INLAND DESIGN
Civil Engineers, Surveyors & Land Development Consultants

Project Narrative and Post Construction Stormwater Management Calculations

for

Malin Road Development

East Whiteland Township, Chester County

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SECTION 1

Introduction

9 Malin Road Development, LLC and Constitution Drive Partners, LP propose to re-develop their 23.17-acre tract of land (tax parcels 42-4-321, 42-4-321.1 and 42-4-321.2) located on Malin Road in East Whiteland Township into a 228-unit townhouse development. The purpose of this project narrative is to describe the proposed development and to detail how the increase in stormwater runoff, resulting from the proposed development, will be managed.

Existing Conditions

9 Malin Road Development, LLC is the equitable owner of Tax Parcels 42-4-321 and 42-4-321.1 approximately 9.5 acres. Tax Parcel 42-4-321 is the westernmost parcel and contains a one-story commercial building, a few small accessory buildings and paved parking areas. The upper portion of this parcel is covered with woodland. Tax Parcel 42-4-321.1 is undeveloped and covered with woodland.

Constitution Drive Partners, LP is the owner of Tax Parcel 42-4-321.2 which contains the former Bishop Tube industrial complex which includes a large former industrial facility, a few accessory buildings and paved parking facilities.

The Township has indicated their desire to cooperate in the re-development of this property by recently creating a new zoning district in the Township, Residential Revitalization District (RRD), and rezoning this property as RRD.

The project site is located within the RRD – Residential Revitalization District located at the end of Malin Road just south of the Penn Central/Conrail Railroad line that parallels Lancaster Avenue (Route 30). Access to the site is from Malin Road. The property is gently sloping in the northern portion of the property and increases to a steeper slope moving to the south of the property. The Little Valley Creek (Stream Designation EV) flows from the south to the north along the entire eastern property line of the tract. There is an existing riparian buffer along the stream corridor and wetlands are present on the site along the stream. A portion of the existing roof area and some portions of the existing paving are considerably less than 150-feet from the stream bank, in some areas the existing encroachments are as close as ten-feet to the stream bank (these encroachments will be removed as part of the site redevelopment). The site abuts active railroad lines to both the north and south, residential uses to the east, and a petroleum storage and distribution facility to the west.

The project site was previously occupied by The Bishop Tube Company, an industrial use, which was in operation from approximately 1951 until 1999. As a result of their operations on the site

soil and groundwater contamination occurred. Trichloroethylene (TCE) has been detected in the groundwater, and several "hotspots" exist on the property. Today the site sits abandoned and the building is dilapidated and site contamination still exists.

The site is defined as a brownfield site in the Pennsylvania Stormwater Best Management Practices Manual (PABMP Manual) dated December 30, 2006 and is listed on the Bureau of Environmental Cleanup and Brownfields Hazardous Site Cleanup Act (HSCA) Hazardous Site Response Actions List. Section 7.2 of the PABMP Manual states, "**Pennsylvania encourages private cleanups of contaminated properties and the return of those sites to productive use**", further stating that, "**Brownfield redevelopment is an essential component of smart growth, as both seek to return abandoned and underutilized sites to their fullest potential as community and economic assets**".

The site will be cleaned up as part of the site development under the guidance and supervision of the Pennsylvania Department of Environmental Protection.

Proposed Development

A pre-application meeting for the project was held on April 20, 2016 with the applicant, the Township, the Chester County Conservation District and the Pennsylvania Department of Environmental Protection.

The applicants are proposing to develop the property into a townhouse community of 228 residential units. The proposed townhouse units will vary in width from 22-feet wide to 24-feet wide. An internal road network will be constructed and will include guest parking spaces. Sidewalks will be provided along several of the roadways and will connect to Lancaster Avenue with a pedestrian walkway constructed along Malin Road under an existing railroad bridge. Although the site will be serviced by a single main entrance located under the Penn Central/Conrail Railroad underpass, an emergency access road is proposed that will connect the site to the existing residential development to the east of the site. This emergency access will require a joint permit from the Pennsylvania Department of Environmental Protection and the Army Corps of Engineers.

The new site layout proposes some portions of roof, pavement and other disturbed areas within the required 150-foot riparian buffer. While the proposed site improvements will result in the removal of a significant amount of existing impervious coverage, which encroaches to within ten-feet of the stream, the developer is given no credit for this improvement. The proposed encroachments are significantly less than the existing ones in both area of impervious coverage in the buffer and distance the impervious cover is to the stream.

Water Supply Facilities

The site is located within a designated public water supply area and will be served by public water.

Sanitary Sewer Facilities

The property is located within a designated public sewer service area and will be served by the public sewer system.

Soils

The following soil types exist on the site:

SOILS TYPE	SOILS DESCRIPTION	SLOPE	DEPTH TO SEASONAL HIGHWATER TABLE	DEPTH TO BEDROCK	DRAINAGE CLASS/GROUP
CtA	Conestoga Silt Loam	0%-3%	More than 80 inches	60-99 inches	Well Drained/B
CtB	Conestoga Silt Loam	3%-8%	More than 80 inches	60-99 inches	Well Drained/B
MaB	Manor Loam	3%-8%	More than 80 inches	72-99 inches	Well Drained/B
MaD	Manor Loam	15%-25%	More than 80 inches	72-99 inches	Well Drained/B
MaE	Manor Loam	25%-35%	More than 80 inches	72-99 inches	Well Drained/B
UrgB	Urban Land-Conestoga Complex	0%-8%	More than 80 inches	60-99 inches	Well Drained/B
UrgD	Urban Land-Conestoga Complex	8%-25%	More than 80 inches	60-99 inches	Well Drained/B
UugD	Urban Land-Conestoga Complex	8%-25%	More than 80 inches	60-99 inches	Well Drained/B

The hydrologic soils group for all soil series is “B”.

Geology

The geology of the site is underlain by one geologic formation which is described by the DCNR as:

> Xo - Lower Paleozoic. Main rock type – Albite-Chlorite Schist. This formation is described as a phyllite that contains some schist, horneblende gneiss and granitized members.

Streams

The project site drains into the Little Valley Creek. The stream enters the property after it flows out of a culvert under the SEPTA commuter line. The stream flows to the north, along the eastern property line. Just north of the project site the stream enters a culvert under the Penn Central/Conrail Railroad Line. EMAPPA show the Little Valley Creek classified as an exceptional value (EV) stream.

Wetlands

The wetlands located along the banks of the Little Valley Creek have been delineated by Great Valley Environmental dated October 29, 2014 and are depicted on the plan. In April 2015 the limits of the wetlands were reviewed by the US Army Corps of Engineers. As a result of the review by the US Army Corps of Engineers the wetlands delineated in the vicinity of the proposed emergency access road were reduced. The subsequent wetlands line was approved by the US Army Corps of Engineers and a Jurisdictional Determination (JD) of the wetlands line was issued by the Corps on July 27, 2015. A copy of the JD is included with this submission.

PNDI Environmental Review

A PNDI search was performed for the site and resulted in no potential conflicts. A copy of the PNDI search receipt is attached as part of this report. Additionally, as part of their review of the wetland areas, the US Army Corps of Engineers issued a separate determination regarding the potential for Bog turtles in the area. Their determination states that no bog turtle habit was identified. A copy of the letter from the US Army Corps of Engineers is included with this report.

Tentative Project Schedule

The actual schedule of the improvements within the development is dependent on market conditions. However, based on the assumption that the Final Plan is approved in 2017, it is estimated that final buildout of the proposed improvements will take approximately 8 years to complete.

Stormwater Management

The stormwater drainage analysis was completed using Hydraflow Stormwater Analysis Software and the NRCS TR-55 Methodology to determine the pre-developed and post-developed runoff rates from the site. The project is a redevelopment and is subject to the requirements of Table 308.1 of the East Whiteland Township Stormwater Management Ordinance which requires the post developed flow rates to be reduced to 90% or less than the pre-developed flows:

Post Developed Design Storm	Allowable Post Developed Discharge Rate
2-year	90% of Pre-Dev. 2-year
5-year	90% of Pre-Dev. 5-year
10-year	90% of Pre-Dev. 10-year
25-year	90% of Pre-Dev. 25-year
50-year	90% of Pre-Dev. 50-year
100-year	90% of Pre-Dev. 100-year

The drainage areas were analyzed using 24-hour rainfall depths consistent with NOAA Atlas 14 rainfall for Malvern, PA., as follows:

Design Storm	24 Hour Rainfall Depth per NOAA Atlas 14
1-year	2.69 inches
2-year	3.24 inches
5-year	4.06 inches
10-year	4.75 inches
25-year	5.74 inches
50-year	6.57 inches
100-year	7.47 inches

A copy of the NOAA Rainfall depths is included in this narrative for reference.

All soils on the site are classified as hydrologic soil group B, the land cover coefficients used are as follows:

Land Cover	Hydrologic Group B Soils
Meadow (pre-dev.)	CN = 58
Lawn (post dev.)	CN = 61
Woods (pre & post dev.)	CN = 55
Impervious (pre & post dev.)	CN = 98

The site is a brownfield, it is the opinion of Environmental Standards, Inc. "that infiltration as a means of stormwater management at the Site is an unacceptable risk." (Their opinion letter, dated January 3, 2017 is included in this report). Therefore, infiltration facilities are not proposed as part of the project. Since infiltration will not be provided for the site this project will not comply with Control Guideline 1 (CG 1) or Control Guideline 2 (CG 2) as outlined in the Pennsylvania Stormwater Best Management Practices Manual (PABMP Manual) dated December 30, 2006. Section 8.6 of the PABMP Manual states that, "…even if site constraints prevent compliance with Volume Control Guideline 1 and 2, water quality criteria should still be met". The project is subjected to the requirements of Flow Chart D, Water Quality Process, found in Chapter 8 of the PABMP Manual for both the reduction of pollutant loading site wide and of the reduction of pollutant loading required when encroaching into the 150-foot riparian buffer, to the greatest extent possible.

Extended Detention:
The stormwater management design for the site was accomplished using Sub-Surface Dry Extended Detention Basins (SSDEDB). A small diameter, low flow orifice was placed at the bottom of each facility to allow the facility to dewater over an extended period of time (greater than 24-hours).

Design Assumptions:

- No infiltration of stormwater is proposed.
- Extended detention of stormwater is proposed in lieu of infiltration. Extended detention will detain the runoff volume for a minimum of 24 hours.
- Each Sub-Surface Dry Extended Detention Basin will include a minimum of one Isolator Row to address pollutant removal (NPDES Permit requirement).
- Stormwater runoff from the disturbed areas within the 150-foot riparian buffer will not be routed through a separate BMP within the riparian buffer area because the BMPs proposed throughout the site will provide the required pollutant removal.

Pre-Developed Stormwater Analysis:
Based on the configuration and topography of the project site, the site was divided into two major drainage areas (East and West). The East area was further divided into four separate points of interest (POI #1 – POI #4). This further division was done in anticipation of the NPDES Permit process. The West area is designated as POI #5.

Each pre-developed watershed was evaluated based on existing topography and ground cover. Because the project is a redevelopment 80-percent of existing impervious coverage was used in developing the pre-developed cover number. The remaining 20-percent was assumed to be a meadows condition. The time of concentration (Tc) for each watershed was also calculated based on existing topography and ground cover. The CN and Tc data, along with hydrographs for the 1 – 100-year storms are included in the appropriate sections of this report.

A summary of runoff rates has been included in this report, additionally, summary of runoff rates have been included for each individual Point of Interest (POI).

Post Developed Stormwater Analysis:
In order to accurately compare the post-developed flows to the pre-developed flows, the same points of interest for both the western and eastern drainage areas were used. It is noted that due to the nature and design of the proposed improvements, there is some exchange of areas between the two watersheds. However, the post developed peak rates for each point of interest were compared to the pre-developed rates regardless of the exchange in area. Since this project is a re-development all post developed runoff rates have been reduced to 90-percent or less than the pre-developed runoff rates.

A summary of runoff rates has been included in this report, additionally, summary of runoff rates have been included for each individual Point of Interest (POI).

Western Drainage Area (POI #5):
The Western Drainage Area (POI #5) consists of one bypass area. The stormwater management for the Western Drainage Area (POI #5) will be managed using five Sub-Surface Dry Extended Detention Basins (SSDEDB). All five of the SSDEDB's are connected such that the outflow from the upper SSDEDB is combined with the overland tributary area from the lower SSDEDB. The outflow hydrograph of the SSDEDB is combined with the overland hydrograph into a single composite hydrograph which is then routed through the next SSDEDB. This hydrograph combination continues until the lowest SSDEDB discharges the collected runoff into the existing drainage system in Malin Road. This single discharge runoff rates combined with the bypass runoff rates is compared to the pre-developed runoff rates and shows that the runoff rate in the

post developed condition has been controlled to 90-percent or less than the pre-developed runoff rates for all design storms as required by the ordinance. Because of the reduced runoff rate from the site, the connection of the new stormwater management system to the existing storm sewer is not considered to have an adverse impact on the existing storm sewers. The need to enlarge the existing storm sewers in Malin Road will be further examined in consultation with the East Whiteland Township Engineer and the Pennsylvania Department of Environmental Protection. The CN and Tc (when exceeding five-minute minimum) data, along with hydrographs for the 1 – 100-year storms are included in the appropriate sections of this report.

Eastern Drainage Area:

The Eastern Drainage Area (POI #1 – POI #4) consists of one bypass area in each POI subarea.

- Point of Interest #1 is between Units 126 and 158.
- Point of Interest #2 is just south of Unit 92.
- Point of Interest #3 is at the proposed stream crossing.
- Point of Interest #4 is the northern property line.

The stormwater management for the Eastern Drainage Area (POI #1 – POI #4) will be managed using nineteen Sub-Surface Dry Extended Detention Basins (SSDEDB). The SSDEDB's are connected as follows:

- SSDEDB's 1 – 6 within POI #1
- SSDEDB's 7 – 10 within POI #2;
- SSDEDB's 11 – 14 within POI #3;
- SSDEDB's 15 – 17 within POI #3; and
- SSDEDB 18 – 19 within POI #3.

POI #4 does not contain any SSDEDB's.

The SSDEDB's are connected such that the outflow from an upper SSDEDB is combined with the overland tributary area from the lower SSDEDB. The outflow hydrograph of the SSDEDB is combined with the overland hydrograph into a single composite hydrograph which is then routed through the next SSDEDB. This hydrograph combination continues until the lowest SSDEDB discharges the collected runoff to the specific point of interest (POI). The discharges from each point of interest is combined with the bypass runoff rates and is compared to the pre-developed runoff rates. The results show that the runoff rates in the post developed condition, for the Eastern Drainage Area, have been controlled to 90-percent or less than the pre-developed runoff rates for all design storms as required by the ordinance.

The CN and Tc (when exceeding five-minute minimum) data, along with hydrographs for the 1 – 100-year storms are included in the appropriate sections of this report.

Stream Channel Protection Requirements

Section 170-307 of the Stormwater Management Ordinance require that the peak flow rate for the 2-year post developed storm event be reduced to the peak flow rate for the 1-year pre-developed storm event. Additionally, the 1-year post-developed runoff volume is to be released over a period of time not less than 24-hours nor greater than 72-hours. The summary of flows shows that the peak flow rate for the 2-year post developed storm event has been reduced to the peak flow rate for the 1-year pre-developed storm event. Dewatering calculations have been included in the report showing that the 1-year post-developed runoff volume is released over a period of time not less than 24-hours nor greater than 72-hours.

Erosion Control

Erosion control measures, including sediment basins/traps, compost filter socks, silt fence, rock filter outlets, concrete washouts, stabilized constructions entrances, erosion control matting, seeding and mulching and a detailed sequence of construction, will be designed for the proposed earth moving activities to mitigate the discharge of sediment from the site. The plan will be submitted to the Chester County Conservation District for their review and approval. An Individual NPDES permit is required for the project. The permit application will be prepared and submitted to the Pennsylvania Department of Environmental Protection for their review and approval.

Summary of Flows for Eastern and Western Drainage Areas

(all flows in c.f.s.)

Eastern Drainage Area					
Storm	Pre Dev	90% Pre	Post Allow.	Post Total	Δ
1	12.540	11.286			
2	19.840	17.856	11.286	4.175	-7.111
5	32.290	29.061	29.061	6.433	-22.628
10	43.640	39.276	39.276	12.990	-26.286
25	60.850	54.765	54.765	23.680	-31.085
50	76.080	68.472	68.472	33.300	-35.172
100	93.300	83.970	83.970	45.880	-38.090

Western Drainage Area					
Storm	Pre Dev	90% Pre	Post Allow.	Post Total	Δ
1	2.224	2.002			
2	3.733	3.360	2.002	1.353	-0.649
5	6.276	5.648	5.648	2.062	-3.586
10	8.640	7.776	7.776	2.693	-5.083
25	12.300	11.070	11.070	3.734	-7.336
50	15.520	13.968	13.968	10.490	-3.478
100	19.100	17.190	17.190	16.050	-1.140

Summary of Flows by Point of Interest (POI)

(all flows in c.f.s.)

POI # 1					
Storm	Pre Dev	90% Pre	Post Allow.	POI Total	Δ
1	0.046	0.041			
2	0.358	0.322	0.041	0.495	0.454
5	1.240	1.116	1.116	2.364	1.248
10	2.241	2.017	2.017	6.541	4.524
25	3.887	3.498	3.498	11.200	7.702
50	5.418	4.876	4.876	13.860	8.984
100	7.199	6.479	6.479	16.370	9.891

POI # 2					
Storm	Pre Dev	90% Pre	Post Allow.	POI Total	Δ
1	0.226	0.203			
2	0.845	0.761	0.203	0.311	0.108
5	2.221	1.999	1.999	0.502	-1.497
10	3.613	3.252	3.252	0.678	-2.574
25	5.859	5.273	5.273	0.950	-4.323
50	7.918	7.126	7.126	1.191	-5.935
100	10.290	9.261	9.261	1.629	-7.632

POI # 3					
Storm	Pre Dev	90% Pre	Post Allow.	POI Total	Δ
1	5.121	4.609			
2	7.850	7.065	4.609	2.588	-2.021
5	12.320	11.088	11.088	3.804	-7.284
10	16.380	14.742	14.742	5.652	-9.090
25	22.540	20.286	20.286	12.200	-8.086
50	27.860	25.074	25.074	19.780	-5.294
100	33.740	30.366	30.366	30.570	0.204

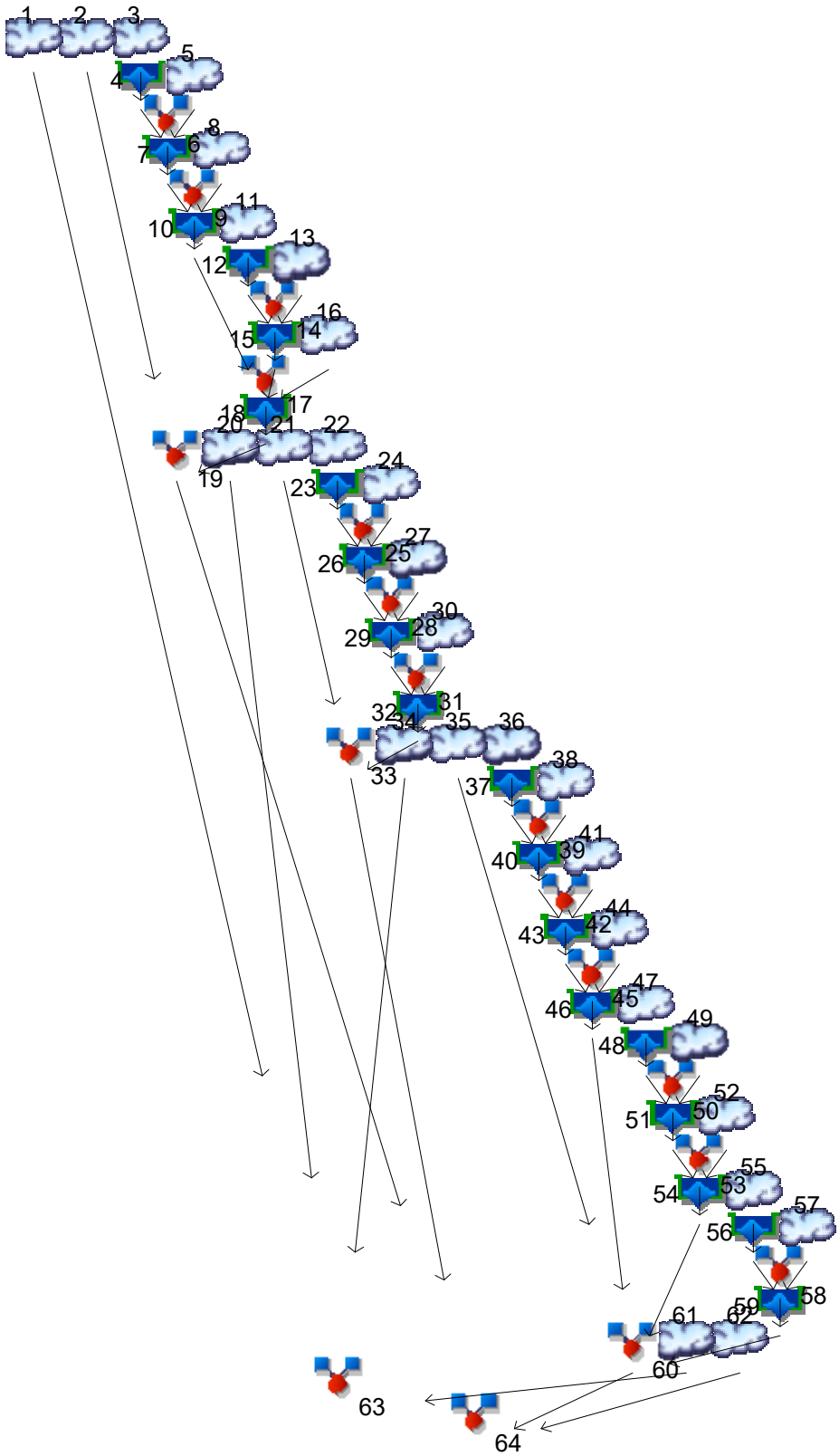
POI # 4					
Storm	Pre Dev	90% Pre	Post Allow.	POI Total	Δ
1	7.245	6.521			
2	10.790	9.711	6.521	1.320	-5.201
5	16.670	15.003	15.003	2.125	-12.878
10	21.920	19.728	19.728	2.853	-16.875
25	29.740	26.766	26.766	3.949	-22.817
50	36.450	32.805	32.805	4.929	-27.876
100	43.840	39.456	39.456	6.020	-33.436

POI # 5					
Storm	Pre Dev	90% Pre	Post Allow.	POI Total	Δ
1	2.224	2.002			
2	3.733	3.360	2.002	1.353	-0.649
5	6.276	5.648	5.648	2.062	-3.586
10	8.640	7.776	7.776	2.693	-5.083
25	12.300	11.070	11.070	3.734	-7.336
50	15.520	13.968	13.968	10.490	-3.478
100	19.100	17.190	17.190	16.050	-1.140

SECTION 2

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	0.046	2	728	824	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.034	2	720	139	------	------	------	Post Bypass POI #1
3	SCS Runoff	0.842	2	720	1,930	------	------	------	SSDEDB #1 In
4	Reservoir	0.026	2	930	1,909	3	477.02	1,126	SSDEDB #1 Out
5	SCS Runoff	0.659	2	716	1,453	------	------	------	SSDEDB #2 In
6	Combine	0.674	2	716	3,362	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.029	2	1360	3,346	6	474.21	1,169	SSDEDB #2 Out
8	SCS Runoff	0.561	2	722	1,631	------	------	------	SSDEDB #3 In
9	Combine	0.586	2	722	4,978	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.090	2	772	4,967	9	468.76	618	SSDEDB #3 Out
11	SCS Runoff	1.550	2	716	3,266	------	------	------	SSDEDB #4 In
12	Reservoir	0.031	2	930	3,243	11	453.21	2,173	SSDEDB #4 Out
13	SCS Runoff	1.432	2	722	4,030	------	------	------	SSDEDB #5 In
14	Combine	1.461	2	722	7,273	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.114	2	820	7,254	14	449.08	2,202	SSDEDB #5 Out
16	SCS Runoff	3.542	2	720	8,111	------	------	------	SSDEDB #6 In
17	Combine	3.683	2	720	20,333	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	0.229	2	1096	20,315	17	450.63	7,117	SSDEDB #6 Out
19	Combine	0.231	2	1096	20,454	2, 18	------	------	POI #1 Total
20	SCS Runoff	0.226	2	722	1,565	------	------	------	Pre Dev POI #2
21	SCS Runoff	0.102	2	720	310	------	------	------	Post Bypass POI #2
22	SCS Runoff	0.948	2	722	2,656	------	------	------	SSDEDB #7 In
23	Reservoir	0.033	2	910	2,641	22	445.62	1,630	SSDEDB #7 Out
24	SCS Runoff	0.726	2	722	2,048	------	------	------	SSDEDB #8 In
25	Combine	0.751	2	722	4,688	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.036	2	1448	4,673	25	438.92	1,936	SSDEDB #8 Out
27	SCS Runoff	0.673	2	716	1,367	------	------	------	SSDEDB #9 In
28	Combine	0.694	2	716	6,041	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.097	2	742	6,032	28	430.10	608	SSDEDB #9 Out
30	SCS Runoff	1.122	2	716	2,266	------	------	------	SSDEDB #10 In
31	Combine	1.206	2	718	8,298	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.115	2	872	8,285	31	416.31	1,489	SSDEDB #10 Out
33	Combine	0.200	2	722	8,595	21, 32	------	------	POI #2 Total
34	SCS Runoff	5.121	2	722	14,137	------	------	------	Pre Dev POI #3

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35	SCS Runoff	1.266	2	722	3,494	------	------	------	Post Bypass POI #3
36	SCS Runoff	1.222	2	718	2,805	------	------	------	SSDEDB #11 In
37	Reservoir	0.033	2	916	2,788	36	417.74	1,758	SSDEDB #11 Out
38	SCS Runoff	1.114	2	722	3,122	------	------	------	SSDEDB #12 In
39	Combine	1.141	2	722	5,910	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.069	2	934	5,893	39	415.29	1,978	SSDEDB #12 Out
41	SCS Runoff	1.343	2	722	3,770	------	------	------	SSDEDB #13 In
42	Combine	1.395	2	722	9,664	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	0.127	2	862	9,649	42	413.41	2,195	SSDEDB #13 Out
44	SCS Runoff	1.210	2	716	2,583	------	------	------	SSDEDB #14 In
45	Combine	1.289	2	716	12,232	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	0.222	2	746	12,220	45	399.90	1,177	SSDEDB #14 Out
47	SCS Runoff	1.330	2	718	3,062	------	------	------	SSDEDB #15 In
48	Reservoir	0.036	2	912	3,047	47	399.86	1,926	SSDEDB #15 Out
49	SCS Runoff	1.190	2	716	2,482	------	------	------	SSDEDB #16 In
50	Combine	1.215	2	716	5,528	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.064	2	896	5,511	50	394.27	1,585	SSDEDB #16 Out
52	SCS Runoff	2.482	2	720	6,476	------	------	------	SSDEDB #17 In
53	Combine	2.539	2	720	11,987	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	0.314	2	760	11,975	53	394.16	2,902	SSDEDB #17 Out
55	SCS Runoff	1.955	2	718	4,488	------	------	------	SSDEDB #18 In
56	Reservoir	0.056	2	902	4,469	55	388.93	2,771	SSDEDB #18 Out
57	SCS Runoff	3.295	2	722	9,244	------	------	------	SSDEDB #19 In
58	Combine	3.342	2	722	13,713	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	0.141	2	980	13,681	58	387.45	6,219	SSDEDB #19 Out
60	Combine	1.836	2	722	41,369	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	7.245	2	724	21,446	------	------	------	Pre Dev POI #4
62	SCS Runoff	0.834	2	718	1,744	------	------	------	Post Bypass POI #4
63	Combine	12.54	2	722	37,973	1, 20, 34, 61,	------	------	Pre Total
64	Combine	2.837	2	720	72,162	19, 33, 60, 62,	------	------	Post Total

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	0.358	2	722	1,802	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.099	2	718	265	------	------	------	Post Bypass POI #1
3	SCS Runoff	1.181	2	720	2,704	------	------	------	SSDEDB #1 In
4	Reservoir	0.029	2	962	2,683	3	477.33	1,696	SSDEDB #1 Out
5	SCS Runoff	0.806	2	716	1,803	------	------	------	SSDEDB #2 In
6	Combine	0.826	2	716	4,486	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.032	2	1442	4,470	6	474.51	1,545	SSDEDB #2 Out
8	SCS Runoff	0.913	2	722	2,499	------	------	------	SSDEDB #3 In
9	Combine	0.940	2	722	6,970	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.109	2	784	6,959	9	469.13	1,072	SSDEDB #3 Out
11	SCS Runoff	1.938	2	716	4,143	------	------	------	SSDEDB #4 In
12	Reservoir	0.035	2	950	4,119	11	453.56	2,832	SSDEDB #4 Out
13	SCS Runoff	1.950	2	722	5,466	------	------	------	SSDEDB #5 In
14	Combine	1.981	2	722	9,585	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.132	2	834	9,566	14	449.48	3,126	SSDEDB #5 Out
16	SCS Runoff	4.847	2	718	11,087	------	------	------	SSDEDB #6 In
17	Combine	5.006	2	718	27,612	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	0.486	2	802	27,594	17	450.72	7,272	SSDEDB #6 Out
19	Combine	0.495	2	802	27,859	2, 18	------	------	POI #1 Total
20	SCS Runoff	0.845	2	722	3,067	------	------	------	Pre Dev POI #2
21	SCS Runoff	0.201	2	720	518	------	------	------	Post Bypass POI #2
22	SCS Runoff	1.253	2	722	3,520	------	------	------	SSDEDB #7 In
23	Reservoir	0.038	2	934	3,505	22	446.13	2,253	SSDEDB #7 Out
24	SCS Runoff	0.934	2	722	2,654	------	------	------	SSDEDB #8 In
25	Combine	0.962	2	722	6,159	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.040	2	1450	6,144	25	439.45	2,567	SSDEDB #8 Out
27	SCS Runoff	0.877	2	716	1,799	------	------	------	SSDEDB #9 In
28	Combine	0.900	2	716	7,943	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.109	2	746	7,934	28	430.32	832	SSDEDB #9 Out
30	SCS Runoff	1.504	2	716	3,049	------	------	------	SSDEDB #10 In
31	Combine	1.595	2	716	10,983	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.132	2	896	10,970	31	416.69	2,069	SSDEDB #10 Out
33	Combine	0.311	2	720	11,488	21, 32	------	------	POI #2 Total
34	SCS Runoff	7.850	2	722	20,950	------	------	------	Pre Dev POI #3

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35	SCS Runoff	1.940	2	722	5,178	------	------	------	Post Bypass POI #3
36	SCS Runoff	1.597	2	718	3,690	------	------	------	SSDEDB #11 In
37	Reservoir	0.037	2	940	3,673	36	418.22	2,405	SSDEDB #11 Out
38	SCS Runoff	1.486	2	722	4,169	------	------	------	SSDEDB #12 In
39	Combine	1.517	2	722	7,842	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.079	2	956	7,825	39	415.72	2,753	SSDEDB #12 Out
41	SCS Runoff	1.810	2	722	5,073	------	------	------	SSDEDB #13 In
42	Combine	1.868	2	722	12,899	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	0.147	2	890	12,884	42	413.92	3,086	SSDEDB #13 Out
44	SCS Runoff	1.501	2	716	3,252	------	------	------	SSDEDB #14 In
45	Combine	1.592	2	716	16,136	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	0.246	2	750	16,124	45	400.11	1,540	SSDEDB #14 Out
47	SCS Runoff	1.722	2	718	3,998	------	------	------	SSDEDB #15 In
48	Reservoir	0.041	2	934	3,983	47	400.43	2,606	SSDEDB #15 Out
49	SCS Runoff	1.499	2	716	3,170	------	------	------	SSDEDB #16 In
50	Combine	1.528	2	716	7,153	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.071	2	930	7,136	50	394.56	2,101	SSDEDB #16 Out
52	SCS Runoff	3.413	2	720	8,852	------	------	------	SSDEDB #17 In
53	Combine	3.475	2	720	15,988	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	0.374	2	764	15,975	53	394.91	4,162	SSDEDB #17 Out
55	SCS Runoff	2.554	2	718	5,904	------	------	------	SSDEDB #18 In
56	Reservoir	0.064	2	924	5,885	55	389.53	3,787	SSDEDB #18 Out
57	SCS Runoff	4.315	2	722	12,160	------	------	------	SSDEDB #19 In
58	Combine	4.368	2	722	18,045	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	0.162	2	1026	18,012	58	388.04	8,460	SSDEDB #19 Out
60	Combine	2.588	2	722	55,290	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	10.79	2	724	31,153	------	------	------	Pre Dev POI #4
62	SCS Runoff	1.320	2	718	2,671	------	------	------	Post Bypass POI #4
63	Combine	19.84	2	722	56,973	1, 20, 34, 61,	------	------	Pre Total
64	Combine	4.175	2	720	97,307	19, 33, 60, 62,	------	------	Post Total

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	1.240	2	720	3,800	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.231	2	718	504	------	------	------	Post Bypass POI #1
3	SCS Runoff	1.726	2	718	3,948	------	------	------	SSDEDB #1 In
4	Reservoir	0.035	2	1028	3,926	3	477.86	2,643	SSDEDB #1 Out
5	SCS Runoff	1.024	2	716	2,327	------	------	------	SSDEDB #2 In
6	Combine	1.048	2	716	6,253	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.037	2	1444	6,238	6	474.97	2,114	SSDEDB #2 Out
8	SCS Runoff	1.502	2	722	3,976	------	------	------	SSDEDB #3 In
9	Combine	1.532	2	722	10,214	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.138	2	800	10,204	9	469.79	1,902	SSDEDB #3 Out
11	SCS Runoff	2.512	2	716	5,467	------	------	------	SSDEDB #4 In
12	Reservoir	0.040	2	988	5,443	11	454.11	3,847	SSDEDB #4 Out
13	SCS Runoff	2.748	2	722	7,721	------	------	------	SSDEDB #5 In
14	Combine	2.784	2	722	13,165	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.156	2	846	13,146	14	450.14	4,613	SSDEDB #5 Out
16	SCS Runoff	6.878	2	718	15,788	------	------	------	SSDEDB #6 In
17	Combine	7.073	2	718	39,137	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	2.321	2	728	39,119	17	451.07	7,751	SSDEDB #6 Out
19	Combine	2.364	2	728	39,624	2, 18	------	------	POI #1 Total
20	SCS Runoff	2.221	2	720	5,981	------	------	------	Pre Dev POI #2
21	SCS Runoff	0.374	2	720	888	------	------	------	Post Bypass POI #2
22	SCS Runoff	1.715	2	722	4,859	------	------	------	SSDEDB #7 In
23	Reservoir	0.045	2	958	4,843	22	446.99	3,238	SSDEDB #7 Out
24	SCS Runoff	1.245	2	722	3,581	------	------	------	SSDEDB #8 In
25	Combine	1.277	2	722	8,425	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.047	2	1452	8,409	25	440.31	3,528	SSDEDB #8 Out
27	SCS Runoff	1.184	2	716	2,464	------	------	------	SSDEDB #9 In
28	Combine	1.211	2	716	10,873	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.125	2	750	10,865	28	430.67	1,188	SSDEDB #9 Out
30	SCS Runoff	2.087	2	716	4,273	------	------	------	SSDEDB #10 In
31	Combine	2.191	2	716	15,138	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.155	2	922	15,125	31	417.31	2,980	SSDEDB #10 Out
33	Combine	0.502	2	720	16,013	21, 32	------	------	POI #2 Total
34	SCS Runoff	12.32	2	722	32,302	------	------	------	Pre Dev POI #3

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35	SCS Runoff	3.044	2	722	7,983	------	------	------	Post Bypass POI #3
36	SCS Runoff	2.161	2	718	5,054	------	------	------	SSDEDB #11 In
37	Reservoir	0.044	2	962	5,037	36	419.01	3,422	SSDEDB #11 Out
38	SCS Runoff	2.054	2	722	5,799	------	------	------	SSDEDB #12 In
39	Combine	2.090	2	722	10,836	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.094	2	992	10,819	39	416.45	3,982	SSDEDB #12 Out
41	SCS Runoff	2.526	2	722	7,111	------	------	------	SSDEDB #13 In
42	Combine	2.594	2	722	17,930	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	0.175	2	914	17,915	42	414.78	4,509	SSDEDB #13 Out
44	SCS Runoff	1.933	2	716	4,260	------	------	------	SSDEDB #14 In
45	Combine	2.038	2	716	22,175	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	0.280	2	758	22,164	45	400.45	2,100	SSDEDB #14 Out
47	SCS Runoff	2.310	2	718	5,435	------	------	------	SSDEDB #15 In
48	Reservoir	0.048	2	954	5,420	47	401.40	3,668	SSDEDB #15 Out
49	SCS Runoff	1.959	2	716	4,215	------	------	------	SSDEDB #16 In
50	Combine	1.992	2	716	9,634	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.081	2	964	9,617	50	395.01	2,904	SSDEDB #16 Out
52	SCS Runoff	4.856	2	720	12,605	------	------	------	SSDEDB #17 In
53	Combine	4.926	2	720	22,222	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	0.590	2	754	22,210	53	396.32	6,108	SSDEDB #17 Out
55	SCS Runoff	3.457	2	718	8,087	------	------	------	SSDEDB #18 In
56	Reservoir	0.076	2	946	8,068	55	390.57	5,379	SSDEDB #18 Out
57	SCS Runoff	5.855	2	722	16,656	------	------	------	SSDEDB #19 In
58	Combine	5.916	2	722	24,723	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	0.193	2	1066	24,691	58	389.08	11,975	SSDEDB #19 Out
60	Combine	3.804	2	722	77,048	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	16.67	2	722	47,119	------	------	------	Pre Dev POI #4
62	SCS Runoff	2.125	2	718	4,250	------	------	------	Post Bypass POI #4
63	Combine	32.29	2	722	89,201	1, 20, 34, 61,	------	------	Pre Total
64	Combine	6.433	2	718	136,934	19, 33, 60, 62,	------	------	Post Total

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1	SCS Runoff	2.241	2	720	5,887	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.360	2	718	745	------	------	------	Post Bypass POI #1
3	SCS Runoff	2.203	2	718	5,051	------	------	------	SSDEDB #1 In
4	Reservoir	0.040	2	1066	5,029	3	478.36	3,504	SSDEDB #1 Out
5	SCS Runoff	1.206	2	716	2,770	------	------	------	SSDEDB #2 In
6	Combine	1.233	2	716	7,800	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.041	2	1446	7,784	6	475.37	2,599	SSDEDB #2 Out
8	SCS Runoff	2.039	2	722	5,345	------	------	------	SSDEDB #3 In
9	Combine	2.071	2	722	13,129	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.162	2	808	13,118	9	470.46	2,702	SSDEDB #3 Out
11	SCS Runoff	2.992	2	716	6,591	------	------	------	SSDEDB #4 In
12	Reservoir	0.044	2	1024	6,568	11	454.61	4,725	SSDEDB #4 Out
13	SCS Runoff	3.433	2	722	9,692	------	------	------	SSDEDB #5 In
14	Combine	3.472	2	722	16,259	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.177	2	858	16,240	14	450.77	5,933	SSDEDB #5 Out
16	SCS Runoff	8.624	2	718	19,910	------	------	------	SSDEDB #6 In
17	Combine	8.845	2	718	49,269	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	6.425	2	724	49,251	17	451.59	8,306	SSDEDB #6 Out
19	Combine	6.541	2	724	49,996	2, 18	------	------	POI #1 Total
20	SCS Runoff	3.613	2	720	8,933	------	------	------	Pre Dev POI #2
21	SCS Runoff	0.536	2	720	1,244	------	------	------	Post Bypass POI #2
22	SCS Runoff	2.107	2	722	6,015	------	------	------	SSDEDB #7 In
23	Reservoir	0.051	2	968	6,000	22	447.86	4,098	SSDEDB #7 Out
24	SCS Runoff	1.506	2	722	4,375	------	------	------	SSDEDB #8 In
25	Combine	1.542	2	722	10,375	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.053	2	1454	10,359	25	441.24	4,349	SSDEDB #8 Out
27	SCS Runoff	1.443	2	716	3,037	------	------	------	SSDEDB #9 In
28	Combine	1.473	2	716	13,396	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.138	2	754	13,388	28	430.99	1,500	SSDEDB #9 Out
30	SCS Runoff	2.583	2	716	5,339	------	------	------	SSDEDB #10 In
31	Combine	2.697	2	716	18,727	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.174	2	934	18,714	31	417.88	3,780	SSDEDB #10 Out
33	Combine	0.678	2	720	19,957	21, 32	------	------	POI #2 Total
34	SCS Runoff	16.38	2	720	42,660	------	------	------	Pre Dev POI #3

Hydrograph Summary Report

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
35	SCS Runoff	4.047	2	720	10,543	------	------	------	Post Bypass POI #3
36	SCS Runoff	2.637	2	718	6,229	------	------	------	SSDEDB #11 In
37	Reservoir	0.050	2	984	6,212	36	419.79	4,308	SSDEDB #11 Out
38	SCS Runoff	2.538	2	722	7,212	------	------	------	SSDEDB #12 In
39	Combine	2.577	2	722	13,424	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.106	2	1024	13,407	39	417.15	5,065	SSDEDB #12 Out
41	SCS Runoff	3.138	2	722	8,884	------	------	------	SSDEDB #13 In
42	Combine	3.213	2	722	22,291	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	0.201	2	924	22,276	42	415.66	5,756	SSDEDB #13 Out
44	SCS Runoff	2.293	2	716	5,114	------	------	------	SSDEDB #14 In
45	Combine	2.411	2	716	27,390	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	0.308	2	770	27,379	45	400.75	2,591	SSDEDB #14 Out
47	SCS Runoff	2.804	2	718	6,669	------	------	------	SSDEDB #15 In
48	Reservoir	0.056	2	960	6,654	47	402.55	4,578	SSDEDB #15 Out
49	SCS Runoff	2.343	2	716	5,104	------	------	------	SSDEDB #16 In
50	Combine	2.379	2	716	11,757	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.090	2	1032	11,740	50	395.43	3,624	SSDEDB #16 Out
52	SCS Runoff	6.099	2	720	15,896	------	------	------	SSDEDB #17 In
53	Combine	6.175	2	720	27,636	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	3.096	2	730	27,624	53	396.80	6,532	SSDEDB #17 Out
55	SCS Runoff	4.219	2	718	9,967	------	------	------	SSDEDB #18 In
56	Reservoir	0.162	2	820	9,947	55	391.55	6,459	SSDEDB #18 Out
57	SCS Runoff	7.155	2	722	20,528	------	------	------	SSDEDB #19 In
58	Combine	7.224	2	722	30,475	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	0.539	2	790	30,443	58	389.44	13,014	SSDEDB #19 Out
60	Combine	5.652	2	728	95,989	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	21.92	2	722	61,546	------	------	------	Pre Dev POI #4
62	SCS Runoff	2.853	2	718	5,712	------	------	------	Post Bypass POI #4
63	Combine	43.64	2	722	119,026	1, 20, 34, 61,	------	------	Pre Total
64	Combine	12.99	2	722	171,655	19, 33, 60, 62,	------	------	Post Total

Hydrograph Summary Report

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	3.887	2	720	9,404	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.565	2	718	1,140	------	------	------	Post Bypass POI #1
3	SCS Runoff	2.902	2	718	6,696	------	------	------	SSDEDB #1 In
4	Reservoir	0.046	2	1102	6,674	3	479.18	4,809	SSDEDB #1 Out
5	SCS Runoff	1.467	2	716	3,407	------	------	------	SSDEDB #2 In
6	Combine	1.497	2	716	10,081	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.046	2	1448	10,066	6	476.00	3,307	SSDEDB #2 Out
8	SCS Runoff	2.866	2	720	7,454	------	------	------	SSDEDB #3 In
9	Combine	2.900	2	720	17,519	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.198	2	814	17,509	9	471.66	3,961	SSDEDB #3 Out
11	SCS Runoff	3.676	2	716	8,214	------	------	------	SSDEDB #4 In
12	Reservoir	0.050	2	1056	8,191	11	455.43	6,009	SSDEDB #4 Out
13	SCS Runoff	4.424	2	722	12,594	------	------	------	SSDEDB #5 In
14	Combine	4.467	2	722	20,785	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.209	2	872	20,766	14	451.90	7,895	SSDEDB #5 Out
16	SCS Runoff	11.15	2	718	25,999	------	------	------	SSDEDB #6 In
17	Combine	11.41	2	718	64,274	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	10.73	2	720	64,256	17	451.98	8,735	SSDEDB #6 Out
19	Combine	11.20	2	720	65,396	2, 18	------	------	POI #1 Total
20	SCS Runoff	5.859	2	720	13,797	------	------	------	Pre Dev POI #2
21	SCS Runoff	0.788	2	720	1,807	------	------	------	Post Bypass POI #2
22	SCS Runoff	2.670	2	722	7,705	------	------	------	SSDEDB #7 In
23	Reservoir	0.182	2	782	7,690	22	448.97	4,828	SSDEDB #7 Out
24	SCS Runoff	1.879	2	722	5,527	------	------	------	SSDEDB #8 In
25	Combine	1.920	2	722	13,217	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.158	2	874	13,201	25	441.96	4,792	SSDEDB #8 Out
27	SCS Runoff	1.814	2	716	3,872	------	------	------	SSDEDB #9 In
28	Combine	1.847	2	716	17,073	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.156	2	760	17,065	28	431.48	1,962	SSDEDB #9 Out
30	SCS Runoff	3.298	2	716	6,905	------	------	------	SSDEDB #10 In
31	Combine	3.425	2	716	23,969	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.204	2	1022	23,956	31	418.92	5,025	SSDEDB #10 Out
33	Combine	0.950	2	720	25,763	21, 32	------	------	POI #2 Total
34	SCS Runoff	22.54	2	720	58,431	------	------	------	Pre Dev POI #3

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
35	SCS Runoff	5.570	2	720	14,441	------	------	------	Post Bypass POI #3
36	SCS Runoff	3.318	2	718	7,942	------	------	------	SSDEDB #11 In
37	Reservoir	0.112	2	834	7,925	36	421.14	5,348	SSDEDB #11 Out
38	SCS Runoff	3.233	2	722	9,282	------	------	------	SSDEDB #12 In
39	Combine	3.279	2	722	17,207	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.176	2	922	17,190	39	418.69	6,744	SSDEDB #12 Out
41	SCS Runoff	4.020	2	722	11,489	------	------	------	SSDEDB #13 In
42	Combine	4.105	2	722	28,679	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	0.575	2	754	28,665	42	416.49	6,581	SSDEDB #13 Out
44	SCS Runoff	2.806	2	716	6,345	------	------	------	SSDEDB #14 In
45	Combine	2.942	2	716	35,010	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	0.384	2	834	34,998	45	401.73	4,097	SSDEDB #14 Out
47	SCS Runoff	3.511	2	718	8,464	------	------	------	SSDEDB #15 In
48	Reservoir	0.453	2	738	8,448	47	402.85	4,758	SSDEDB #15 Out
49	SCS Runoff	2.890	2	716	6,389	------	------	------	SSDEDB #16 In
50	Combine	2.932	2	716	14,838	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.114	2	982	14,821	50	396.85	5,751	SSDEDB #16 Out
52	SCS Runoff	7.902	2	720	20,757	------	------	------	SSDEDB #17 In
53	Combine	7.986	2	720	35,578	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	6.670	2	724	35,566	53	397.23	6,882	SSDEDB #17 Out
55	SCS Runoff	5.309	2	718	12,707	------	------	------	SSDEDB #18 In
56	Reservoir	1.311	2	730	12,688	55	391.84	6,692	SSDEDB #18 Out
57	SCS Runoff	9.018	2	722	26,173	------	------	------	SSDEDB #19 In
58	Combine	9.098	2	722	38,862	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	3.892	2	736	38,830	58	389.98	14,210	SSDEDB #19 Out
60	Combine	12.20	2	724	123,835	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	29.74	2	722	83,351	------	------	------	Pre Dev POI #4
62	SCS Runoff	3.949	2	718	7,966	------	------	------	Post Bypass POI #4
63	Combine	60.85	2	722	164,984	1, 20, 34, 61,	------	------	Pre Total
64	Combine	23.68	2	722	222,960	19, 33, 60, 62,	------	------	Post Total

Hydrograph Summary Report

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	5.418	2	720	12,733	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.752	2	718	1,506	------	------	------	Post Bypass POI #1
3	SCS Runoff	3.494	2	718	8,115	------	------	------	SSDEDB #1 In
4	Reservoir	0.052	2	1120	8,094	3	480.00	5,940	SSDEDB #1 Out
5	SCS Runoff	1.685	2	716	3,941	------	------	------	SSDEDB #2 In
6	Combine	1.718	2	716	12,035	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.050	2	1496	12,002	6	476.61	3,916	SSDEDB #2 Out
8	SCS Runoff	3.594	2	720	9,320	------	------	------	SSDEDB #3 In
9	Combine	3.631	2	720	21,323	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	0.329	2	772	21,291	9	473.06	4,911	SSDEDB #3 Out
11	SCS Runoff	4.247	2	716	9,581	------	------	------	SSDEDB #4 In
12	Reservoir	0.056	2	1066	9,558	11	456.41	7,081	SSDEDB #4 Out
13	SCS Runoff	5.257	2	722	15,075	------	------	------	SSDEDB #5 In
14	Combine	5.304	2	722	24,633	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	0.430	2	780	24,613	14	452.90	9,024	SSDEDB #5 Out
16	SCS Runoff	13.28	2	718	31,215	------	------	------	SSDEDB #6 In
17	Combine	13.57	2	718	77,119	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	13.24	2	720	77,048	17	452.17	8,957	SSDEDB #6 Out
19	Combine	13.86	2	720	78,554	2, 18	------	------	POI #1 Total
20	SCS Runoff	7.918	2	720	18,331	------	------	------	Pre Dev POI #2
21	SCS Runoff	1.012	2	720	2,316	------	------	------	Post Bypass POI #2
22	SCS Runoff	3.141	2	722	9,141	------	------	------	SSDEDB #7 In
23	Reservoir	0.922	2	736	9,126	22	449.16	4,939	SSDEDB #7 Out
24	SCS Runoff	2.190	2	722	6,501	------	------	------	SSDEDB #8 In
25	Combine	2.235	2	722	15,627	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	0.608	2	754	15,611	25	442.09	4,870	SSDEDB #8 Out
27	SCS Runoff	2.123	2	716	4,580	------	------	------	SSDEDB #9 In
28	Combine	2.159	2	716	20,192	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	0.228	2	884	20,183	28	434.01	3,763	SSDEDB #9 Out
30	SCS Runoff	3.897	2	716	8,240	------	------	------	SSDEDB #10 In
31	Combine	4.035	2	716	28,423	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	0.331	2	852	28,410	31	420.06	5,907	SSDEDB #10 Out
33	Combine	1.191	2	720	30,726	21, 32	------	------	POI #2 Total
34	SCS Runoff	27.86	2	720	72,259	------	------	------	Pre Dev POI #3

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
35	SCS Runoff	6.886	2	720	17,859	------	------	------	Post Bypass POI #3
36	SCS Runoff	3.887	2	718	9,395	------	------	------	SSDEDB #11 In
37	Reservoir	0.458	2	740	9,378	36	421.25	5,423	SSDEDB #11 Out
38	SCS Runoff	3.816	2	722	11,044	------	------	------	SSDEDB #12 In
39	Combine	3.866	2	722	20,422	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	0.791	2	754	20,405	39	418.87	6,895	SSDEDB #12 Out
41	SCS Runoff	4.760	2	722	13,711	------	------	------	SSDEDB #13 In
42	Combine	4.854	2	722	34,116	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	2.177	2	734	34,102	42	416.80	6,834	SSDEDB #13 Out
44	SCS Runoff	3.235	2	716	7,381	------	------	------	SSDEDB #14 In
45	Combine	3.385	2	716	41,482	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	1.114	2	774	41,471	45	403.71	6,260	SSDEDB #14 Out
47	SCS Runoff	4.101	2	718	9,983	------	------	------	SSDEDB #15 In
48	Reservoir	2.160	2	726	9,968	47	403.20	4,944	SSDEDB #15 Out
49	SCS Runoff	3.347	2	716	7,473	------	------	------	SSDEDB #16 In
50	Combine	3.393	2	716	17,441	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.250	2	826	17,424	50	398.32	7,107	SSDEDB #16 Out
52	SCS Runoff	9.420	2	720	24,922	------	------	------	SSDEDB #17 In
53	Combine	9.512	2	720	42,346	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	9.031	2	722	42,334	53	397.45	7,074	SSDEDB #17 Out
55	SCS Runoff	6.219	2	718	15,032	------	------	------	SSDEDB #18 In
56	Reservoir	3.997	2	724	15,013	55	392.21	7,010	SSDEDB #18 Out
57	SCS Runoff	10.57	2	722	30,962	------	------	------	SSDEDB #19 In
58	Combine	14.21	2	724	45,975	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	9.120	2	730	45,942	58	390.54	15,231	SSDEDB #19 Out
60	Combine	19.78	2	728	147,605	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	36.45	2	722	102,359	------	------	------	Pre Dev POI #4
62	SCS Runoff	4.929	2	716	9,961	------	------	------	Post Bypass POI #4
63	Combine	76.08	2	720	205,682	1, 20, 34, 61,	------	------	Pre Total
64	Combine	33.30	2	720	266,846	19, 33, 60, 62,	------	------	Post Total

Hydrograph Summary Report

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Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	7.199	2	720	16,659	------	------	------	Pre Dev POI #1
2	SCS Runoff	0.966	2	718	1,931	------	------	------	Post Bypass POI #1
3	SCS Runoff	4.139	2	718	9,683	------	------	------	SSDEDB #1 In
4	Reservoir	0.060	2	1118	9,662	3	481.38	7,158	SSDEDB #1 Out
5	SCS Runoff	1.921	2	716	4,521	------	------	------	SSDEDB #2 In
6	Combine	1.957	2	716	14,183	4, 5	------	------	SSDEDB #1 Out + SSDEDB #2 In
7	Reservoir	0.056	2	1536	13,870	6	477.60	4,636	SSDEDB #2 Out
8	SCS Runoff	4.404	2	720	11,419	------	------	------	SSDEDB #3 In
9	Combine	4.443	2	720	25,289	7, 8	------	------	SSDEDB #2 Out + SSDEDB #3 In
10	Reservoir	1.745	2	732	25,219	9	473.38	5,097	SSDEDB #3 Out
11	SCS Runoff	4.863	2	716	11,067	------	------	------	SSDEDB #4 In
12	Reservoir	0.160	2	814	11,044	11	457.06	7,673	SSDEDB #4 Out
13	SCS Runoff	6.160	2	722	17,799	------	------	------	SSDEDB #5 In
14	Combine	6.211	2	722	28,843	12, 13	------	------	SSDEDB #4 Out + SSDEDB #5 In
15	Reservoir	1.740	2	736	28,823	14	453.18	9,324	SSDEDB #5 Out
16	SCS Runoff	15.59	2	718	36,951	------	------	------	SSDEDB #6 In
17	Combine	15.91	2	718	90,993	10, 15, 16	------	------	SSDEDB #3 Out + SSDEDB #5 Out +
18	Reservoir	15.58	2	720	90,858	17	452.35	9,151	SSDEDB #6 Out
19	Combine	16.37	2	720	92,789	2, 18	------	------	POI #1 Total
20	SCS Runoff	10.29	2	720	23,620	------	------	------	Pre Dev POI #2
21	SCS Runoff	1.265	2	718	2,897	------	------	------	Post Bypass POI #2
22	SCS Runoff	3.650	2	722	10,712	------	------	------	SSDEDB #7 In
23	Reservoir	2.382	2	730	10,697	22	449.41	5,081	SSDEDB #7 Out
24	SCS Runoff	2.525	2	722	7,562	------	------	------	SSDEDB #8 In
25	Combine	3.953	2	730	18,259	23, 24	------	------	SSDEDB #7 Out + SSDEDB #8 In
26	Reservoir	2.702	2	734	18,244	25	442.44	5,078	SSDEDB #8 Out
27	SCS Runoff	2.457	2	716	5,354	------	------	------	SSDEDB #9 In
28	Combine	2.985	2	734	23,597	26, 27	------	------	SSDEDB #8 Out + SSDEDB #9 In
29	Reservoir	1.259	2	746	23,589	28	434.59	4,033	SSDEDB #9 Out
30	SCS Runoff	4.545	2	716	9,704	------	------	------	SSDEDB #10 In
31	Combine	4.693	2	716	33,293	29, 30	------	------	SSDEDB #9 Out + SSDEDB #10 In
32	Reservoir	1.487	2	748	33,279	31	420.33	6,101	SSDEDB #10 Out
33	Combine	1.629	2	748	36,176	21, 32	------	------	POI #2 Total
34	SCS Runoff	33.74	2	720	87,712	------	------	------	Pre Dev POI #3

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
35	SCS Runoff	8.339	2	720	21,678	------	------	------	Post Bypass POI #3
36	SCS Runoff	4.501	2	718	10,982	------	------	------	SSDEDB #11 In
37	Reservoir	2.141	2	726	10,965	36	421.58	5,625	SSDEDB #11 Out
38	SCS Runoff	4.445	2	722	12,974	------	------	------	SSDEDB #12 In
39	Combine	6.038	2	726	23,939	37, 38	------	------	SSDEDB #11 Out + SSDEDB #12 In
40	Reservoir	3.332	2	732	23,922	39	419.27	7,231	SSDEDB #12 Out
41	SCS Runoff	5.562	2	722	16,147	------	------	------	SSDEDB #13 In
42	Combine	6.166	2	732	40,070	40, 41	------	------	SSDEDB #12 Out + SSDEDB #13 In
43	Reservoir	5.894	2	732	40,055	42	417.27	7,219	SSDEDB #13 Out
44	SCS Runoff	3.698	2	716	8,506	------	------	------	SSDEDB #14 In
45	Combine	6.330	2	732	48,561	43, 44	------	------	SSDEDB #13 Out + SSDEDB #14 In
46	Reservoir	5.016	2	736	48,549	45	404.30	6,704	SSDEDB #14 Out
47	SCS Runoff	4.737	2	718	11,642	------	------	------	SSDEDB #15 In
48	Reservoir	4.012	2	722	11,626	47	403.42	5,088	SSDEDB #15 Out
49	SCS Runoff	3.839	2	716	8,652	------	------	------	SSDEDB #16 In
50	Combine	5.801	2	722	20,279	48, 49	------	------	SSDEDB #15 Out + SSDEDB #16 In
51	Reservoir	0.954	2	740	20,262	50	398.50	7,259	SSDEDB #16 Out
52	SCS Runoff	11.07	2	720	29,501	------	------	------	SSDEDB #17 In
53	Combine	11.17	2	720	49,763	51, 52	------	------	SSDEDB #16 Out + SSDEDB #17 In
54	Reservoir	10.98	2	722	49,750	53	397.61	7,219	SSDEDB #17 Out
55	SCS Runoff	7.202	2	718	17,572	------	------	------	SSDEDB #18 In
56	Reservoir	6.237	2	722	17,553	55	392.47	7,219	SSDEDB #18 Out
57	SCS Runoff	12.25	2	722	36,192	------	------	------	SSDEDB #19 In
58	Combine	18.49	2	722	53,745	56, 57	------	------	SSDEDB #18 Out + SSDEDB #19 In
59	Reservoir	14.48	2	726	53,712	58	390.98	16,073	SSDEDB #19 Out
60	Combine	30.57	2	724	173,689	35, 46, 54, 59	------	------	POI #3 Total
61	SCS Runoff	43.84	2	722	123,516	------	------	------	Pre Dev POI #4
62	SCS Runoff	6.020	2	716	12,205	------	------	------	Post Bypass POI #4
63	Combine	93.30	2	720	251,506	1, 20, 34, 61,	------	------	Pre Total
64	Combine	45.88	2	724	314,860	19, 33, 60, 62,	------	------	Post Total

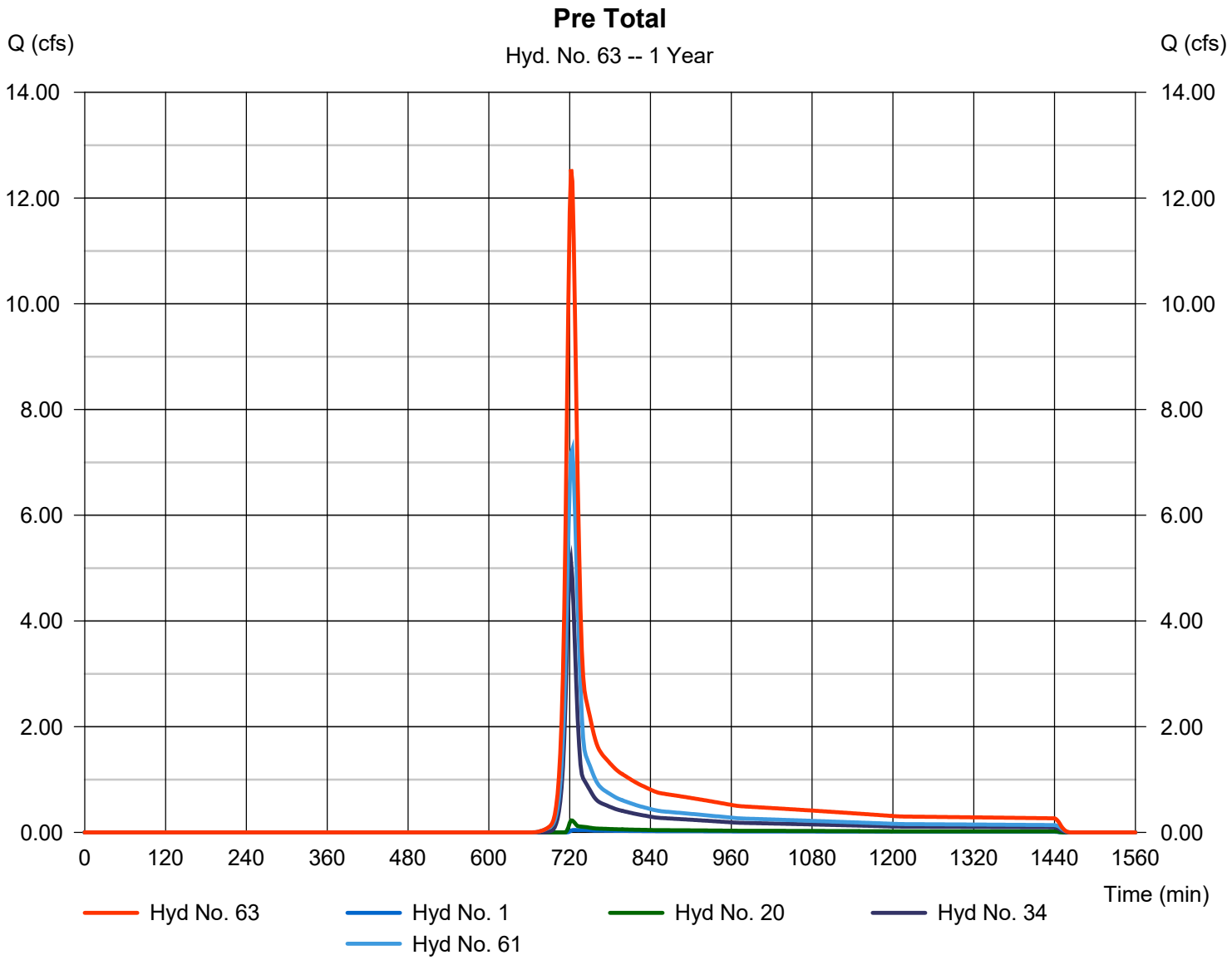
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 12.54 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 37,973 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



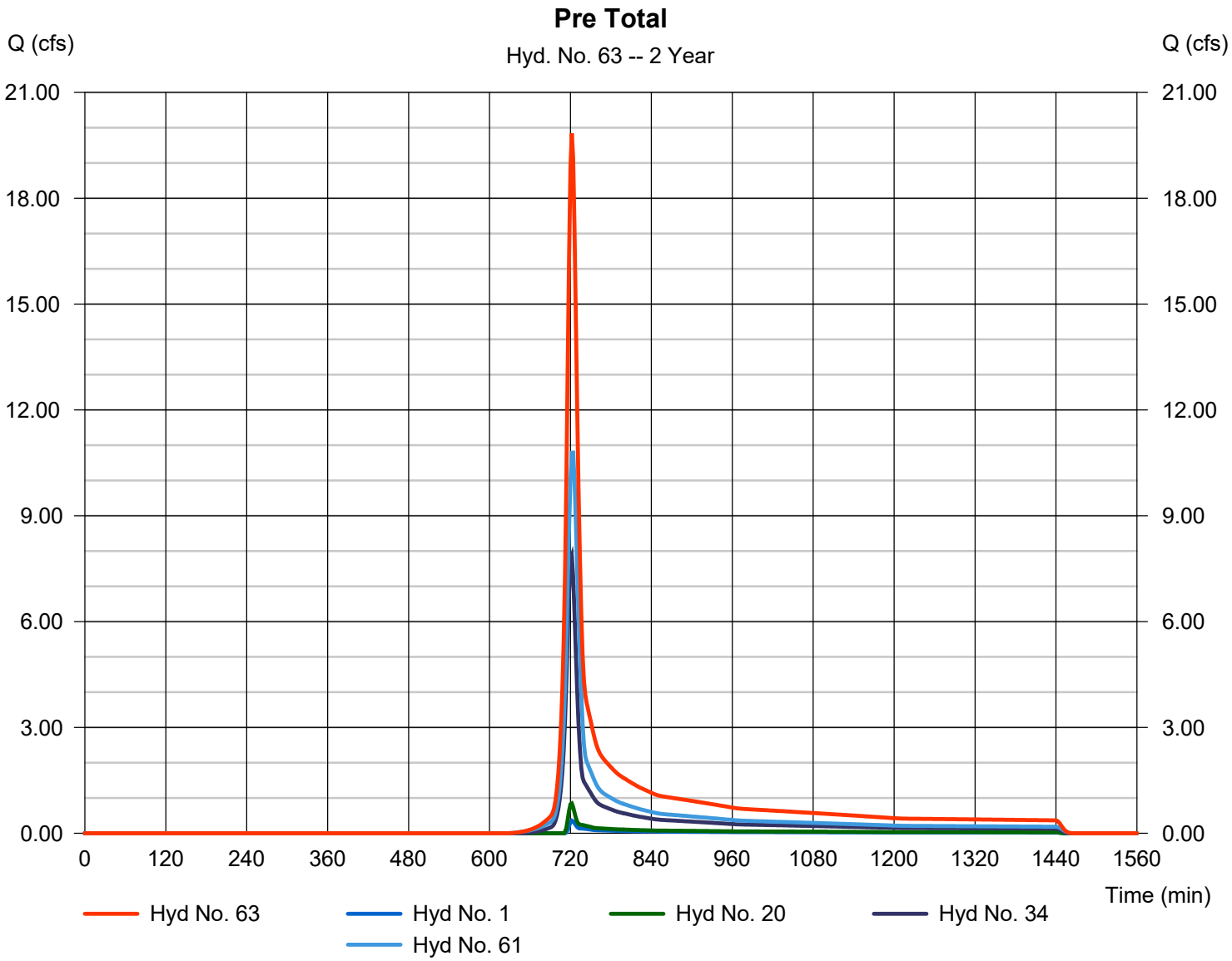
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 19.84 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 56,973 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



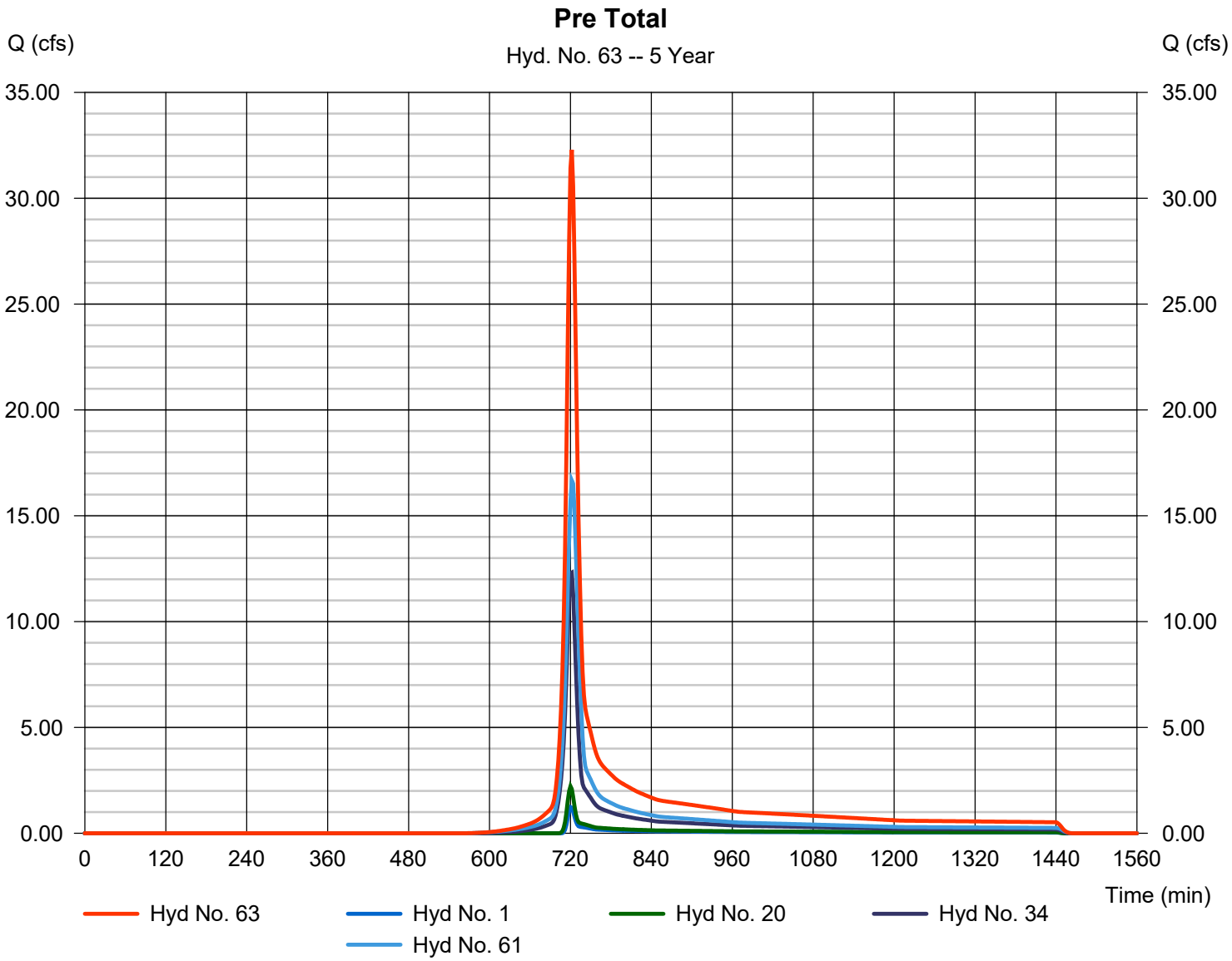
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 32.29 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 89,201 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



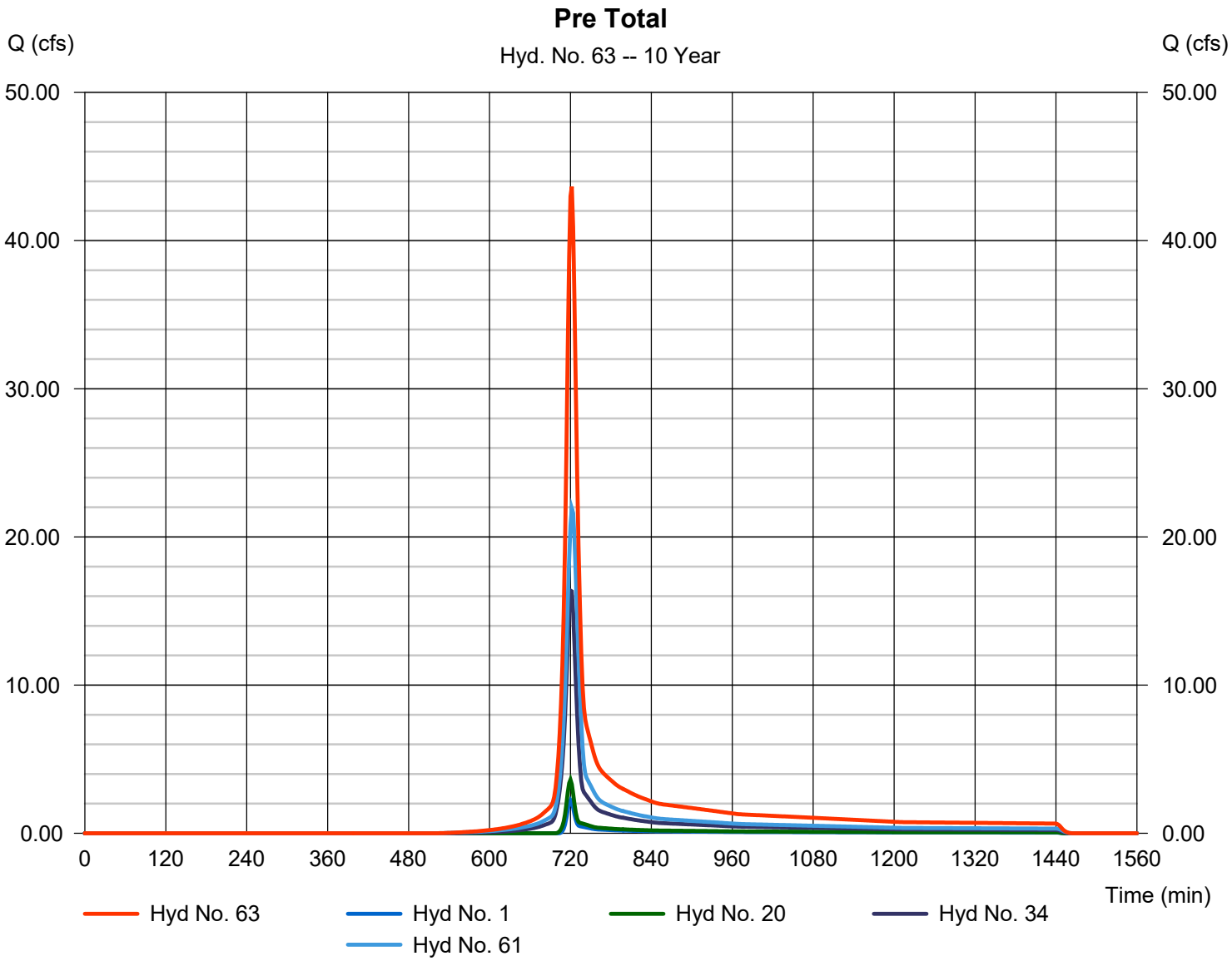
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 43.64 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 119,026 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



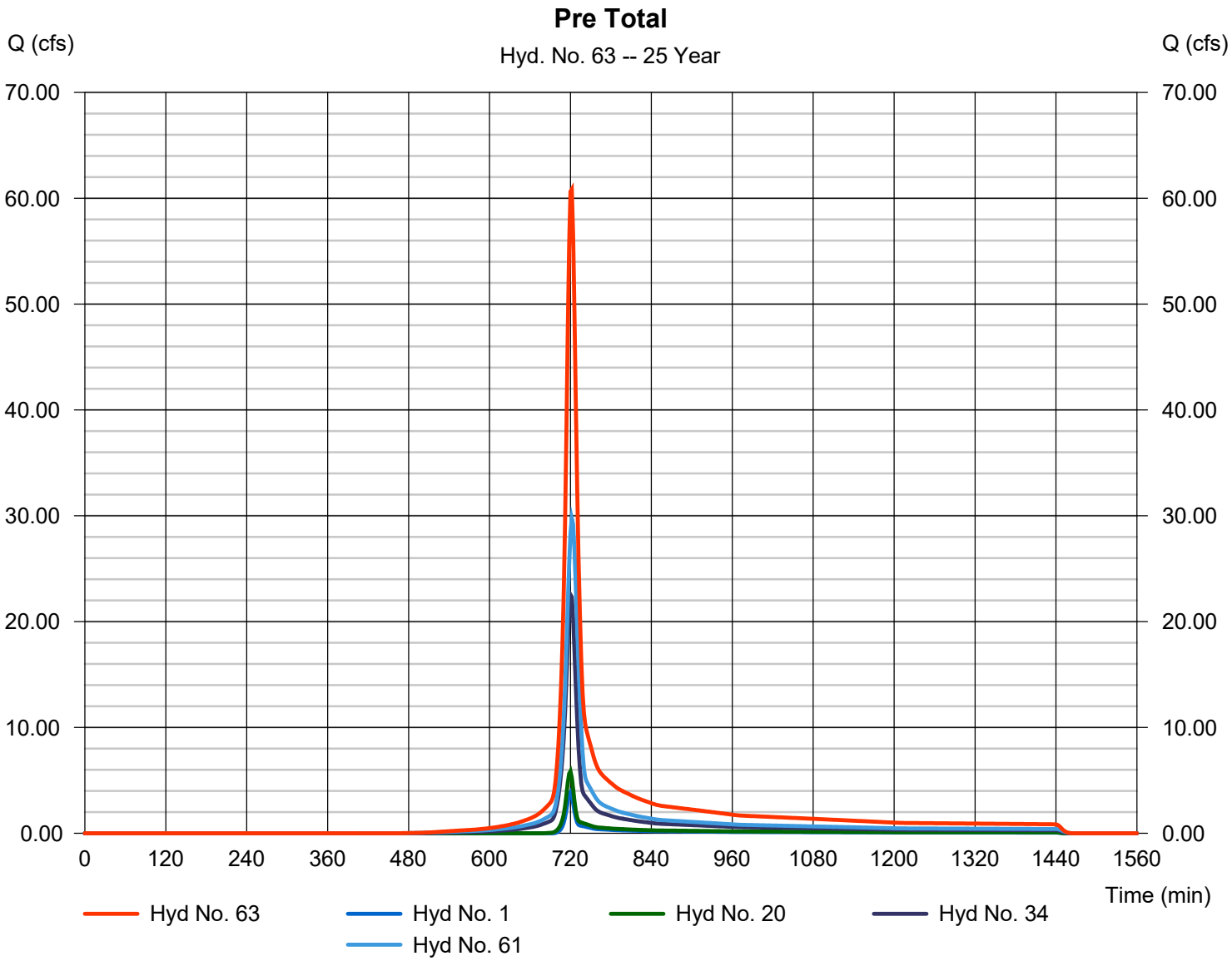
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 60.85 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 164,984 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



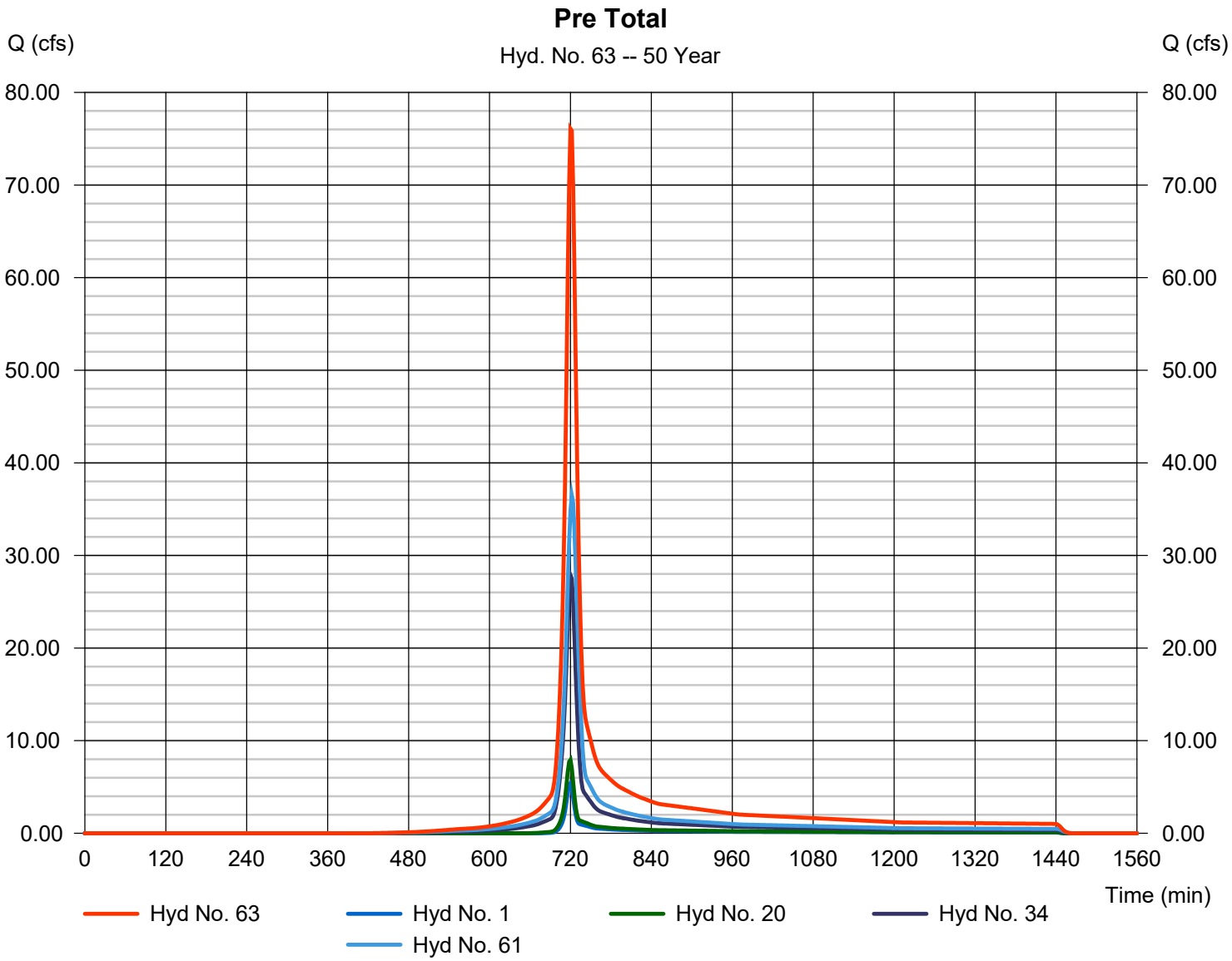
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

Hydrograph type	= Combine	Peak discharge	= 76.08 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 205,682 cuft
Inflow hyds.	= 1, 20, 34, 61	Contrib. drain. area	= 16.990 ac



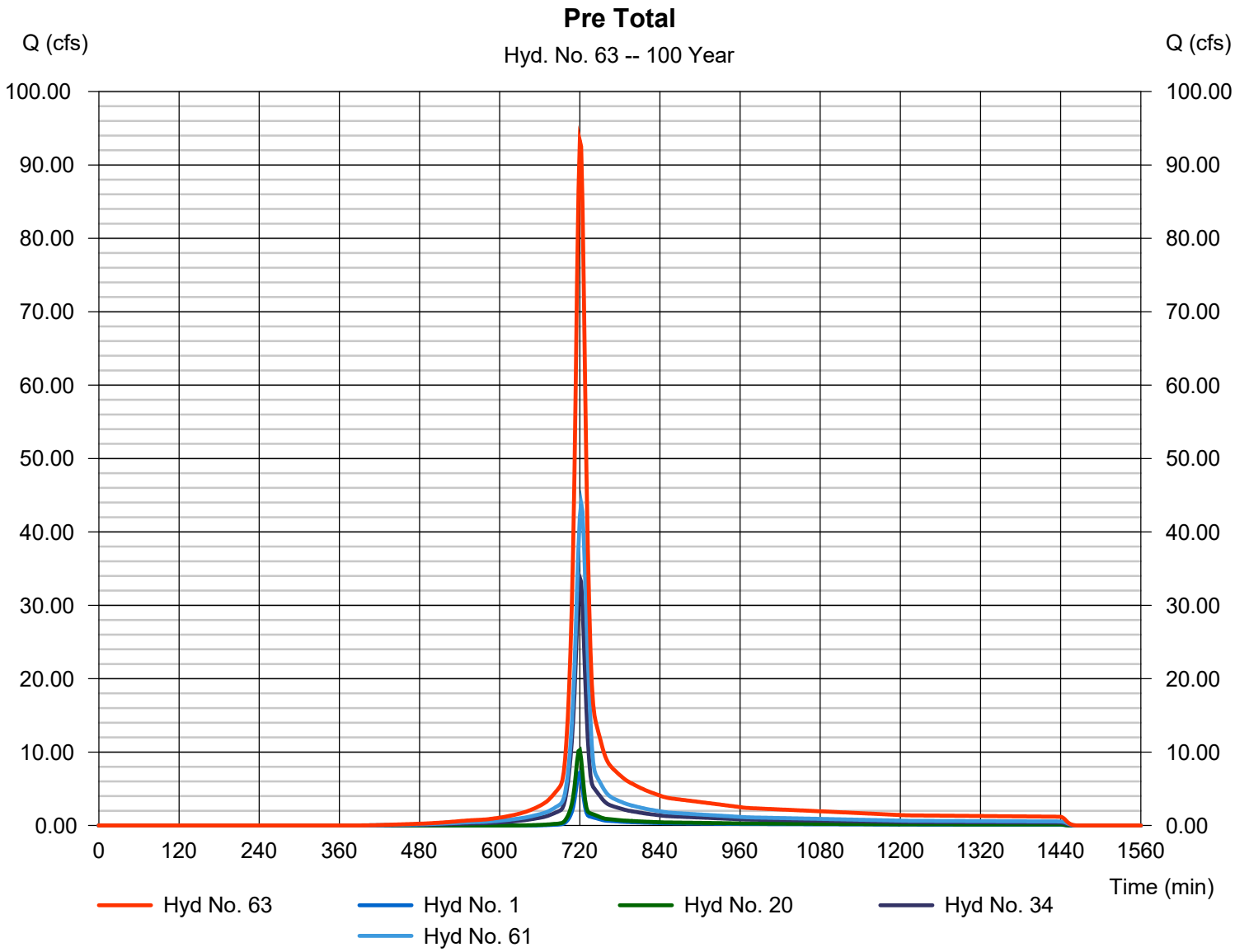
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 63

Pre Total

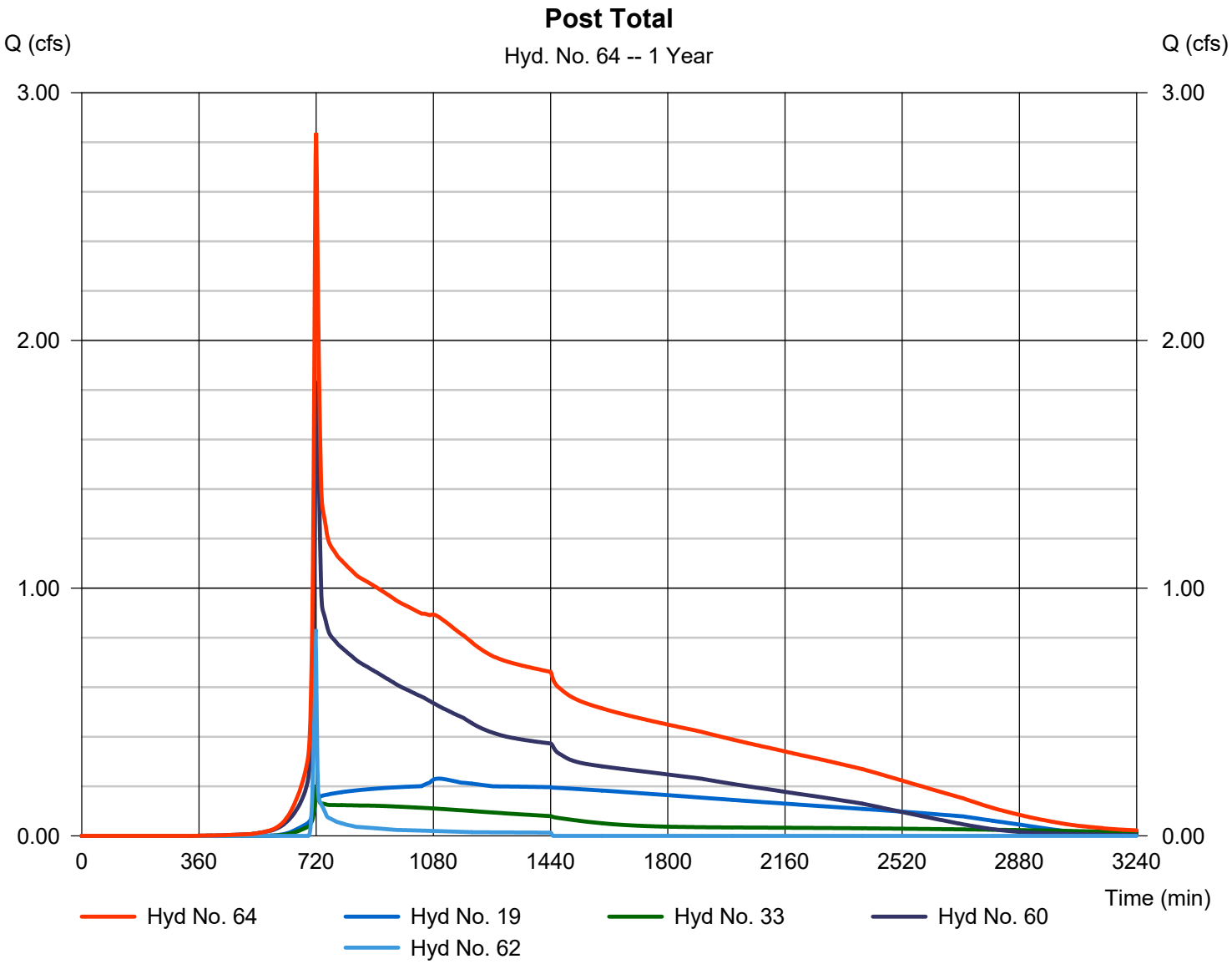
Hydrograph type	=	Combine	Peak discharge	=	93.30 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	251,506 cuft
Inflow hyds.	=	1, 20, 34, 61	Contrib. drain. area	=	16.990 ac



Hyd. No. 64

Post Total

Hydrograph type	=	Combine	Peak discharge	=	2.837 cfs
Storm frequency	=	1 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	72,162 cuft
Inflow hyds.	=	19, 33, 60, 62	Contrib. drain. area	=	0.870 ac



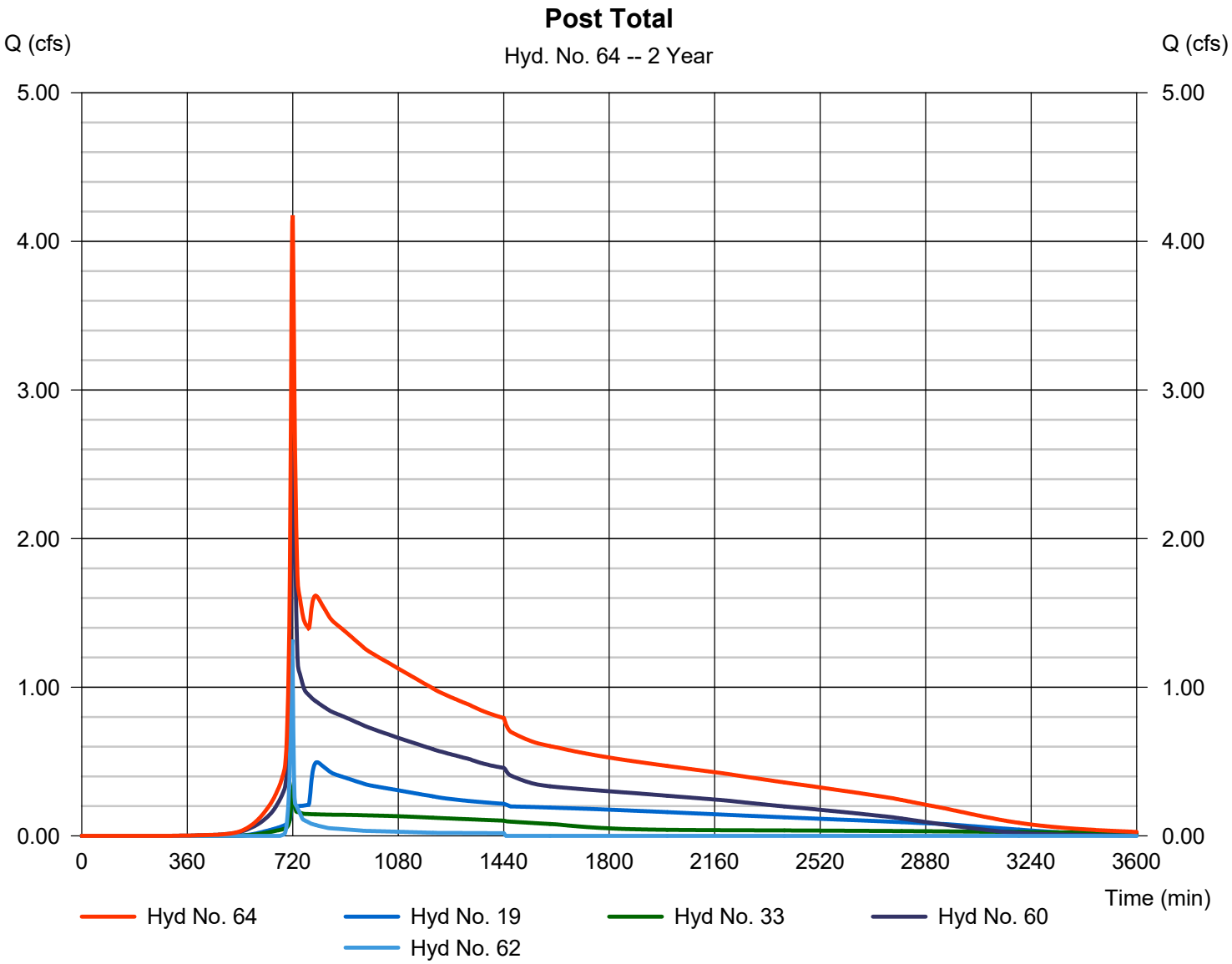
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 64

Post Total

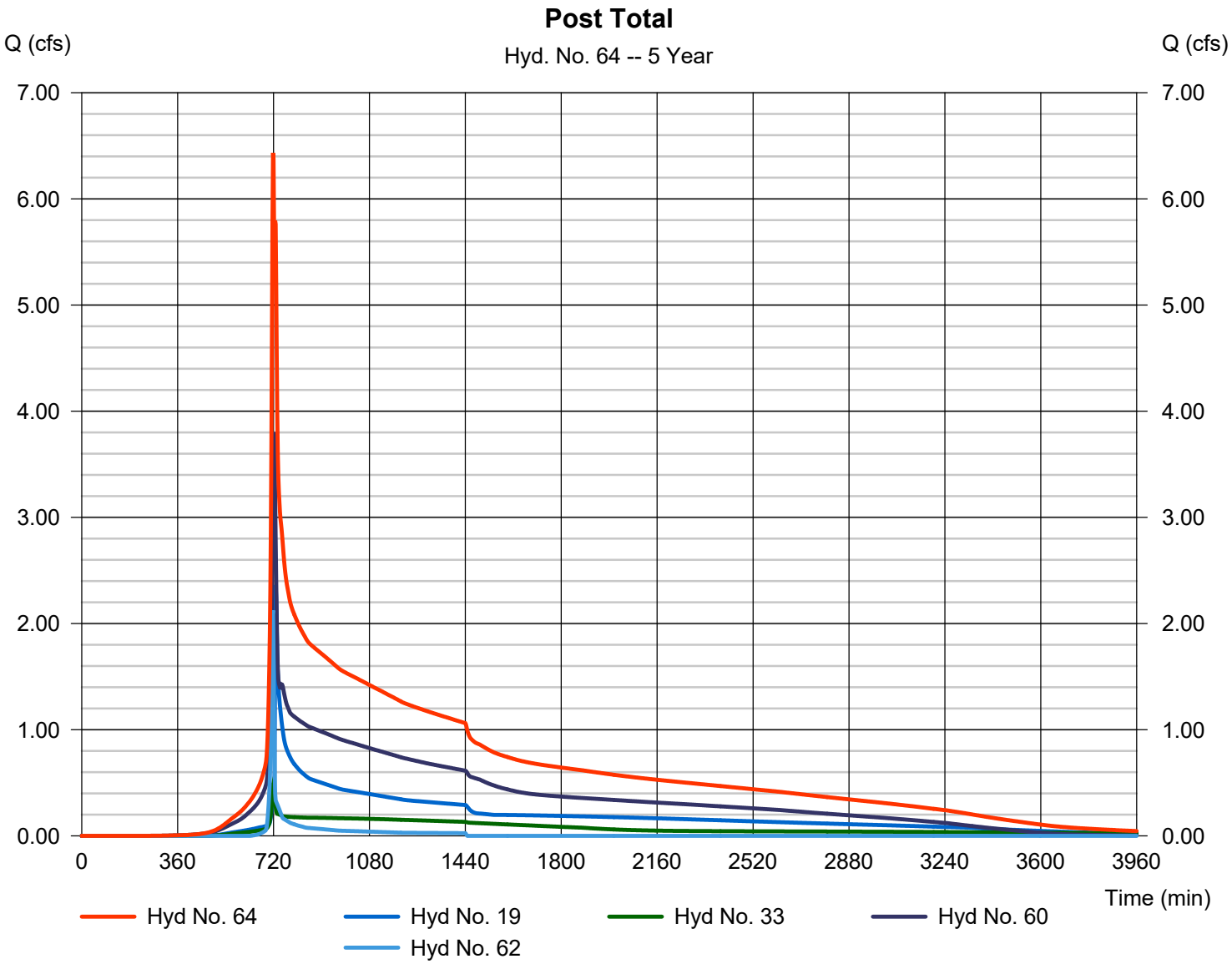
Hydrograph type	=	Combine	Peak discharge	=	4.175 cfs
Storm frequency	=	2 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	97,307 cuft
Inflow hyds.	=	19, 33, 60, 62	Contrib. drain. area	=	0.870 ac



Hyd. No. 64

Post Total

Hydrograph type	= Combine	Peak discharge	= 6.433 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 136,934 cuft
Inflow hyds.	= 19, 33, 60, 62	Contrib. drain. area	= 0.870 ac

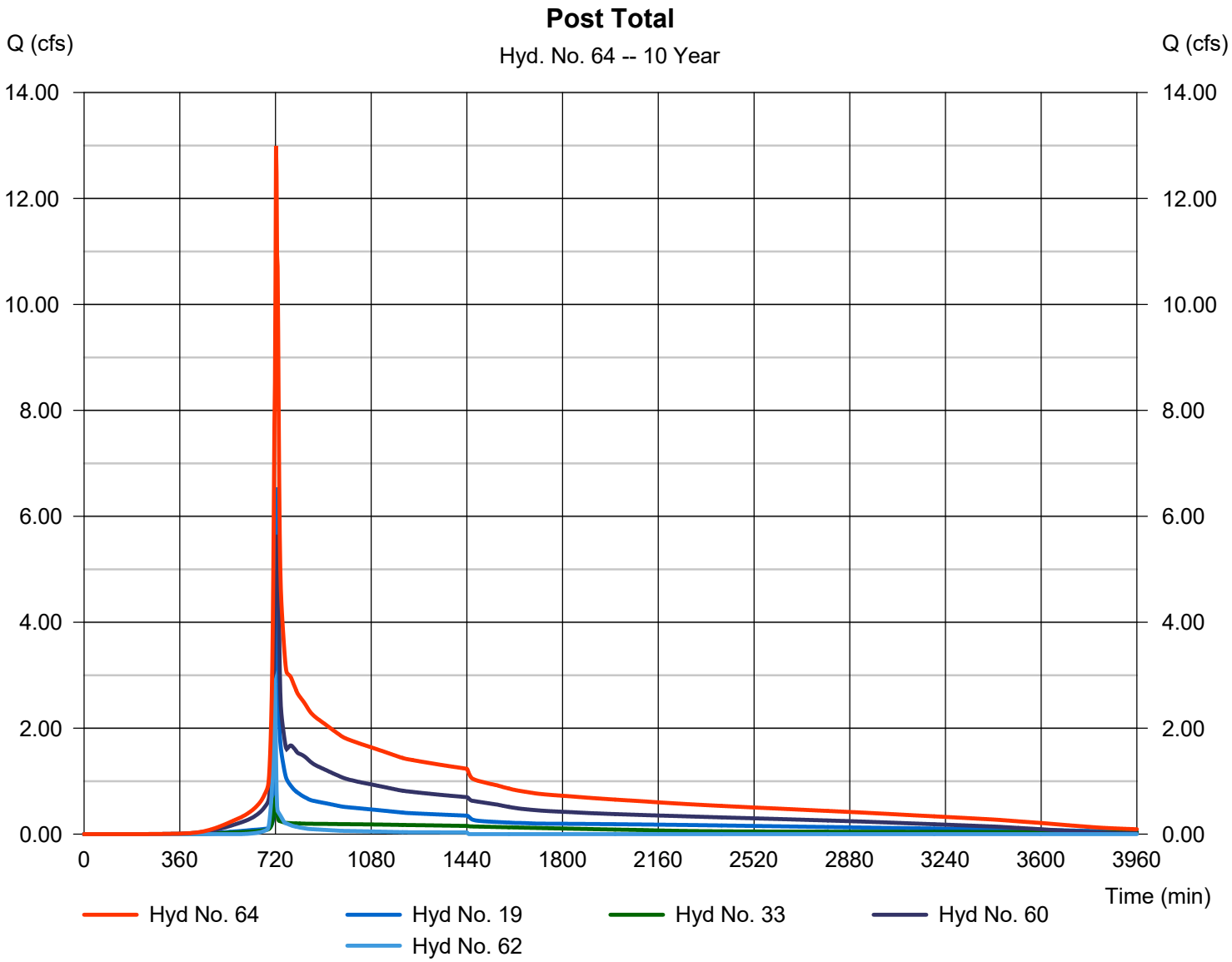


Hydrograph Report

Hyd. No. 64

Post Total

Hydrograph type	= Combine	Peak discharge	= 12.99 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 171,655 cuft
Inflow hyds.	= 19, 33, 60, 62	Contrib. drain. area	= 0.870 ac

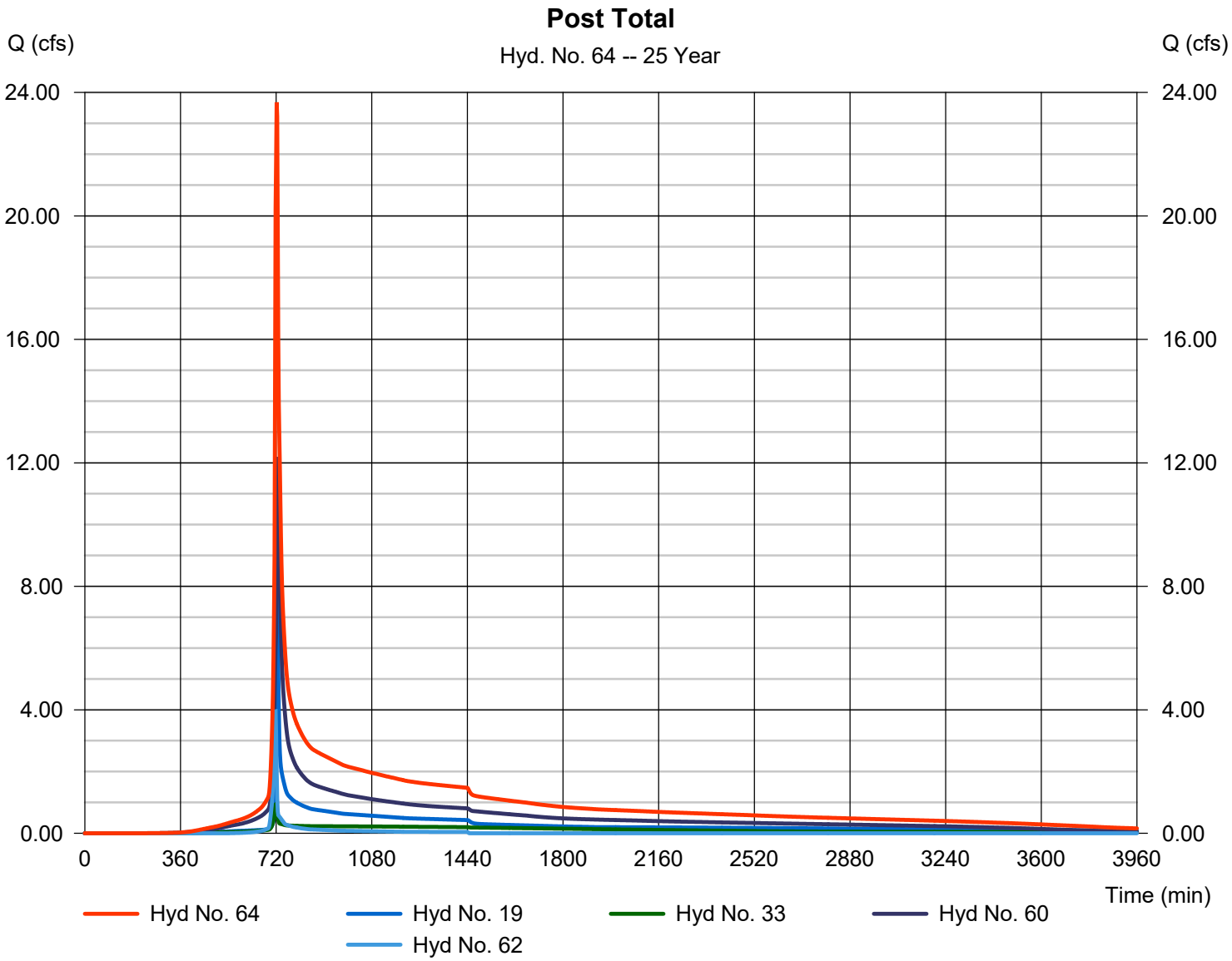


Hydrograph Report

Hyd. No. 64

Post Total

Hydrograph type	= Combine	Peak discharge	= 23.68 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 222,960 cuft
Inflow hyds.	= 19, 33, 60, 62	Contrib. drain. area	= 0.870 ac



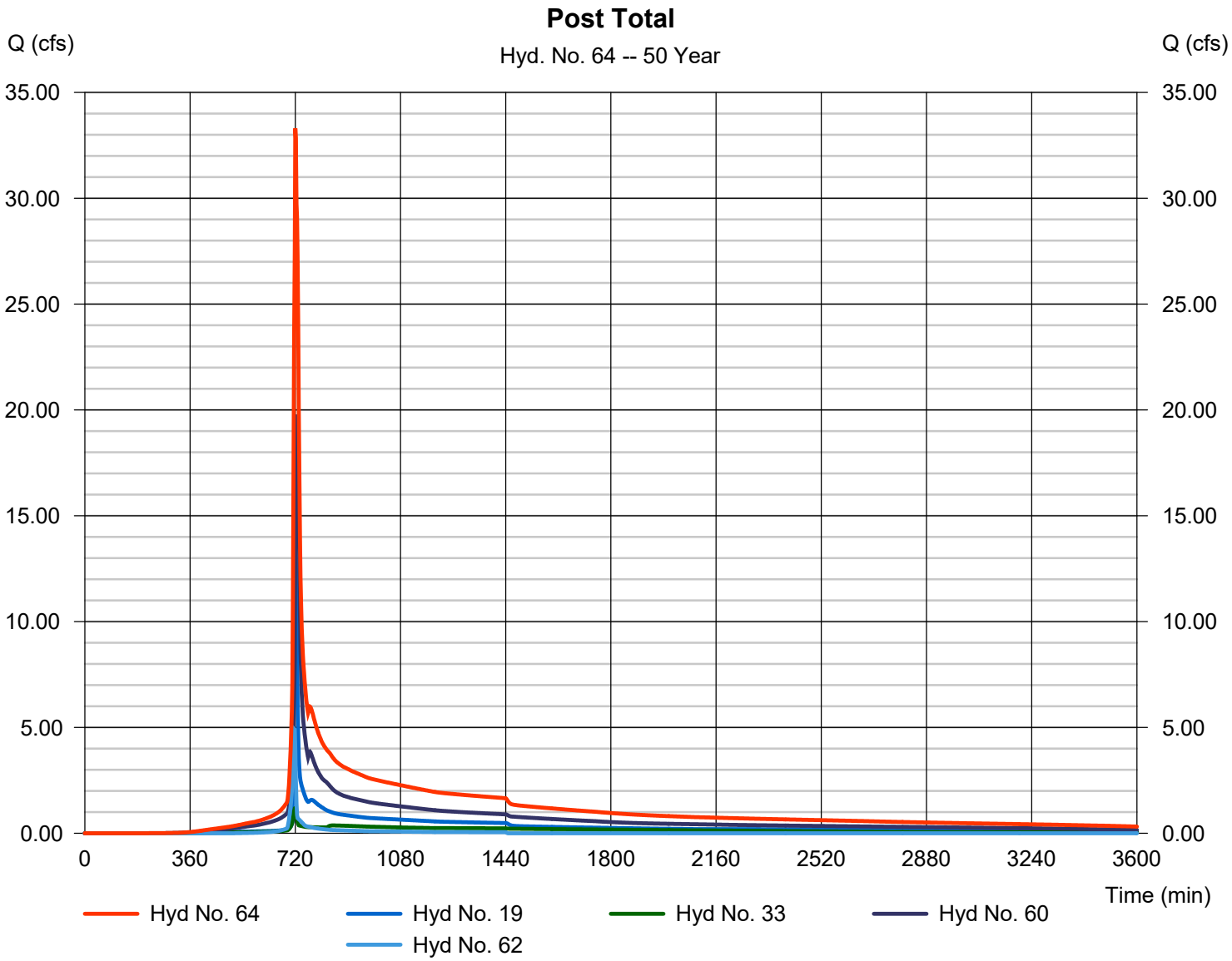
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 64

Post Total

Hydrograph type	=	Combine	Peak discharge	=	33.30 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	266,846 cuft
Inflow hyds.	=	19, 33, 60, 62	Contrib. drain. area	=	0.870 ac



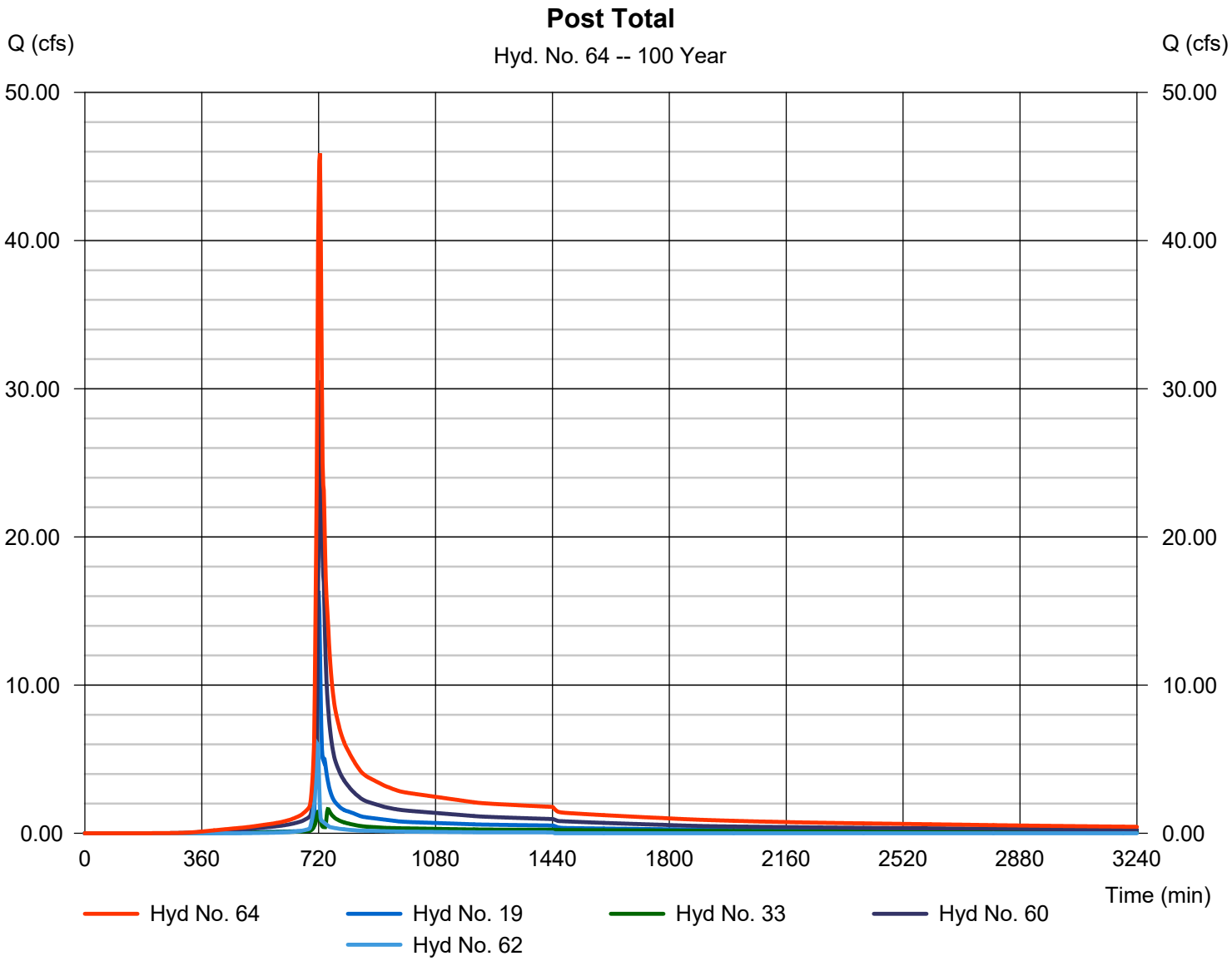
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 64

Post Total

Hydrograph type	=	Combine	Peak discharge	=	45.88 cfs
Storm frequency	=	100 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	314,860 cuft
Inflow hyds.	=	19, 33, 60, 62	Contrib. drain. area	=	0.870 ac



SECTION 2.1

CN CALCULATION

PRE DEV POI #1

GROUND COVER	AREA (ACRES)	CN
WOODS	1.81	55
MEADOWS	0.08	58

TOTAL 1.89

TR55 Tc Worksheet

Hyd. No. 1

Pre Dev POI #1

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 29.40		0.00		0.00		
Travel Time (min)	**= 7.28**	**+**	**0.00**	**+**	**0.00**	**=**	**7.28**
Shallow Concentrated Flow							
Flow length (ft)	= 257.00		193.00		0.00		
Watercourse slope (%)	= 20.60		13.00		0.00		
Surface description	= Unpaved		Unpaved		Unpaved		
Average velocity (ft/s)	=7.32		5.82		0.00		
Travel Time (min)	**= 0.58**	**+**	**0.55**	**+**	**0.00**	**=**	**1.14**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 8.40 min

Hydrograph Report

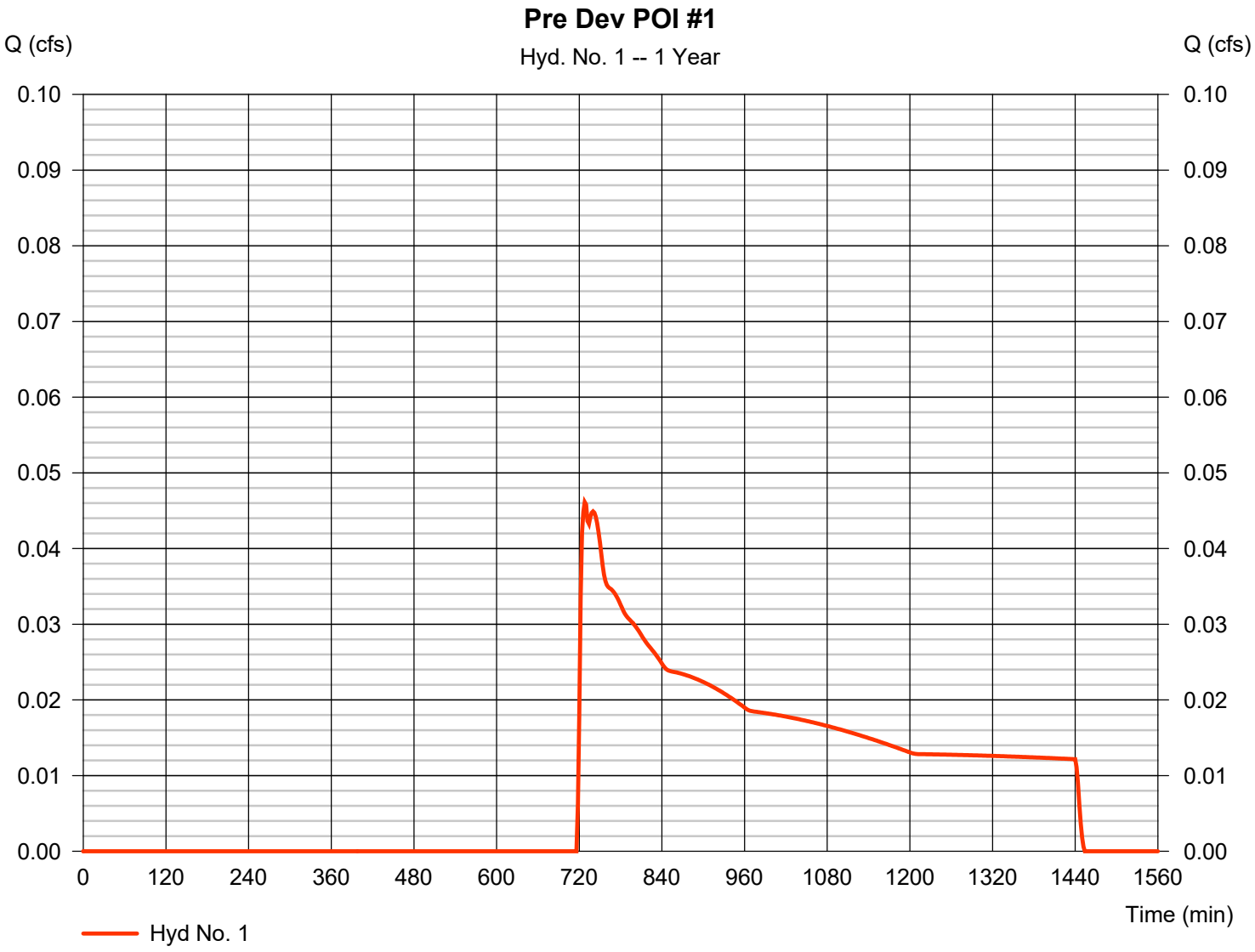
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.046 cfs
Storm frequency	= 1 yrs	Time to peak	= 728 min
Time interval	= 2 min	Hyd. volume	= 824 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

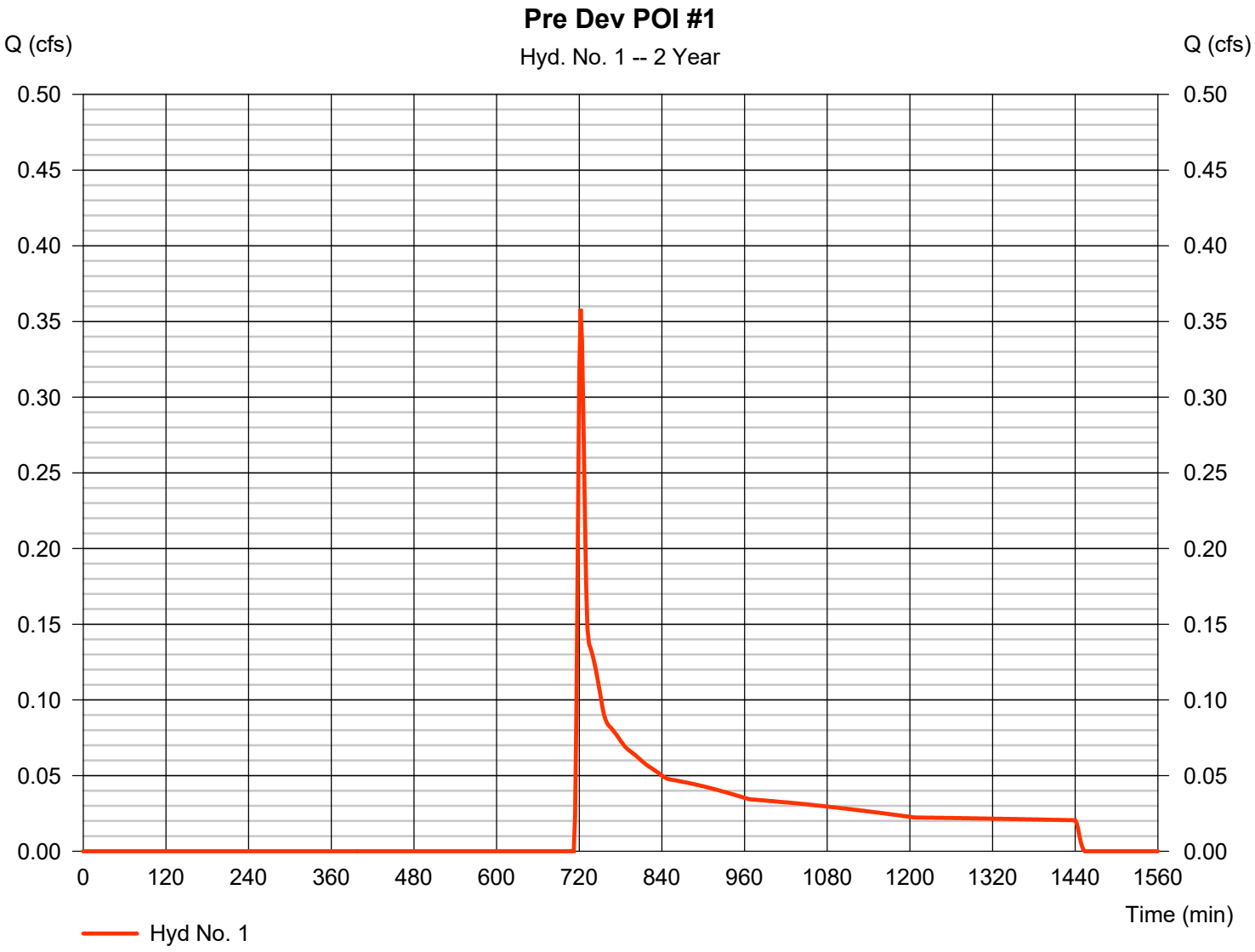
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.358 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 1,802 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

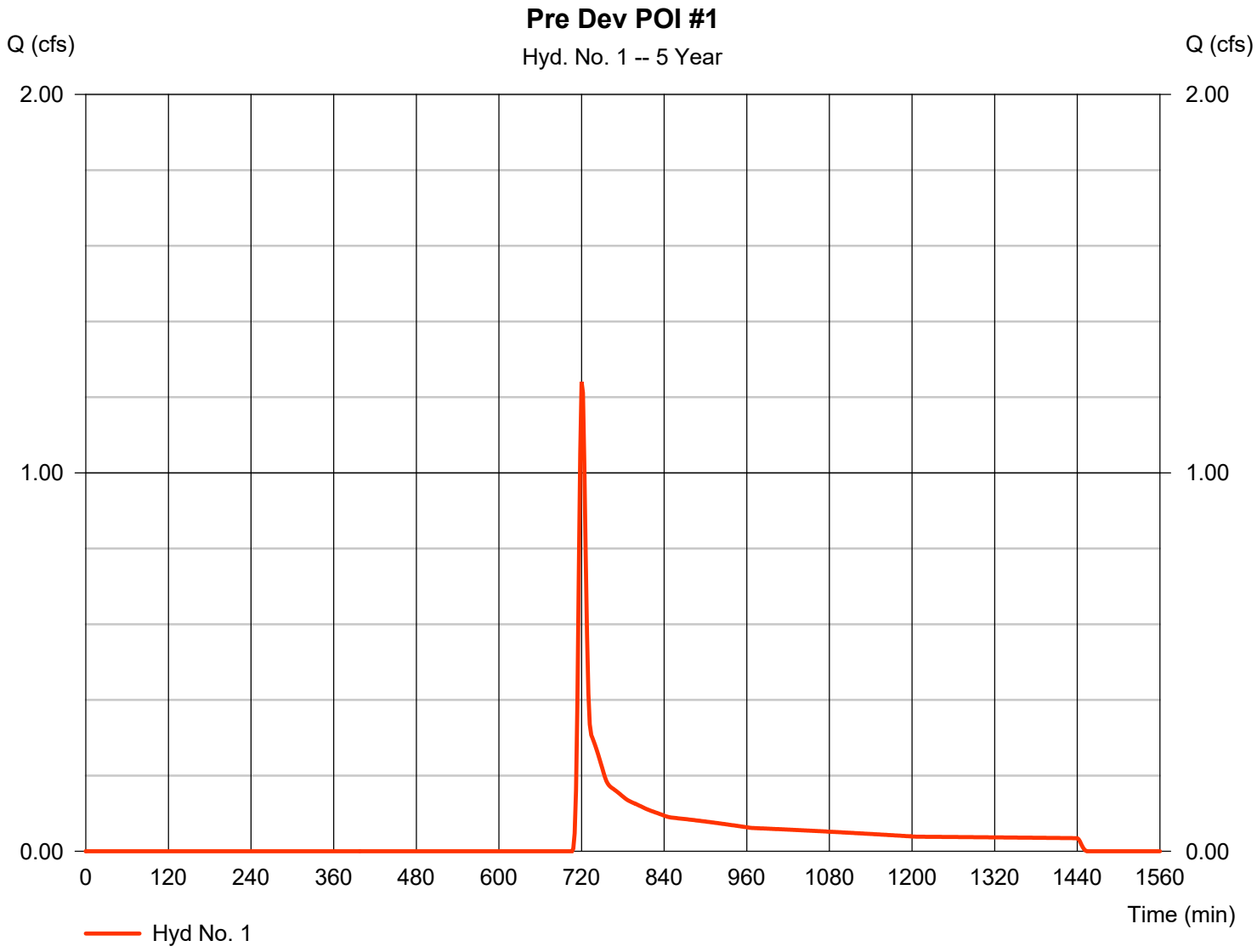
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 1.240 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 3,800 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

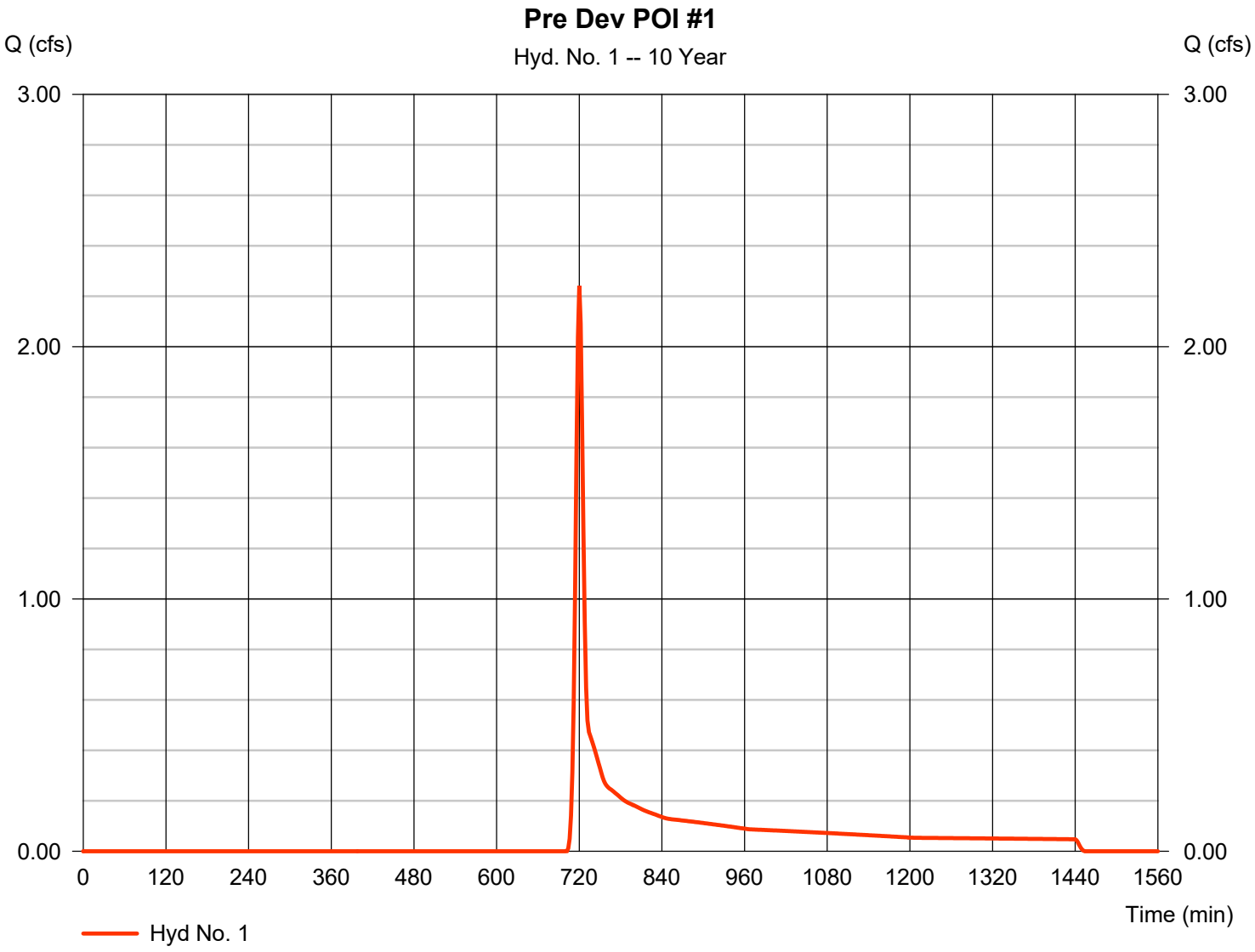
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 2.241 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 5,887 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

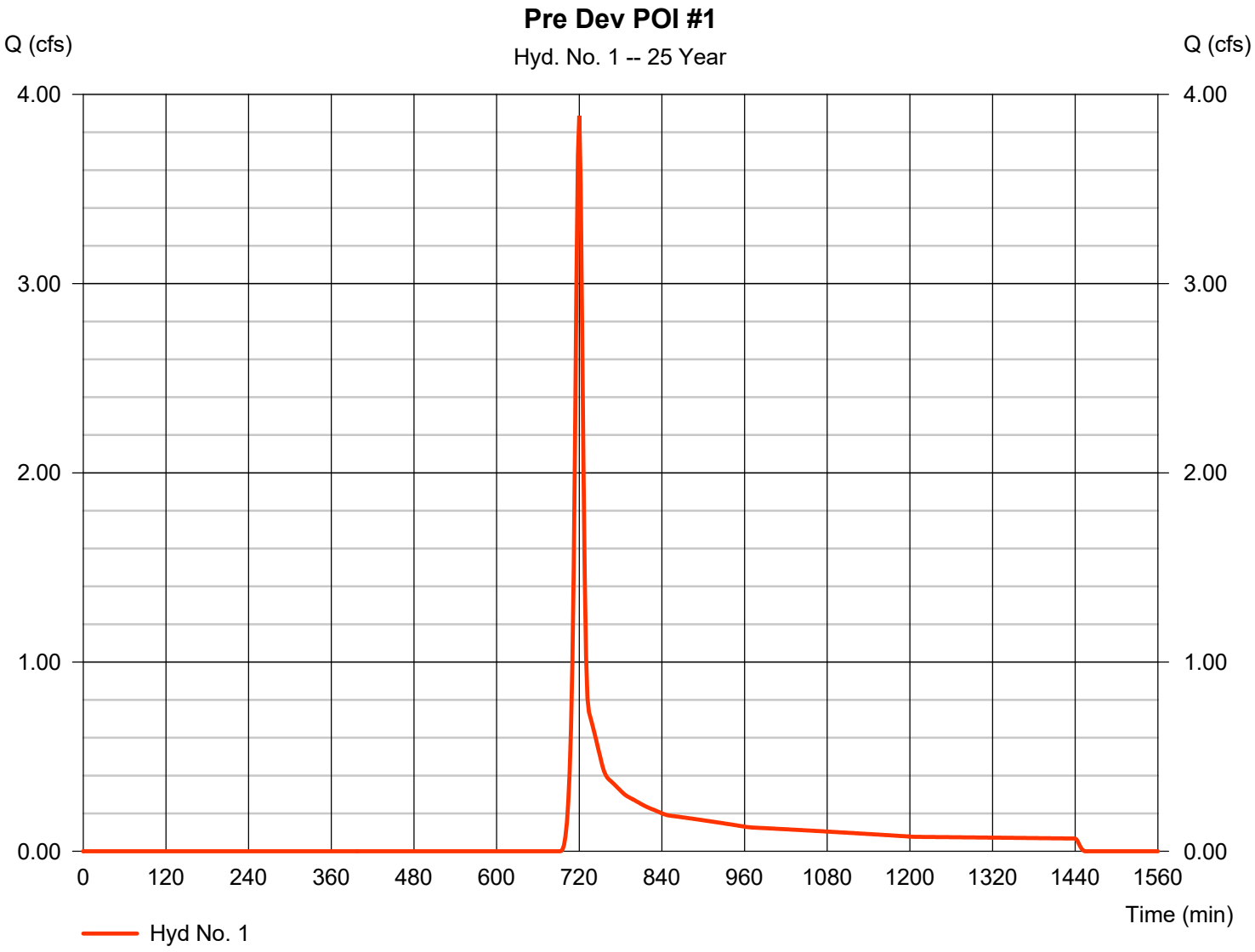
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 3.887 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 9,404 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

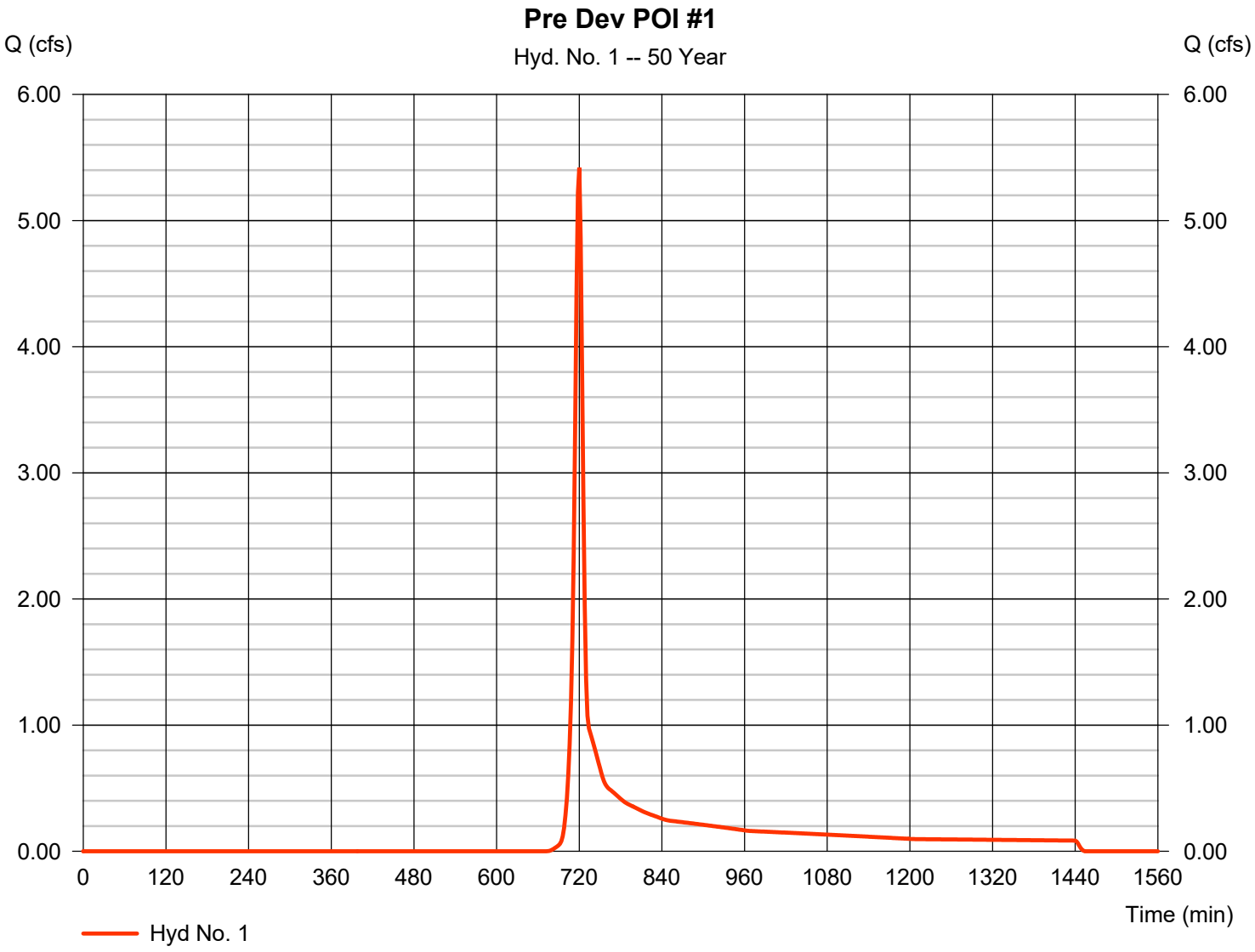
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 5.418 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 12,733 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890



Hydrograph Report

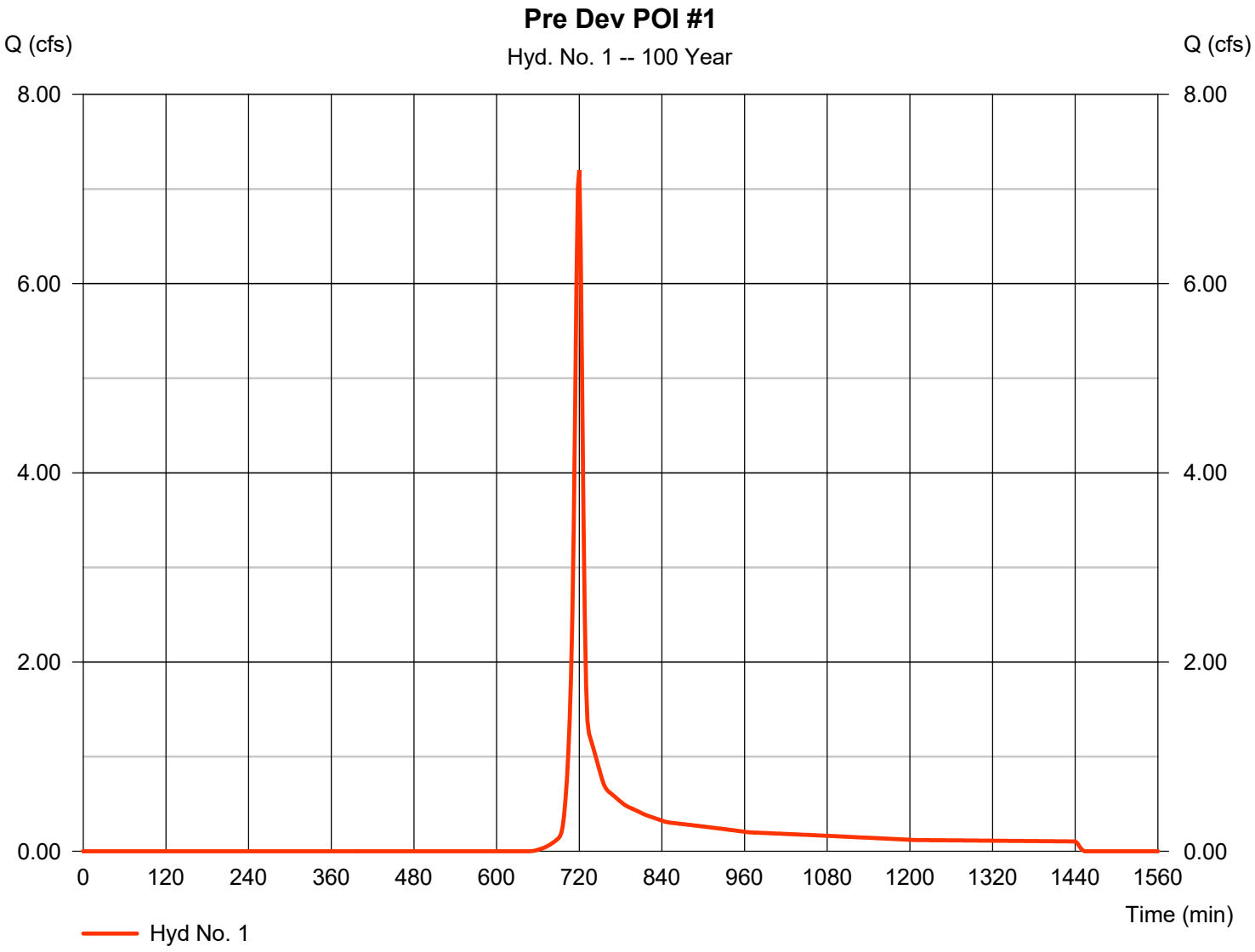
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 7.199 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 16,659 cuft
Drainage area	= 1.890 ac	Curve number	= 55*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.40 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.810 x 55) + (0.080 x 58)] / 1.890

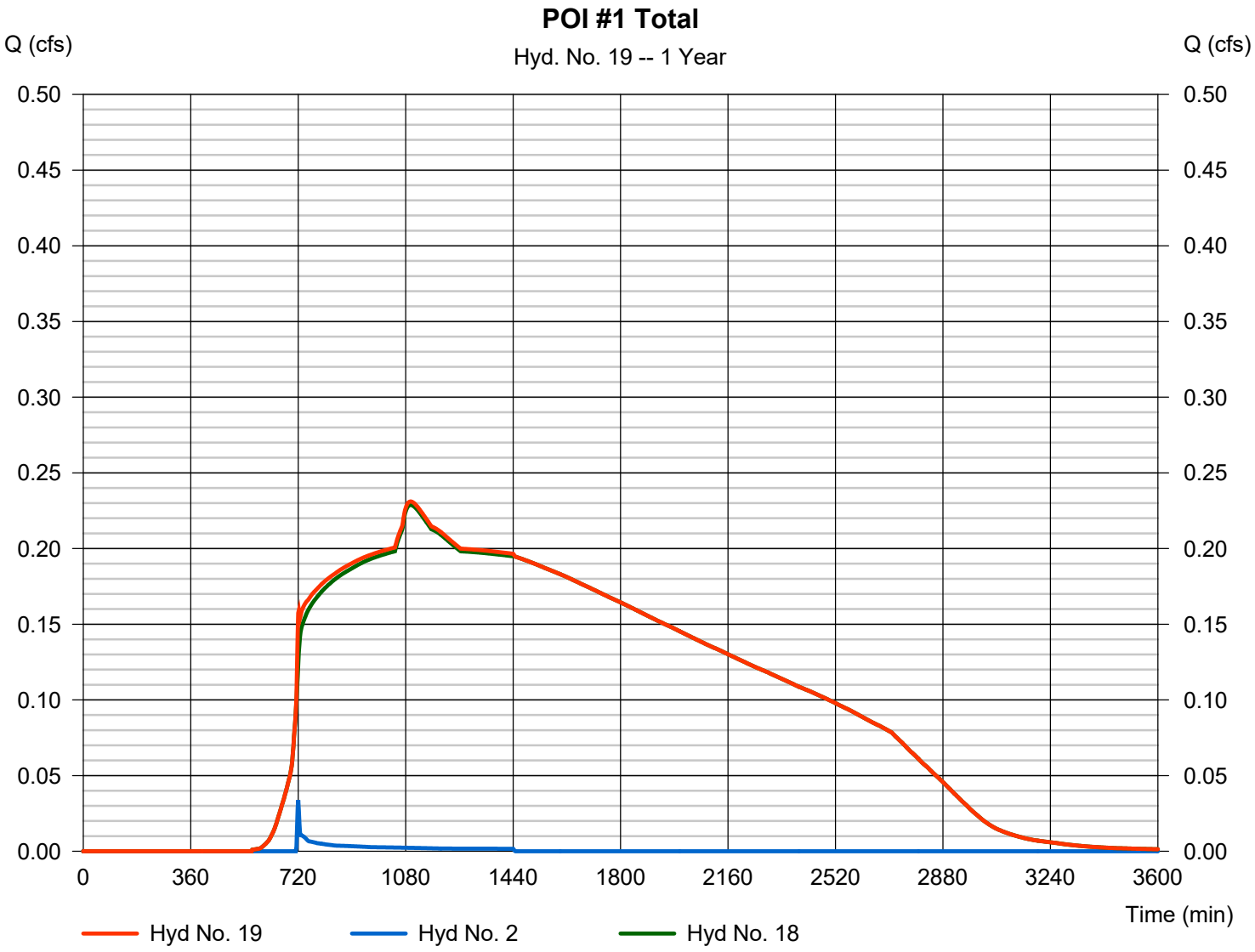


Hydrograph Report

Hyd. No. 19

POI #1 Total

Hydrograph type	=	Combine	Peak discharge	=	0.231 cfs
Storm frequency	=	1 yrs	Time to peak	=	1096 min
Time interval	=	2 min	Hyd. volume	=	20,454 cuft
Inflow hyds.	=	2, 18	Contrib. drain. area	=	0.200 ac

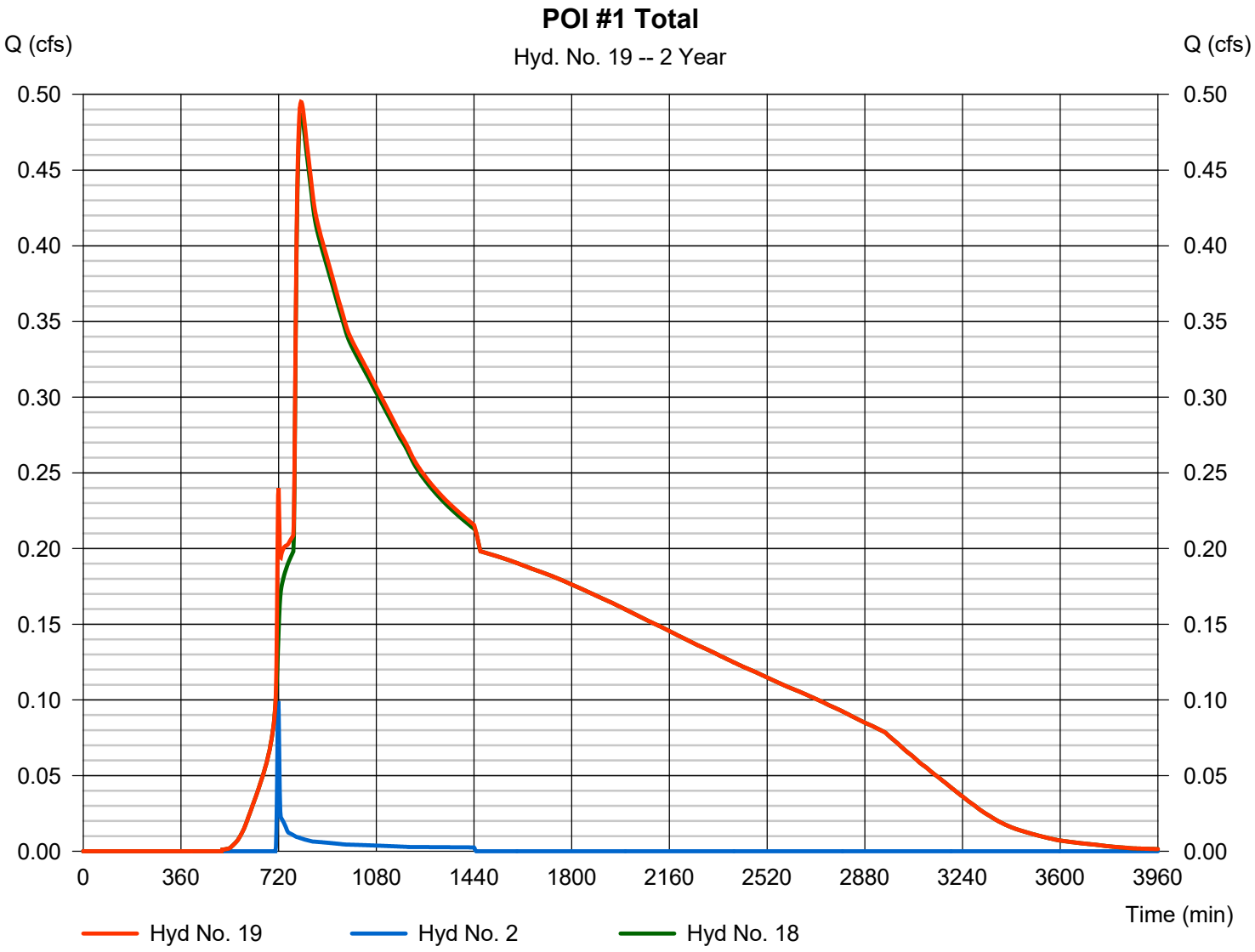


Hydrograph Report

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 0.495 cfs
Storm frequency	= 2 yrs	Time to peak	= 802 min
Time interval	= 2 min	Hyd. volume	= 27,859 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



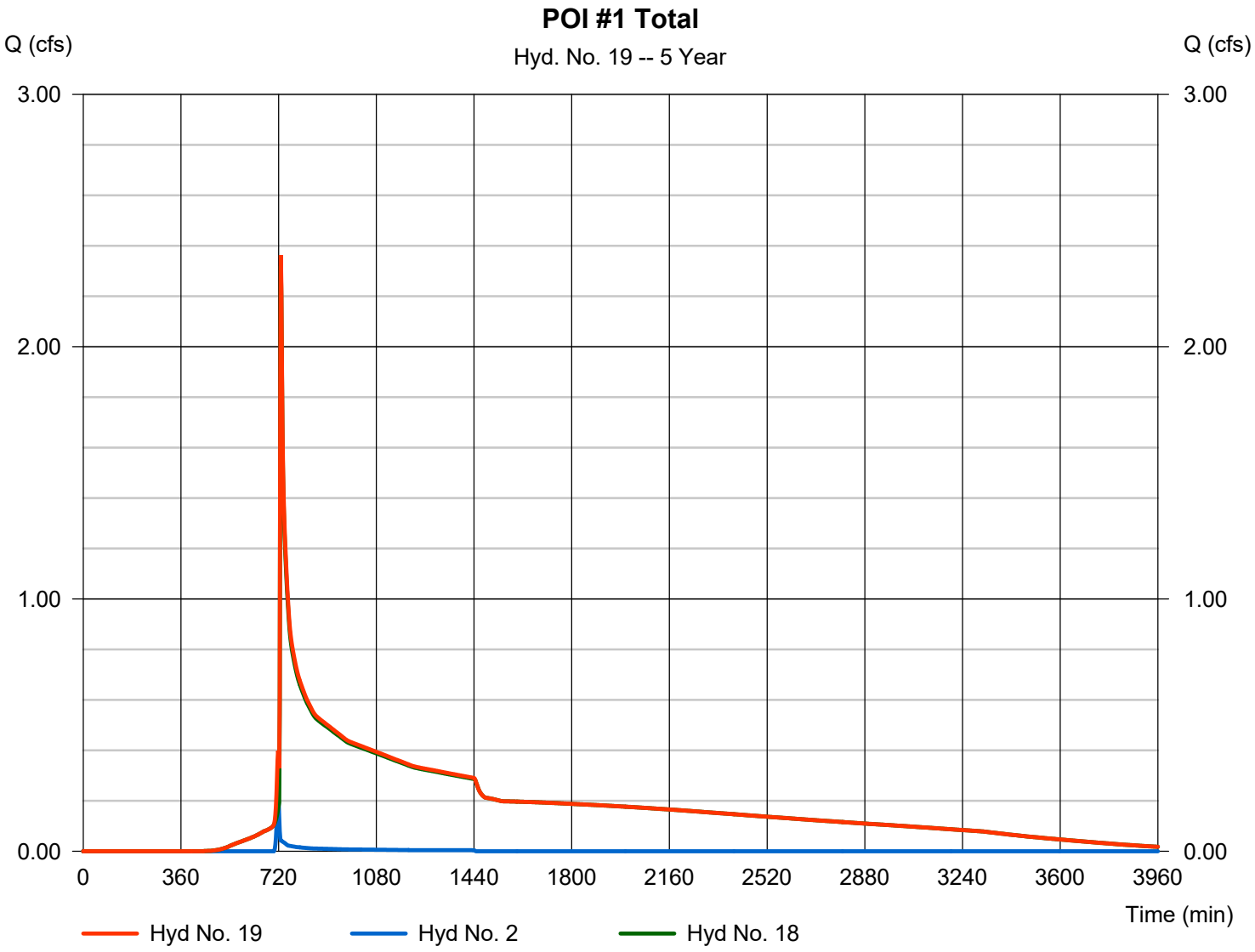
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 2.364 cfs
Storm frequency	= 5 yrs	Time to peak	= 728 min
Time interval	= 2 min	Hyd. volume	= 39,624 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



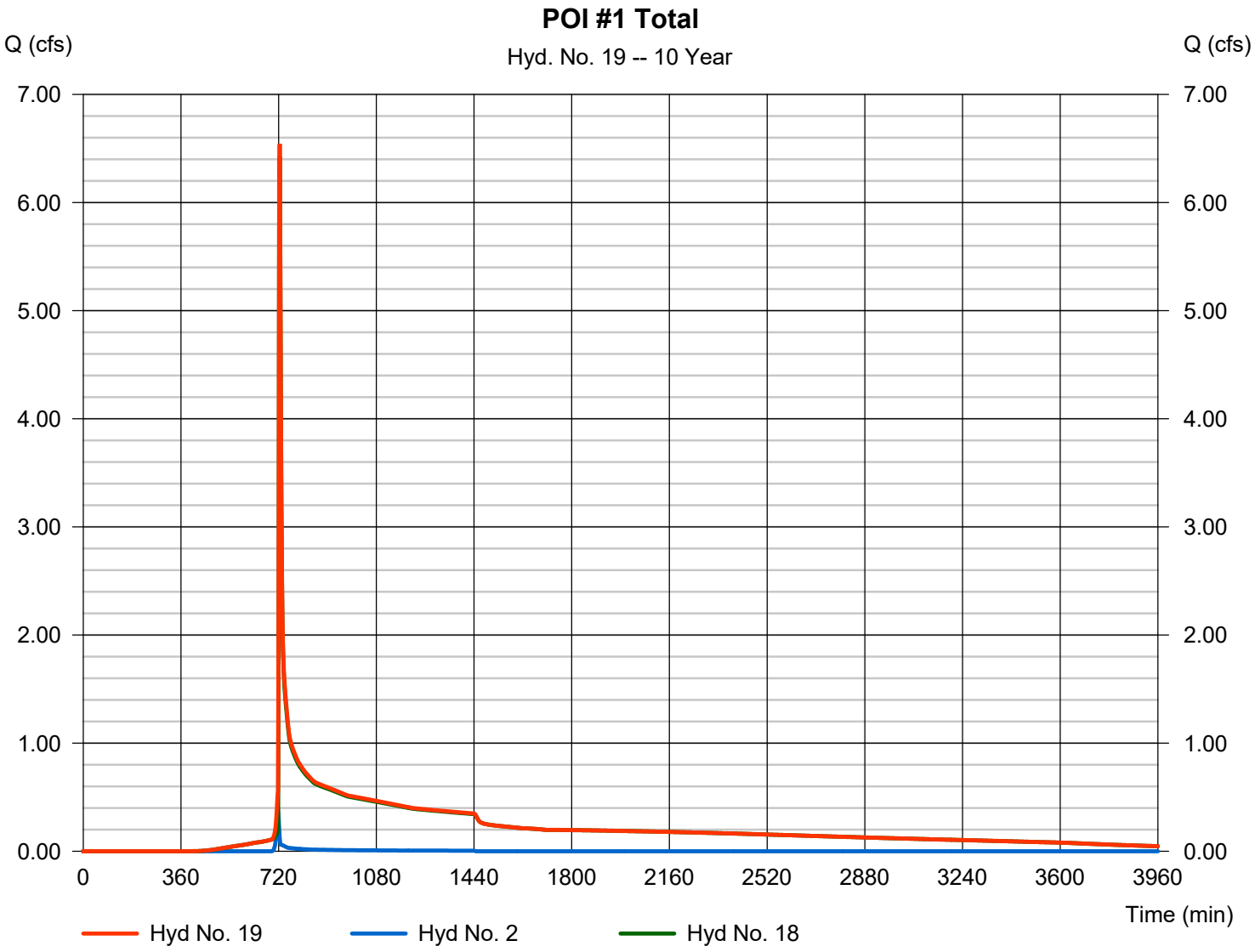
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 6.541 cfs
Storm frequency	= 10 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 49,996 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



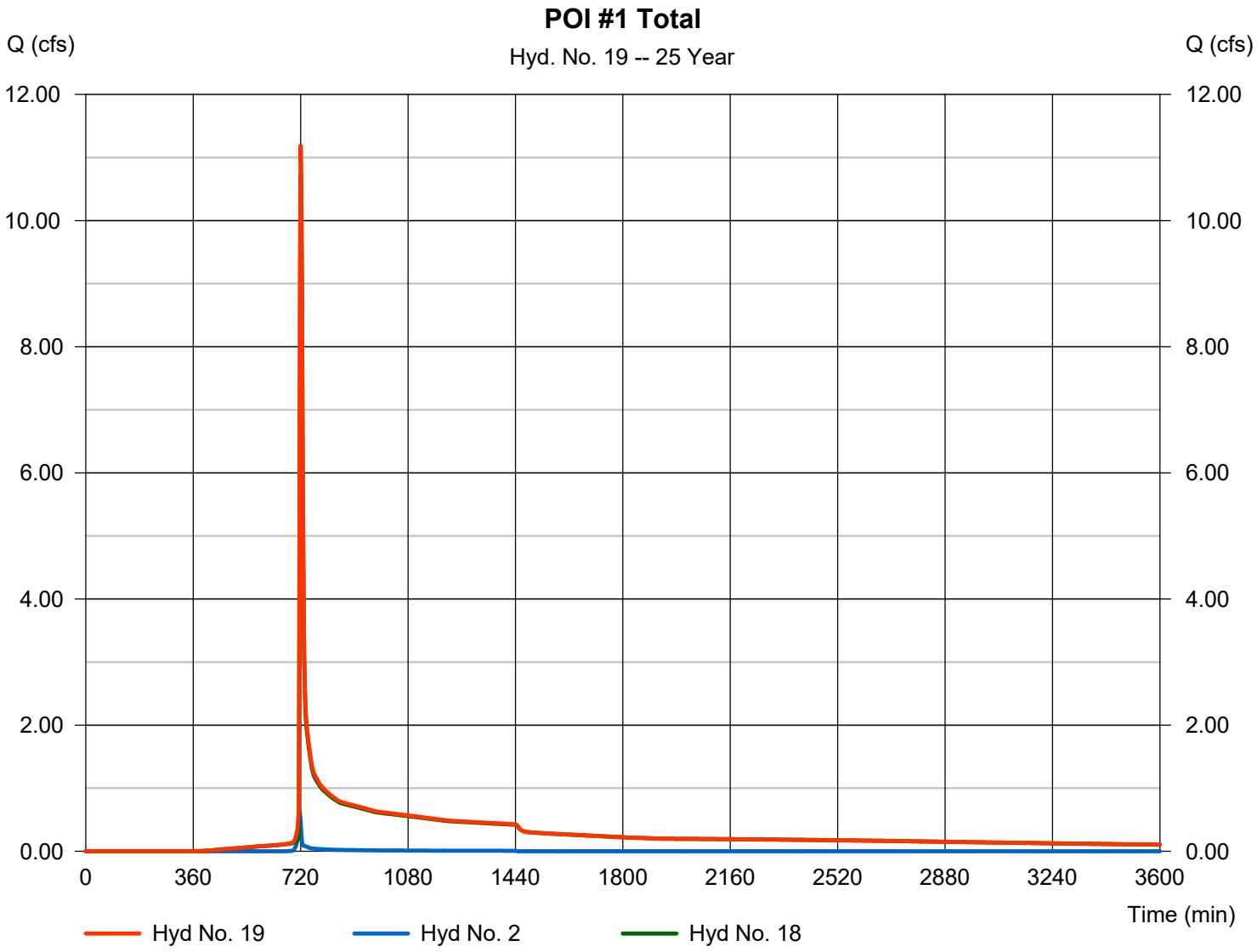
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 11.20 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 65,396 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



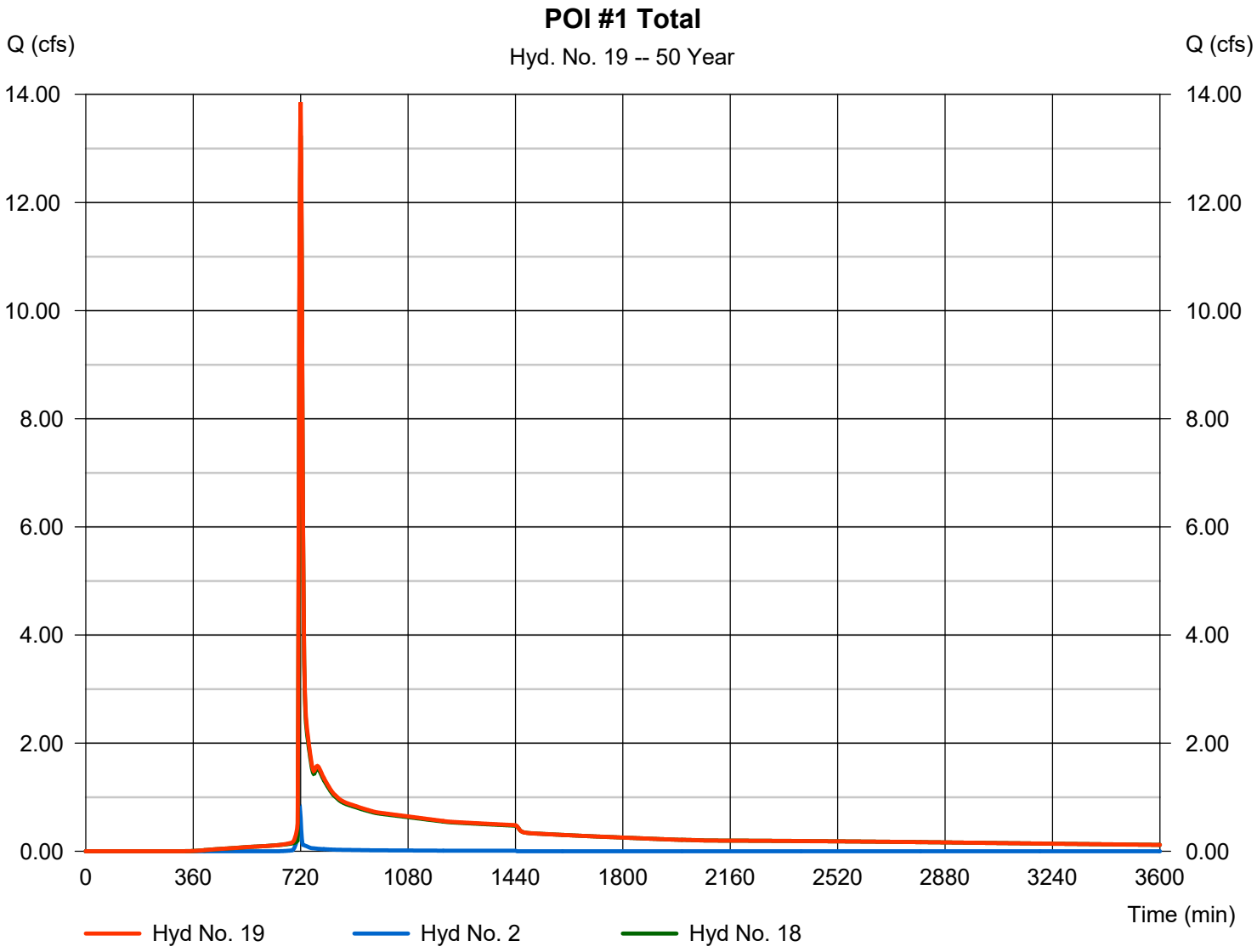
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 13.86 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 78,554 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



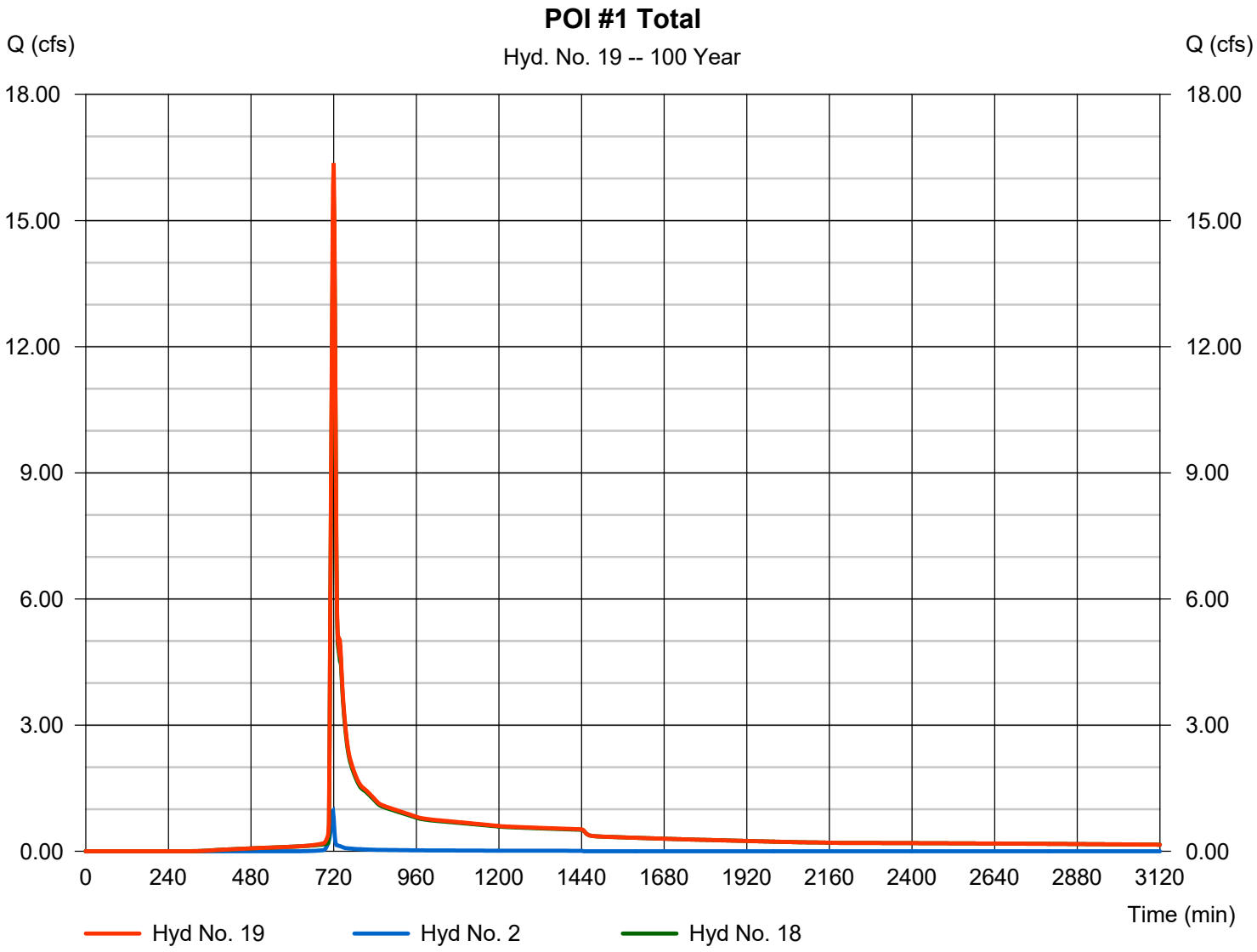
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 19

POI #1 Total

Hydrograph type	= Combine	Peak discharge	= 16.37 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 92,789 cuft
Inflow hyds.	= 2, 18	Contrib. drain. area	= 0.200 ac



CN CALCULATION

POST BYPASS POI #1

GROUND COVER	AREA (ACRES)	CN
MEADOWS	0.14	58
LAWNS	0.06	61

TOTAL 0.20

Hydrograph Report

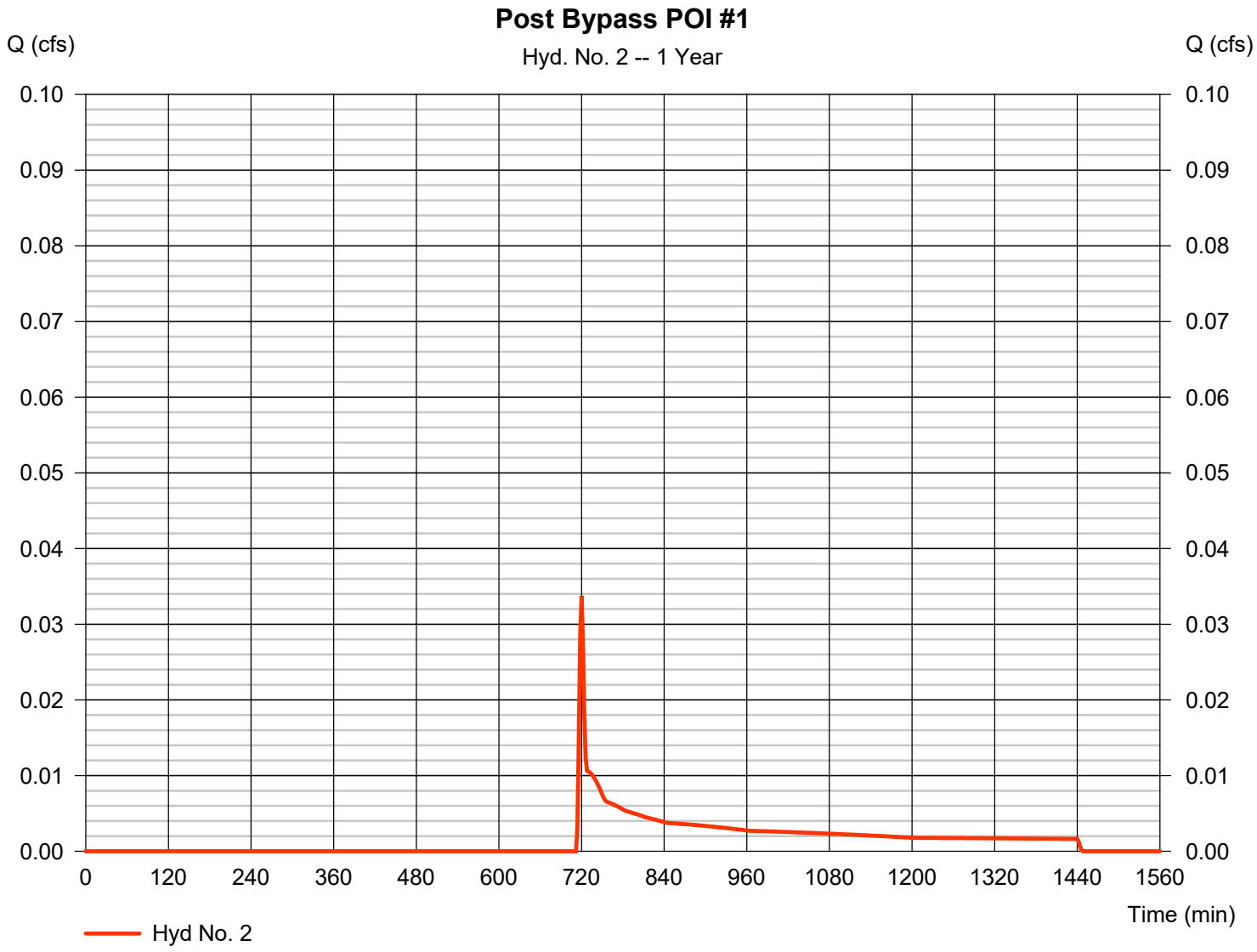
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.034 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 139 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

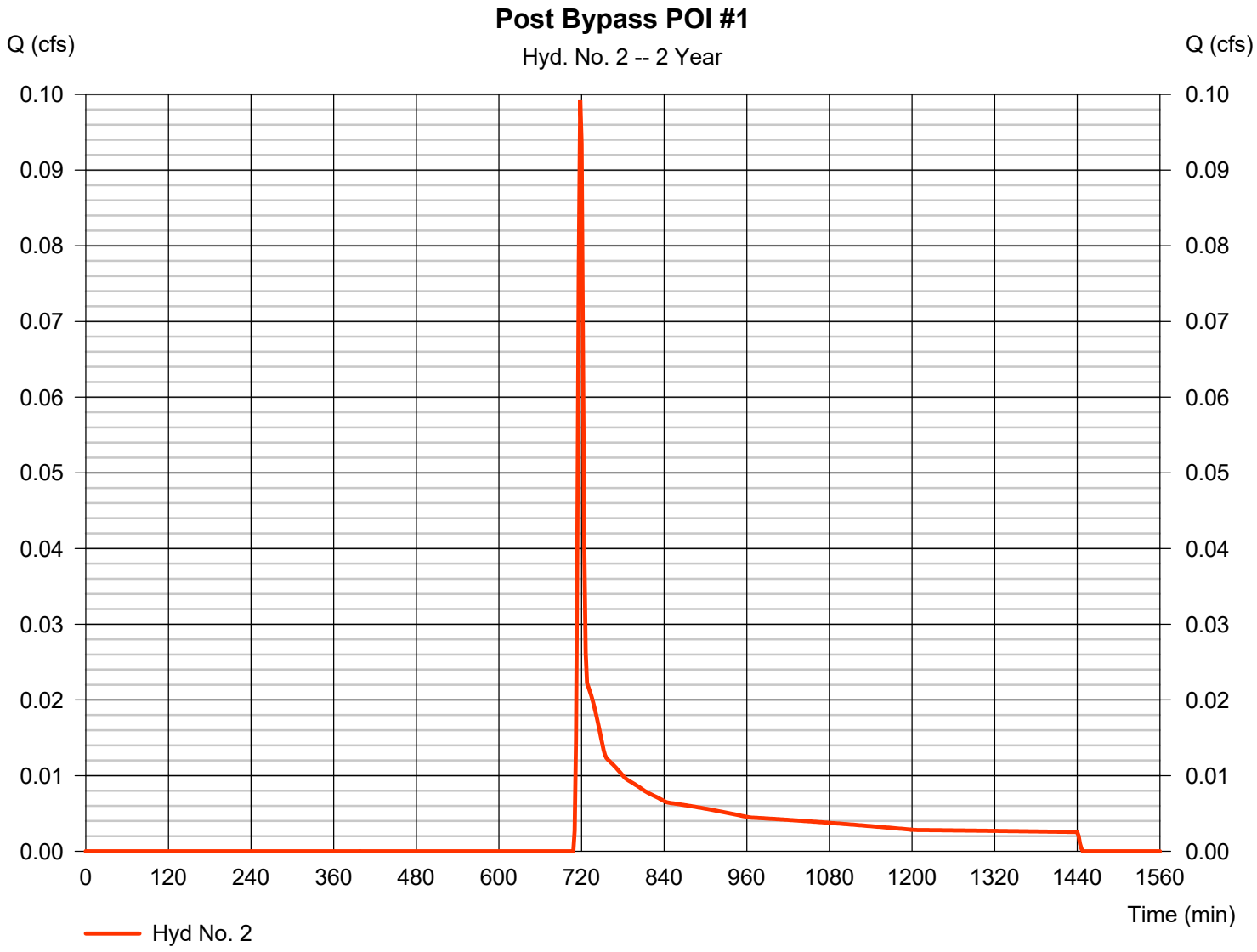
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.099 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 265 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

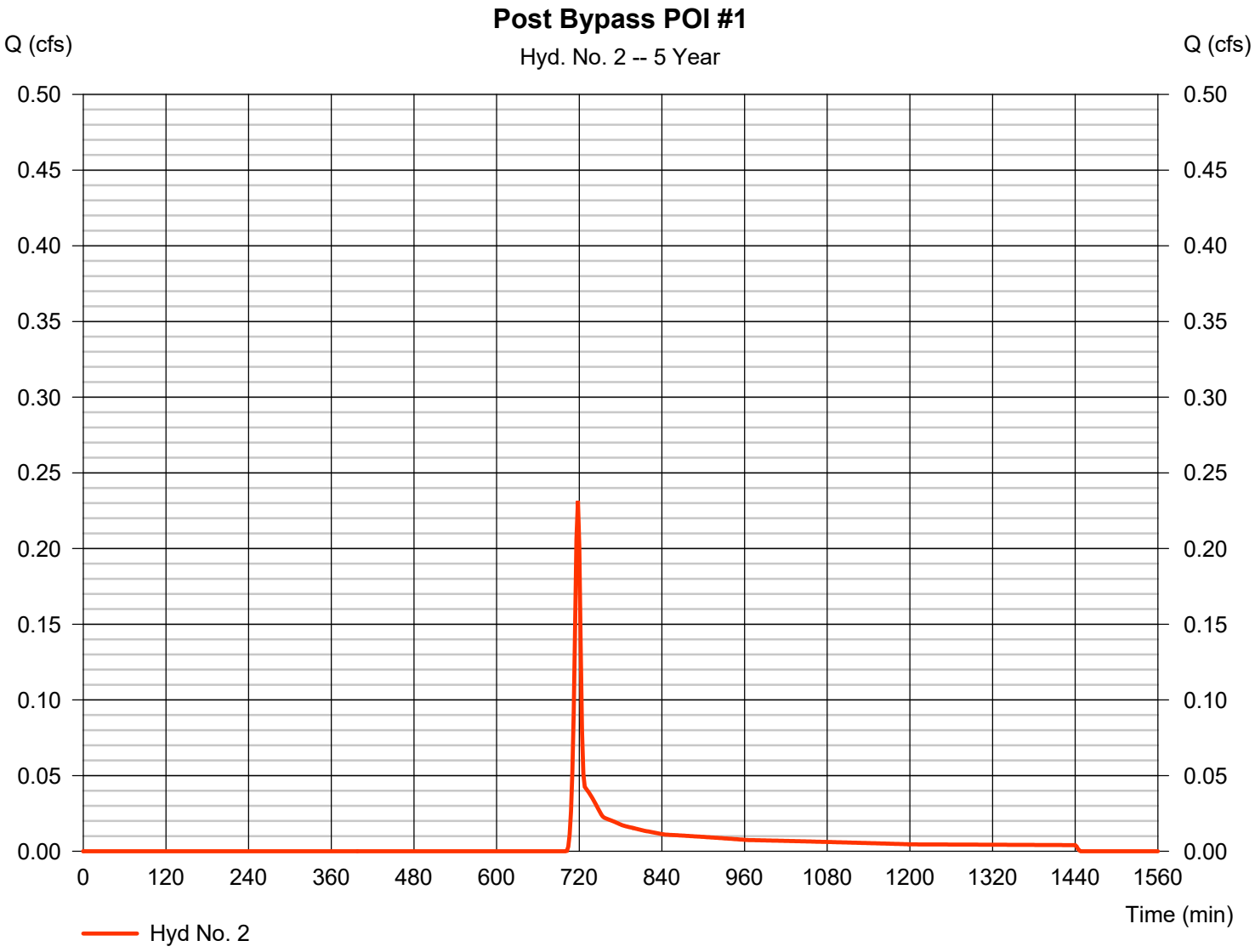
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.231 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 504 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

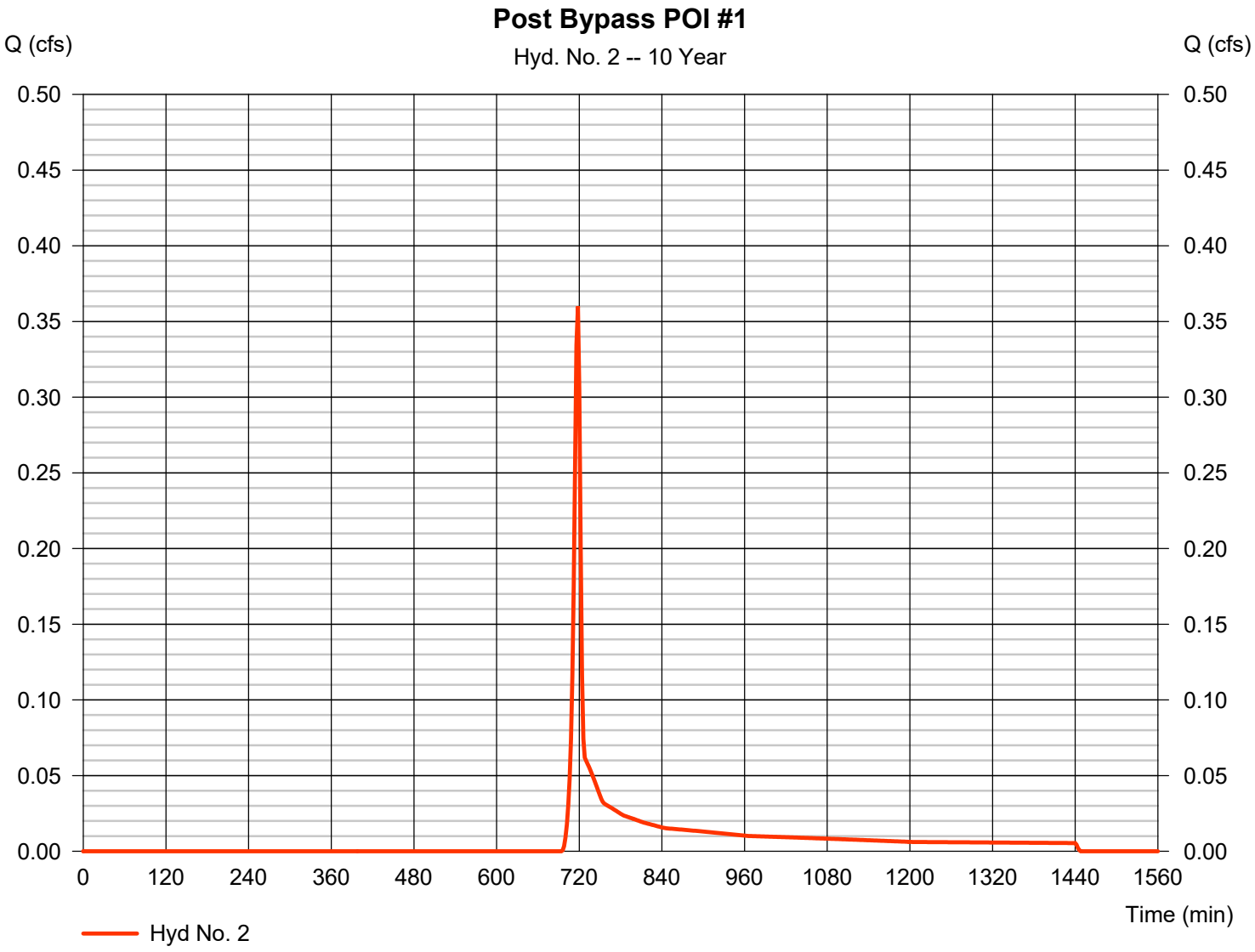
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.360 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 745 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

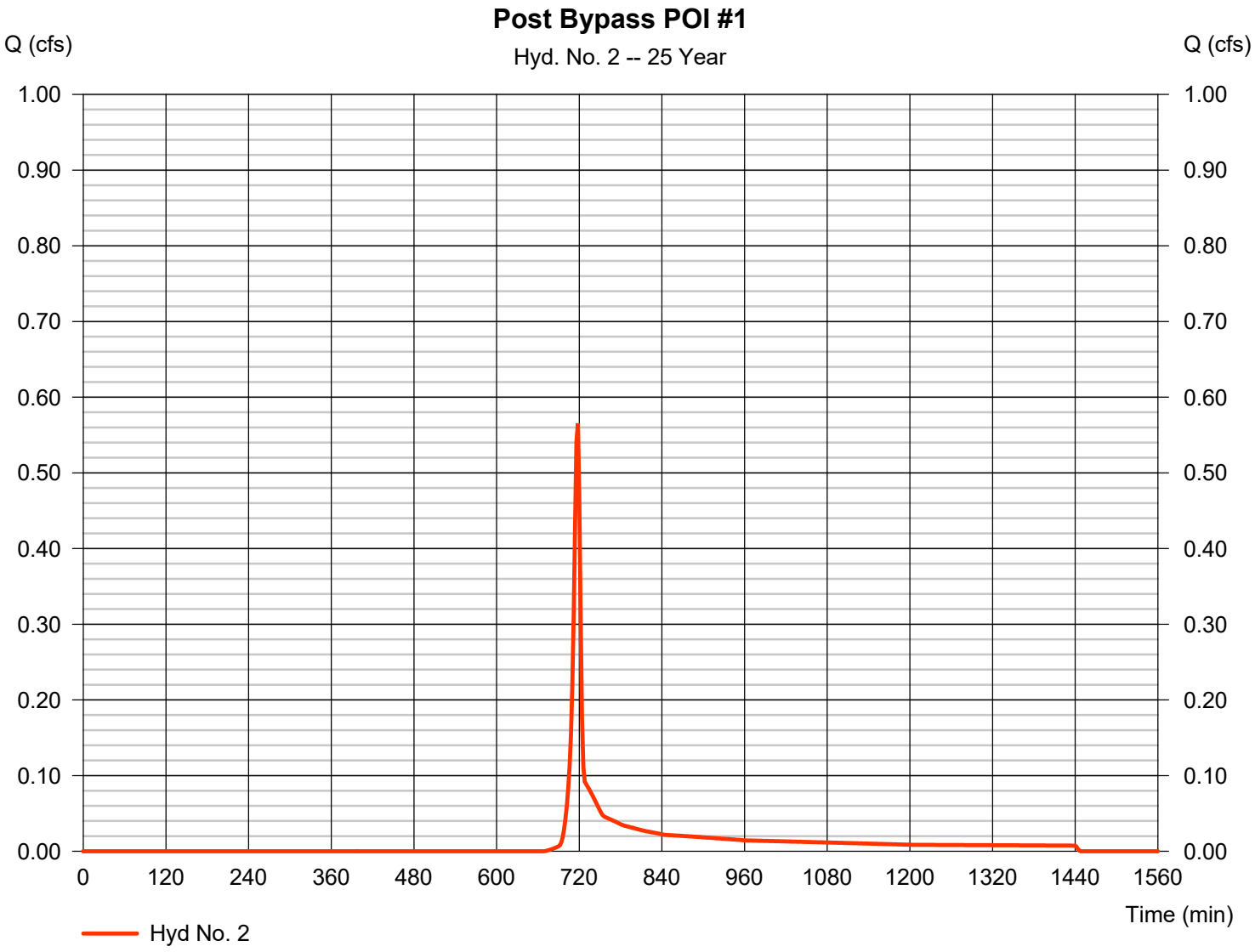
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.565 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 1,140 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

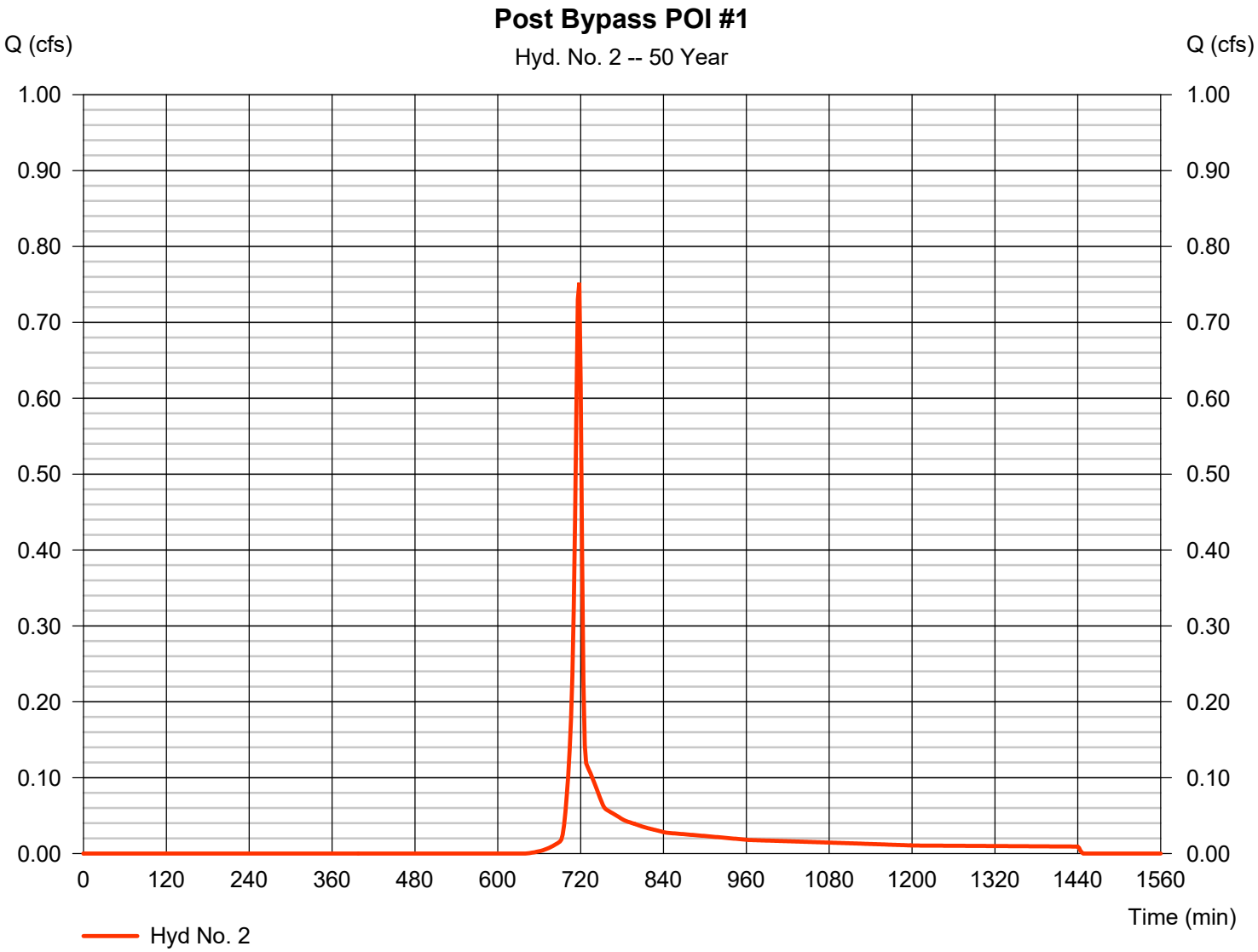
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.752 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 1,506 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



Hydrograph Report

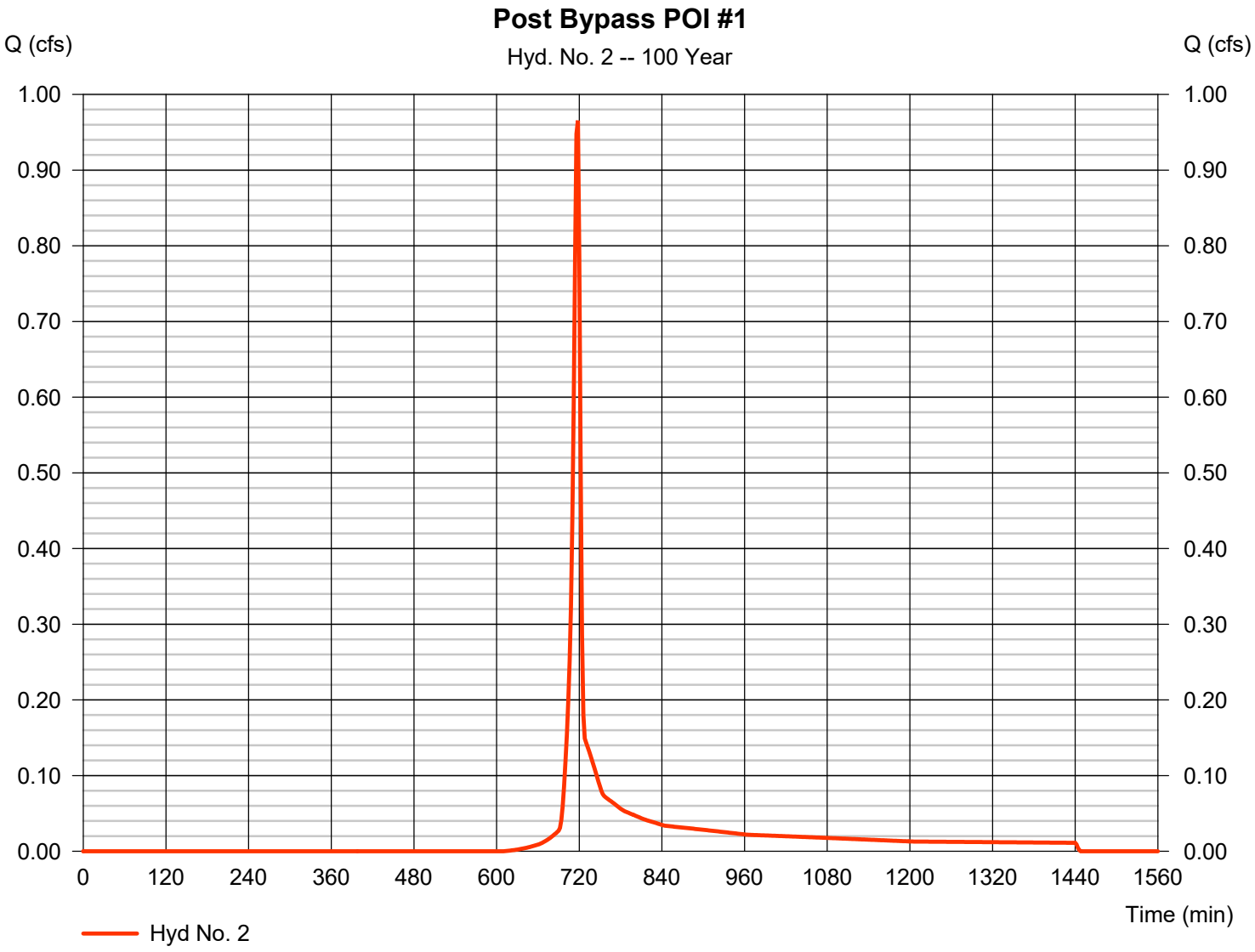
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Bypass POI #1

Hydrograph type	= SCS Runoff	Peak discharge	= 0.966 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 1,931 cuft
Drainage area	= 0.200 ac	Curve number	= 59*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 58) + (0.060 x 61)] / 0.200



CN CALCULATION

SSDEDB #1

GROUND COVER	AREA (ACRES)	CN
WOODS	0.14	55
LAWNS	0.09	61
IMPERVIOUS	0.29	98

TOTAL 0.52

TR55 Tc Worksheet

Hyd. No. 3

SSDEDB #1 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.240		0.011		
Flow length (ft)	= 115.0		20.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		3.24		0.00		
Land slope (%)	= 29.60		33.00		0.00		
Travel Time (min)	**= 8.12**	**+**	**1.28**	**+**	**0.00**	**=**	**9.40**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 1.23		1.23		0.00		
Wetted perimeter (ft)	= 3.93		3.93		0.00		
Channel slope (%)	= 15.28		2.00		0.00		
Manning's n-value	= 0.012		0.012		0.015		
Velocity (ft/s)	=22.29						
			8.06				
					0.00		
Flow length (ft)	({0})59.0		17.0		0.0		
Travel Time (min)	**= 0.04**	**+**	**0.04**	**+**	**0.00**	**=**	**0.08**

Total Travel Time, Tc ..... 9.50 min

Hydrograph Report

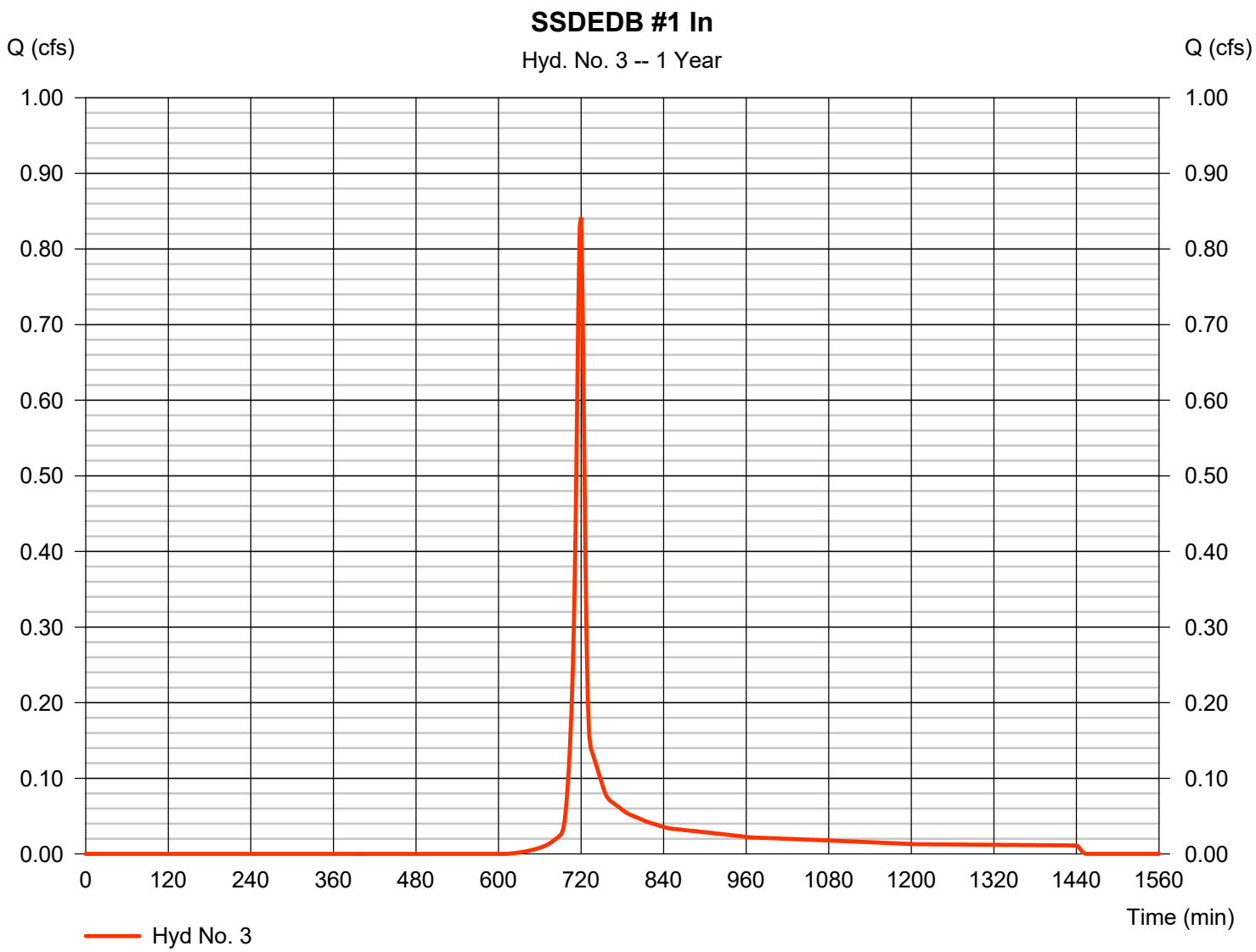
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.842 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 1,930 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

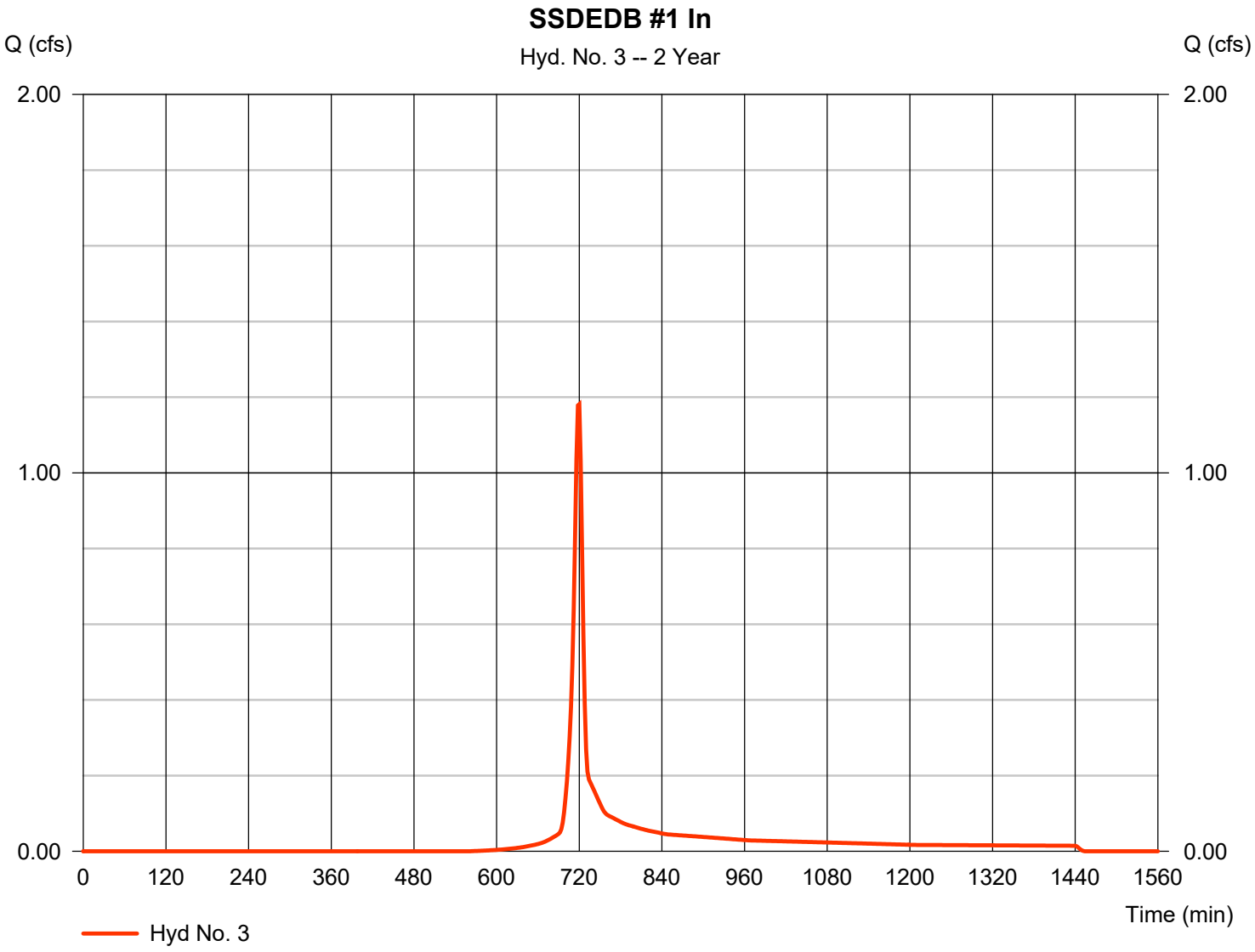
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.181 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 2,704 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

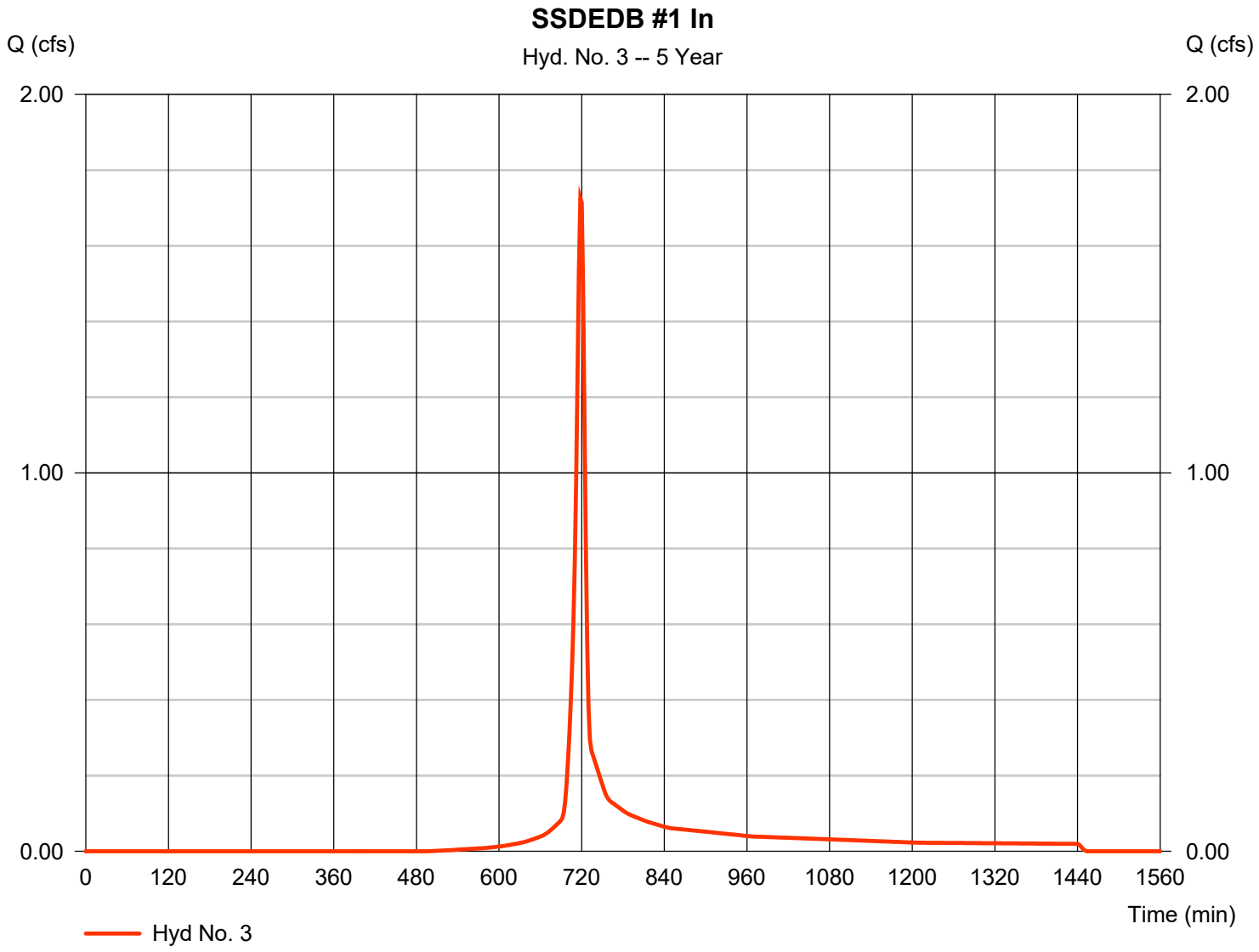
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.726 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 3,948 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

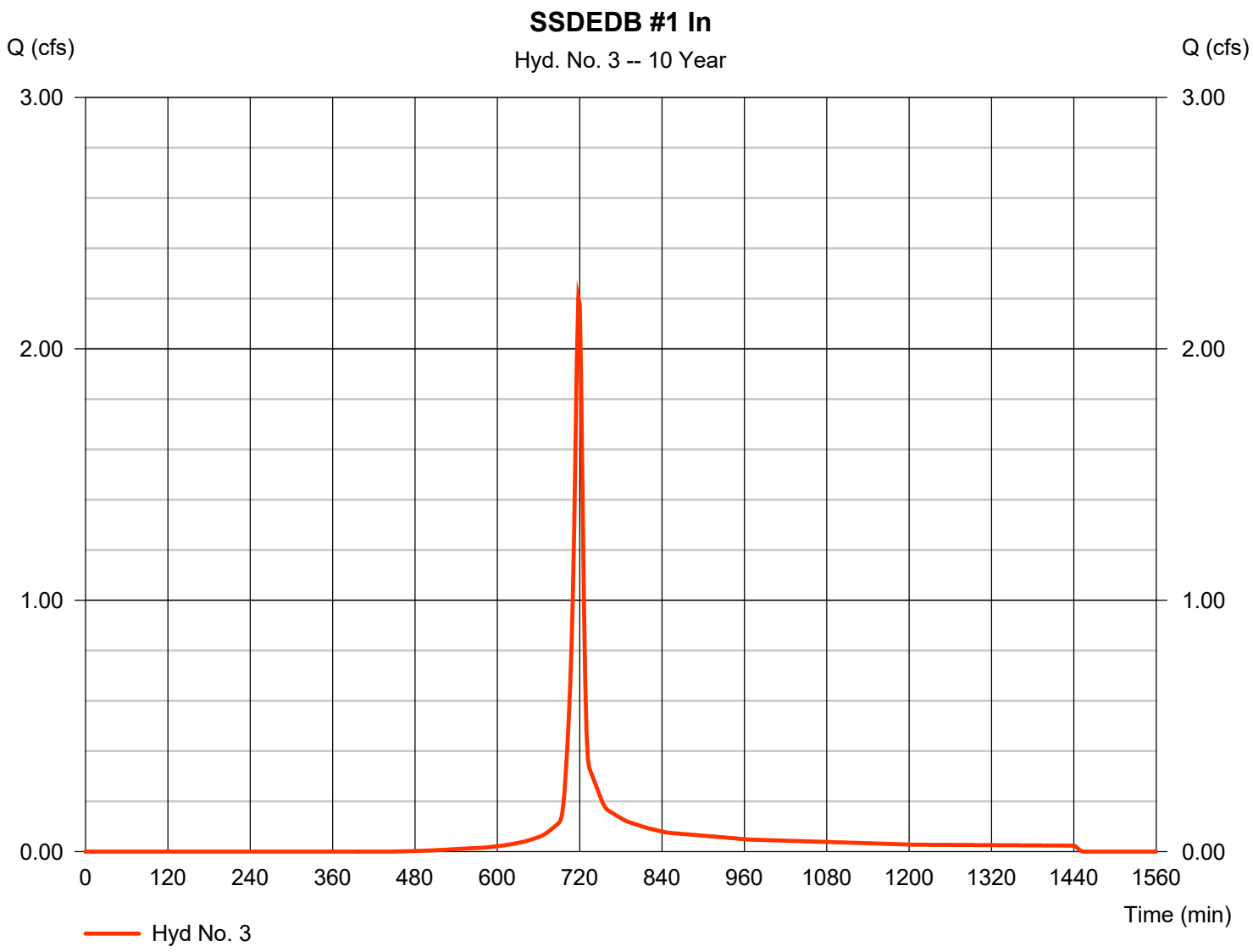
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.203 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 5,051 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

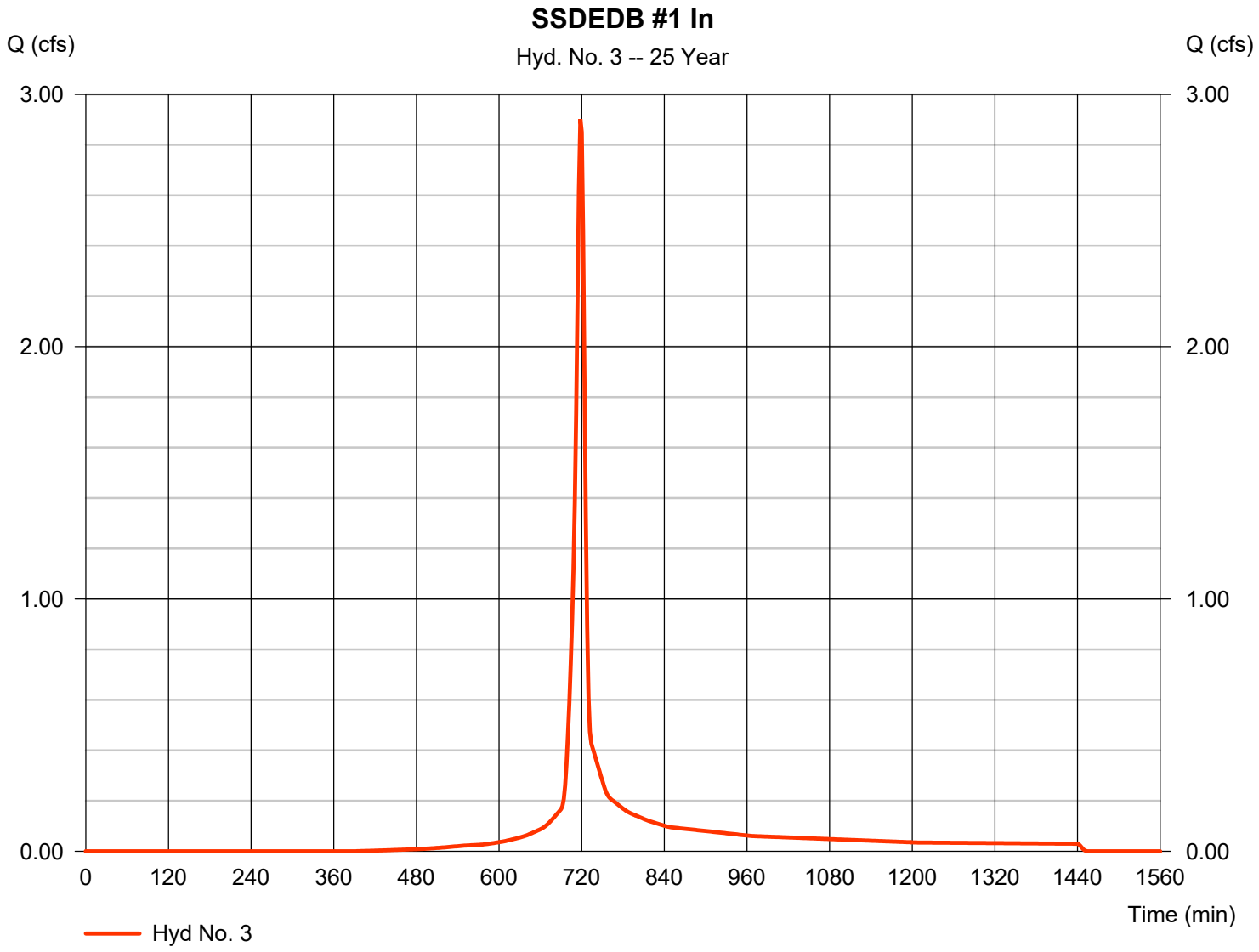
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.902 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 6,696 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

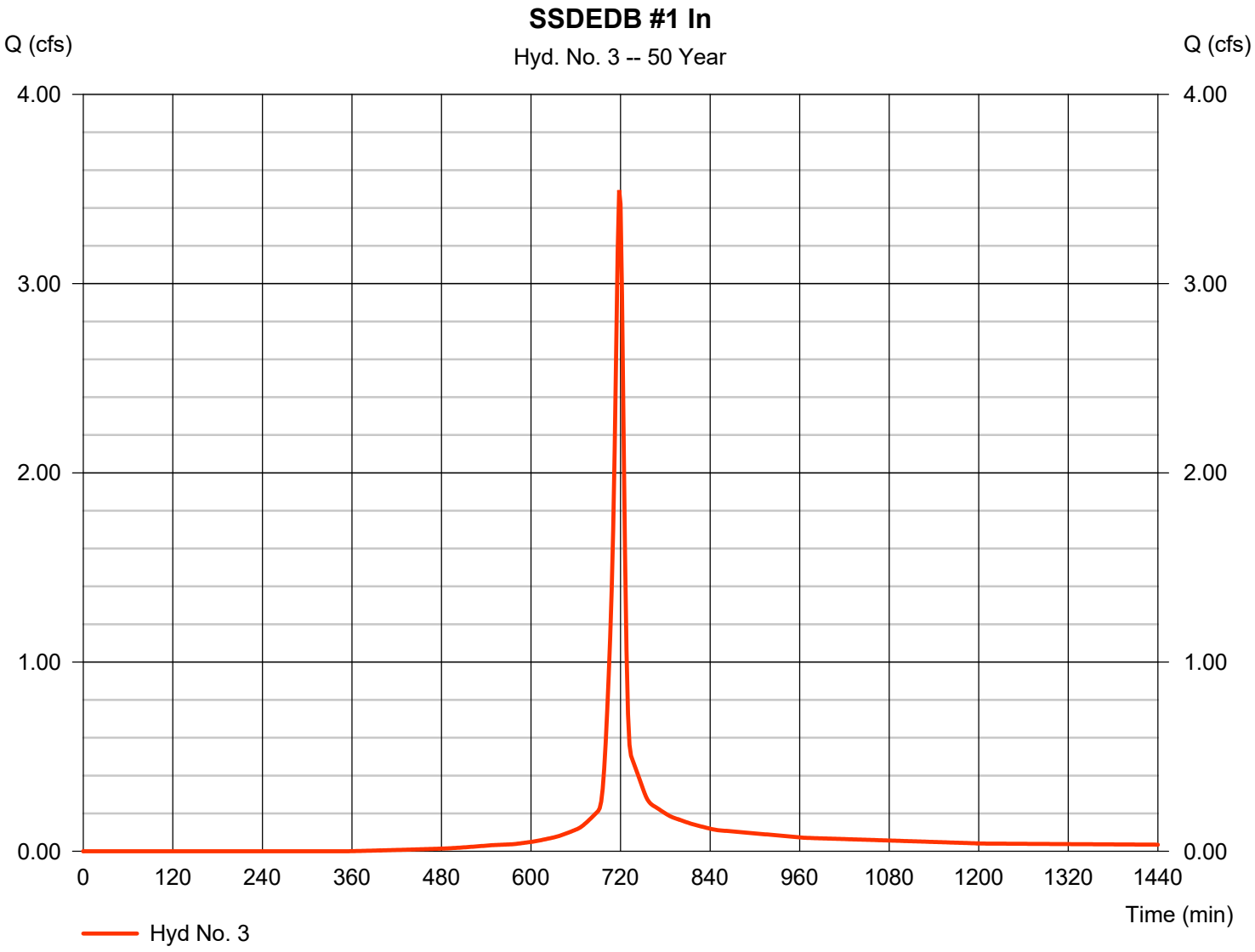
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.494 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 8,115 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



Hydrograph Report

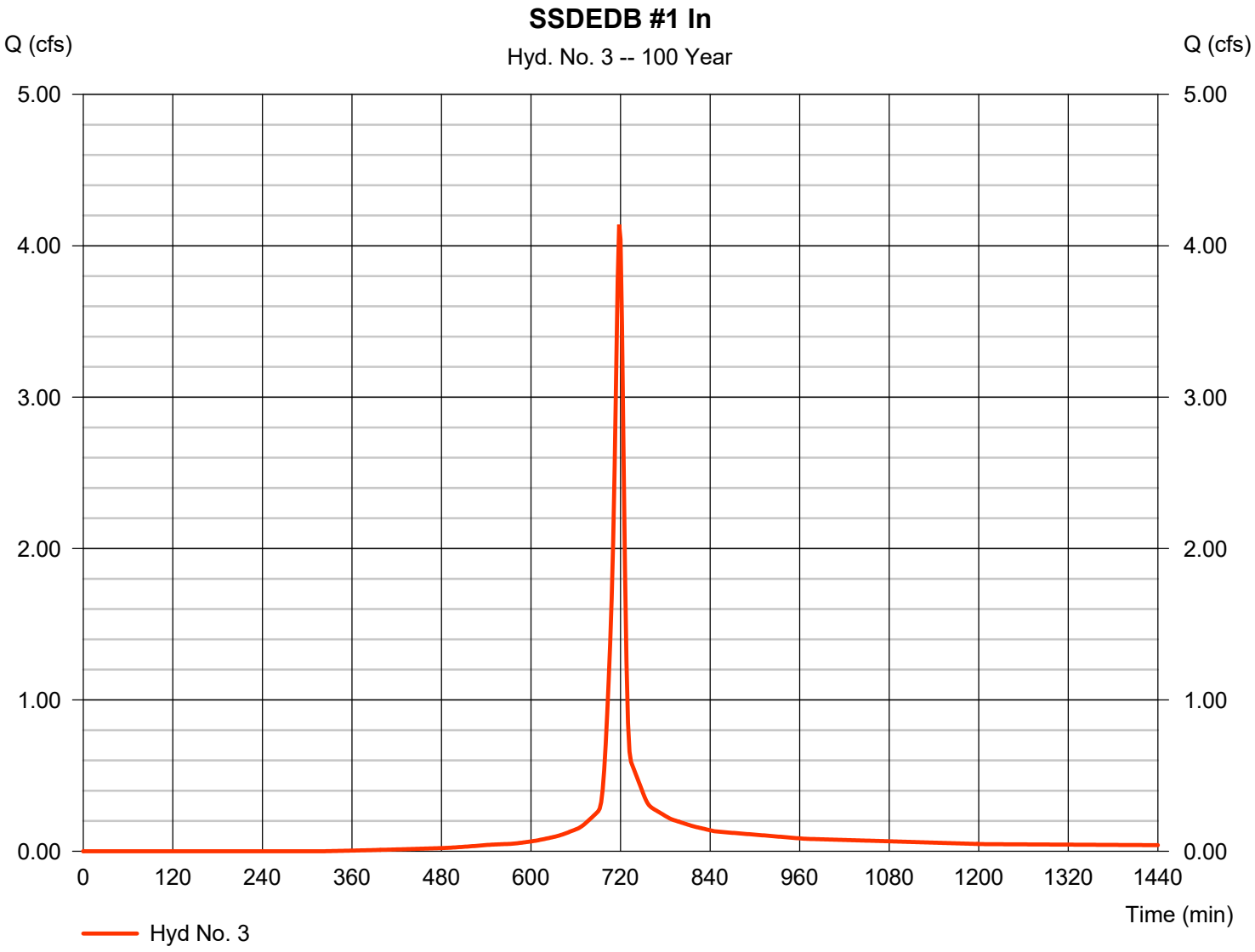
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #1 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.139 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 9,683 cuft
Drainage area	= 0.520 ac	Curve number	= 80*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.50 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 55) + (0.090 x 61) + (0.290 x 98)] / 0.520



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #1

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	476.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	476.0833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	476.1667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	476.2500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	476.3333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	476.4167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	476.5000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	476.5833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	476.6667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	476.7500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	476.8333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	476.9167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	477.0000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	477.0833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	477.1667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	477.2500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	477.3333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	477.4167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	477.5000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	477.5833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	477.6667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	477.7500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	477.8333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	477.9167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	478.0000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	478.0833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	478.1667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	478.2500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	478.3333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	478.4167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	478.5000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	478.5833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	478.6667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	478.7500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	478.8333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	478.9167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	479.0000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	479.0833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	479.1667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	479.2500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	479.3333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	479.4167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	479.5000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	479.5833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	479.6667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	479.7500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	479.8333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	479.9167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	480.0000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	480.0833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	480.1667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	480.2500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	480.3333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	480.4167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	480.5000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	480.5833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	480.6667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	480.7500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	480.8333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	480.9167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	481.0000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	481.0833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	481.1667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	481.2500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	481.3333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	481.4167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	481.5000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 1 - SSDEDB #1

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	476.00	n/a	0	0
0.33	476.33	n/a	281	281
0.67	476.67	n/a	281	562
1.00	477.00	n/a	532	1,093
1.33	477.33	n/a	608	1,702
1.67	477.67	n/a	598	2,299
2.00	478.00	n/a	586	2,886
2.33	478.33	n/a	571	3,457
2.67	478.67	n/a	553	4,010
3.00	479.00	n/a	531	4,541
3.33	479.33	n/a	504	5,045
3.67	479.67	n/a	469	5,514
4.00	480.00	n/a	421	5,935
4.33	480.33	n/a	337	6,273
4.67	480.67	n/a	287	6,559
5.00	481.00	n/a	281	6,840
5.33	481.33	n/a	281	7,121
5.50	481.50	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 476.00	476.00	0.00	0.00
Length (ft)	= 9.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	Inactive	0.00	0.00	0.00
Crest El. (ft)	= 481.50	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	476.00	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	476.33	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	562	476.67	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	1,093	477.00	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,702	477.33	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	2,299	477.67	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,886	478.00	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	3,457	478.33	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	4,010	478.67	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	4,541	479.00	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	5,045	479.33	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	5,514	479.67	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	5,935	480.00	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	6,273	480.33	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	6,559	480.67	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	6,840	481.00	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.058
5.33	7,121	481.33	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.060
5.50	7,261	481.50	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.061

Hydrograph Report

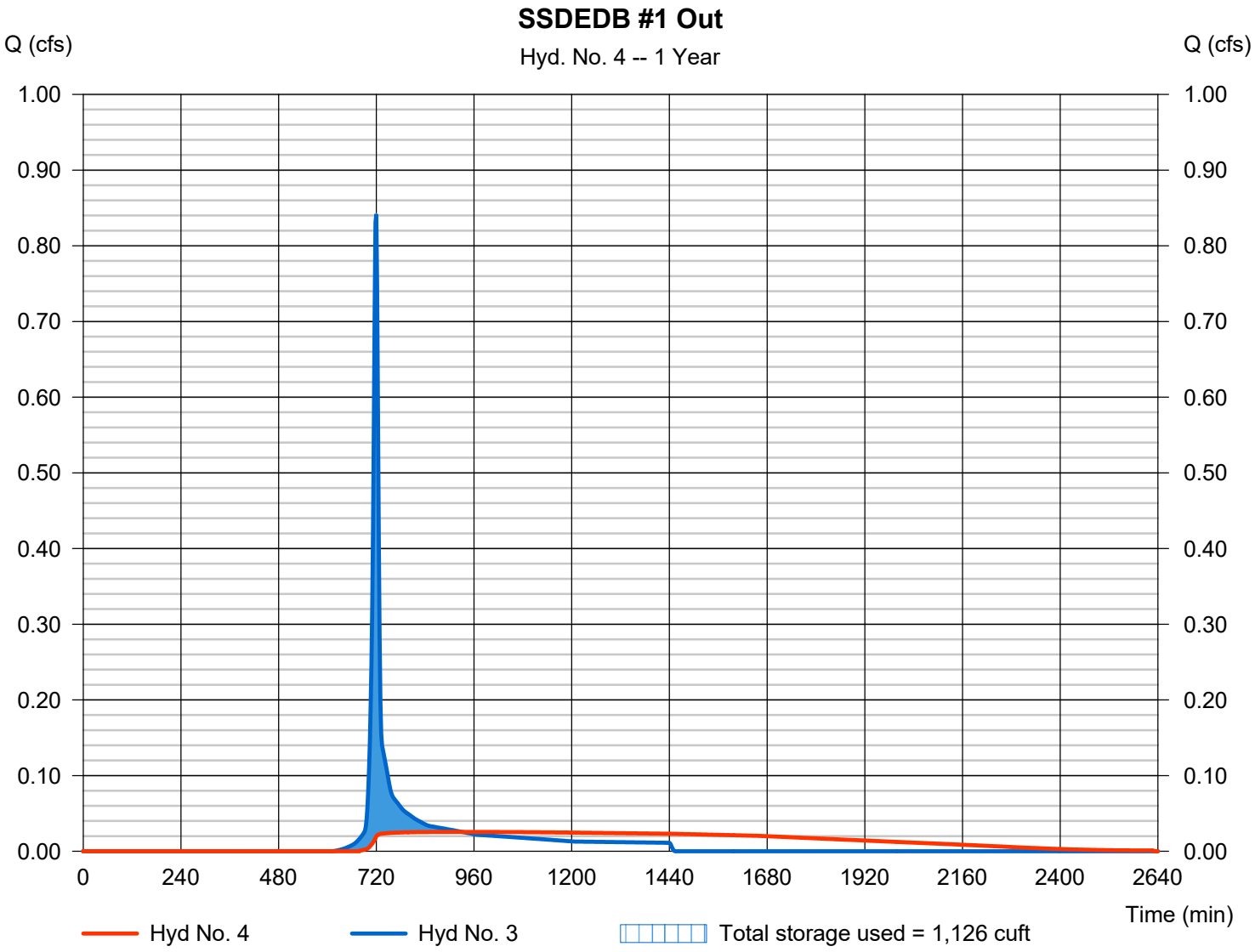
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.026 cfs
Storm frequency	= 1 yrs	Time to peak	= 930 min
Time interval	= 2 min	Hyd. volume	= 1,909 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 477.02 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 1,126 cuft

Storage Indication method used.



Hydrograph Report

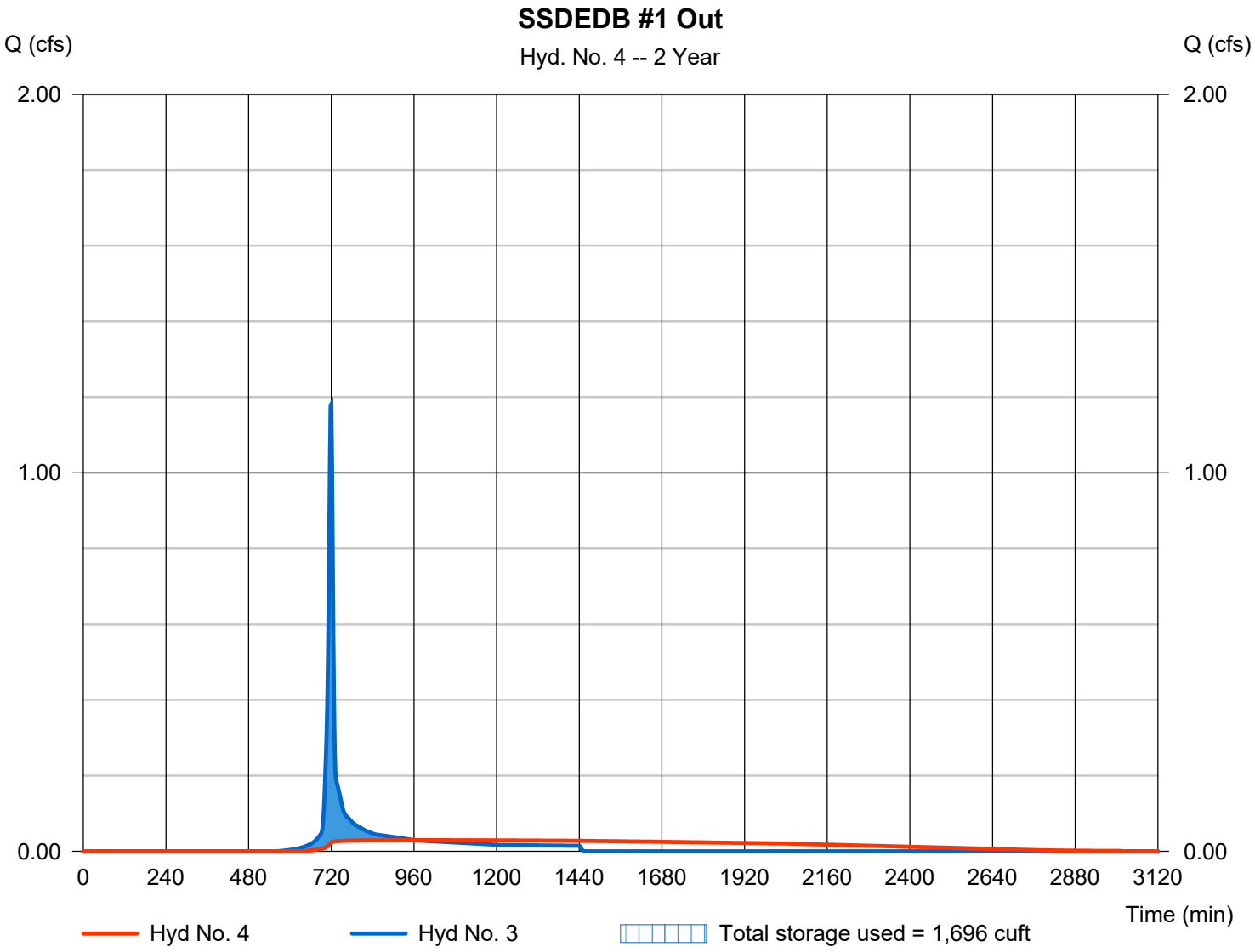
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.029 cfs
Storm frequency	= 2 yrs	Time to peak	= 962 min
Time interval	= 2 min	Hyd. volume	= 2,683 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 477.33 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 1,696 cuft

Storage Indication method used.



Hydrograph Report

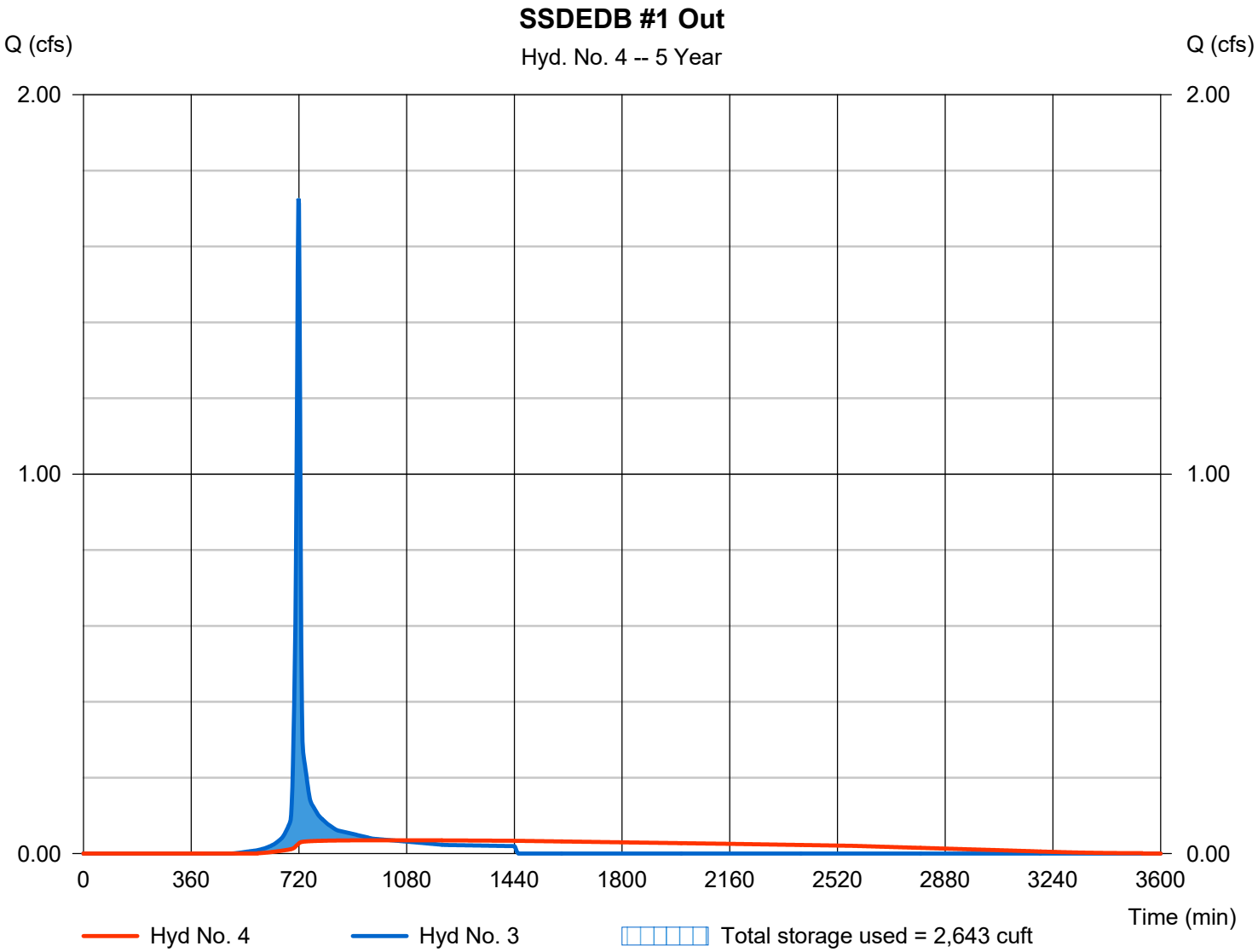
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.035 cfs
Storm frequency	= 5 yrs	Time to peak	= 1028 min
Time interval	= 2 min	Hyd. volume	= 3,926 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 477.86 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 2,643 cuft

Storage Indication method used.



Hydrograph Report

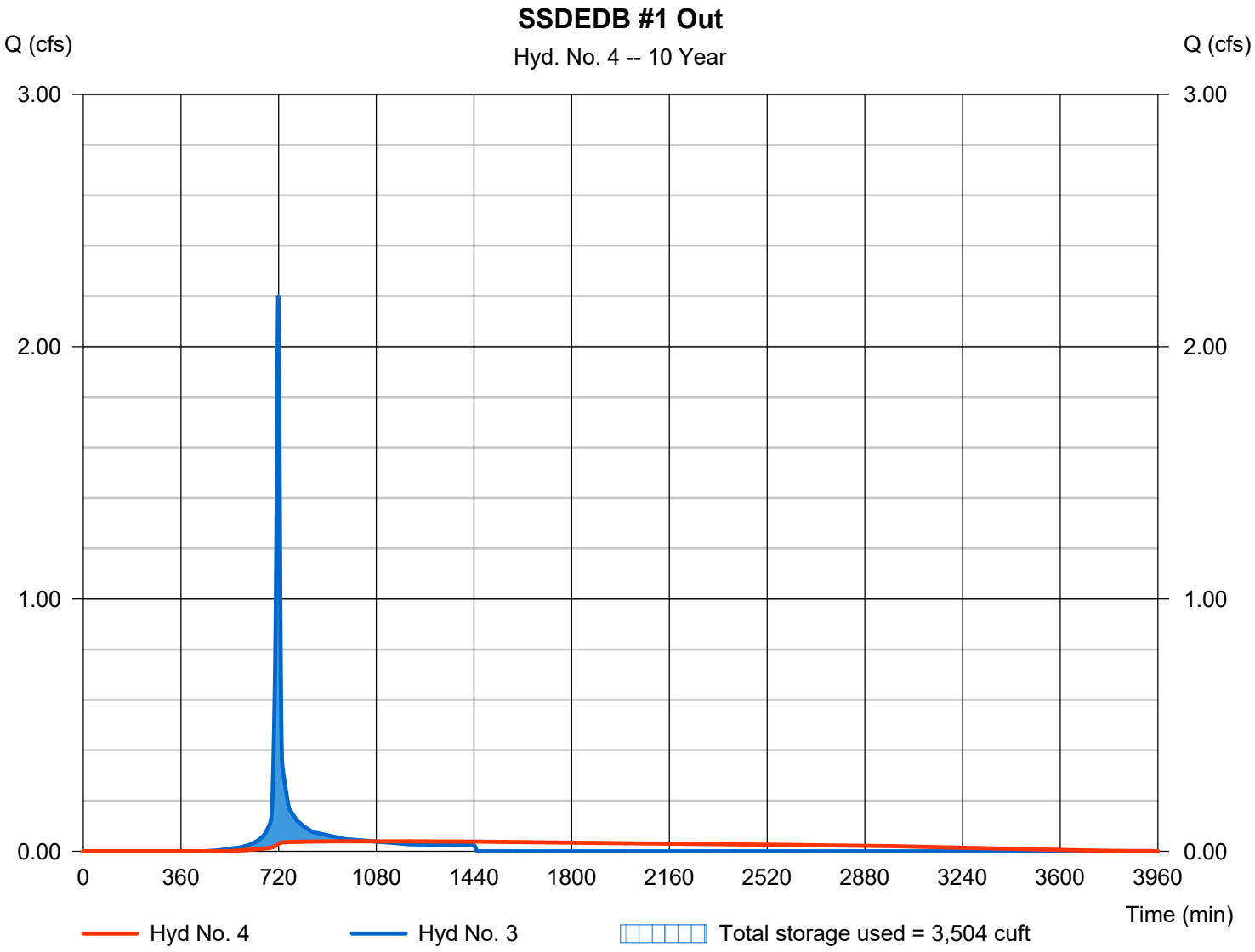
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.040 cfs
Storm frequency	= 10 yrs	Time to peak	= 1066 min
Time interval	= 2 min	Hyd. volume	= 5,029 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 478.36 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 3,504 cuft

Storage Indication method used.



Hydrograph Report

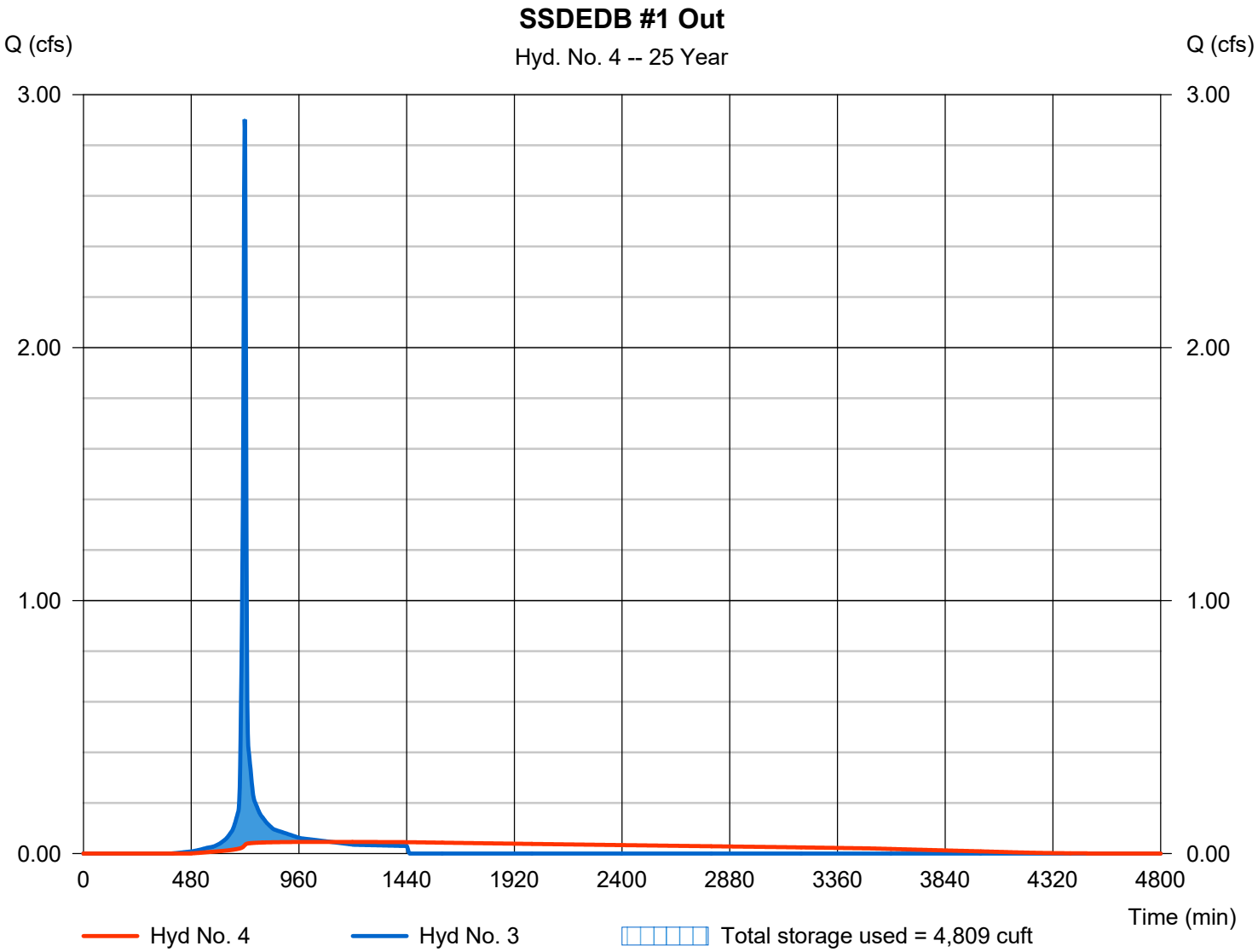
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.046 cfs
Storm frequency	= 25 yrs	Time to peak	= 1102 min
Time interval	= 2 min	Hyd. volume	= 6,674 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 479.18 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 4,809 cuft

Storage Indication method used.



Hydrograph Report

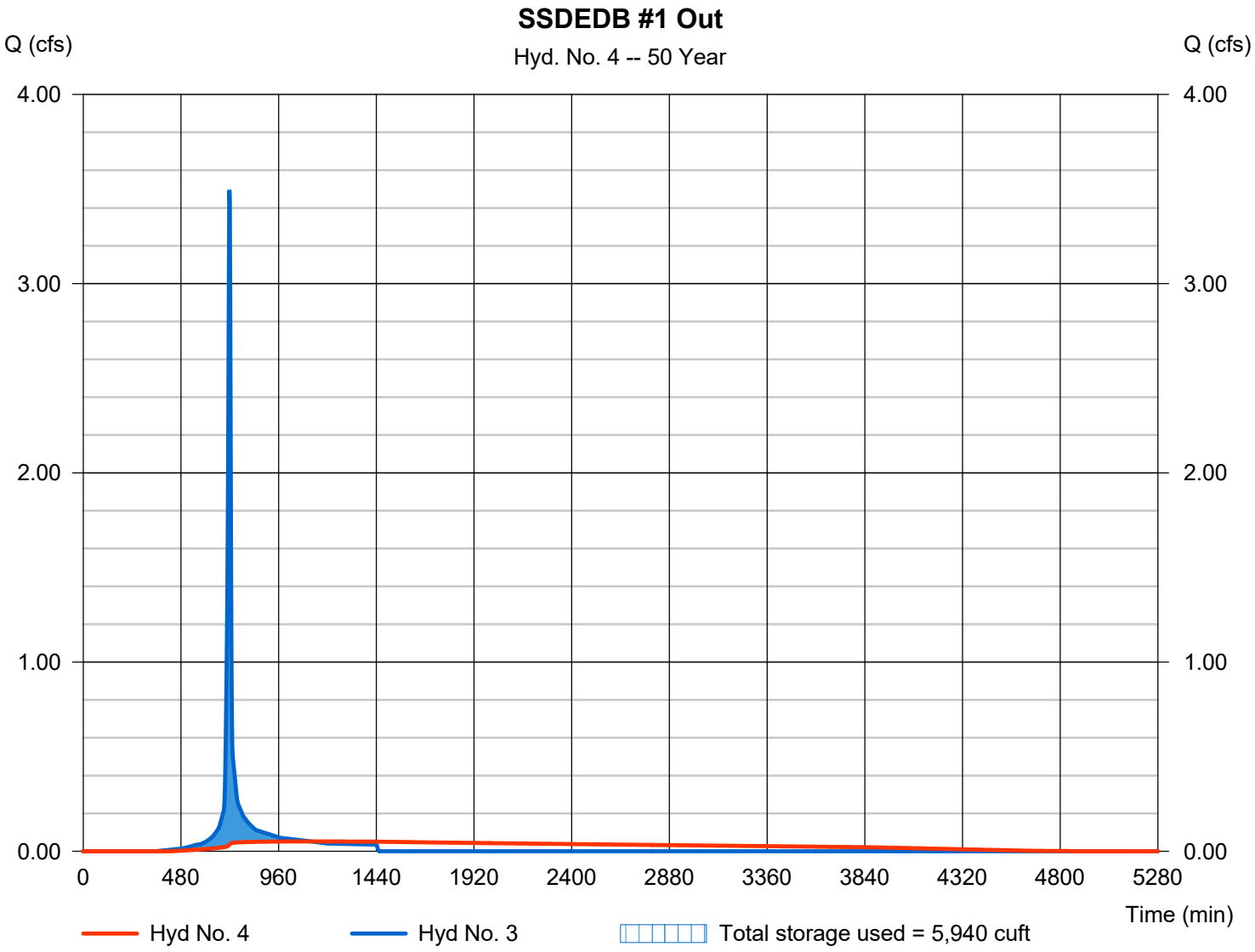
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.052 cfs
Storm frequency	= 50 yrs	Time to peak	= 1120 min
Time interval	= 2 min	Hyd. volume	= 8,094 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 480.00 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 5,940 cuft

Storage Indication method used.



Hydrograph Report

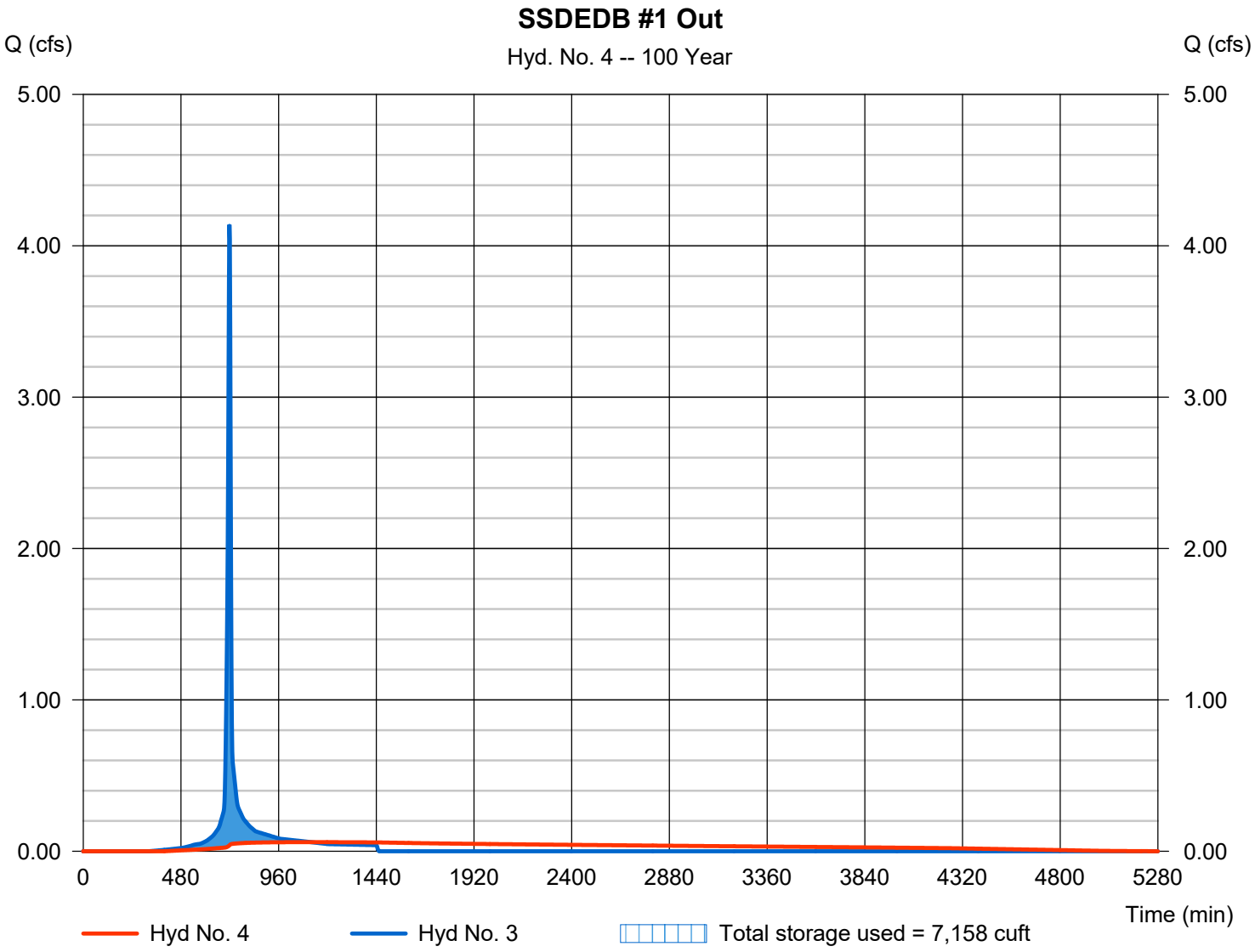
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.060 cfs
Storm frequency	= 100 yrs	Time to peak	= 1118 min
Time interval	= 2 min	Hyd. volume	= 9,662 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Max. Elevation	= 481.38 ft
Reservoir name	= SSDEDB #1	Max. Storage	= 7,158 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #2

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.01	61
IMPERVIOUS	0.18	98

TOTAL 0.19

Hydrograph Report

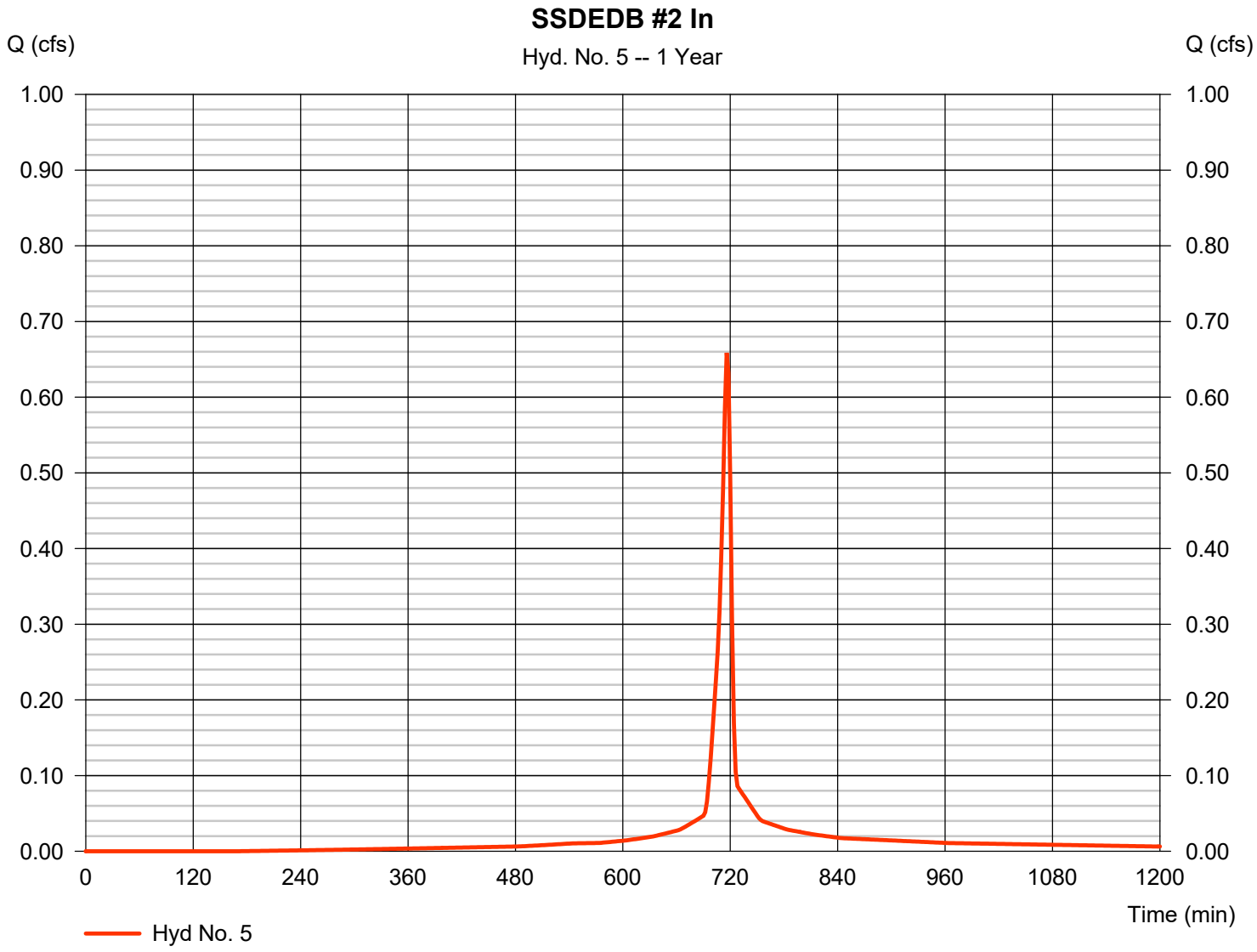
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.659 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,453 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

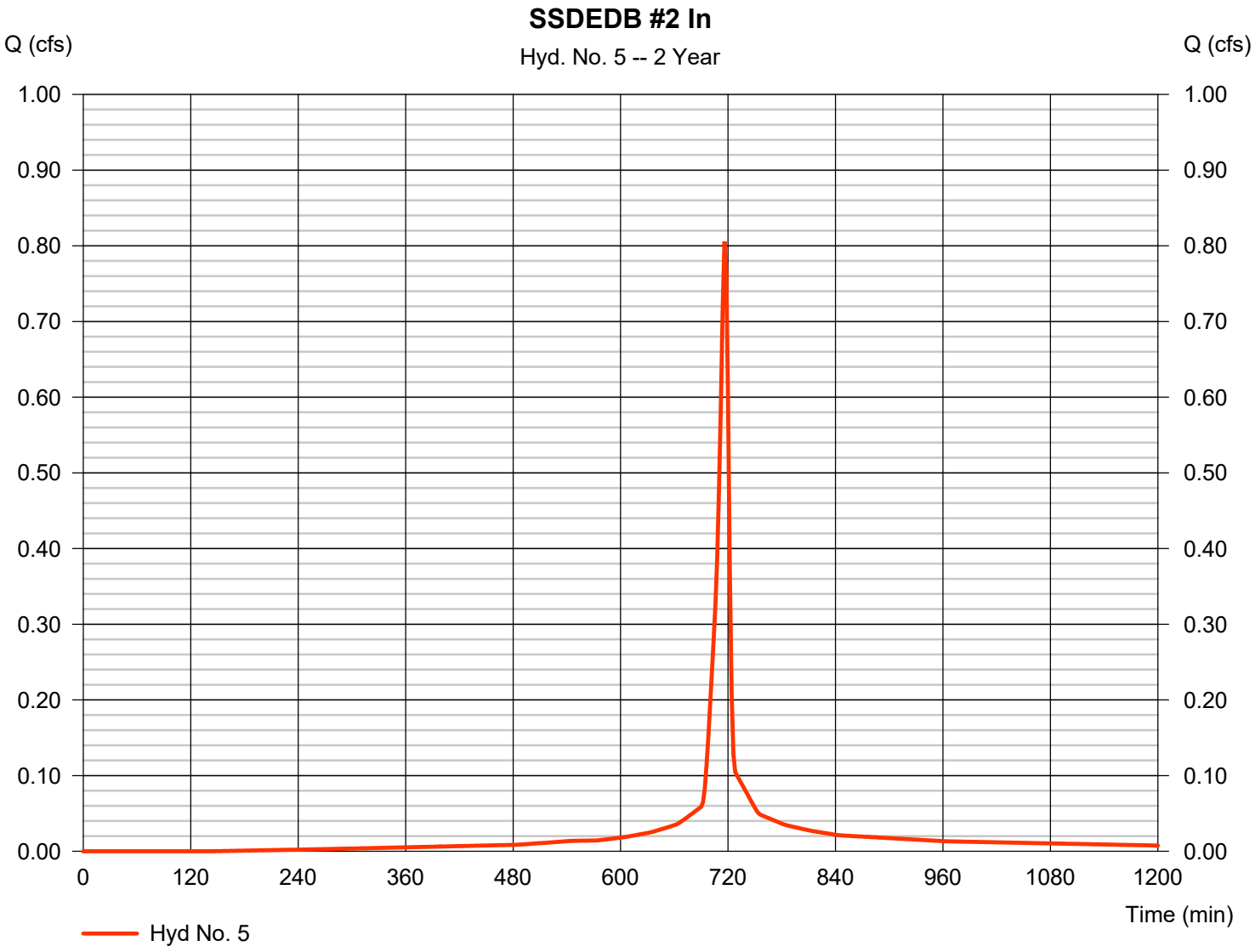
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.806 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,803 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

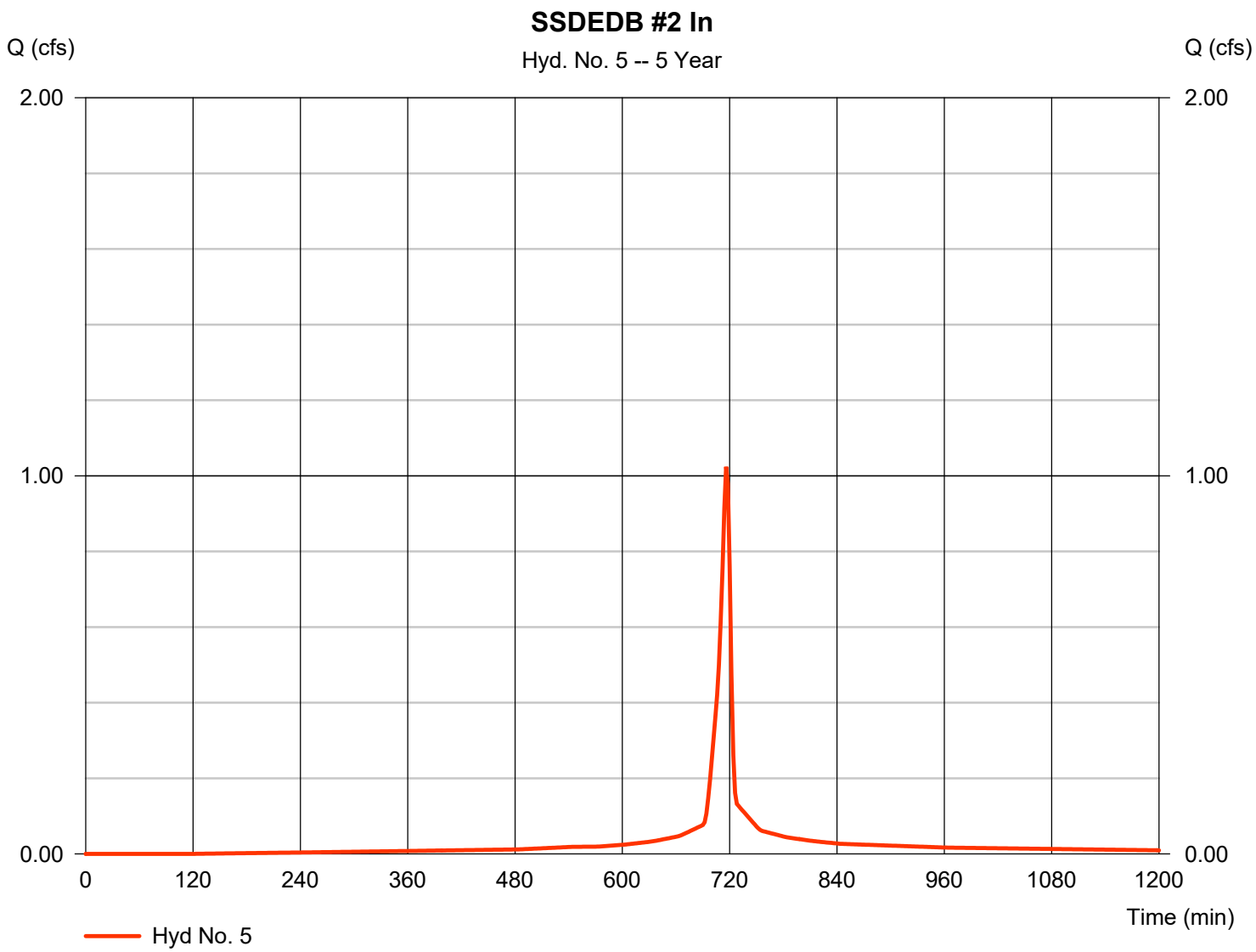
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.024 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,327 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

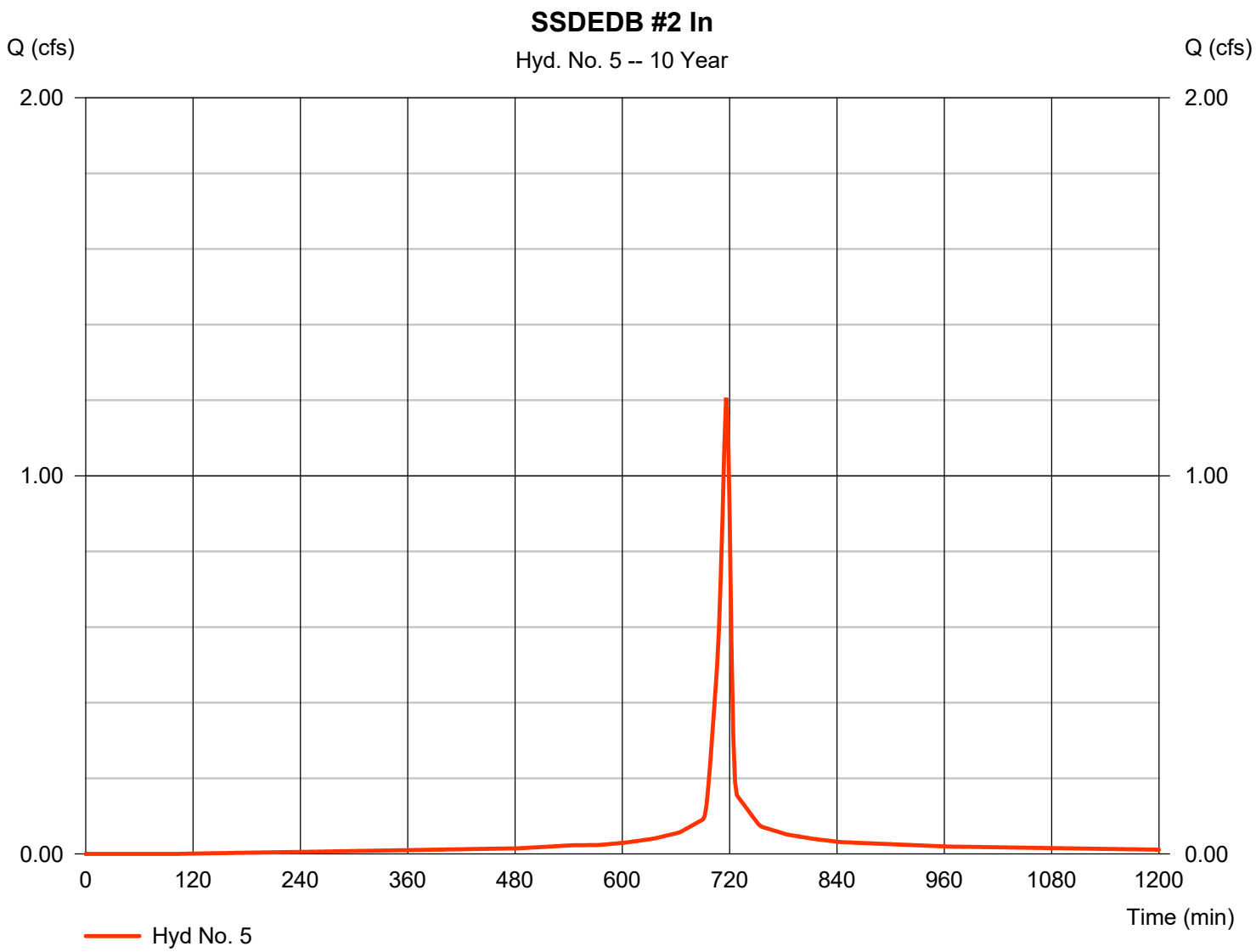
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.206 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,770 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

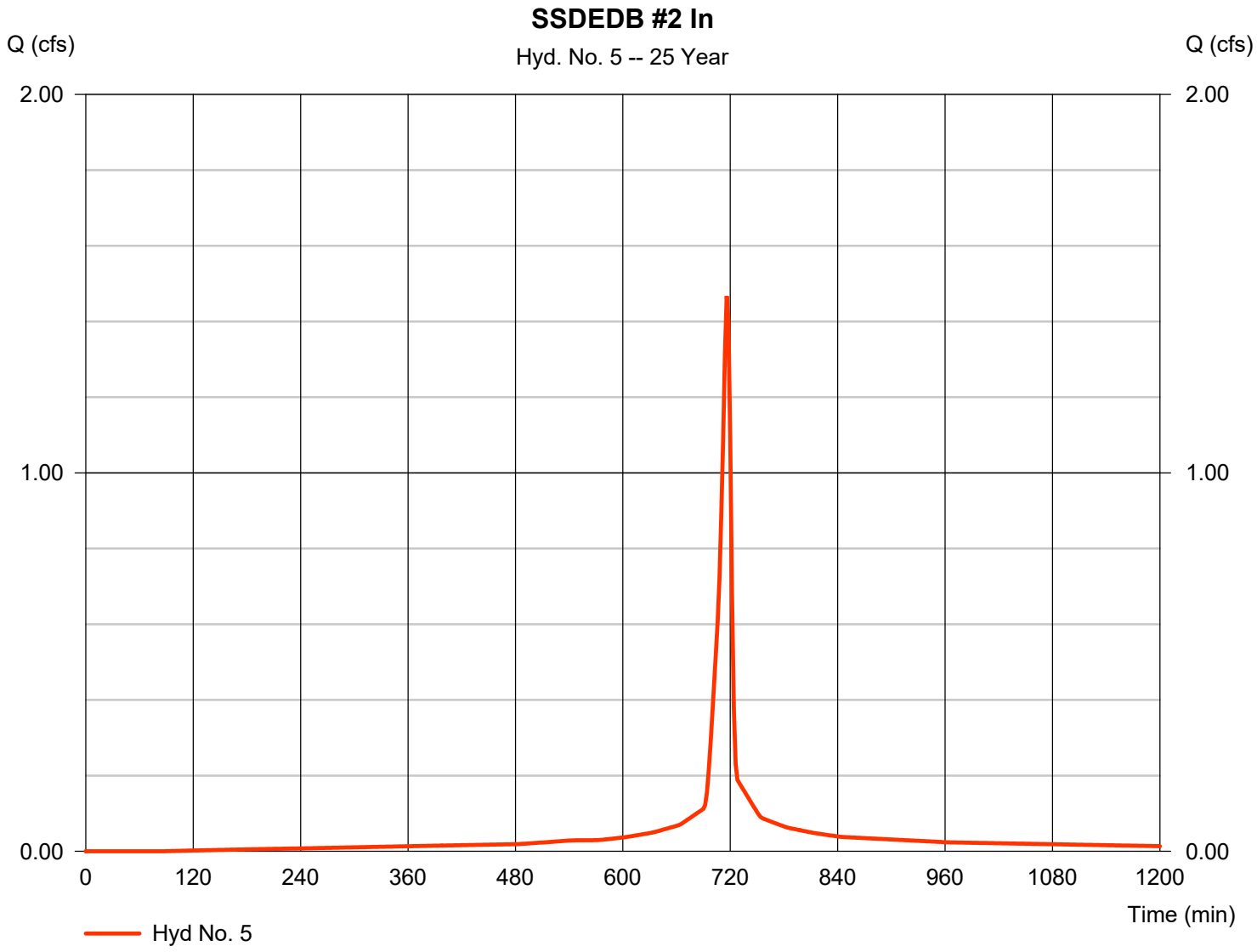
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.467 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,407 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

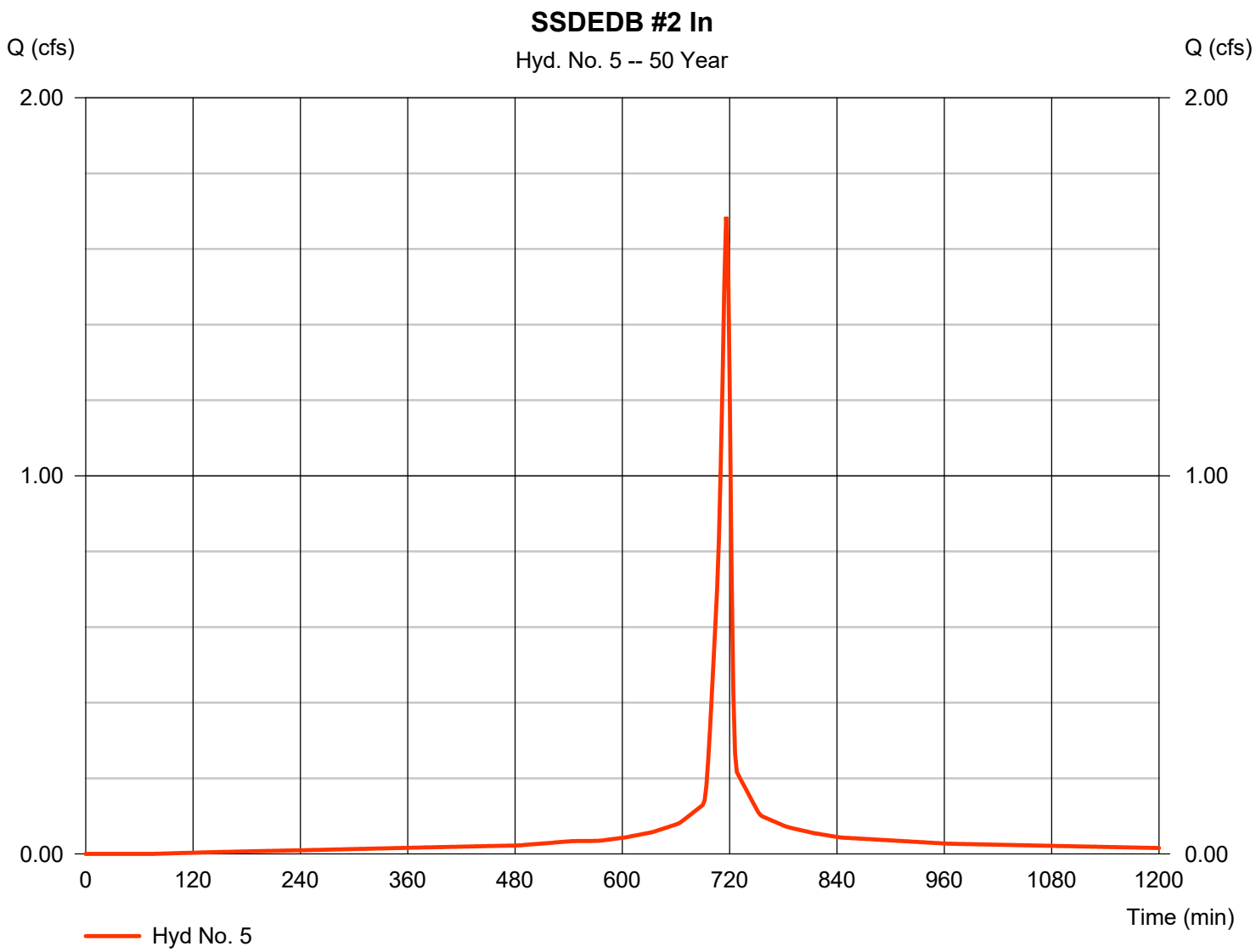
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.685 cfs
Storm frequency	=	50 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	3,941 cuft
Drainage area	=	0.190 ac	Curve number	=	96*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	6.57 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



Hydrograph Report

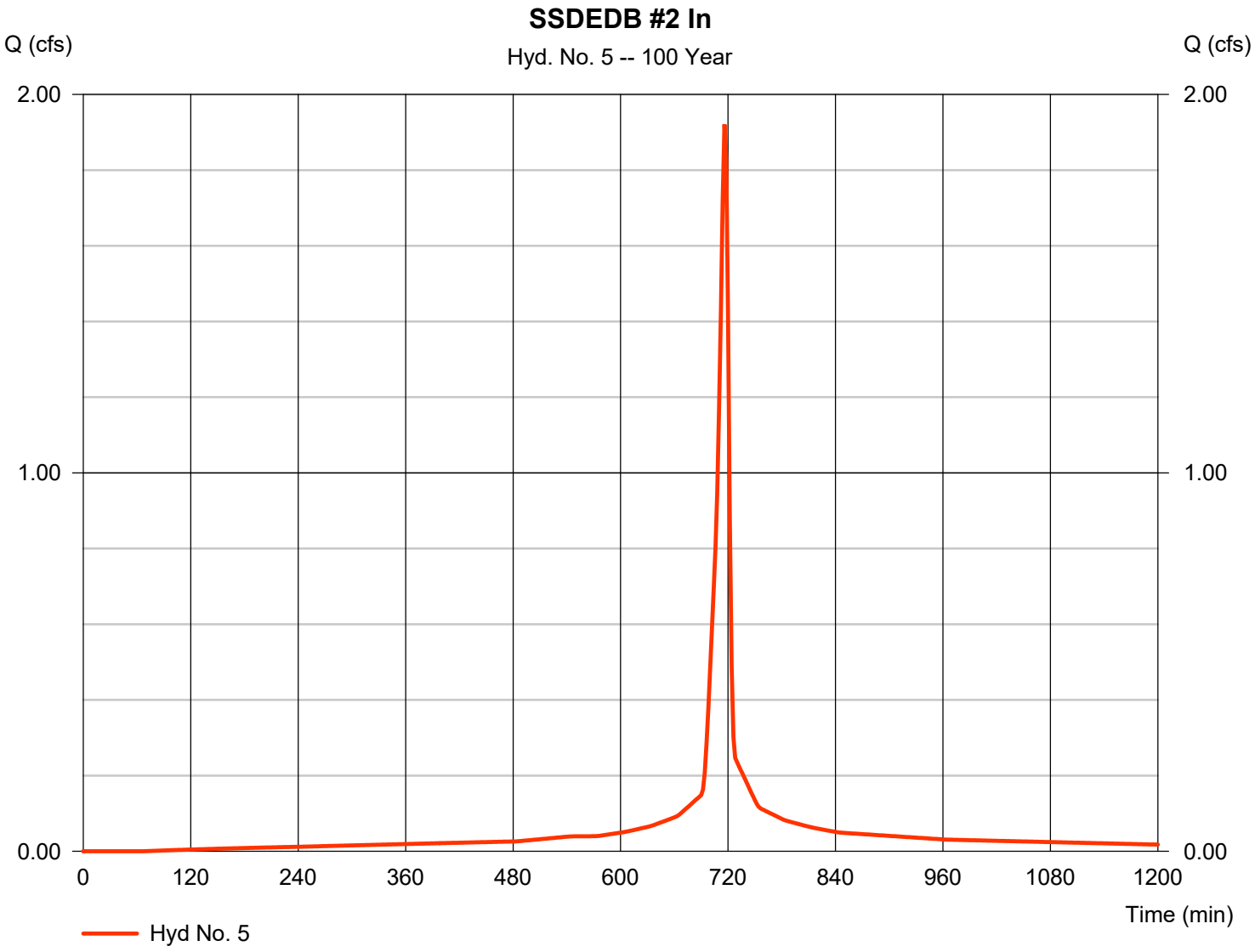
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #2 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.921 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,521 cuft
Drainage area	= 0.190 ac	Curve number	= 96*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.010 x 61) + (0.180 x 98)] / 0.190



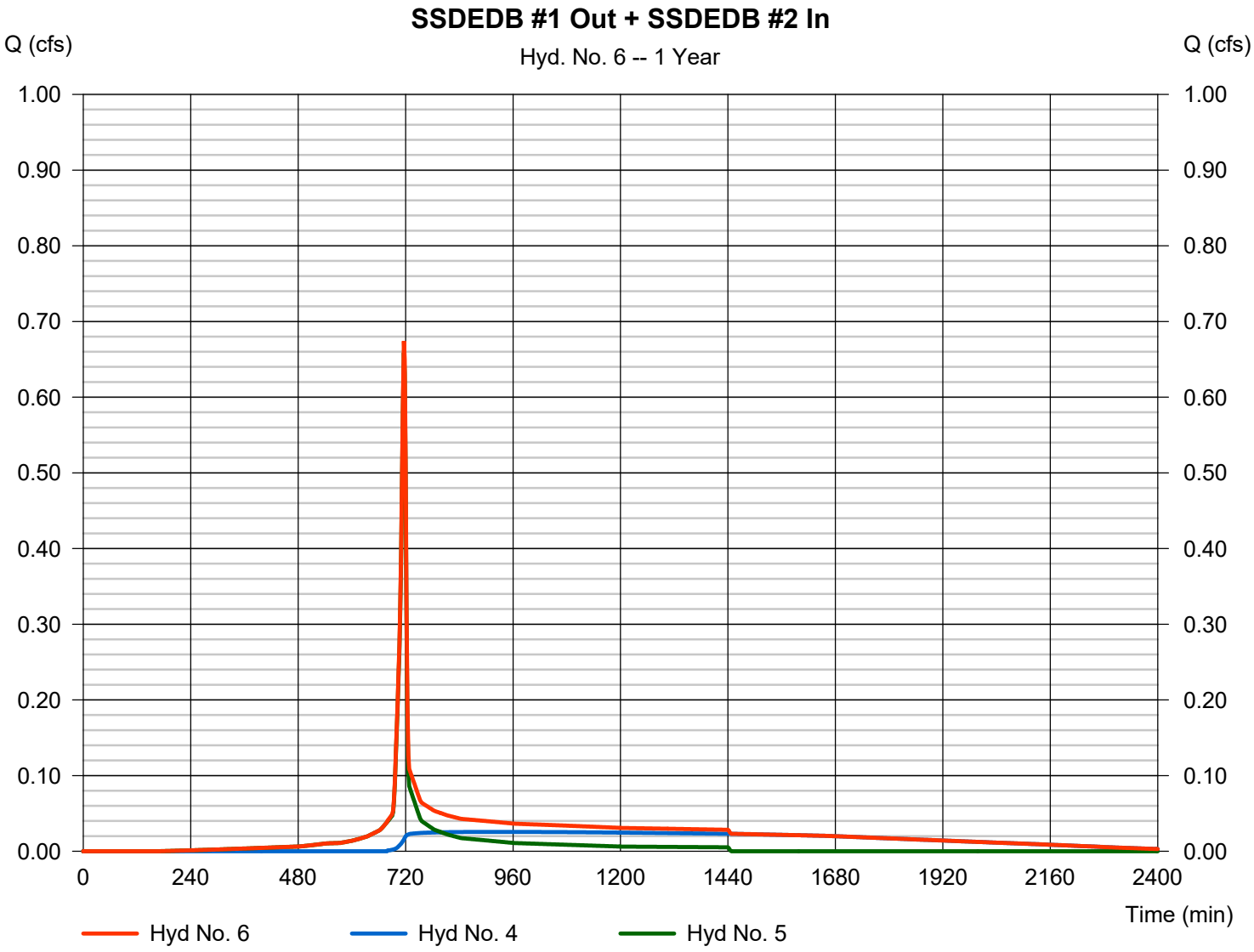
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 0.674 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,362 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



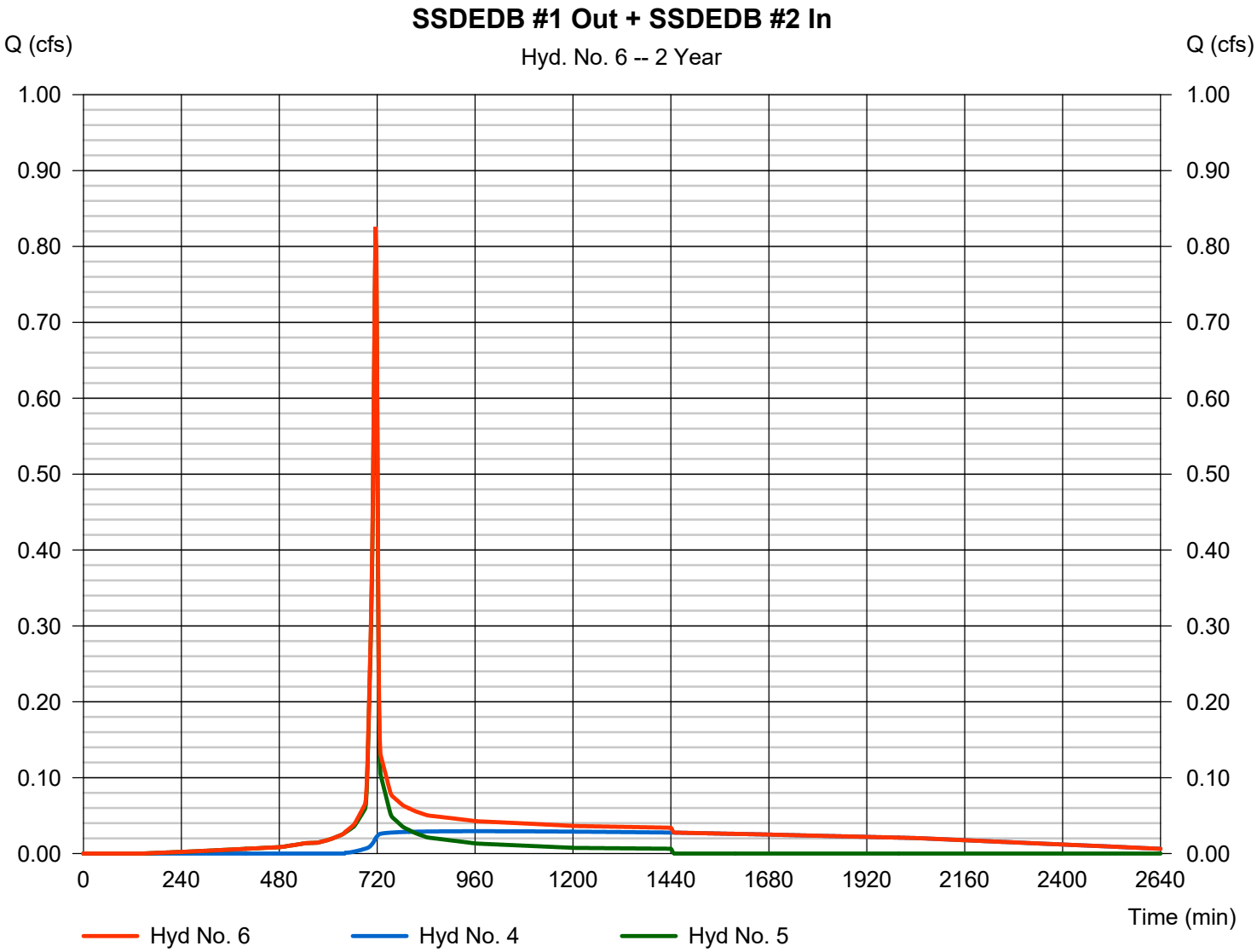
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 0.826 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,486 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



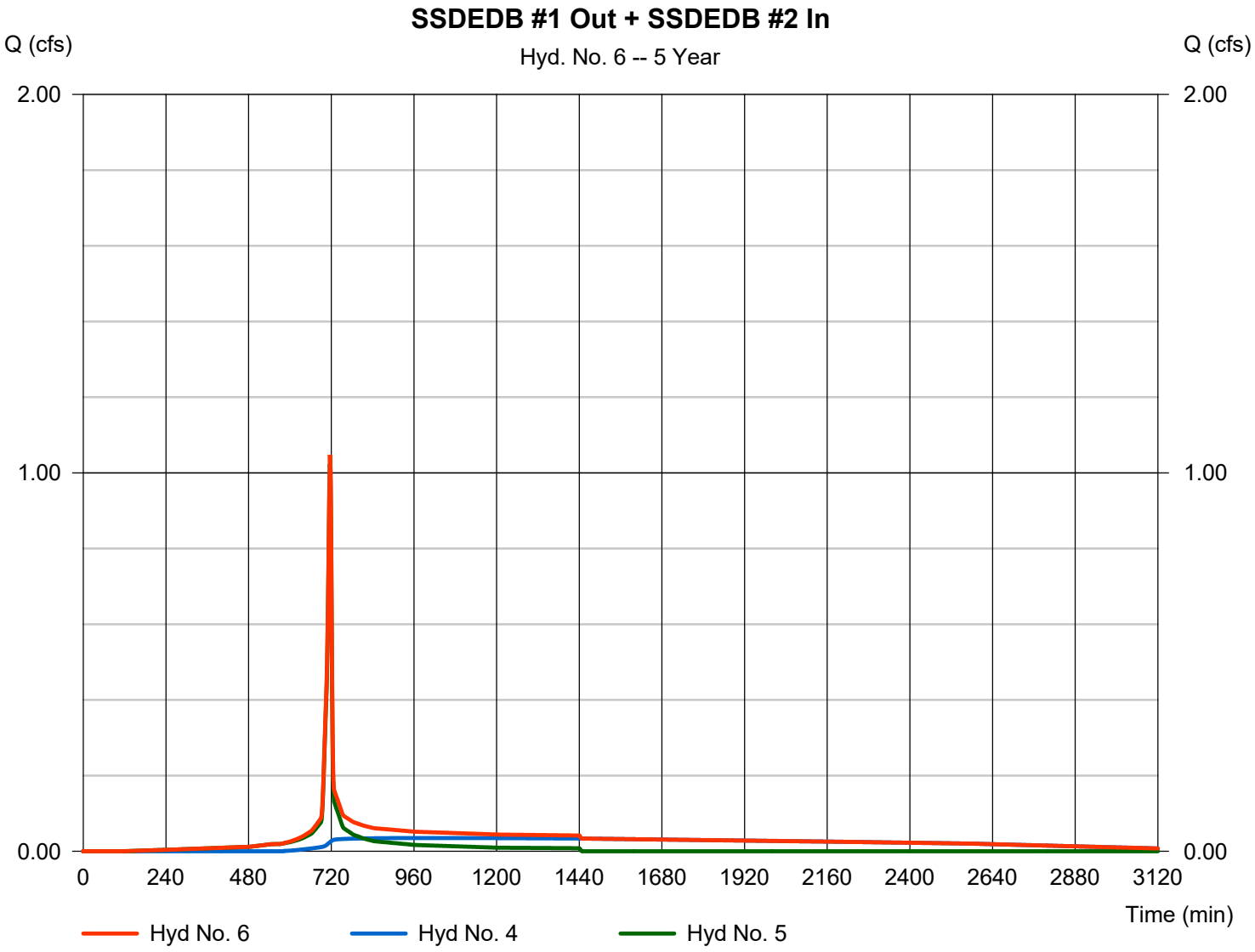
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 1.048 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,253 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



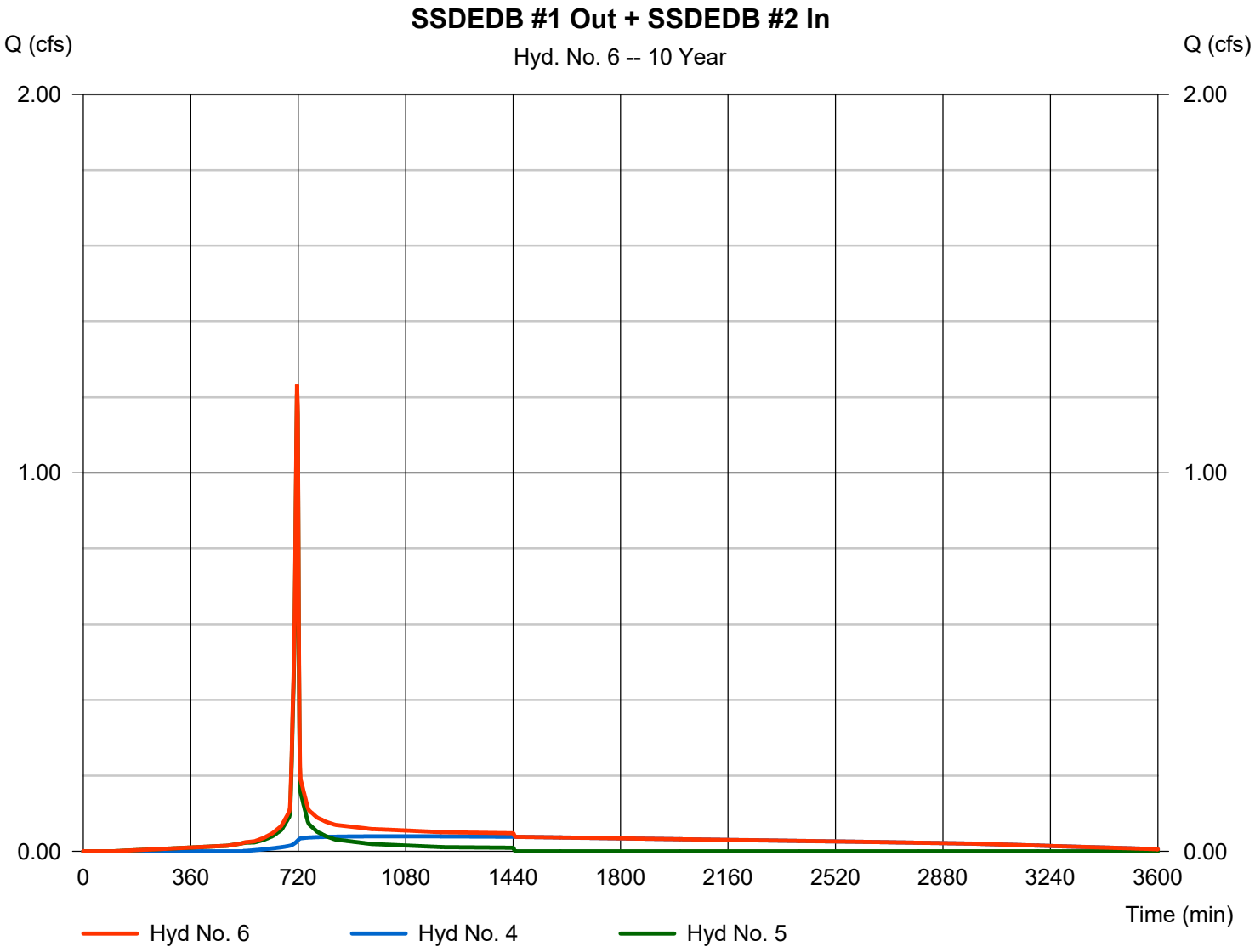
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 1.233 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 7,800 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



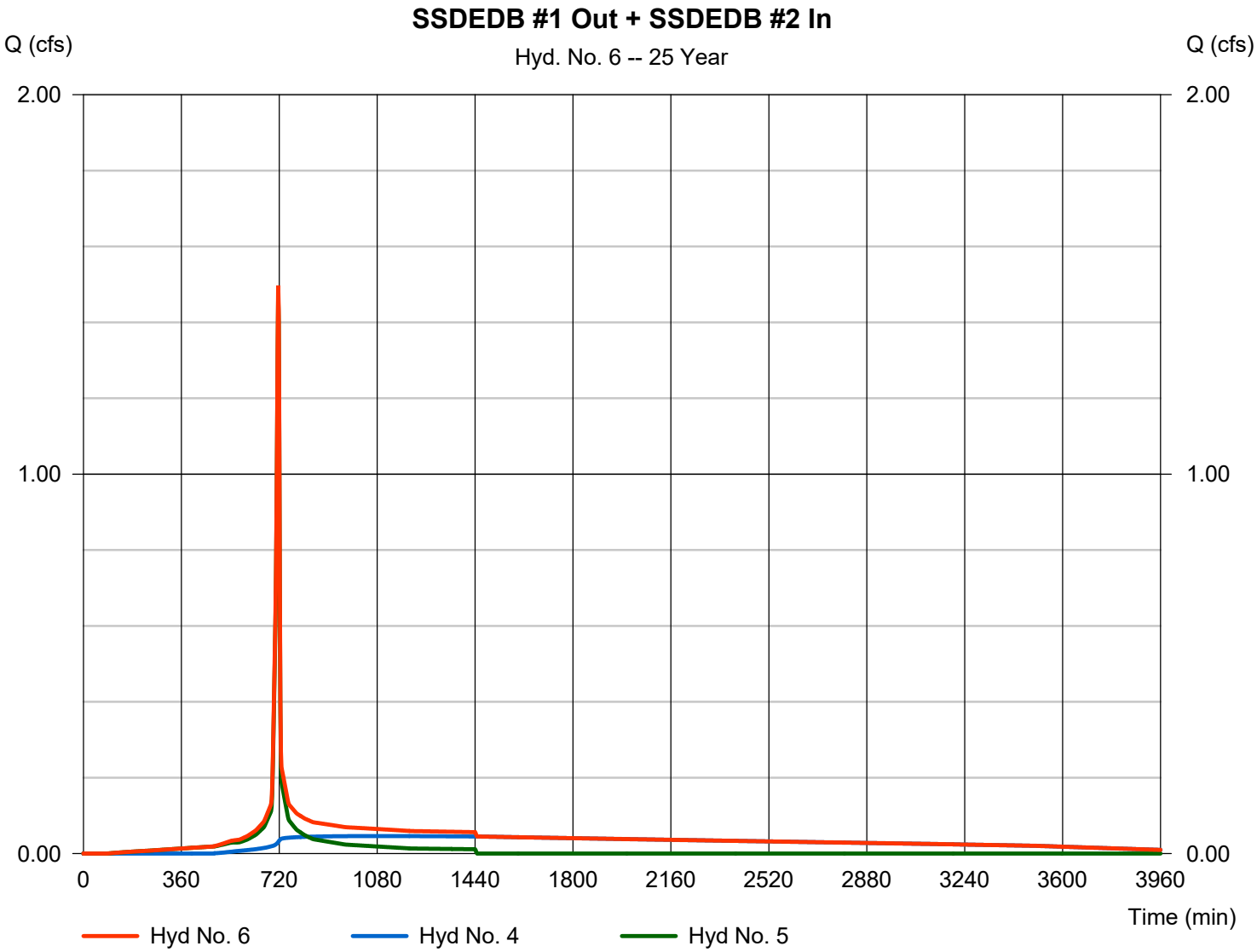
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 1.497 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 10,081 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



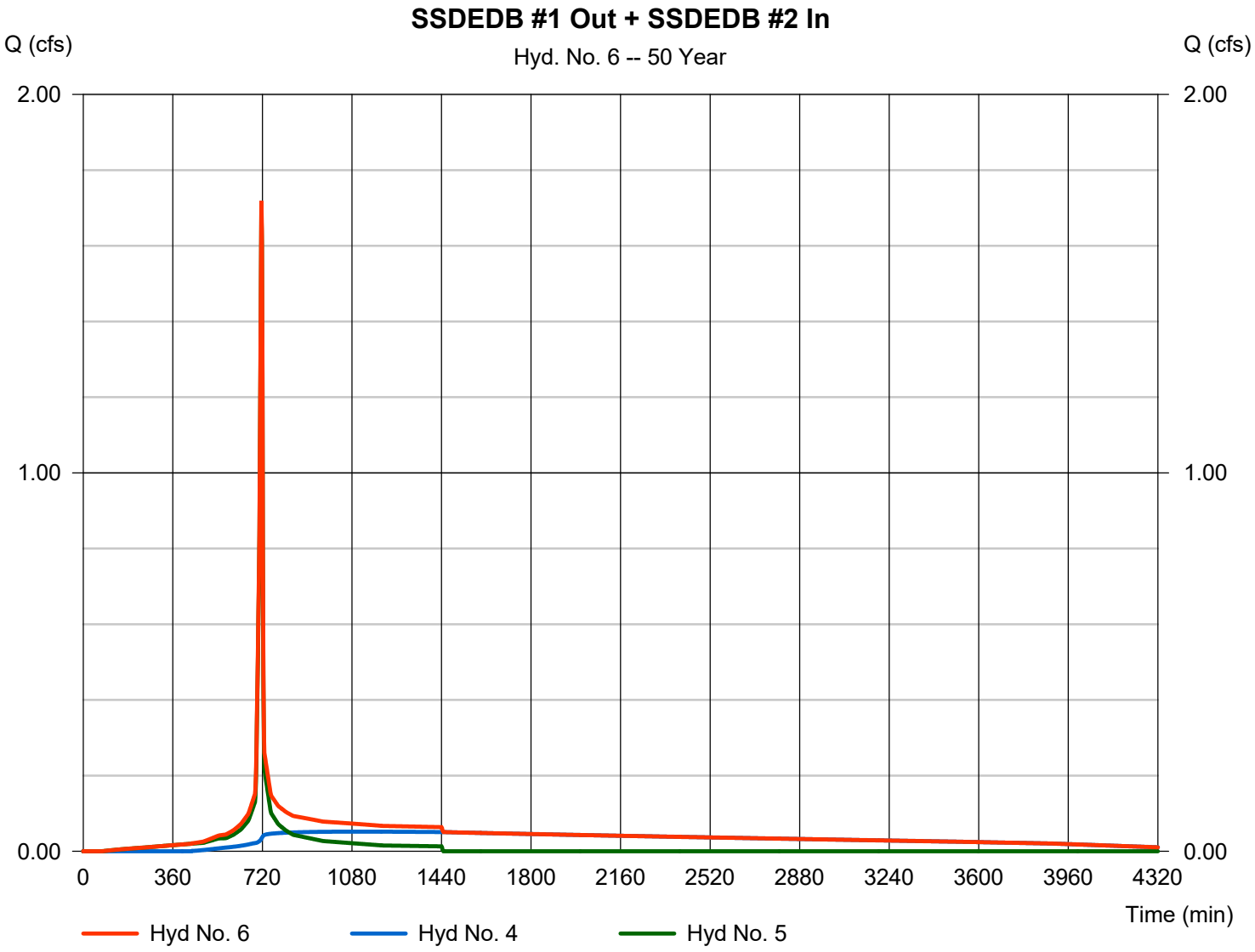
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 1.718 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 12,035 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



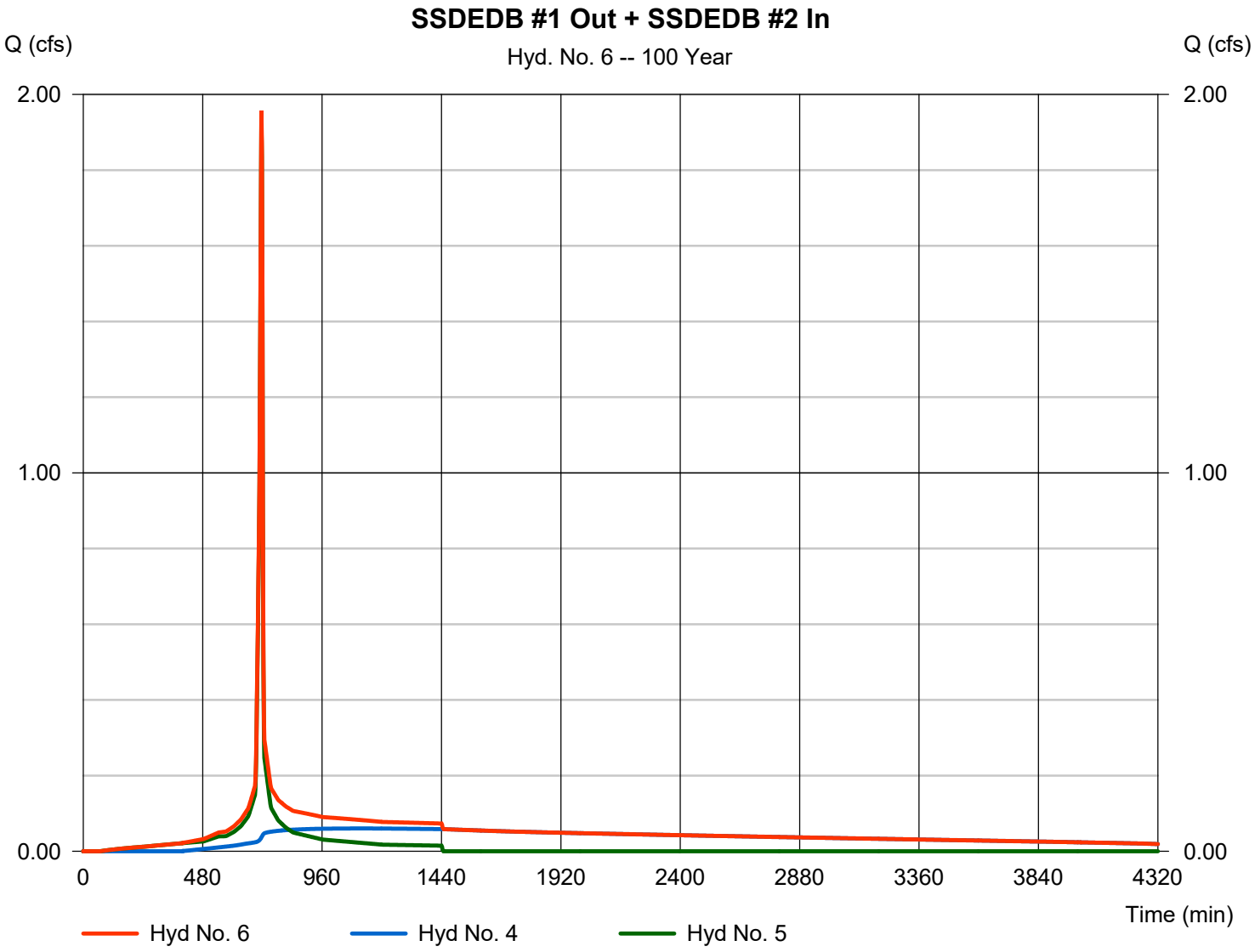
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #1 Out + SSDEDB #2 In

Hydrograph type	= Combine	Peak discharge	= 1.957 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 14,183 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.190 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #2

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	472.9000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	472.9833	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	473.0667	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	473.1500	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	473.2333	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	473.3167	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	473.4000	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	473.4833	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	473.5667	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	473.6500	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	473.7333	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	473.8167	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	473.9000	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	473.9833	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	474.0667	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	474.1500	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	474.2333	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	474.3167	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	474.4000	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	474.4833	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	474.5667	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	474.6500	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	474.7333	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	474.8167	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	474.9000	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	474.9833	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	475.0667	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	475.1500	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	475.2333	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	475.3167	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	475.4000	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	475.4833	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	475.5667	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	475.6500	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	475.7333	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	475.8167	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	475.9000	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	475.9833	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	476.0667	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	476.1500	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	476.2333	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	476.3167	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	476.4000	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	476.4833	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	476.5667	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	476.6500	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	476.7333	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	476.8167	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	476.9000	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	476.9833	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	477.0667	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	477.1500	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	477.2333	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	477.3167	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	477.4000	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	477.4833	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	477.5667	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	477.6500	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	477.7333	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	477.8167	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	477.9000	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	477.9833	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	478.0667	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	478.1500	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	478.2333	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	478.3167	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	478.4000	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 2 - SSDEDB #2

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	472.90	n/a	0	0
0.33	473.23	n/a	199	199
0.67	473.57	n/a	199	397
1.00	473.90	n/a	374	772
1.33	474.23	n/a	428	1,200
1.67	474.57	n/a	421	1,620
2.00	474.90	n/a	412	2,033
2.33	475.23	n/a	402	2,434
2.67	475.57	n/a	389	2,823
3.00	475.90	n/a	373	3,197
3.33	476.23	n/a	354	3,550
3.67	476.57	n/a	330	3,880
4.00	476.90	n/a	296	4,177
4.33	477.23	n/a	238	4,415
4.67	477.57	n/a	203	4,617
5.00	477.90	n/a	199	4,816
5.33	478.23	n/a	199	5,015
5.50	478.40	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 472.90	472.90	0.00	0.00
Length (ft)	= 9.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	Inactive	0.00	0.00	0.00
Crest El. (ft)	= 478.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No
Exfil.(in/hr)	= 0.000 (by Wet area)			
TW Elev. (ft)	= 0.00			

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	472.90	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	473.23	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	397	473.57	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	772	473.90	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,200	474.23	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	1,620	474.57	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,033	474.90	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	2,434	475.23	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	2,823	475.57	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	3,197	475.90	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	3,550	476.23	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	3,880	476.57	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	4,177	476.90	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	4,415	477.23	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	4,617	477.57	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	4,816	477.90	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.058
5.33	5,015	478.23	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.060
5.50	5,114	478.40	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.061

Hydrograph Report

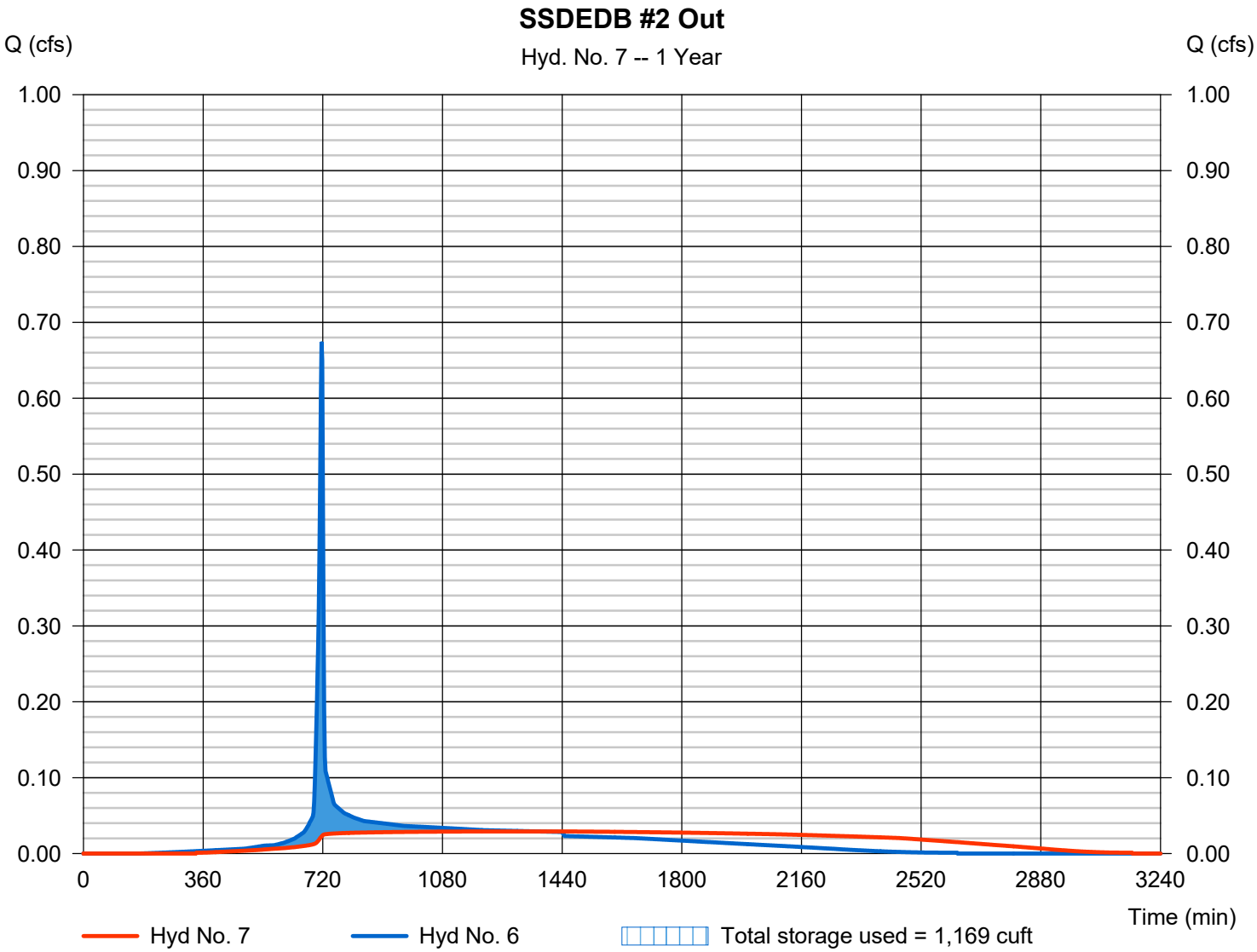
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.029 cfs
Storm frequency	= 1 yrs	Time to peak	= 1360 min
Time interval	= 2 min	Hyd. volume	= 3,346 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	= 474.21 ft
Reservoir name	= SSDEDB #2	Max. Storage	= 1,169 cuft

Storage Indication method used.



Hydrograph Report

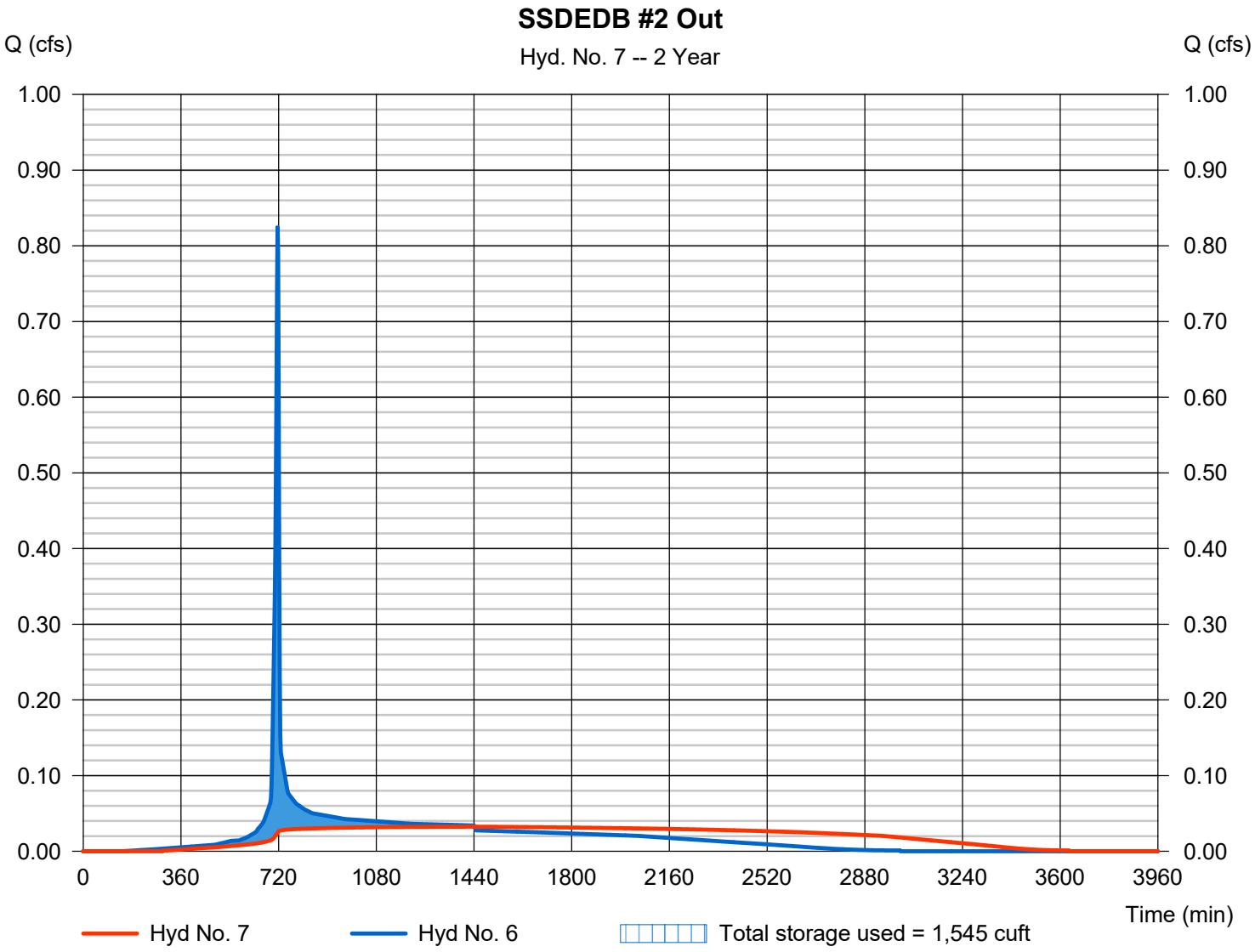
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.032 cfs
Storm frequency	= 2 yrs	Time to peak	= 1442 min
Time interval	= 2 min	Hyd. volume	= 4,470 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	= 474.51 ft
Reservoir name	= SSDEDB #2	Max. Storage	= 1,545 cuft

Storage Indication method used.



Hydrograph Report

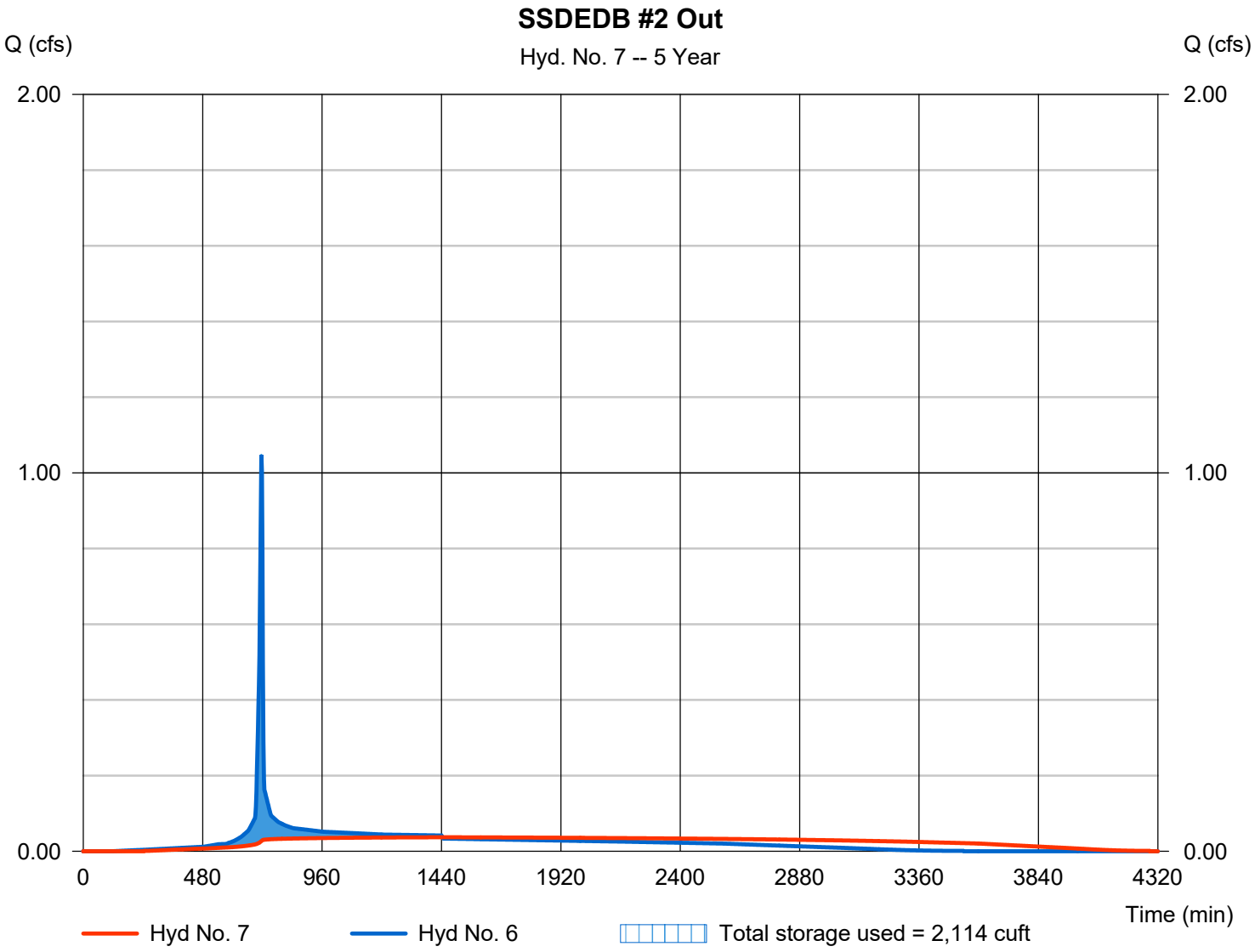
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.037 cfs
Storm frequency	=	5 yrs	Time to peak	=	1444 min
Time interval	=	2 min	Hyd. volume	=	6,238 cuft
Inflow hyd. No.	=	6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	=	474.97 ft
Reservoir name	=	SSDEDB #2	Max. Storage	=	2,114 cuft

Storage Indication method used.



Hydrograph Report

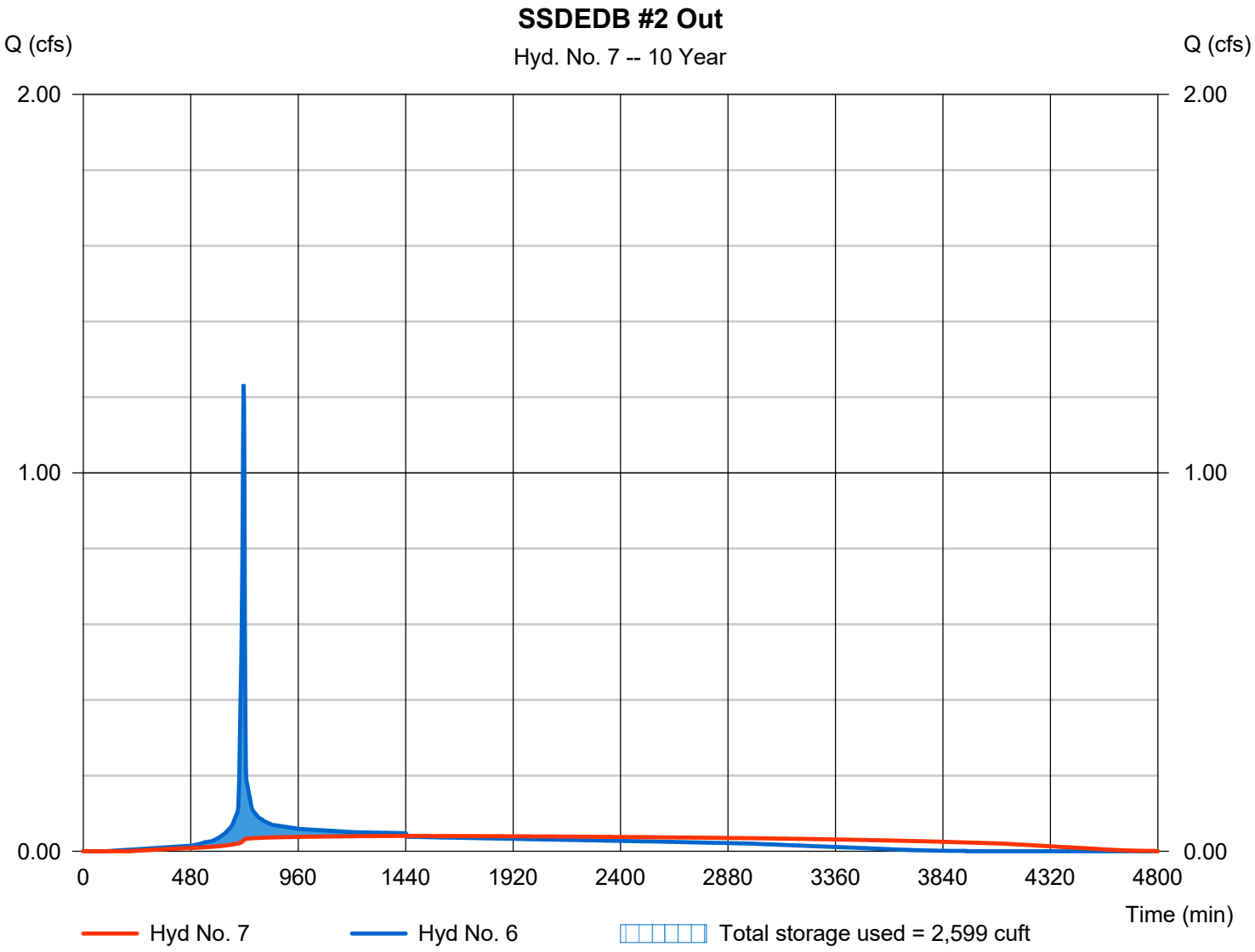
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.041 cfs
Storm frequency	= 10 yrs	Time to peak	= 1446 min
Time interval	= 2 min	Hyd. volume	= 7,784 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	= 475.37 ft
Reservoir name	= SSDEDB #2	Max. Storage	= 2,599 cuft

Storage Indication method used.



Hydrograph Report

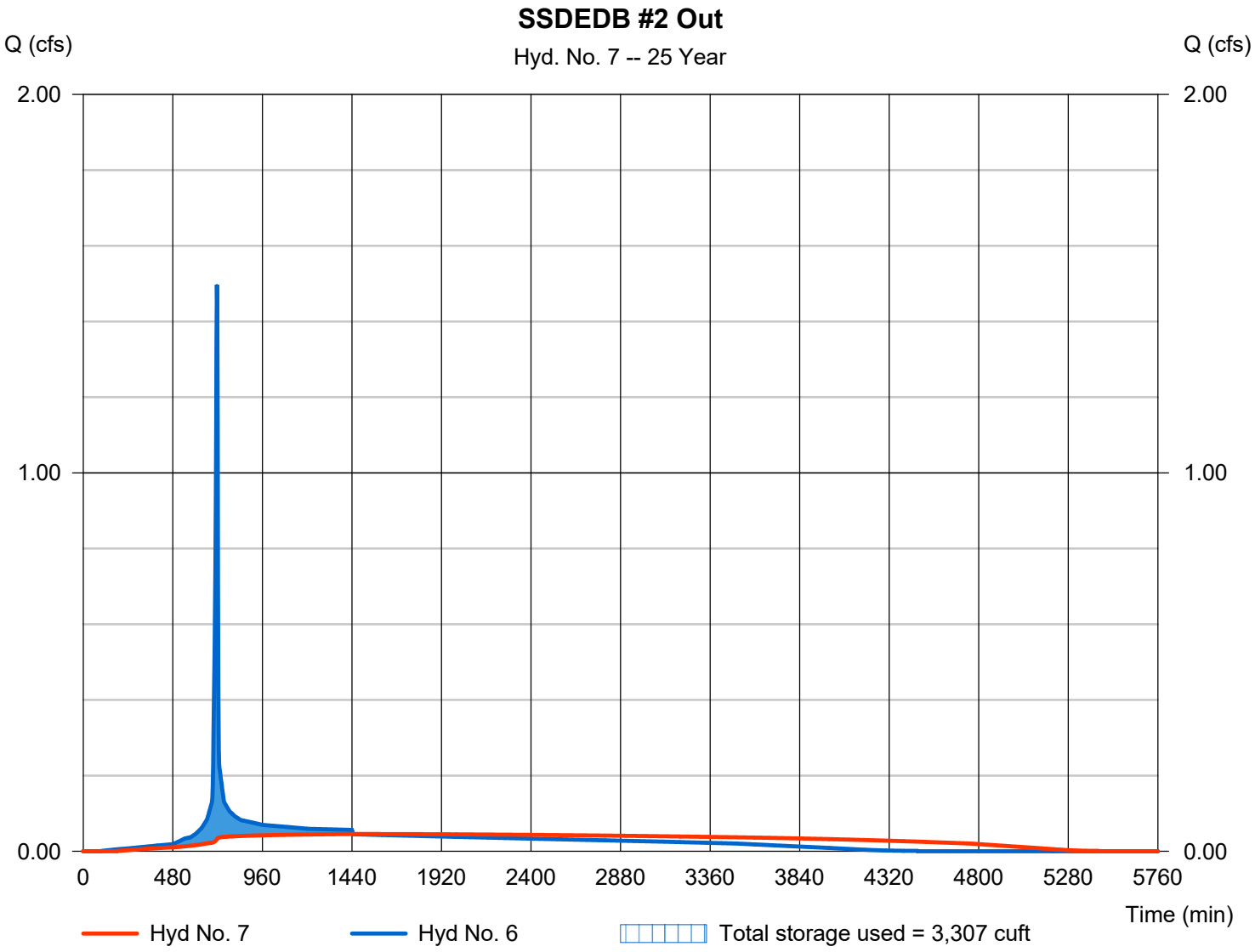
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.046 cfs
Storm frequency	= 25 yrs	Time to peak	= 1448 min
Time interval	= 2 min	Hyd. volume	= 10,066 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	= 476.00 ft
Reservoir name	= SSDEDB #2	Max. Storage	= 3,307 cuft

Storage Indication method used.



Hydrograph Report

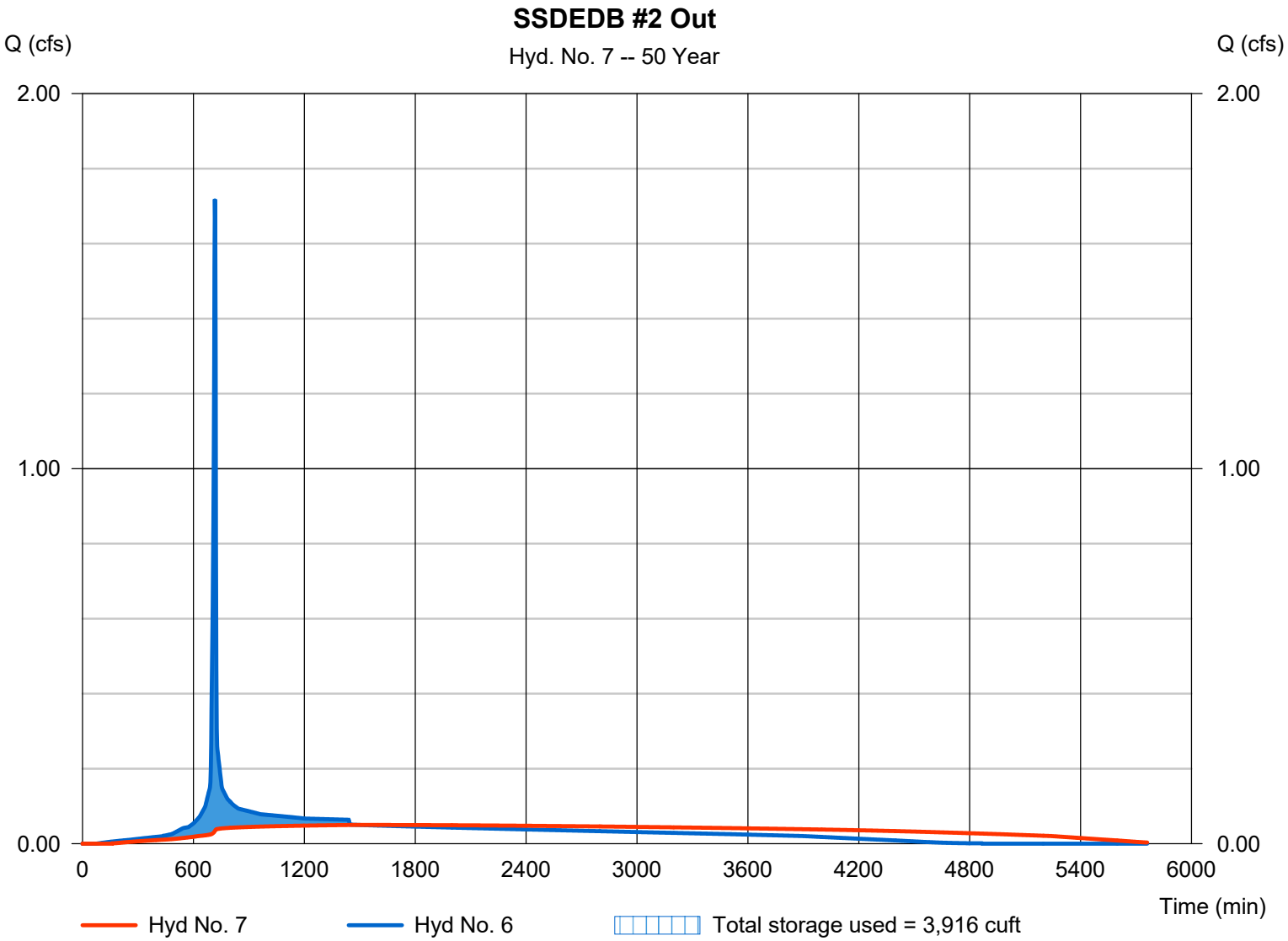
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.050 cfs
Storm frequency	=	50 yrs	Time to peak	=	1496 min
Time interval	=	2 min	Hyd. volume	=	12,002 cuft
Inflow hyd. No.	=	6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	=	476.61 ft
Reservoir name	=	SSDEDB #2	Max. Storage	=	3,916 cuft

Storage Indication method used.



Hydrograph Report

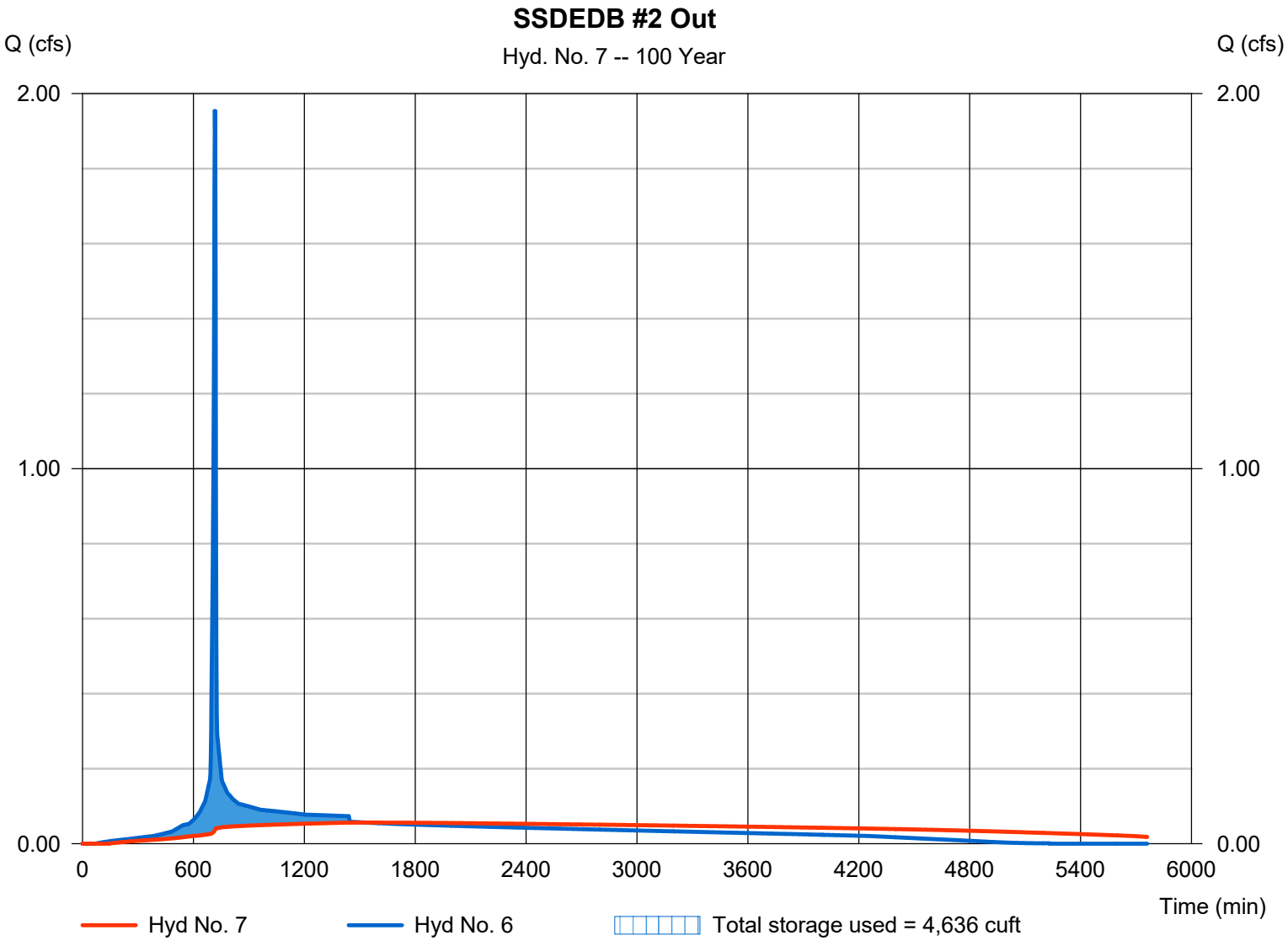
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 100 yrs	Time to peak	= 1536 min
Time interval	= 2 min	Hyd. volume	= 13,870 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Max. Elevation	= 477.60 ft
Reservoir name	= SSDEDB #2	Max. Storage	= 4,636 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #3

GROUND COVER	AREA (ACRES)	CN
WOODS	0.36	55
LAWNS	0.13	61
IMPERVIOUS	0.25	98

TOTAL 0.74

Hyd. No. 8

SSDEDB #3 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 5.30		0.00		0.00		
Travel Time (min)	**= 9.60**	**+**	**0.00**	**+**	**0.00**	**=**	**9.60**
Shallow Concentrated Flow							
Flow length (ft)	= 60.00		0.00		0.00		
Watercourse slope (%)	= 6.70		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=4.18		0.00		0.00		
Travel Time (min)	**= 0.24**	**+**	**0.00**	**+**	**0.00**	**=**	**0.24**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 7.60		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=15.72						
			0.00				
					0.00		
Flow length (ft)	({0})79.0		0.0		0.0		
Travel Time (min)	**= 0.08**	**+**	**0.00**	**+**	**0.00**	**=**	**0.08**

Total Travel Time, Tc ..... 9.90 min

Hydrograph Report

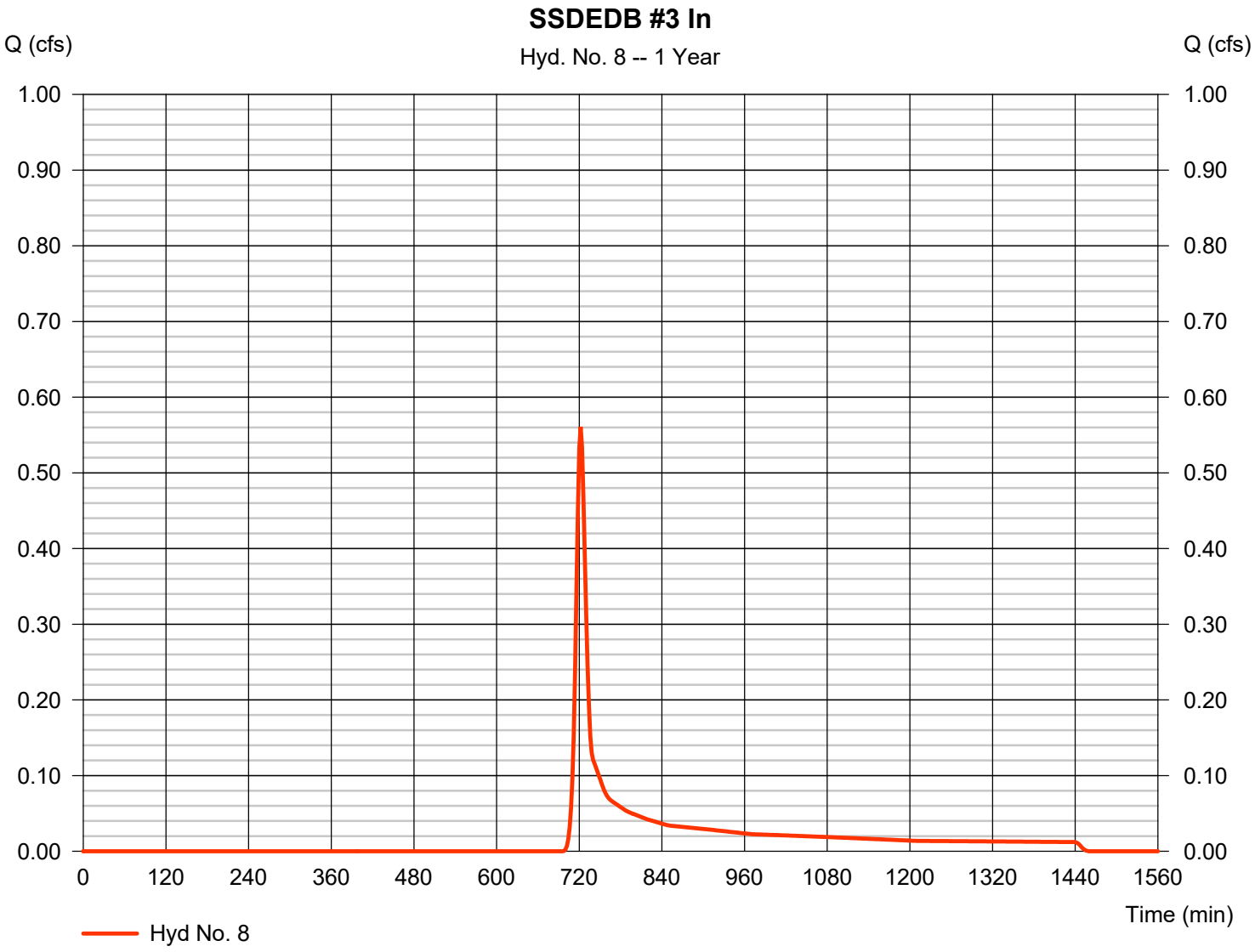
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.561 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 1,631 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

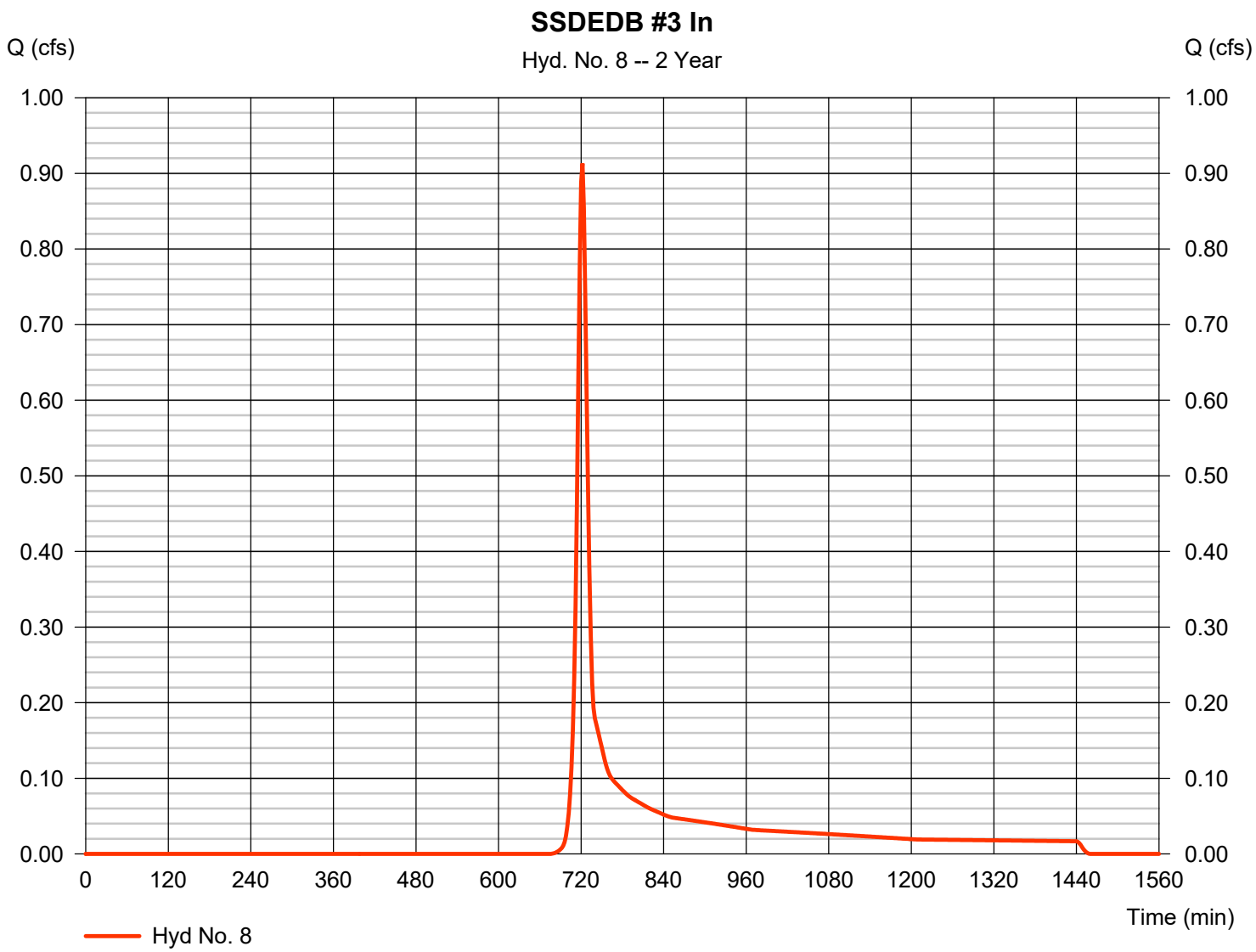
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.913 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 2,499 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

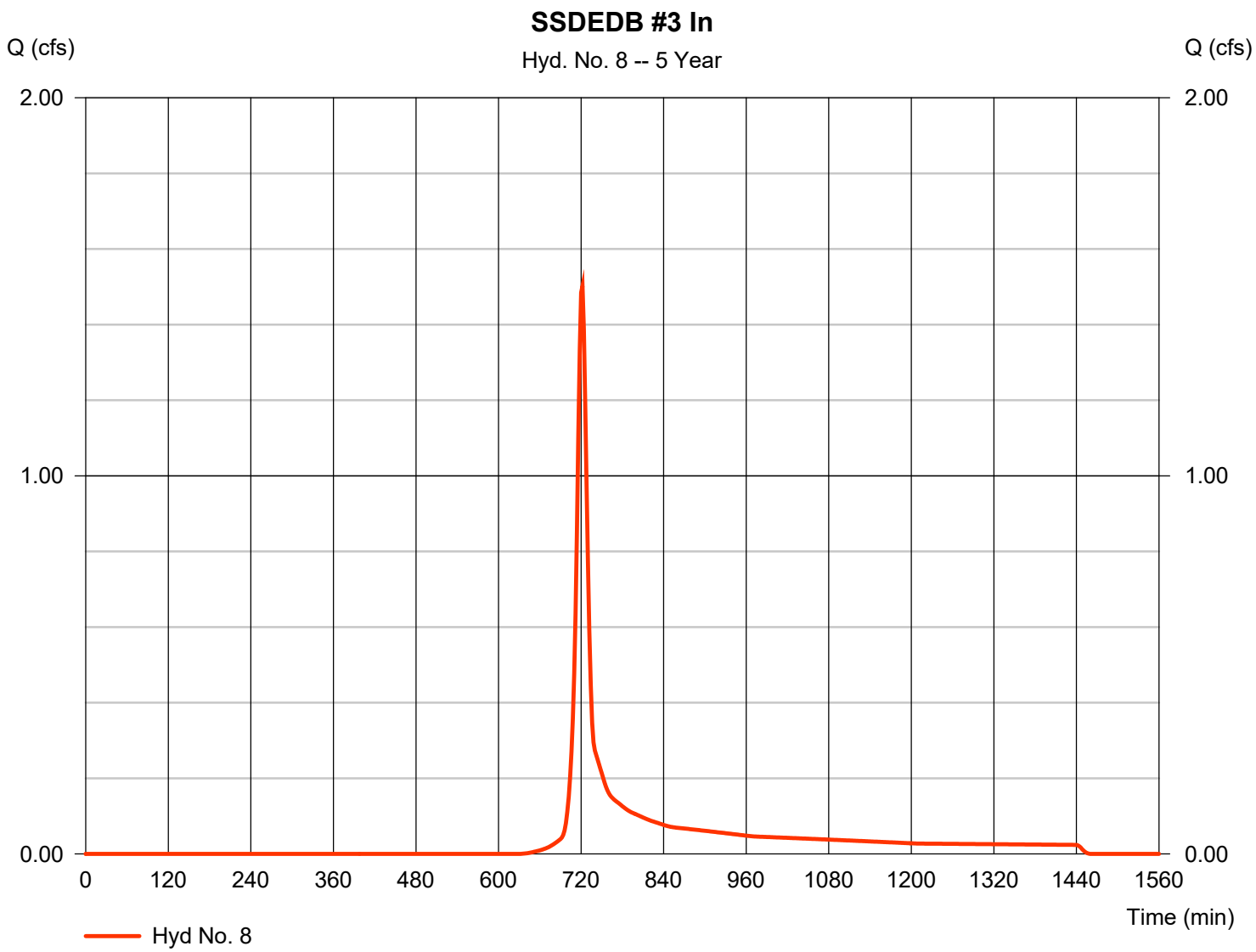
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.502 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,976 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

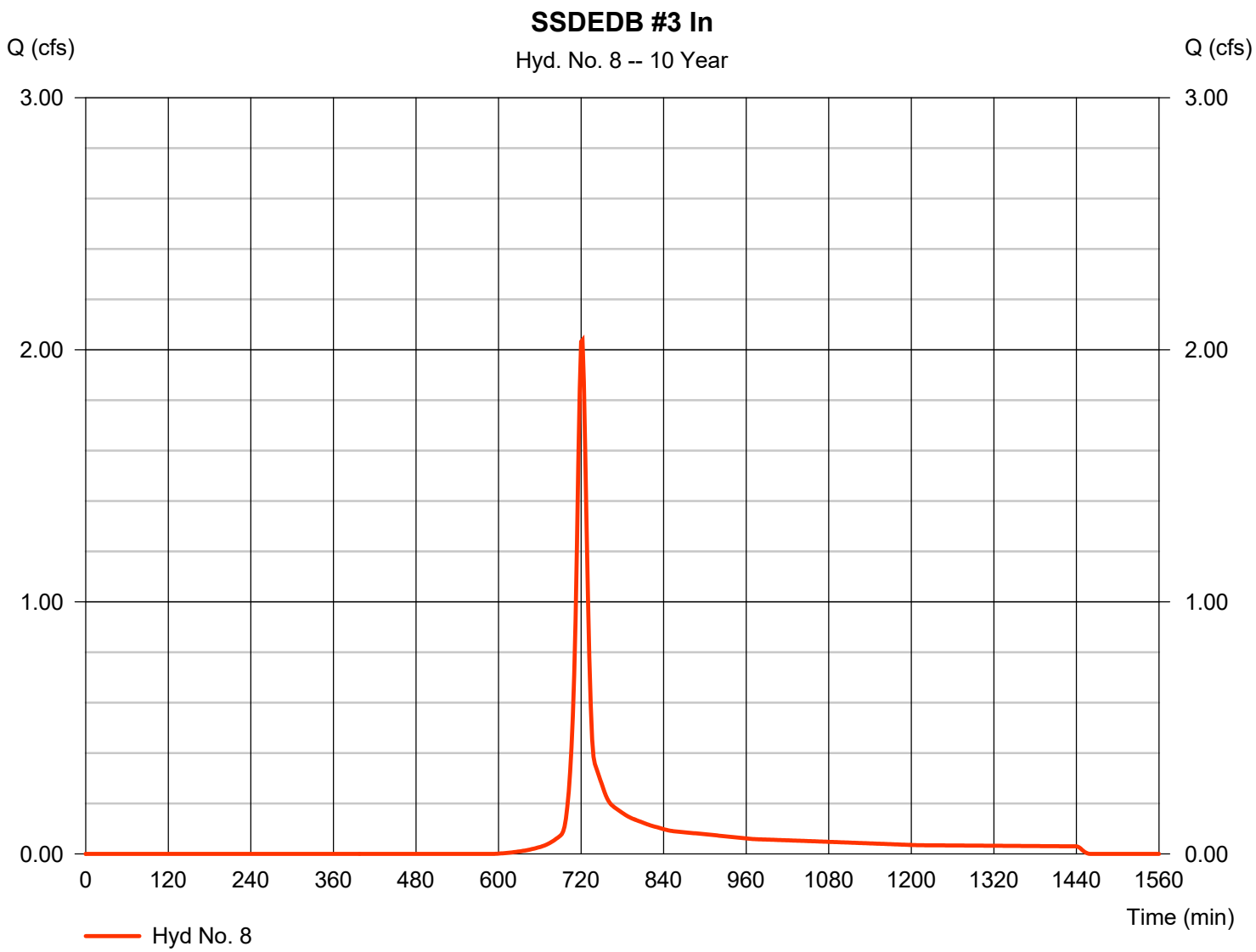
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.039 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,345 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

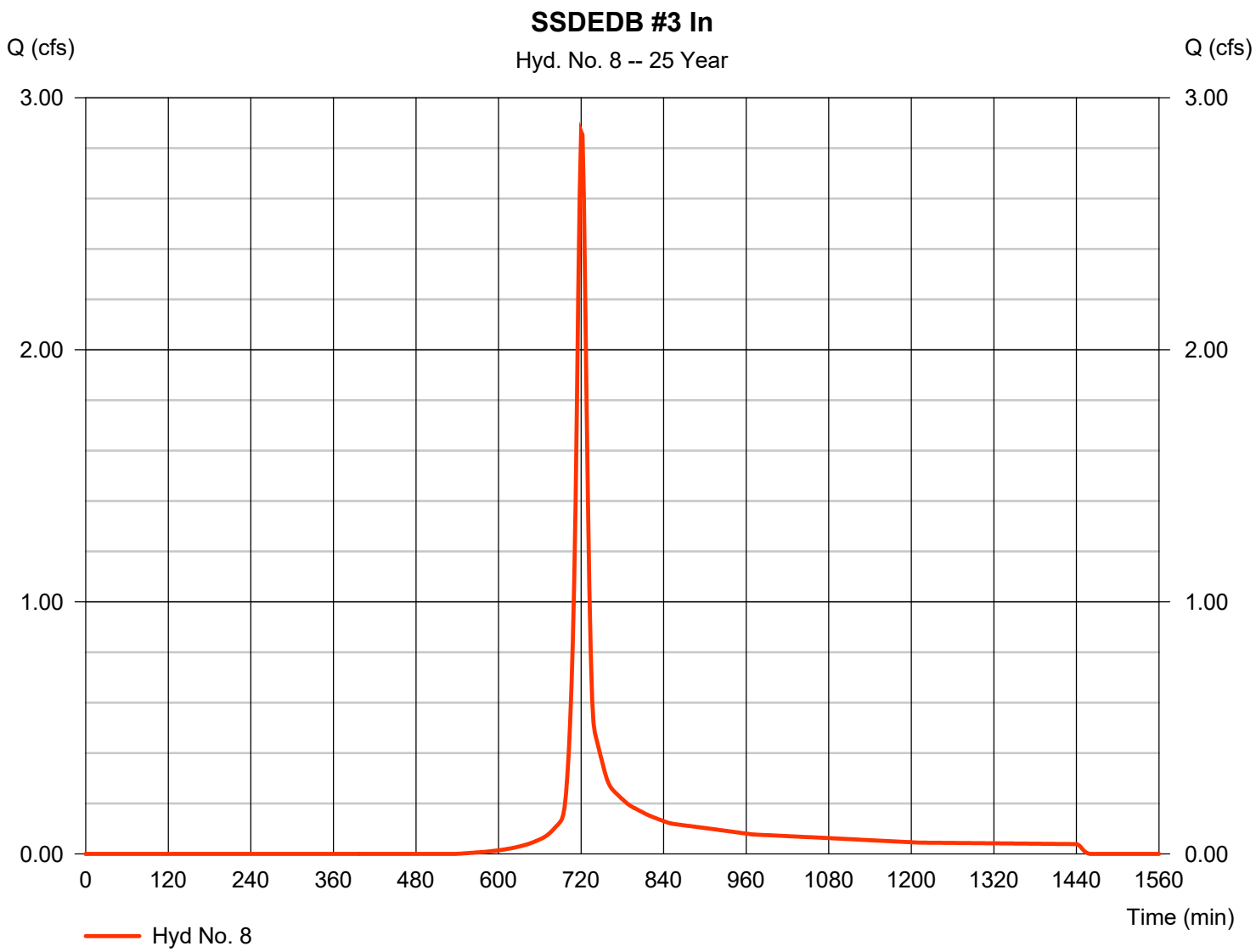
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.866 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 7,454 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

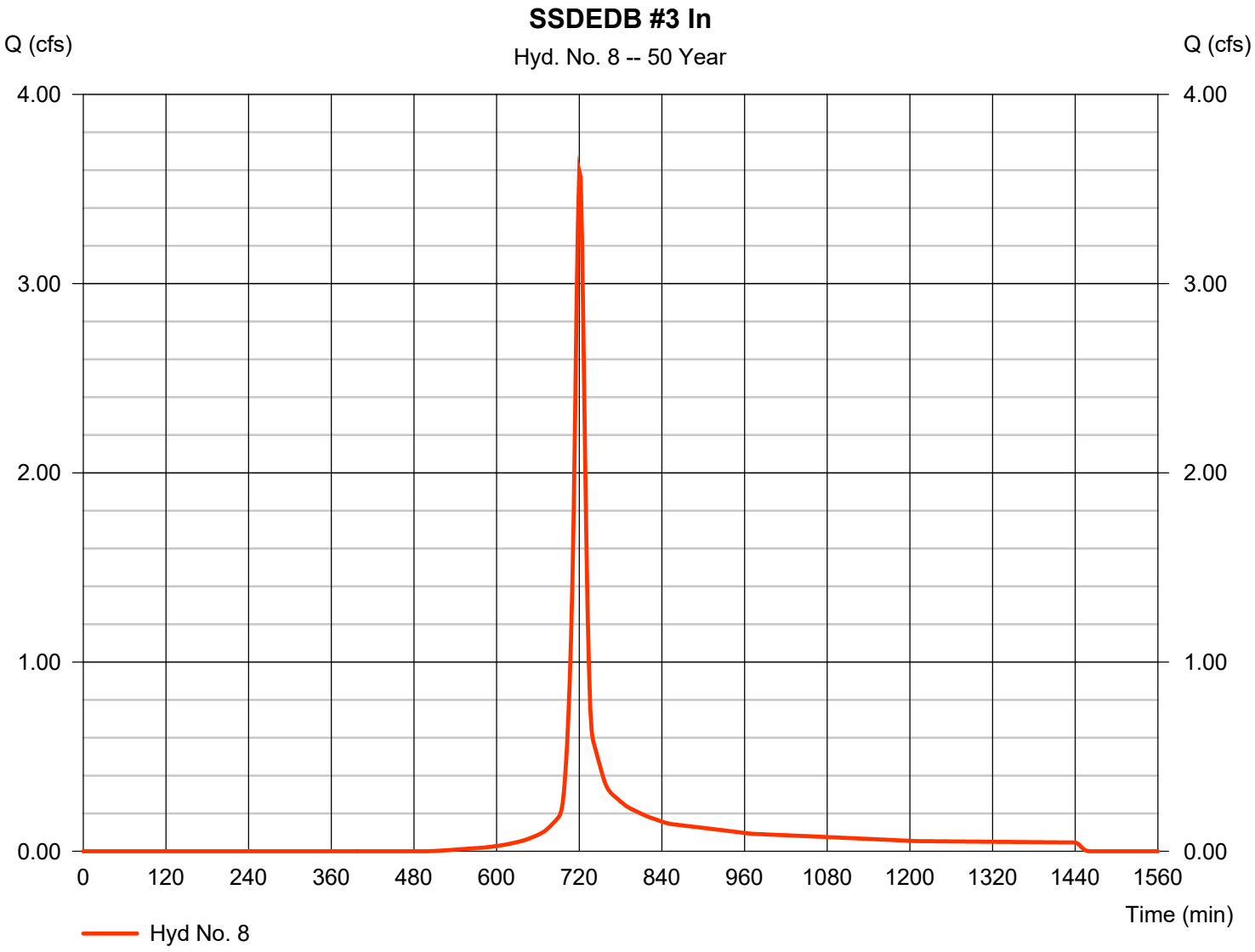
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.594 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 9,320 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



Hydrograph Report

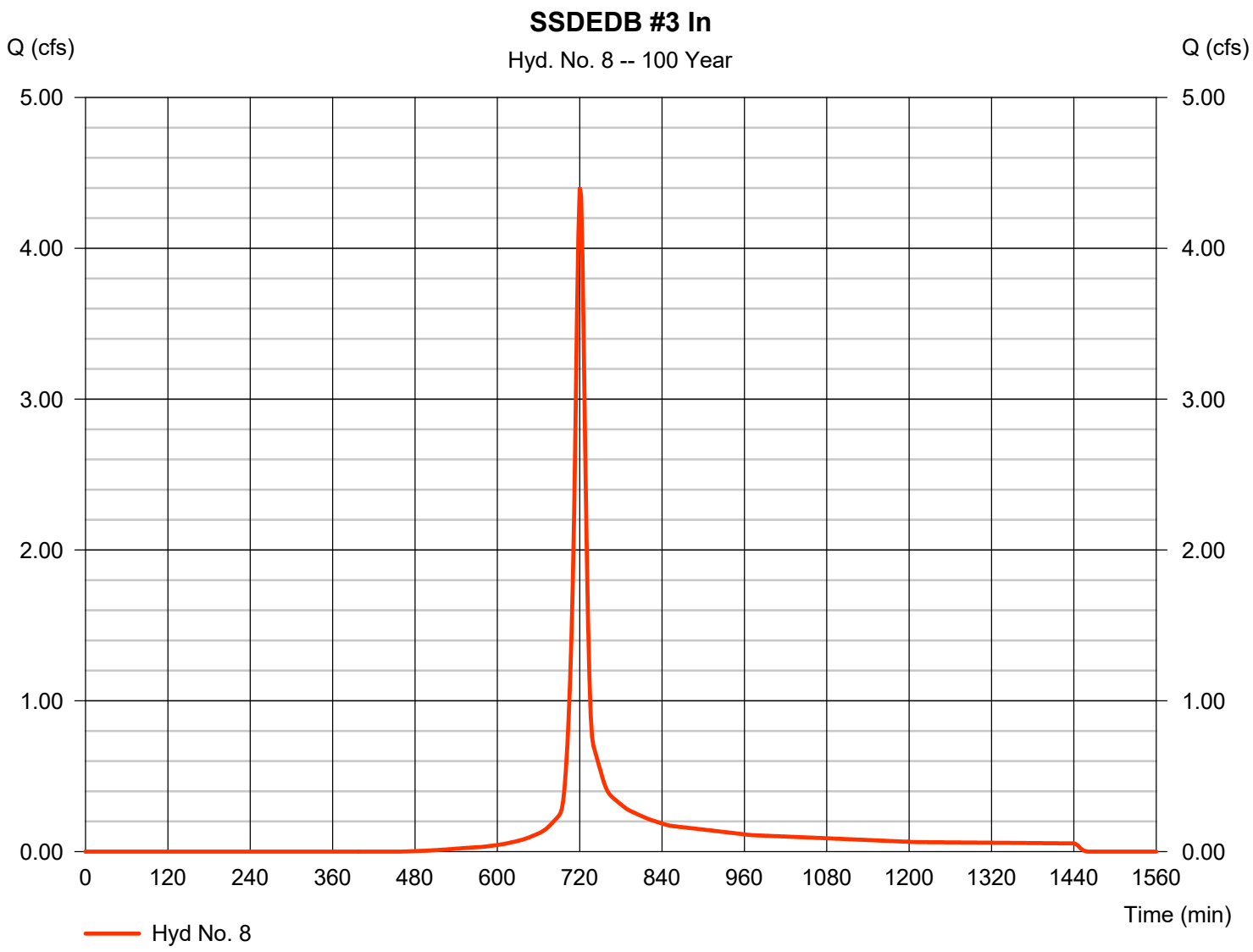
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #3 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.404 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 11,419 cuft
Drainage area	= 0.740 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.90 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.360 x 55) + (0.130 x 61) + (0.250 x 98)] / 0.740



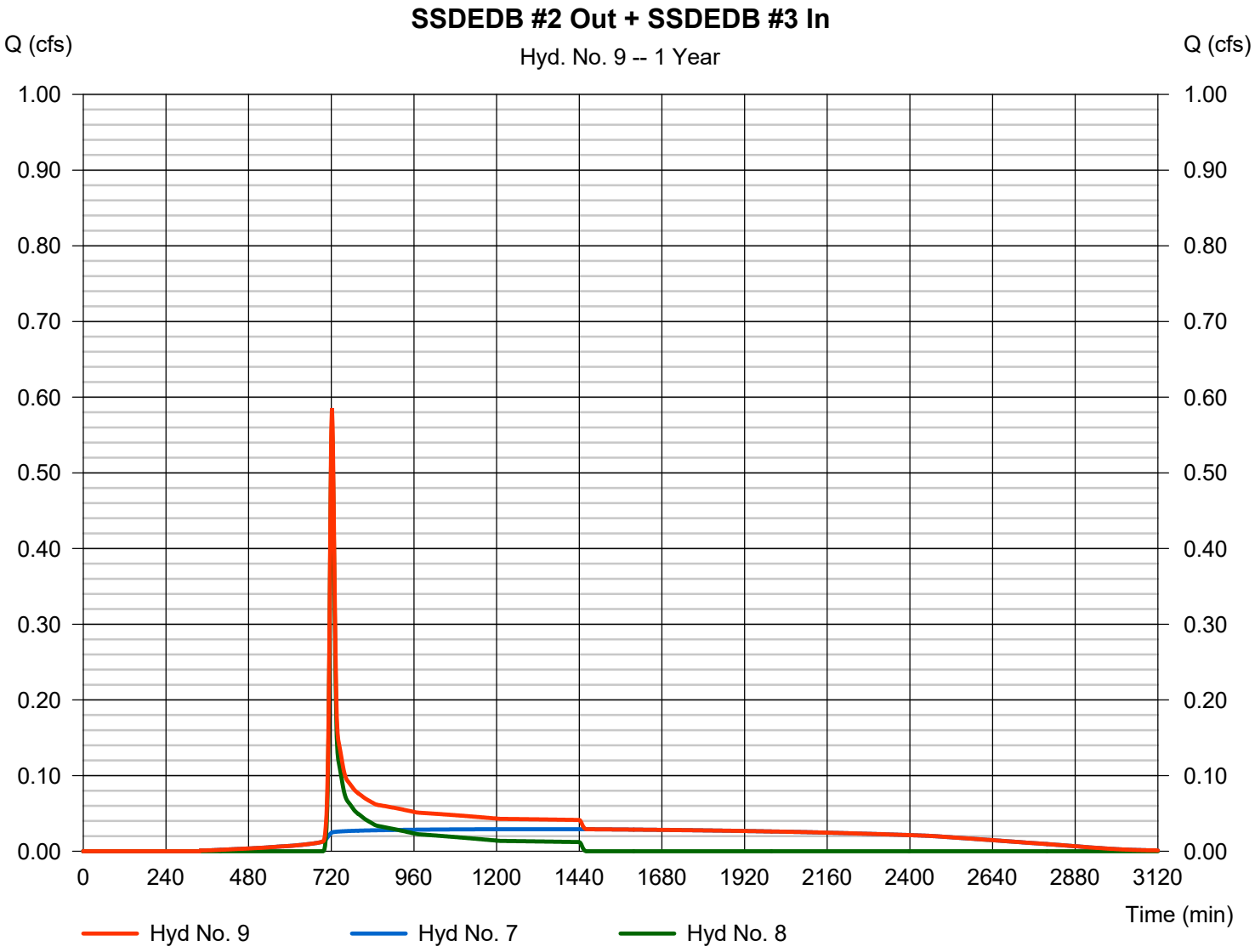
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 0.586 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 4,978 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



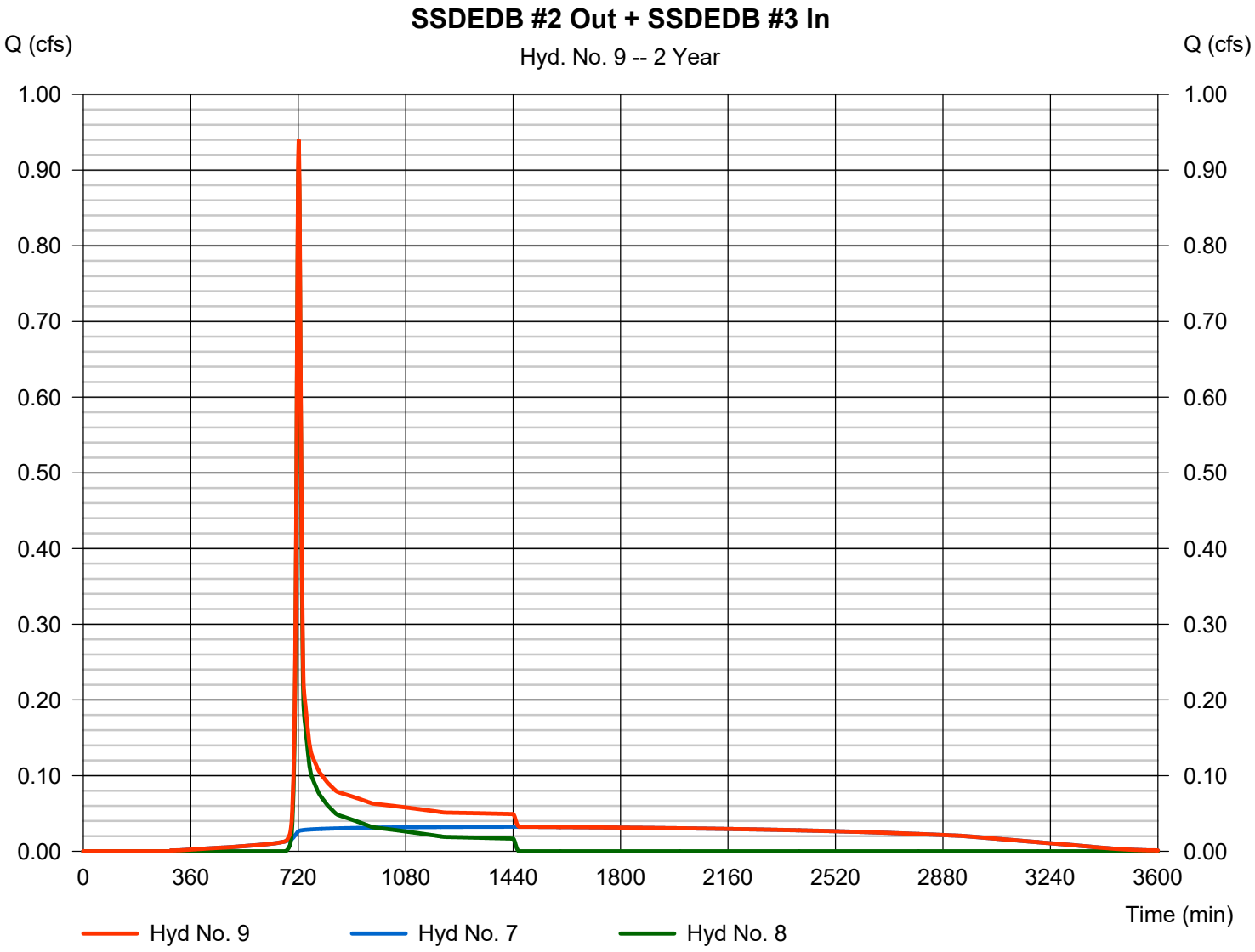
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 0.940 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 6,970 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



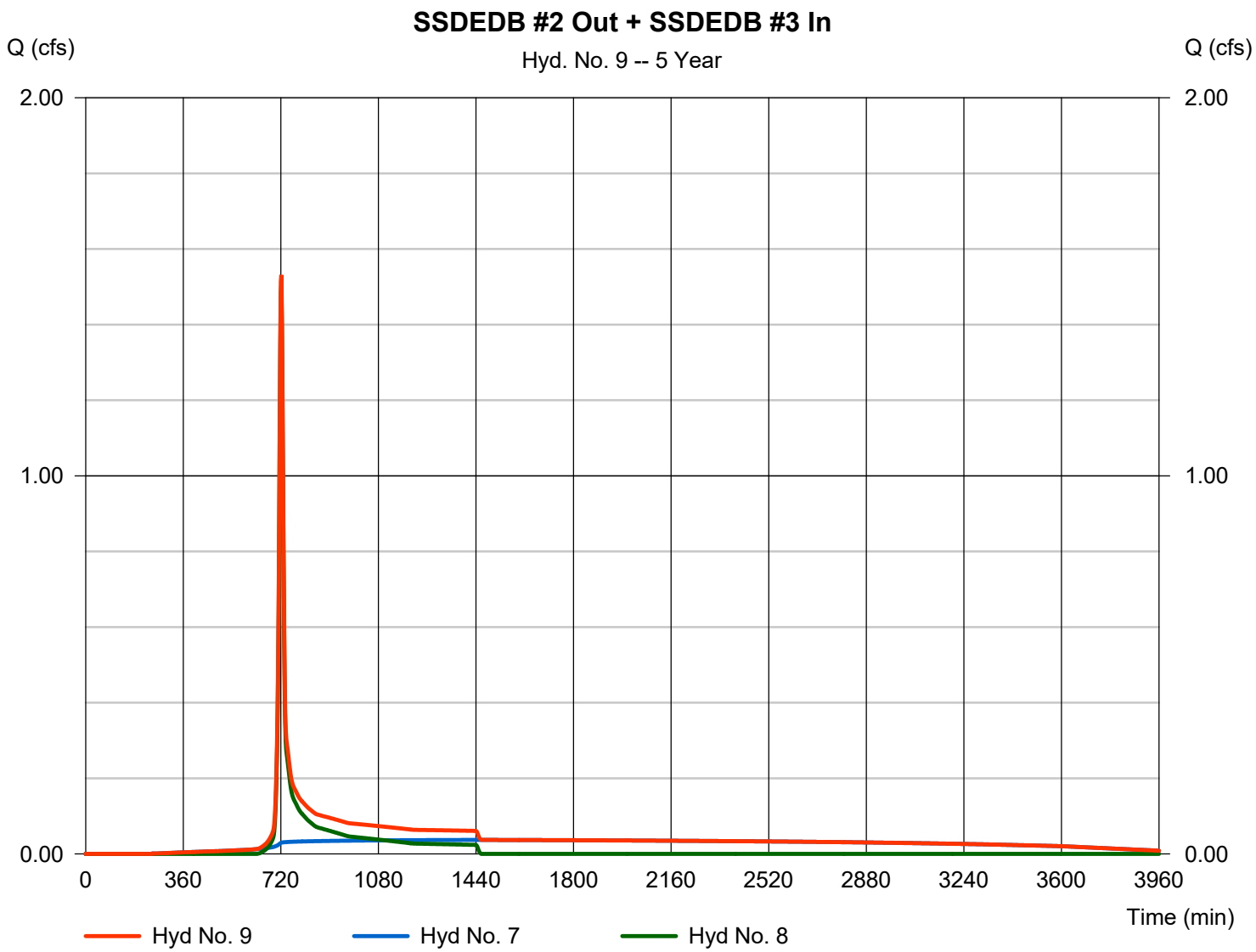
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 1.532 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 10,214 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



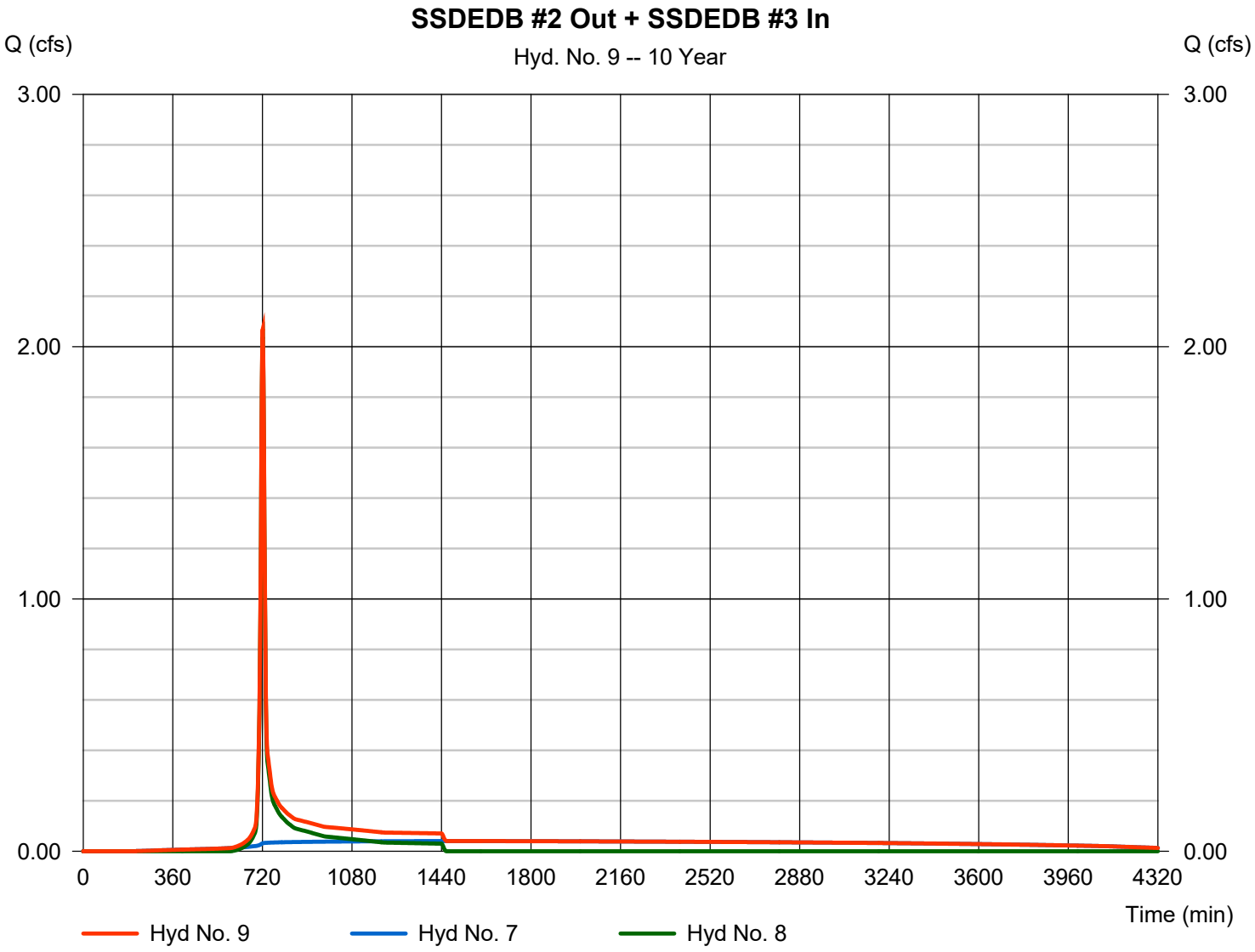
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 2.071 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,129 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



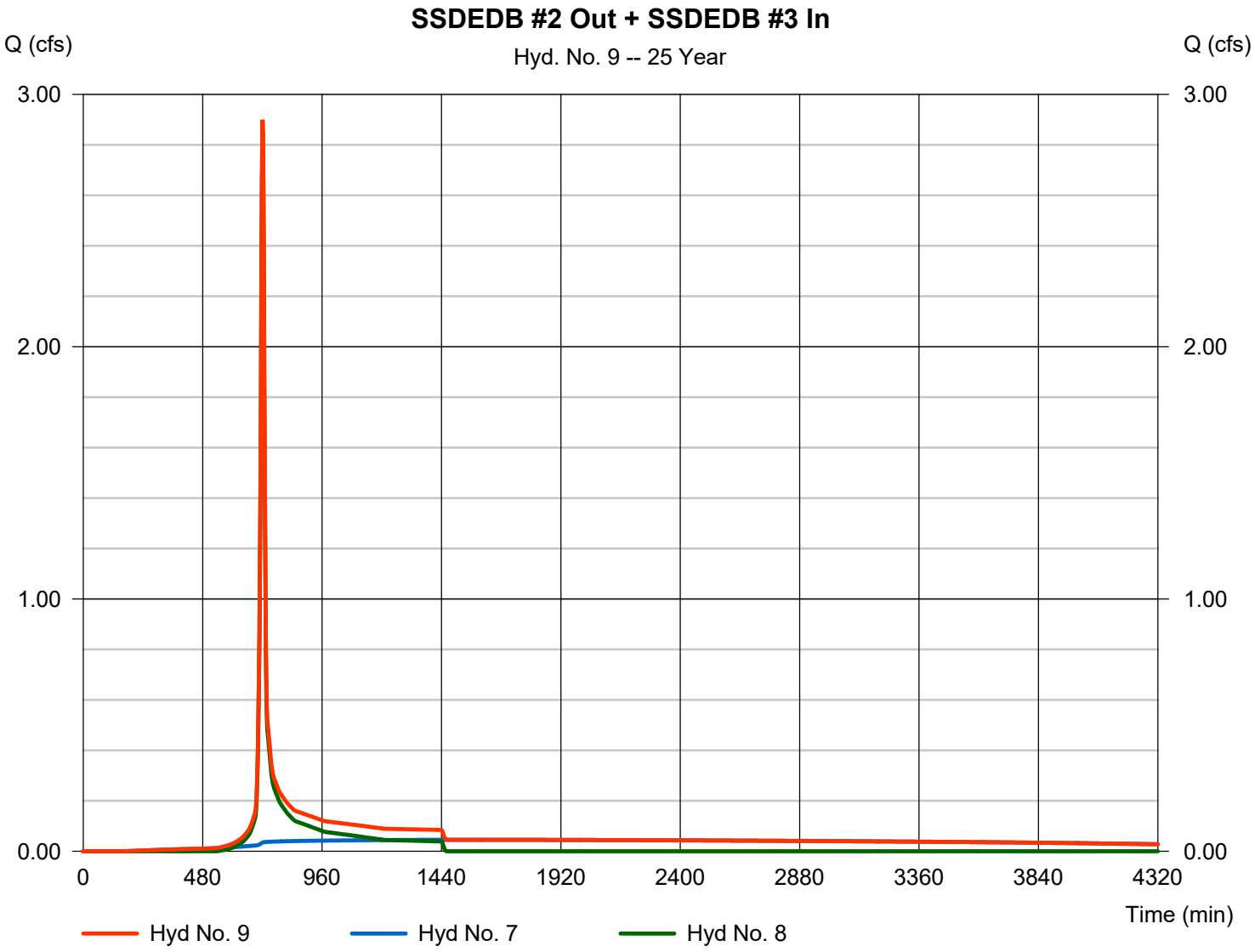
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 2.900 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 17,519 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



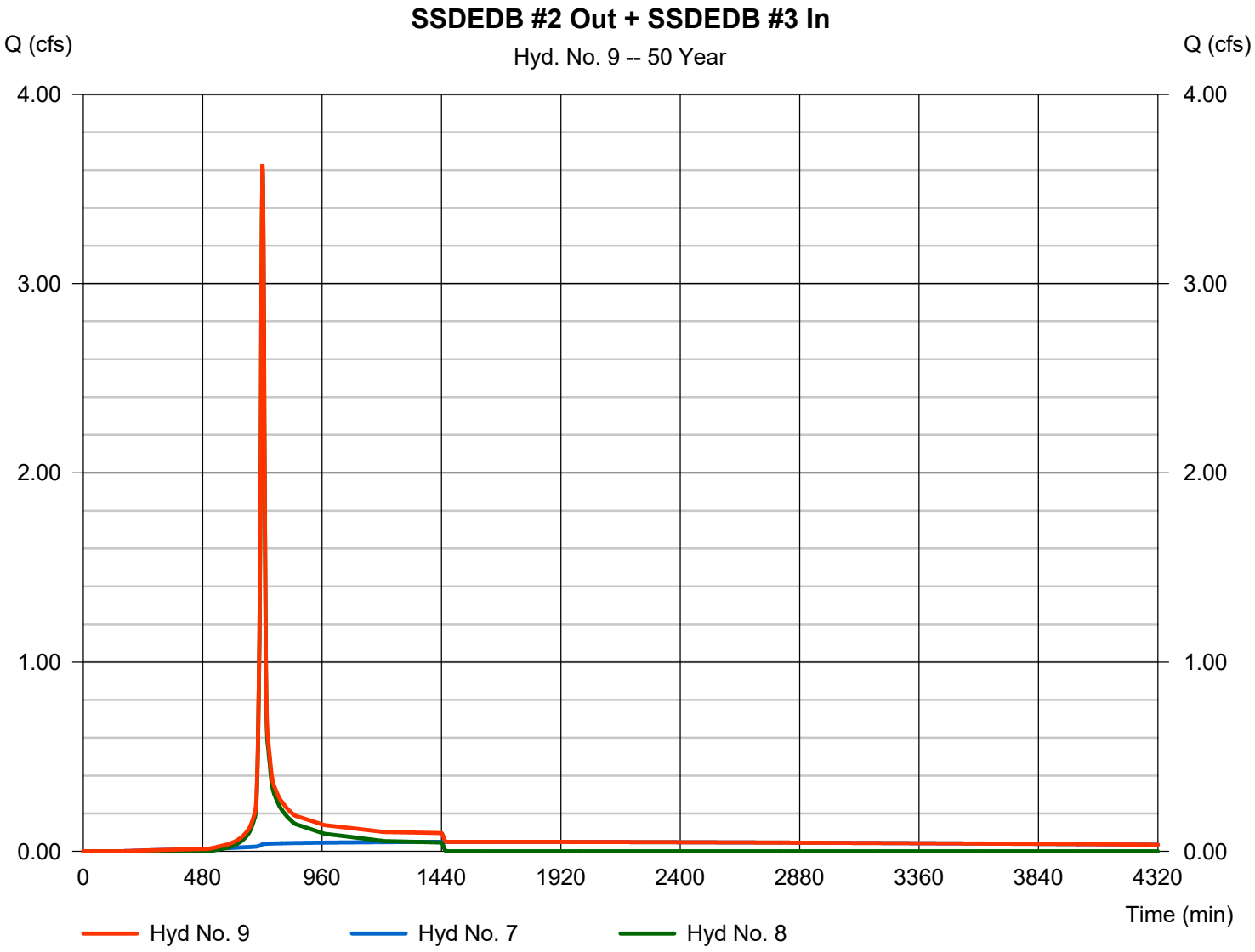
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 3.631 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 21,323 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



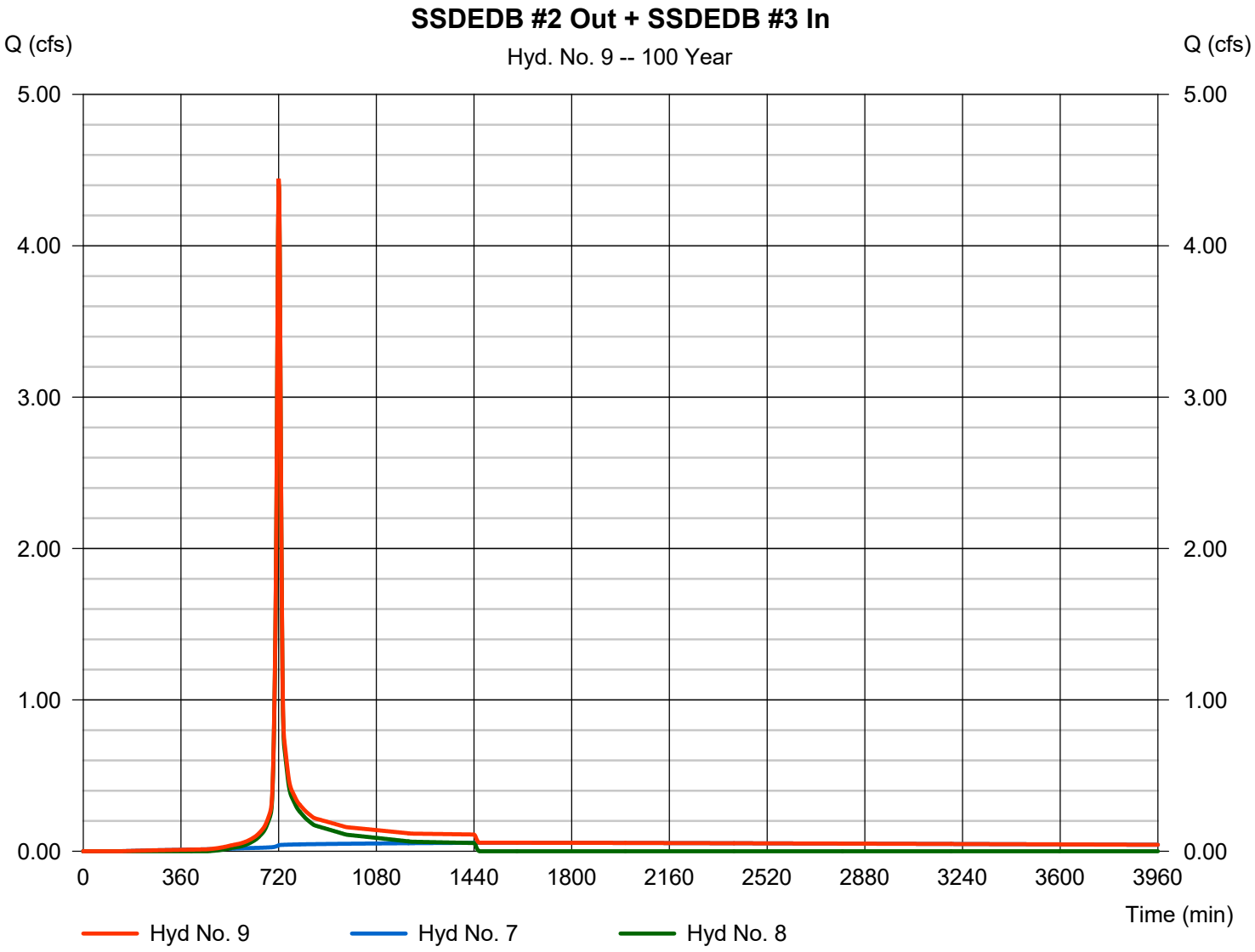
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #2 Out + SSDEDB #3 In

Hydrograph type	= Combine	Peak discharge	= 4.443 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 25,289 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.740 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #3

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	467.9000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	467.9833	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	468.0667	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	468.1500	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	468.2333	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	468.3167	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	468.4000	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	468.4833	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	468.5667	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	468.6500	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	468.7333	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	468.8167	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	468.9000	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	468.9833	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	469.0667	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	469.1500	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	469.2333	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	469.3167	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	469.4000	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	469.4833	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	469.5667	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	469.6500	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	469.7333	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	469.8167	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	469.9000	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	469.9833	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	470.0667	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	470.1500	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	470.2333	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	470.3167	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	470.4000	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	470.4833	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	470.5667	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	470.6500	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	470.7333	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	470.8167	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	470.9000	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	470.9833	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	471.0667	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	471.1500	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	471.2333	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	471.3167	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	471.4000	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	471.4833	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	471.5667	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	471.6500	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	471.7333	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	471.8167	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	471.9000	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	471.9833	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	472.0667	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	472.1500	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	472.2333	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	472.3167	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	472.4000	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	472.4833	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	472.5667	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	472.6500	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	472.7333	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	472.8167	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	472.9000	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	472.9833	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	473.0667	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	473.1500	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	473.2333	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	473.3167	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	473.4000	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 3 - SSDEDB #3

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	467.90	n/a	0	0
0.33	468.23	n/a	199	199
0.67	468.57	n/a	199	397
1.00	468.90	n/a	374	772
1.33	469.23	n/a	428	1,200
1.67	469.57	n/a	421	1,620
2.00	469.90	n/a	412	2,033
2.33	470.23	n/a	402	2,434
2.67	470.57	n/a	389	2,823
3.00	470.90	n/a	373	3,197
3.33	471.23	n/a	354	3,550
3.67	471.57	n/a	330	3,880
4.00	471.90	n/a	296	4,177
4.33	472.23	n/a	238	4,415
4.67	472.57	n/a	203	4,617
5.00	472.90	n/a	199	4,816
5.33	473.23	n/a	199	5,015
5.50	473.40	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	0.00	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 467.90	467.90	0.00	0.00
Length (ft)	= 34.00	0.00	0.00	0.00
Slope (%)	= 1.02	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 473.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	467.90	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	468.23	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	397	468.57	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	772	468.90	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,200	469.23	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	1,620	469.57	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,033	469.90	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	2,434	470.23	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	2,823	470.57	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	3,197	470.90	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	3,550	471.23	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	3,880	471.57	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	4,177	471.90	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	4,415	472.23	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	4,617	472.57	0.23 ic	0.22 ic	---	---	0.00	---	---	---	---	---	0.222
5.00	4,816	472.90	0.23 ic	0.23 ic	---	---	0.00	---	---	---	---	---	0.230
5.33	5,015	473.23	0.98 ic	0.23 ic	---	---	0.75	---	---	---	---	---	0.980
5.50	5,114	473.40	1.92 ic	0.23 ic	---	---	1.68	---	---	---	---	---	1.916

Hydrograph Report

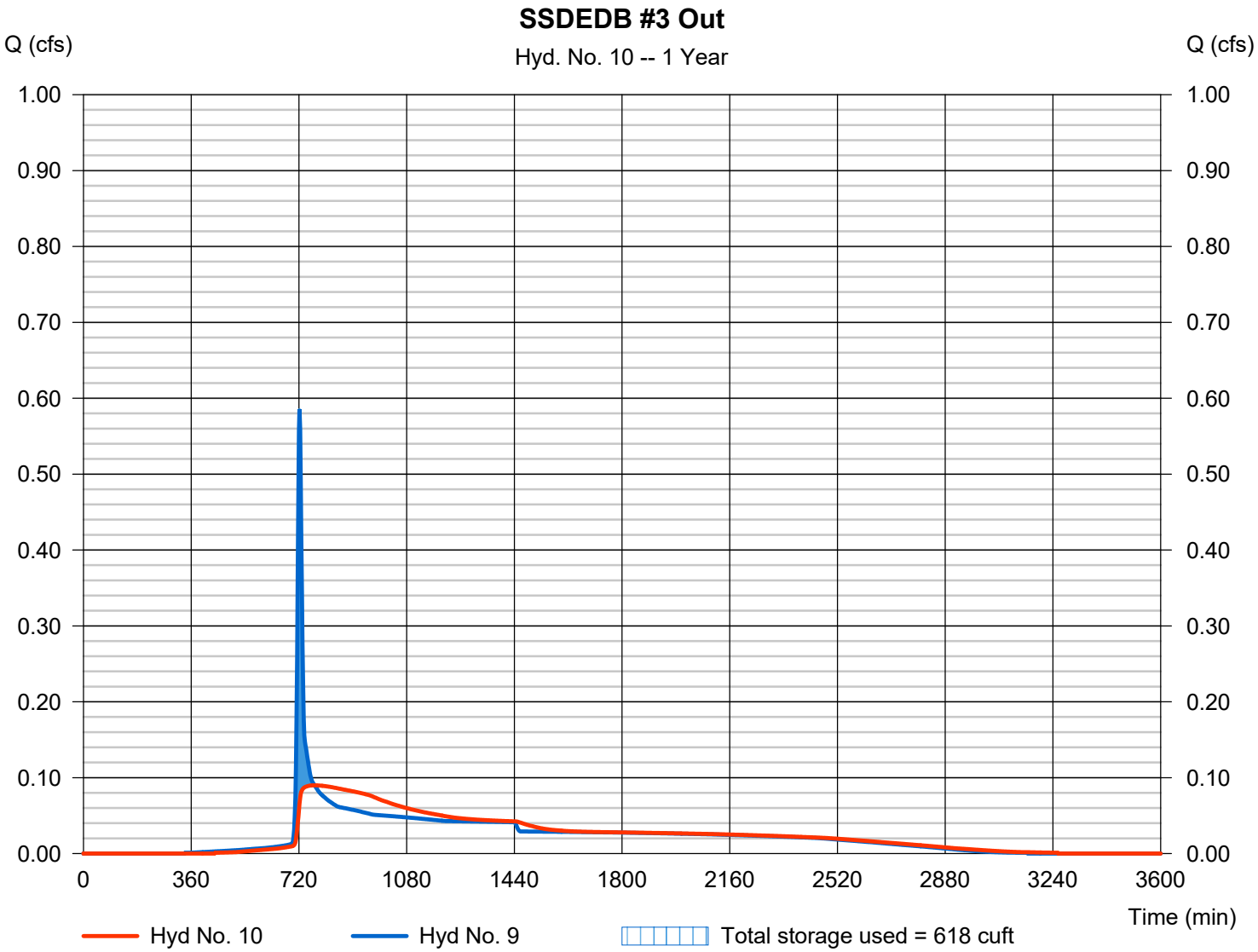
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.090 cfs
Storm frequency	= 1 yrs	Time to peak	= 772 min
Time interval	= 2 min	Hyd. volume	= 4,967 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	= 468.76 ft
Reservoir name	= SSDEDB #3	Max. Storage	= 618 cuft

Storage Indication method used.



Hydrograph Report

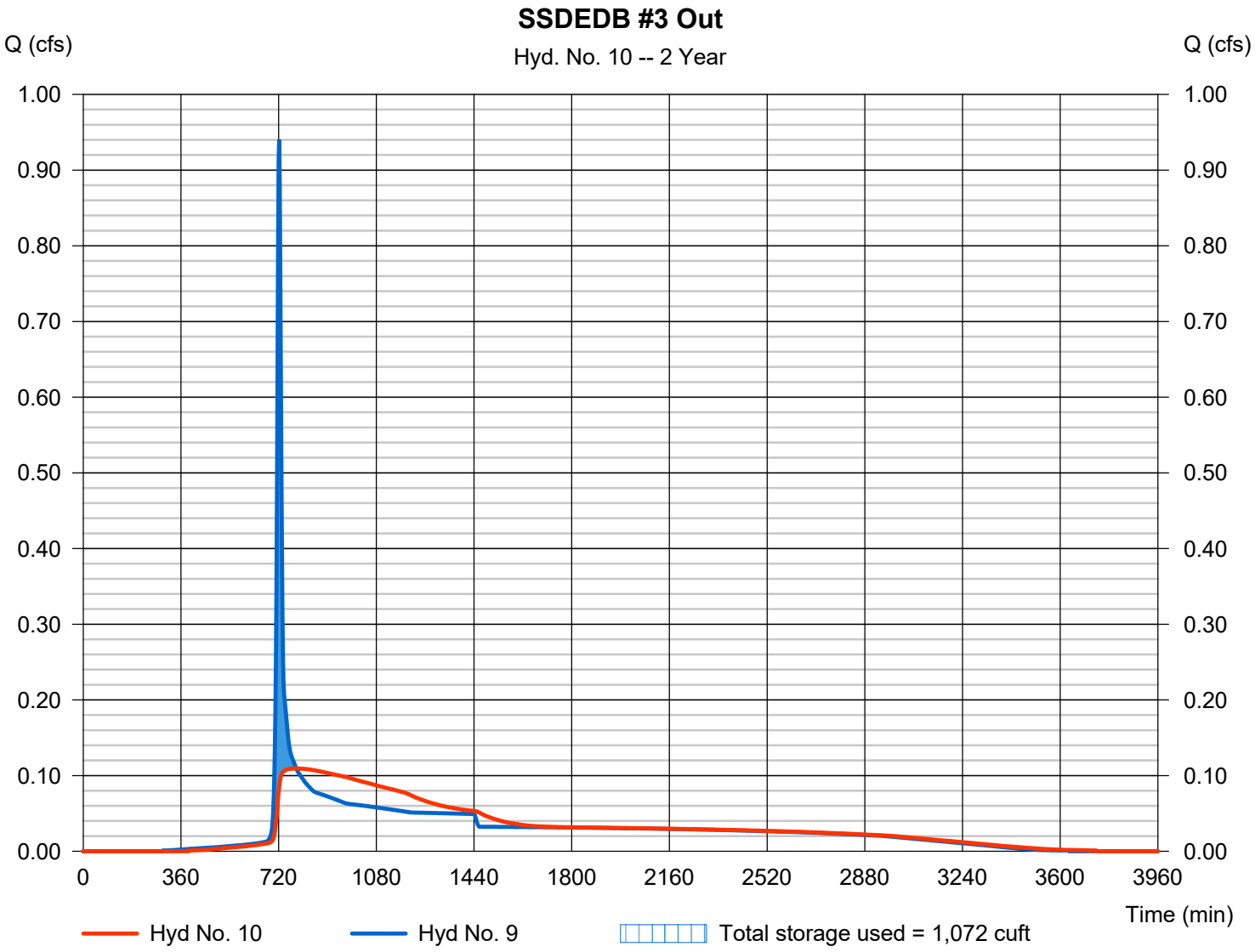
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.109 cfs
Storm frequency	= 2 yrs	Time to peak	= 784 min
Time interval	= 2 min	Hyd. volume	= 6,959 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	= 469.13 ft
Reservoir name	= SSDEDB #3	Max. Storage	= 1,072 cuft

Storage Indication method used.



Hydrograph Report

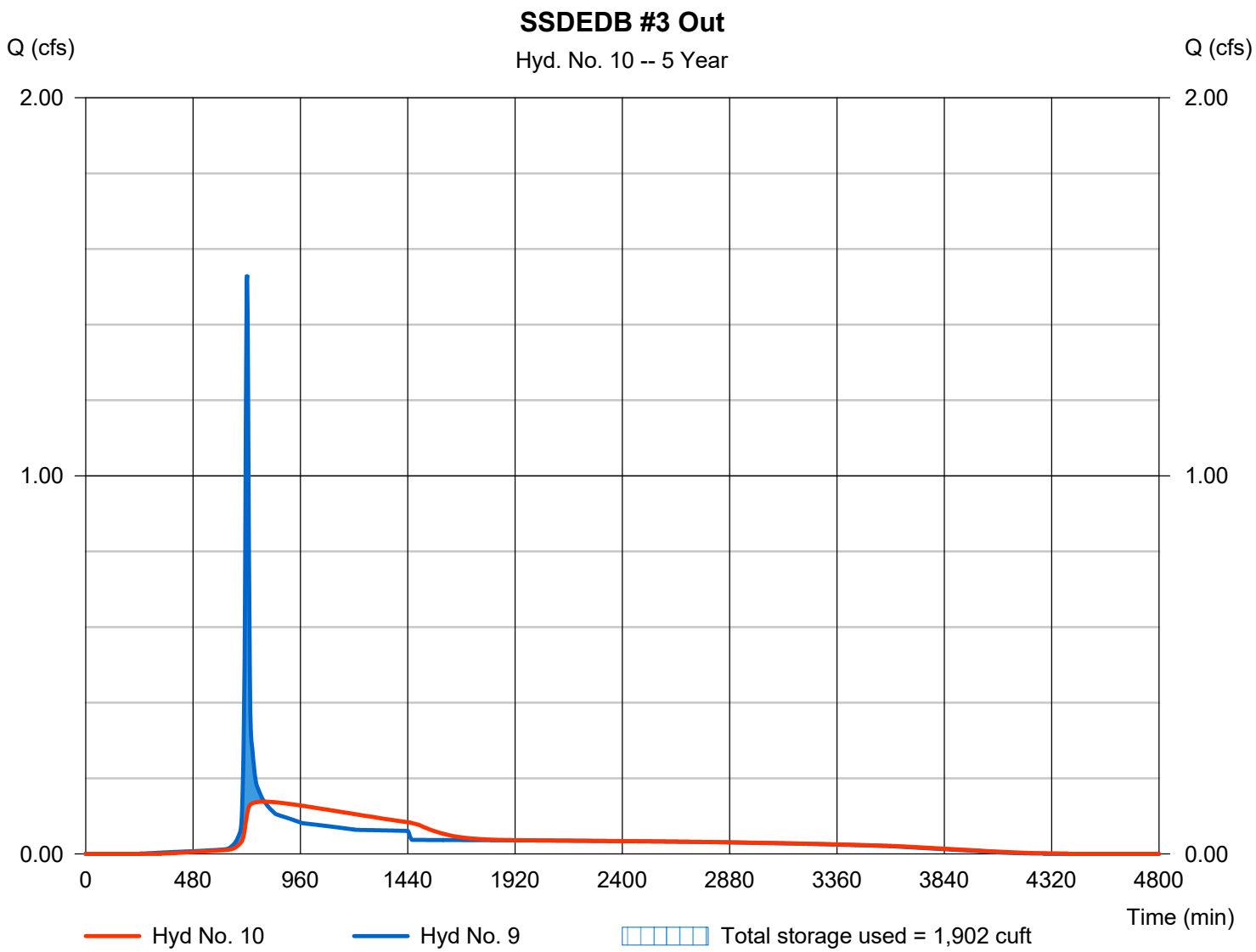
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.138 cfs
Storm frequency	=	5 yrs	Time to peak	=	800 min
Time interval	=	2 min	Hyd. volume	=	10,204 cuft
Inflow hyd. No.	=	9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	=	469.79 ft
Reservoir name	=	SSDEDB #3	Max. Storage	=	1,902 cuft

Storage Indication method used.



Hydrograph Report

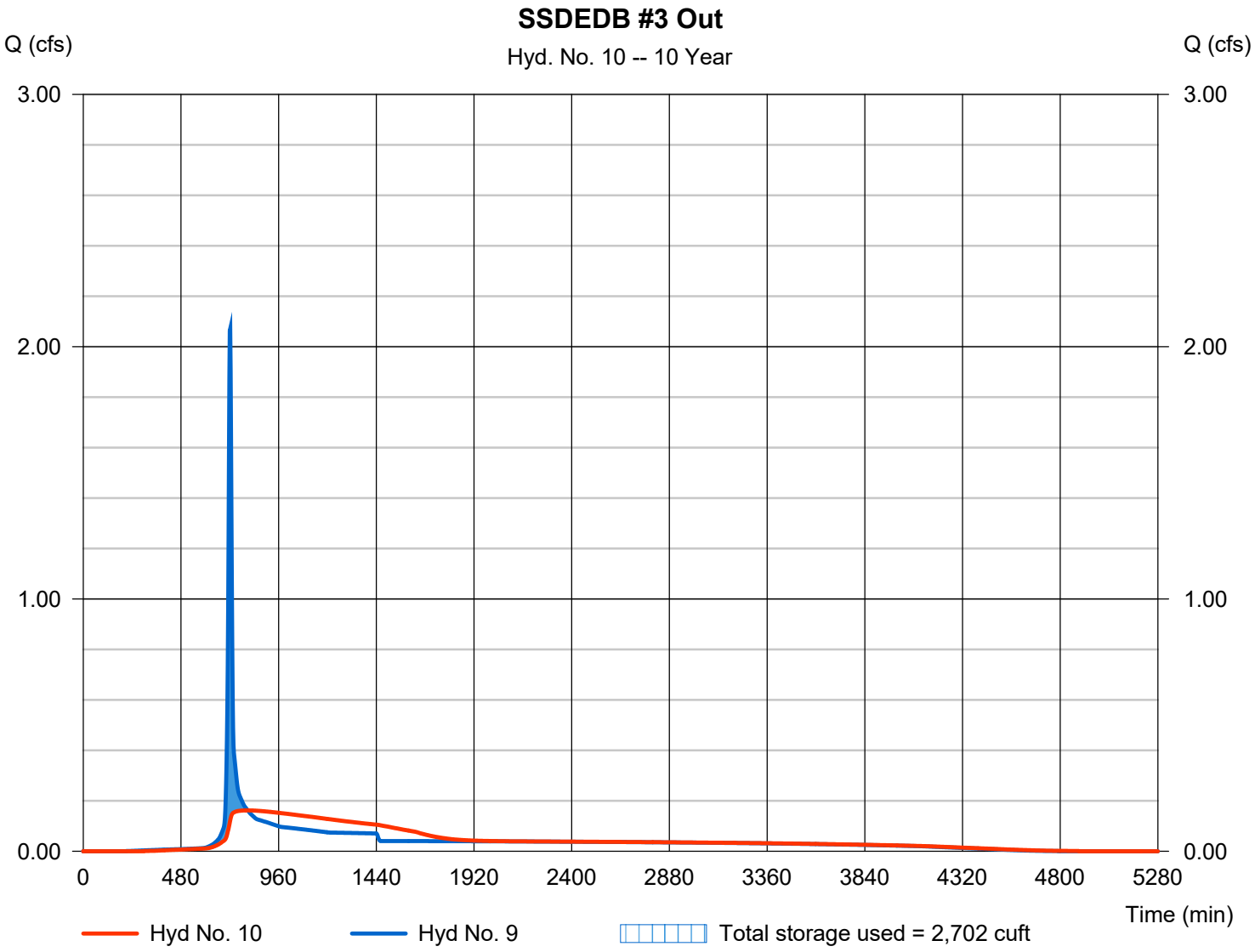
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.162 cfs
Storm frequency	= 10 yrs	Time to peak	= 808 min
Time interval	= 2 min	Hyd. volume	= 13,118 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	= 470.46 ft
Reservoir name	= SSDEDB #3	Max. Storage	= 2,702 cuft

Storage Indication method used.



Hydrograph Report

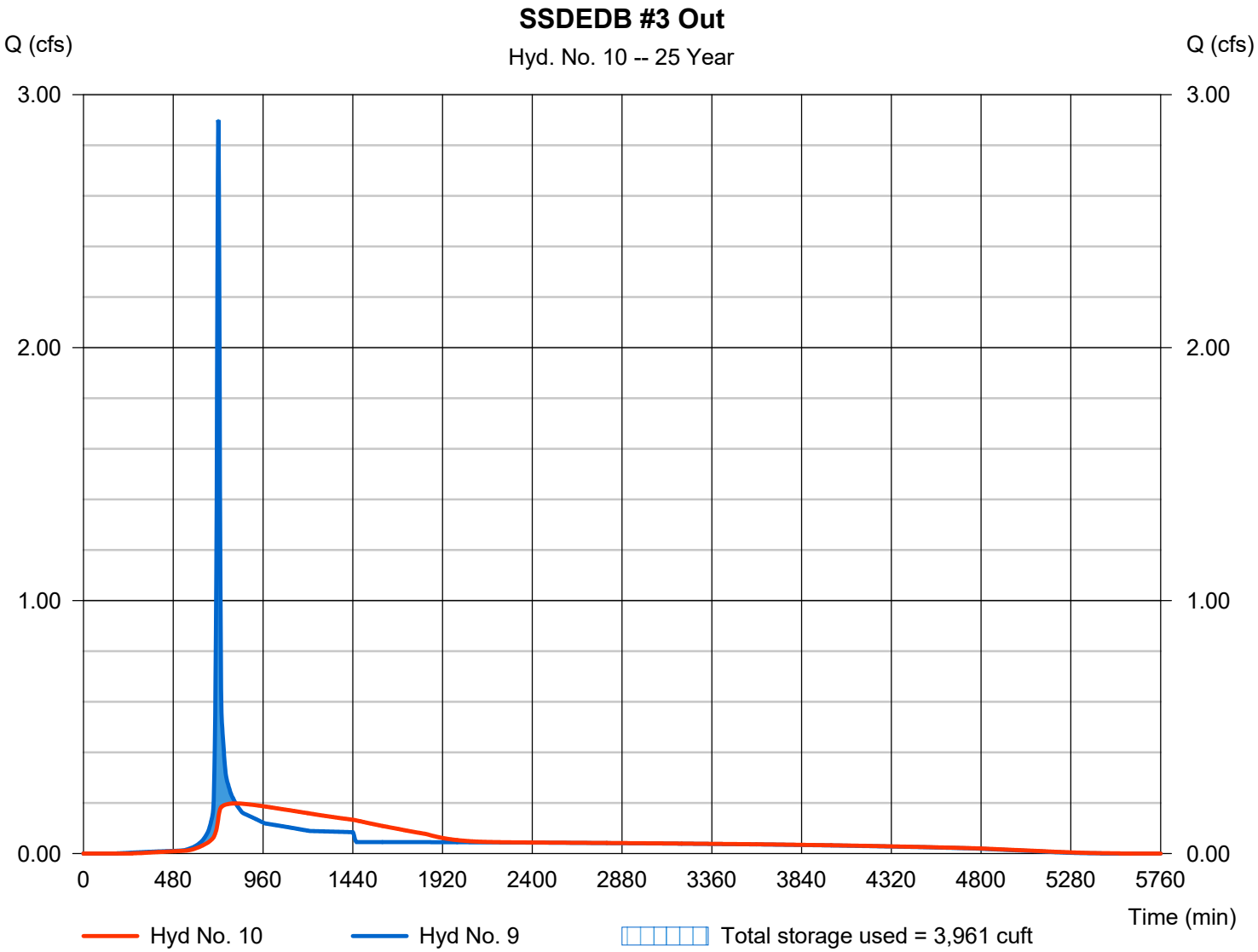
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.198 cfs
Storm frequency	= 25 yrs	Time to peak	= 814 min
Time interval	= 2 min	Hyd. volume	= 17,509 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	= 471.66 ft
Reservoir name	= SSDEDB #3	Max. Storage	= 3,961 cuft

Storage Indication method used.



Hydrograph Report

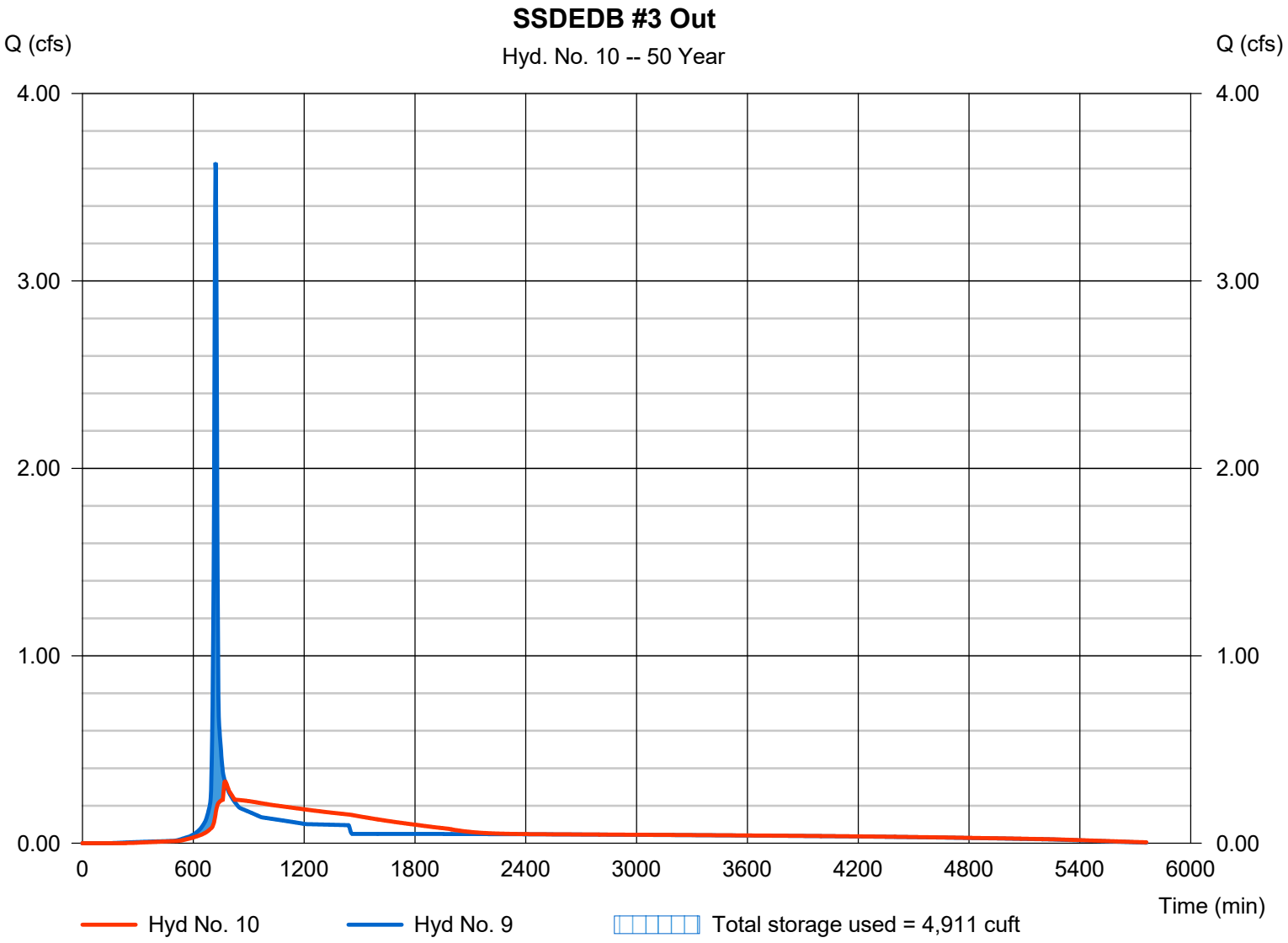
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.329 cfs
Storm frequency	=	50 yrs	Time to peak	=	772 min
Time interval	=	2 min	Hyd. volume	=	21,291 cuft
Inflow hyd. No.	=	9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	=	473.06 ft
Reservoir name	=	SSDEDB #3	Max. Storage	=	4,911 cuft

Storage Indication method used.



Hydrograph Report

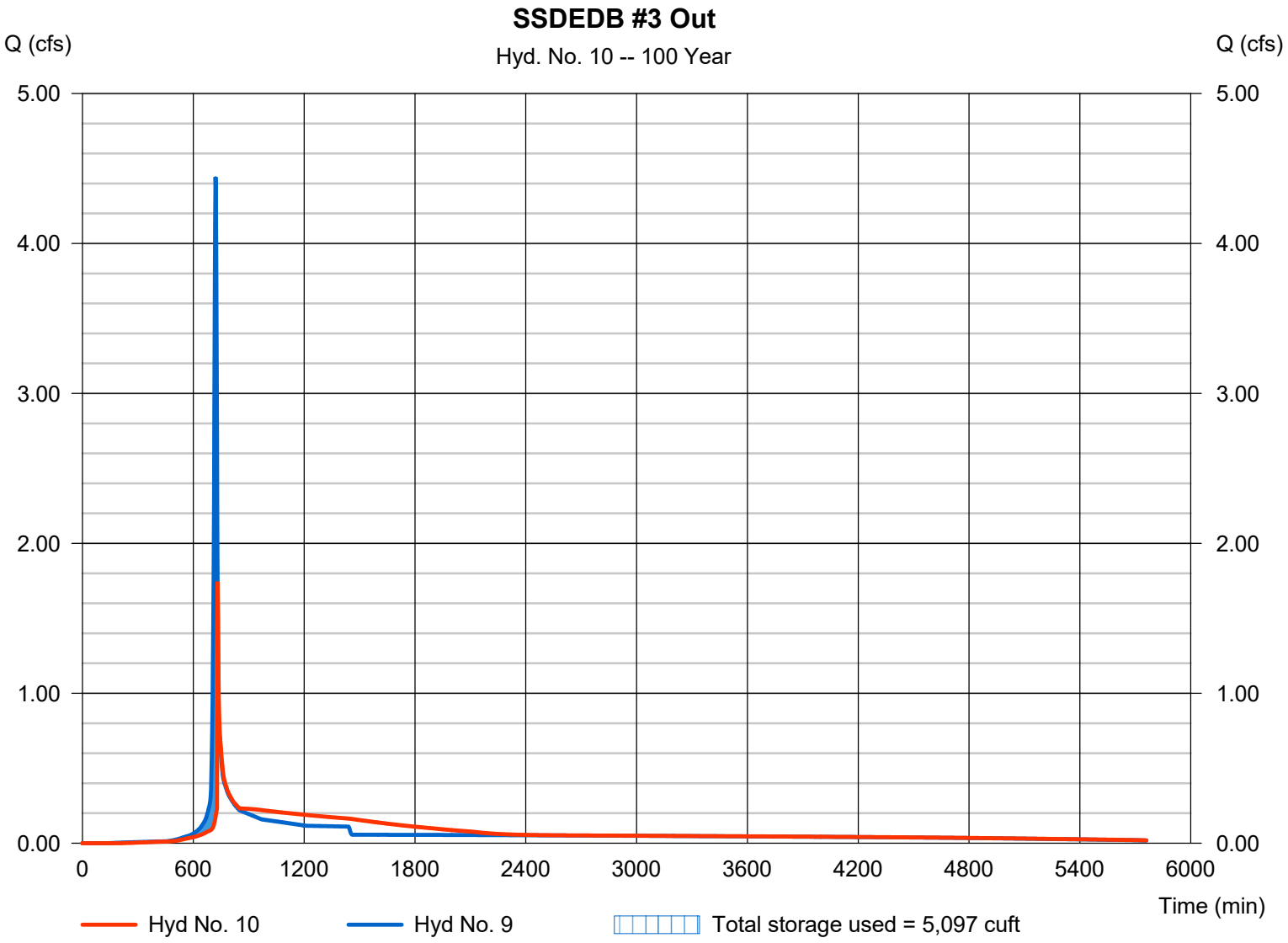
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	=	Reservoir	Peak discharge	=	1.745 cfs
Storm frequency	=	100 yrs	Time to peak	=	732 min
Time interval	=	2 min	Hyd. volume	=	25,219 cuft
Inflow hyd. No.	=	9 - SSDEDB #2 Out + SSDEDB #3 In	Max. Elevation	=	473.38 ft
Reservoir name	=	SSDEDB #3	Max. Storage	=	5,097 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #4

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.06	61
IMPERVIOUS	0.43	98

TOTAL 0.49

TR55 Tc Worksheet

Hyd. No. 11

SSDEDB #4 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 88.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 17.60		0.00		0.00		
Travel Time (min)	**= 5.36**	**+**	**0.00**	**+**	**0.00**	**=**	**5.36**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 5.40 min

Hydrograph Report

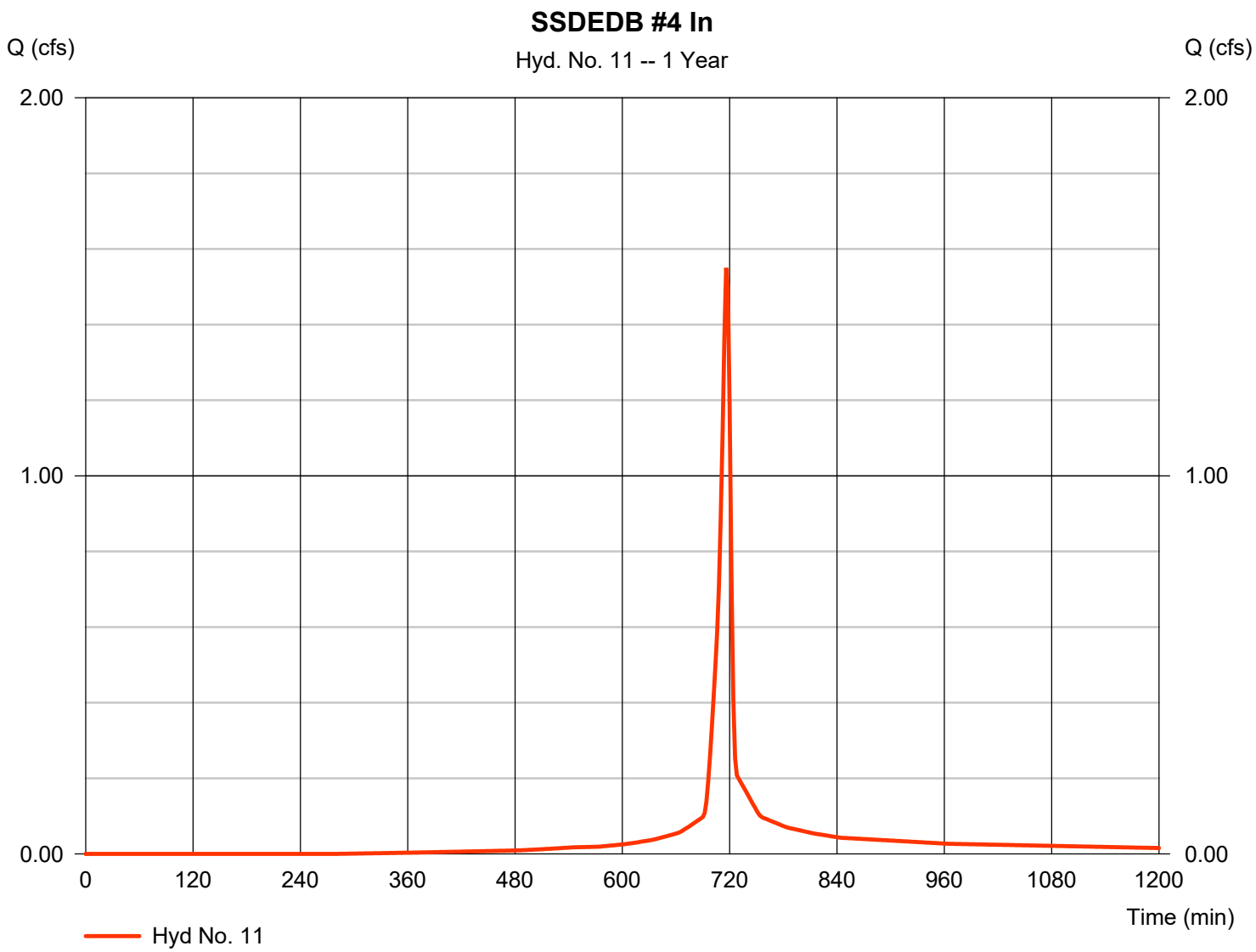
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.550 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,266 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

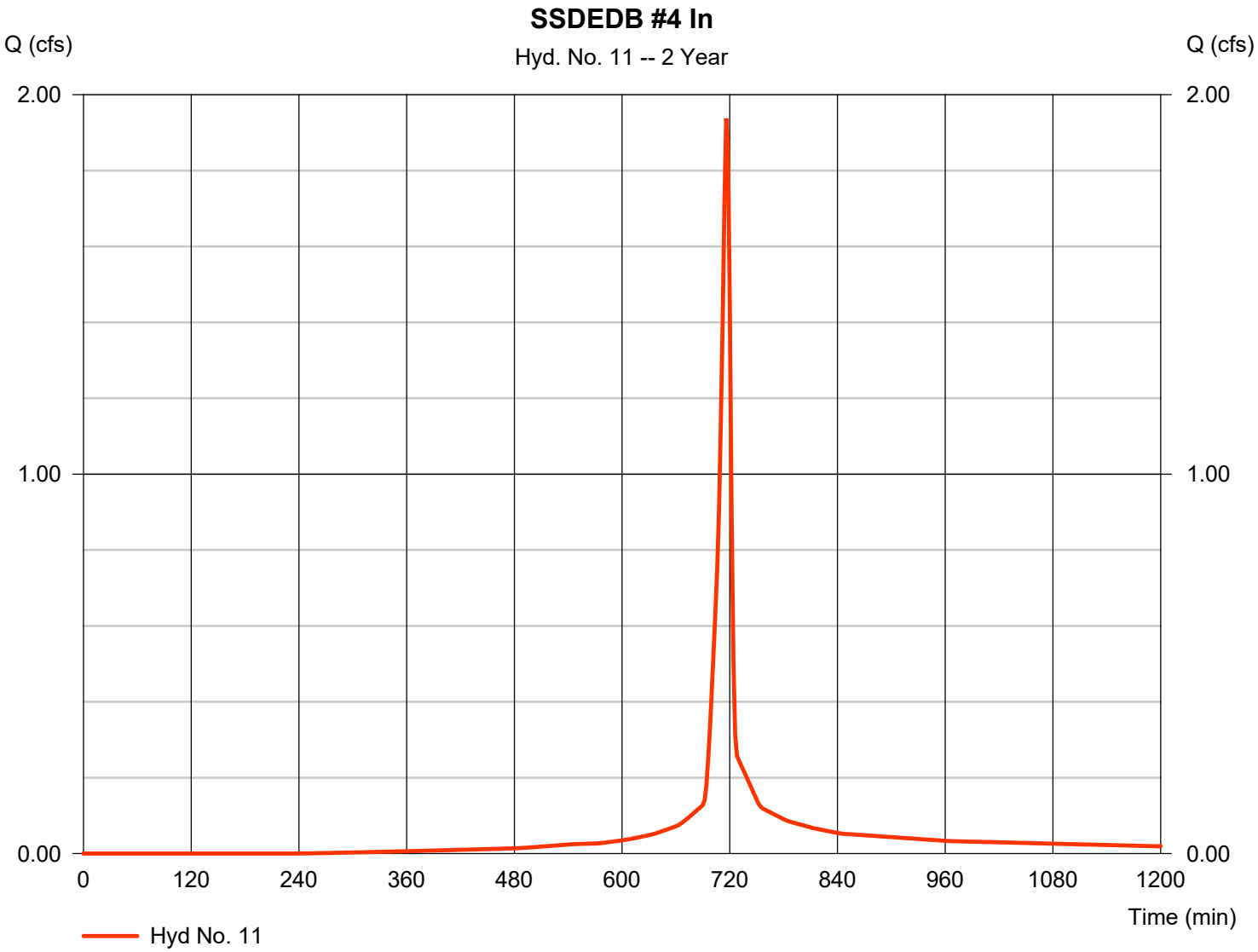
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.938 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,143 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

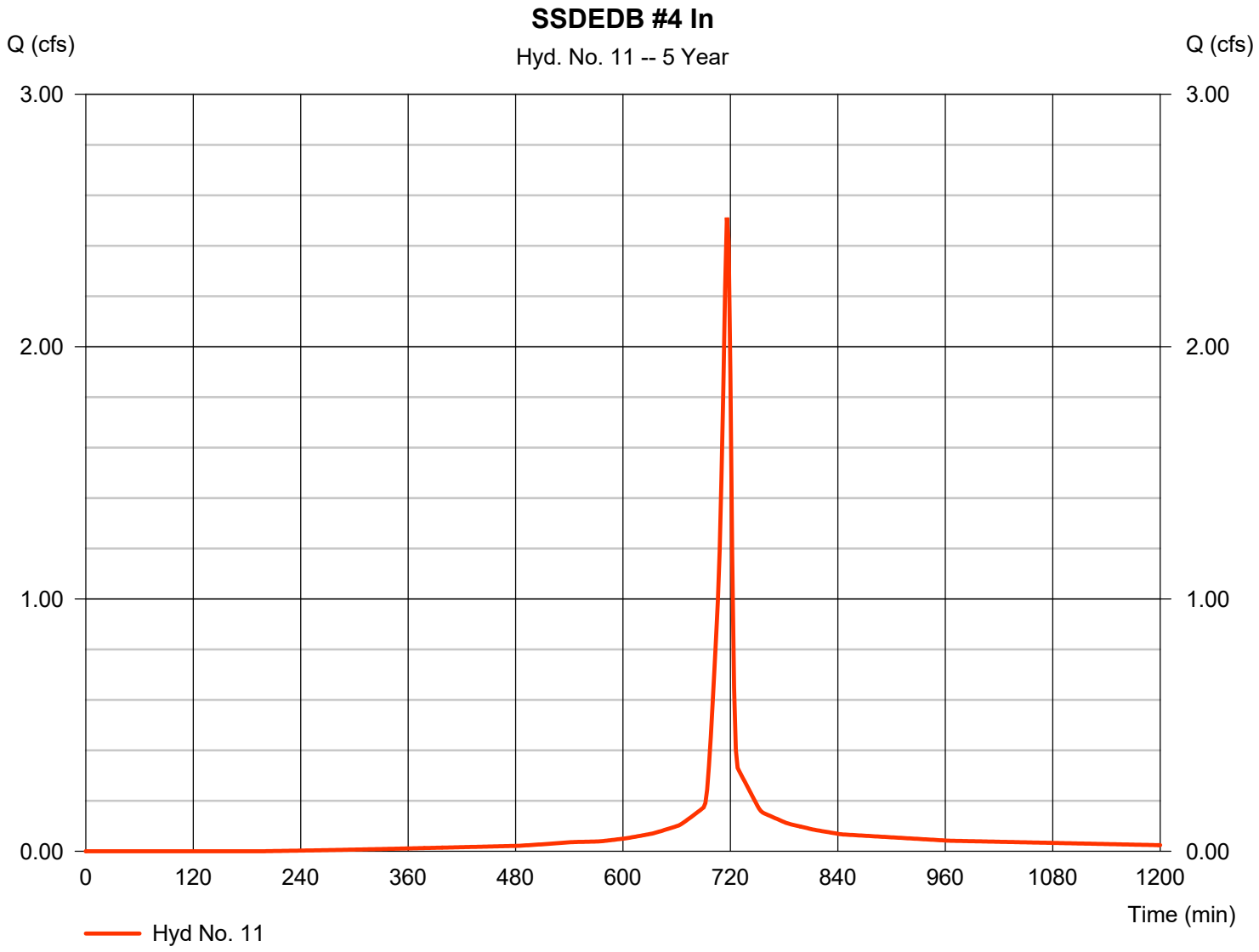
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.512 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,467 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

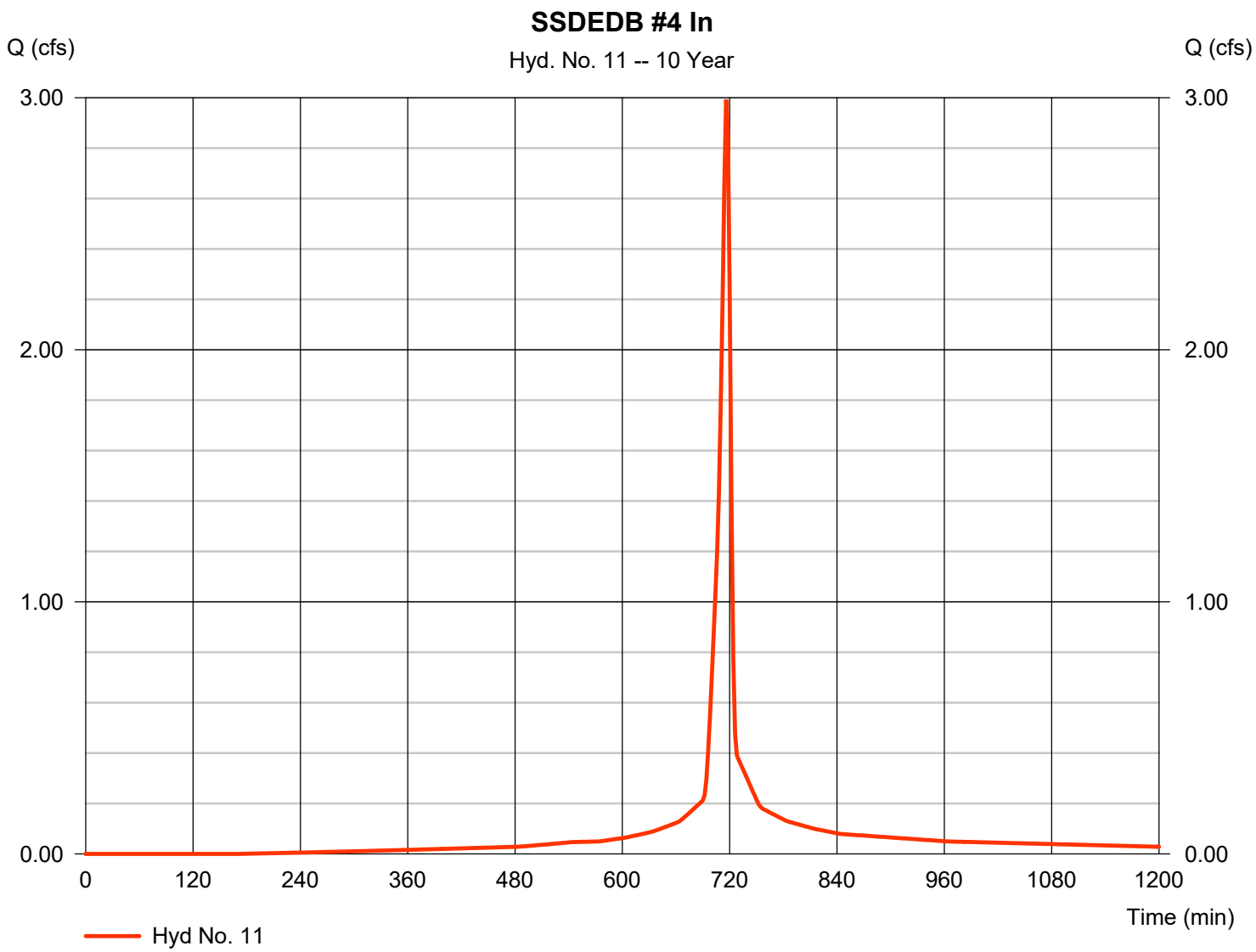
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.992 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,591 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

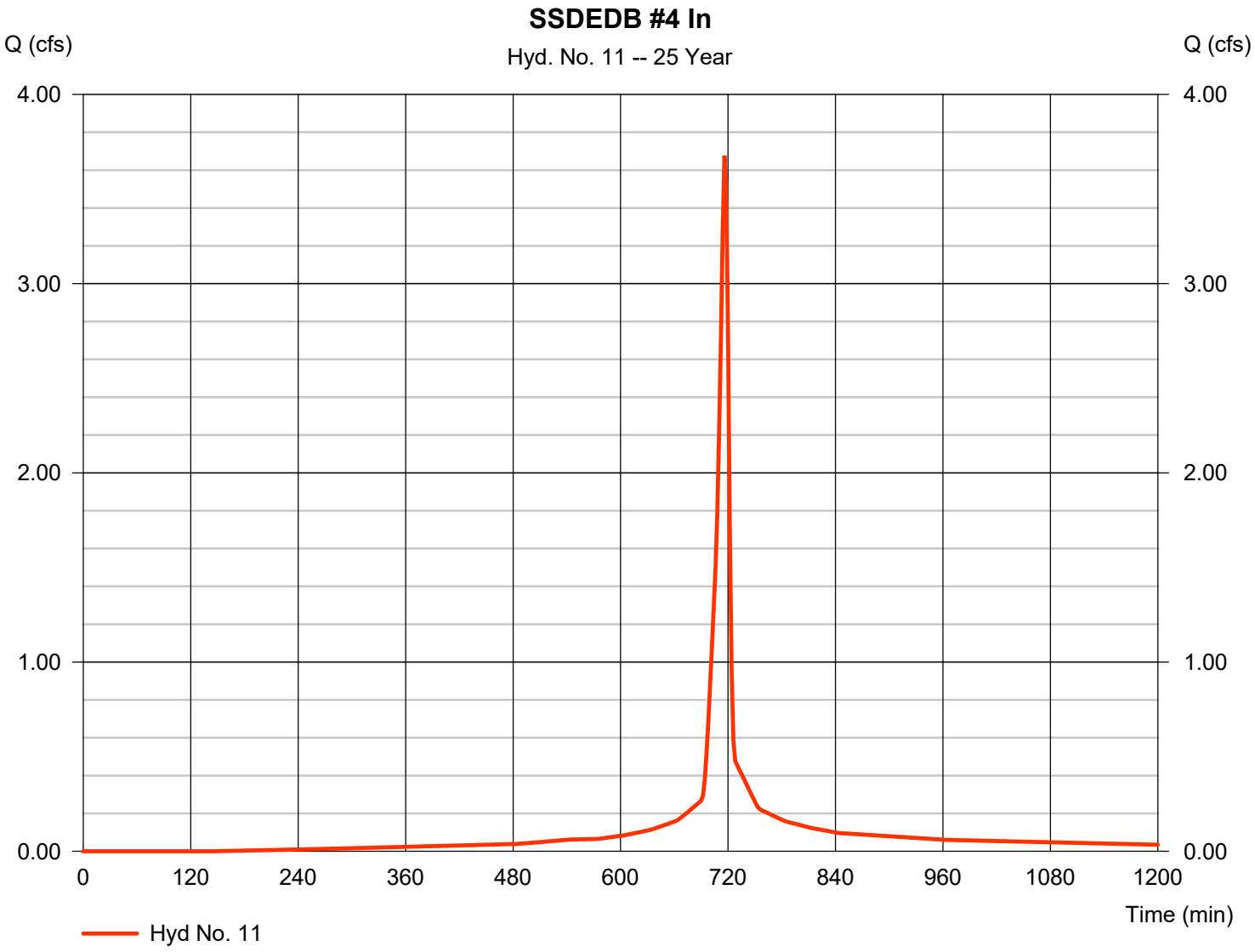
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.676 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 8,214 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

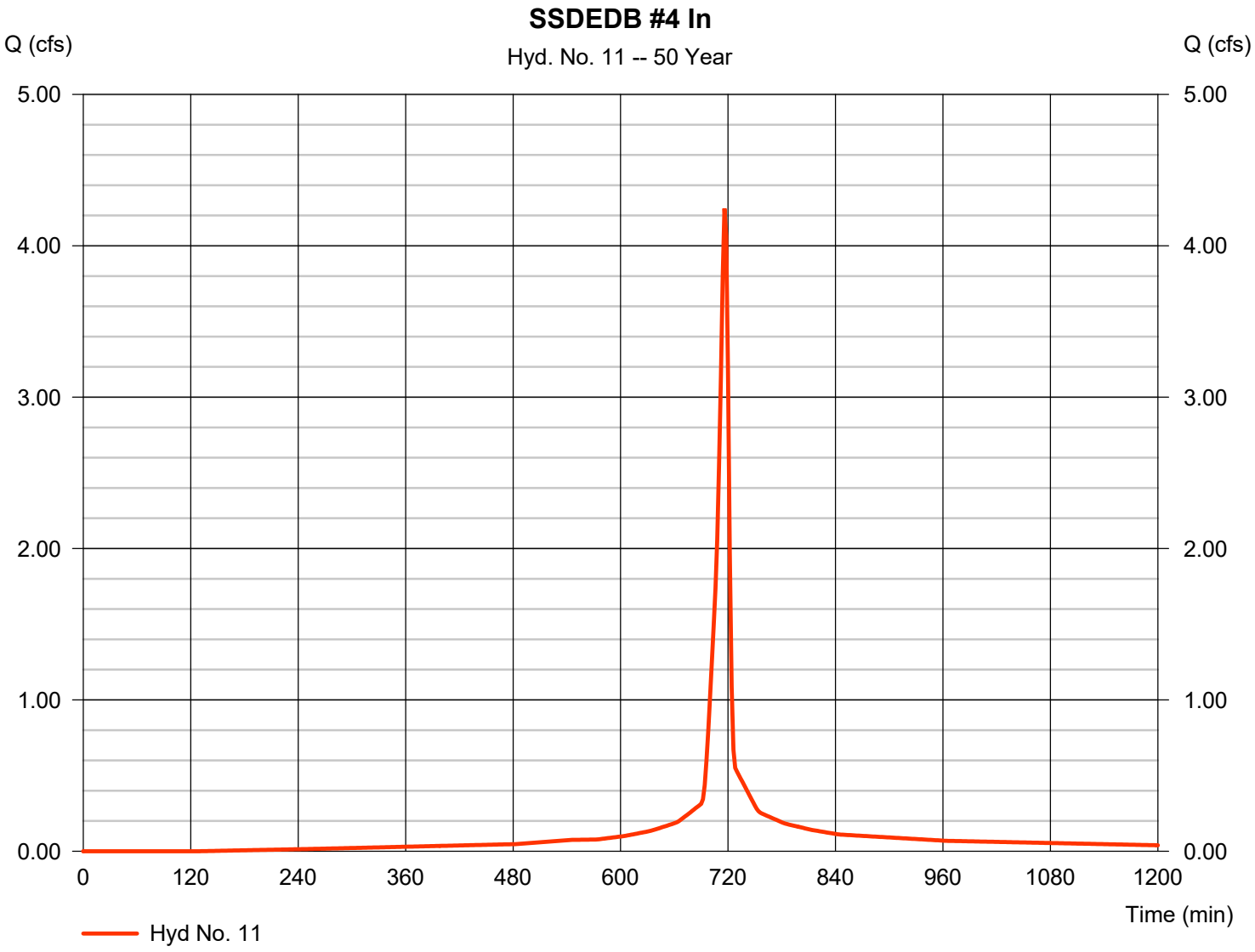
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.247 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 9,581 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



Hydrograph Report

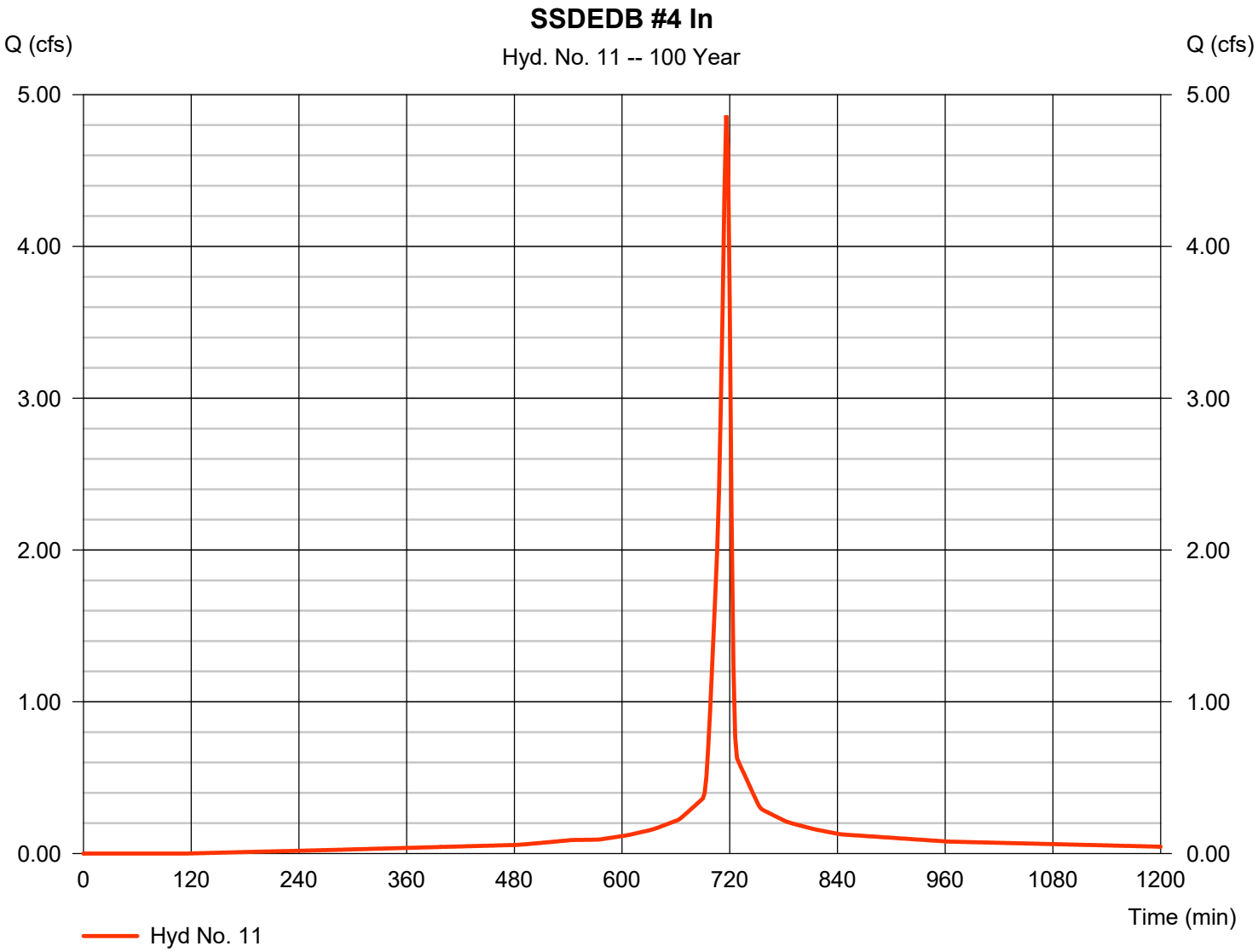
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #4 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.863 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 11,067 cuft
Drainage area	= 0.490 ac	Curve number	= 93*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.430 x 98)] / 0.490



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #4

		Volume for One Chamber			# of Chambers 42	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	451.7000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	451.7833	1.71	0.00	1.71	71.82	0.56	0.00	0.56	3.36	75.18
2	451.8667	1.71	0.00	3.42	143.64	0.58	0.00	1.14	6.84	150.48
3	451.9500	1.72	0.00	5.14	215.88	0.57	0.00	1.71	10.26	226.14
4	452.0333	1.71	0.00	6.85	287.70	0.57	0.00	2.28	13.68	301.38
5	452.1167	1.71	0.00	8.56	359.52	0.57	0.00	2.85	17.10	376.62
6	452.2000	1.71	0.00	10.27	431.34	0.57	0.00	3.42	20.52	451.86
7	452.2833	1.71	0.00	11.98	503.16	0.57	0.00	3.99	23.94	527.10
8	452.3667	1.72	0.00	13.70	575.40	0.56	0.00	4.55	27.30	602.70
9	452.4500	1.71	0.00	15.41	647.22	0.57	0.00	5.12	30.72	677.94
10	452.5333	0.30	3.51	19.22	807.24	0.32	0.63	6.07	36.42	843.66
11	452.6167	0.33	3.47	23.02	966.84	0.32	0.63	7.02	42.12	1008.96
12	452.7000	0.33	3.46	26.81	1126.02	0.32	0.62	7.96	47.76	1173.78
13	452.7833	0.33	3.44	30.58	1284.36	0.33	0.61	8.90	53.40	1337.76
14	452.8667	0.35	3.41	34.34	1442.28	0.32	0.61	9.83	58.98	1501.26
15	452.9500	0.35	3.40	38.09	1599.78	0.33	0.60	10.76	64.56	1664.34
16	453.0333	0.38	3.36	41.83	1756.86	0.33	0.60	11.69	70.14	1827.00
17	453.1167	0.36	3.35	45.54	1912.68	0.34	0.58	12.61	75.66	1988.34
18	453.2000	0.39	3.32	49.25	2068.50	0.33	0.58	13.52	81.12	2149.62
19	453.2833	0.39	3.29	52.93	2223.06	0.34	0.57	14.43	86.58	2309.64
20	453.3667	0.41	3.26	56.60	2377.20	0.35	0.56	15.34	92.04	2469.24
21	453.4500	0.42	3.23	60.25	2530.50	0.36	0.54	16.24	97.44	2627.94
22	453.5333	0.43	3.20	63.88	2682.96	0.35	0.54	17.13	102.78	2785.74
23	453.6167	0.46	3.16	67.50	2835.00	0.36	0.52	18.01	108.06	2943.06
24	453.7000	0.46	3.13	71.09	2985.78	0.36	0.51	18.88	113.28	3099.06
25	453.7833	0.46	3.10	74.65	3135.30	0.38	0.49	19.75	118.50	3253.80
26	453.8667	0.50	3.05	78.20	3284.40	0.38	0.48	20.61	123.66	3408.06
27	453.9500	0.51	3.01	81.72	3432.24	0.38	0.46	21.45	128.70	3560.94
28	454.0333	0.52	2.97	85.21	3578.82	0.39	0.45	22.29	133.74	3712.56
29	454.1167	0.54	2.93	88.68	3724.56	0.40	0.43	23.12	138.72	3863.28
30	454.2000	0.57	2.87	92.12	3869.04	0.40	0.41	23.93	143.58	4012.62
31	454.2833	0.57	2.83	95.52	4011.84	0.42	0.39	24.74	148.44	4160.28
32	454.3667	0.61	2.77	98.90	4153.80	0.42	0.37	25.53	153.18	4306.98
33	454.4500	0.62	2.72	102.24	4294.08	0.42	0.35	26.30	157.80	4451.88
34	454.5333	0.65	2.65	105.54	4432.68	0.45	0.33	27.08	162.48	4595.16
35	454.6167	0.67	2.60	108.81	4570.02	0.44	0.32	27.84	167.04	4737.06
36	454.7000	0.71	2.52	112.04	4705.68	0.45	0.29	28.58	171.48	4877.16
37	454.7833	0.73	2.46	115.23	4839.66	0.46	0.27	29.31	175.86	5015.52
38	454.8667	0.75	2.39	118.37	4971.54	0.46	0.26	30.03	180.18	5151.72
39	454.9500	0.80	2.30	121.47	5101.74	0.48	0.24	30.75	184.50	5286.24
40	455.0333	0.81	2.23	124.51	5229.42	0.49	0.21	31.45	188.70	5418.12
41	455.1167	0.87	2.13	127.51	5355.42	0.48	0.20	32.13	192.78	5548.20
42	455.2000	0.89	2.04	130.44	5478.48	0.50	0.18	32.81	196.86	5675.34
43	455.2833	0.94	1.94	133.32	5599.44	0.51	0.16	33.48	200.88	5800.32
44	455.3667	0.98	1.83	136.13	5717.46	0.51	0.14	34.13	204.78	5922.24
45	455.4500	1.02	1.71	138.86	5832.12	0.52	0.12	34.77	208.62	6040.74
46	455.5333	1.09	1.57	141.52	5943.84	0.53	0.10	35.40	212.40	6156.24
47	455.6167	1.15	1.42	144.09	6051.78	0.53	0.09	36.02	216.12	6267.90
48	455.7000	1.21	1.25	146.55	6155.10	0.55	0.07	36.64	219.84	6374.94
49	455.7833	1.30	1.03	148.88	6252.96	0.55	0.05	37.24	223.44	6476.40
50	455.8667	1.43	0.69	151.00	6342.00	0.55	0.04	37.83	226.98	6568.98
51	455.9500	1.55	0.40	152.95	6423.90	0.56	0.02	38.41	230.46	6654.36
52	456.0333	1.60	0.29	154.84	6503.28	0.57	0.01	38.99	233.94	6737.22
53	456.1167	1.63	0.20	156.67	6580.14	0.56	0.01	39.56	237.36	6817.50
54	456.2000	1.69	0.06	158.42	6653.64	0.57	0.00	40.13	240.78	6894.42
55	456.2833	1.71	0.00	160.13	6725.46	0.57	0.00	40.70	244.20	6969.66
56	456.3667	1.71	0.00	161.84	6797.28	0.57	0.00	41.27	247.62	7044.90
57	456.4500	1.71	0.00	163.55	6869.10	0.57	0.00	41.84	251.04	7120.14
58	456.5333	1.72	0.00	165.27	6941.34	0.57	0.00	42.41	254.46	7195.80
59	456.6167	1.71	0.00	166.98	7013.16	0.57	0.00	42.98	257.88	7271.04
60	456.7000	1.71	0.00	168.69	7084.98	0.56	0.00	43.54	261.24	7346.22
61	456.7833	1.71	0.00	170.40	7156.80	0.57	0.00	44.11	264.66	7421.46
62	456.8667	1.71	0.00	172.11	7228.62	0.57	0.00	44.68	268.08	7496.70
63	456.9500	1.72	0.00	173.83	7300.86	0.57	0.00	45.25	271.50	7572.36
64	457.0333	1.71	0.00	175.54	7372.68	0.57	0.00	45.82	274.92	7647.60
65	457.1167	1.71	0.00	177.25	7444.50	0.57	0.00	46.39	278.34	7722.84
66	457.2000	1.71	0.00	178.96	7516.32	0.57	0.00	46.96	281.76	7798.08

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 4 - SSDEDB #4

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	451.70	n/a	0	0
0.33	452.03	n/a	301	301
0.67	452.37	n/a	301	603
1.00	452.70	n/a	571	1,174
1.33	453.03	n/a	653	1,827
1.67	453.37	n/a	642	2,469
2.00	453.70	n/a	630	3,099
2.33	454.03	n/a	614	3,713
2.67	454.37	n/a	594	4,307
3.00	454.70	n/a	570	4,877
3.33	455.03	n/a	541	5,418
3.67	455.37	n/a	504	5,922
4.00	455.70	n/a	453	6,375
4.33	456.03	n/a	362	6,737
4.67	456.37	n/a	308	7,045
5.00	456.70	n/a	301	7,346
5.33	457.03	n/a	301	7,648
5.50	457.20	n/a	150	7,798

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 451.70	451.70	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 1.02	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 457.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	451.70	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	301	452.03	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	603	452.37	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	1,174	452.70	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,827	453.03	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	2,469	453.37	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	3,099	453.70	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	3,713	454.03	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	4,307	454.37	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	4,877	454.70	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	5,418	455.03	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	5,922	455.37	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	6,375	455.70	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	6,737	456.03	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	7,045	456.37	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	7,346	456.70	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.058
5.33	7,648	457.03	0.10 ic	0.06 ic	---	---	0.04	---	---	---	---	---	0.099
5.50	7,798	457.20	0.67 ic	0.06 ic	---	---	0.60	---	---	---	---	---	0.655

Hydrograph Report

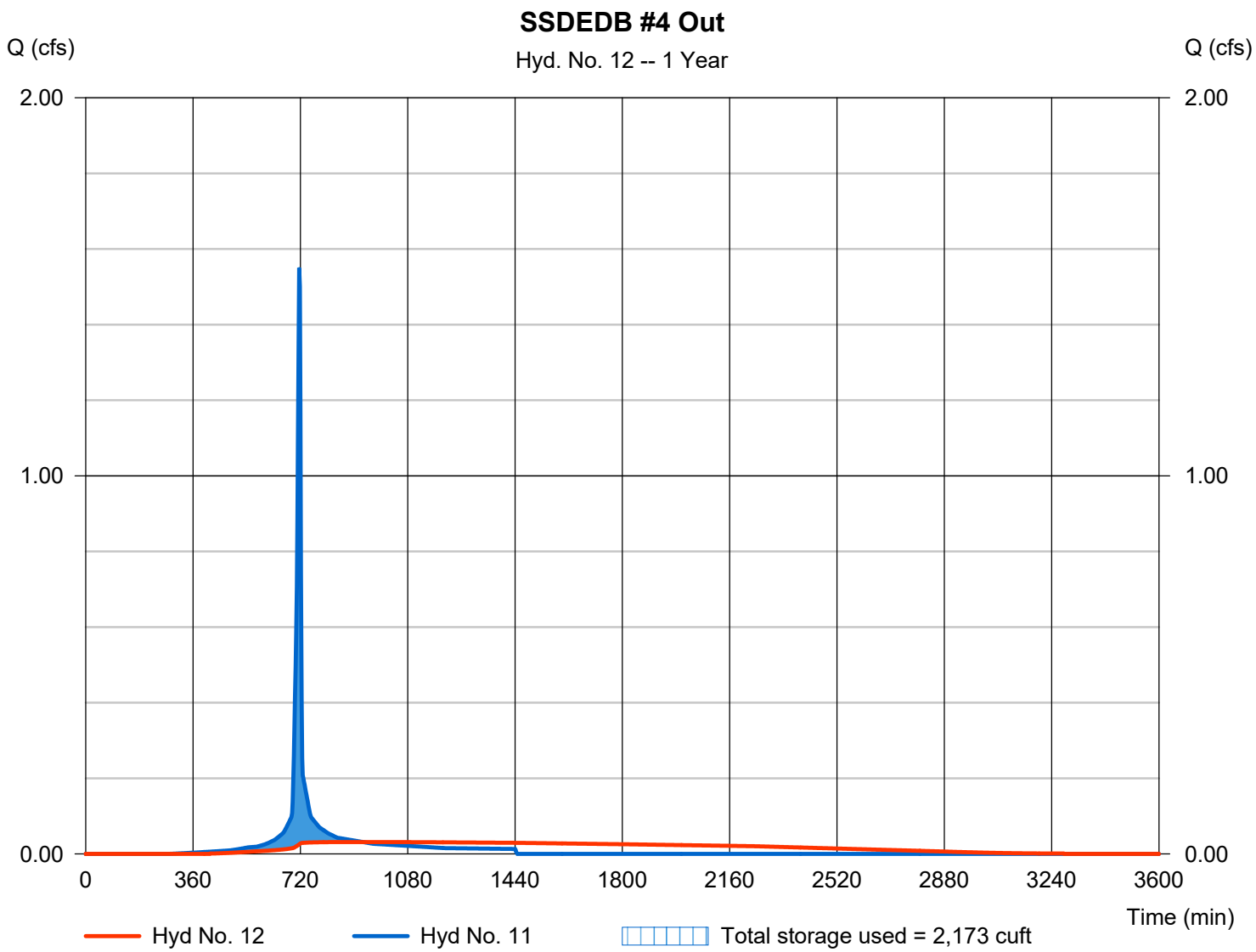
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.031 cfs
Storm frequency	= 1 yrs	Time to peak	= 930 min
Time interval	= 2 min	Hyd. volume	= 3,243 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 453.21 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 2,173 cuft

Storage Indication method used.



Hydrograph Report

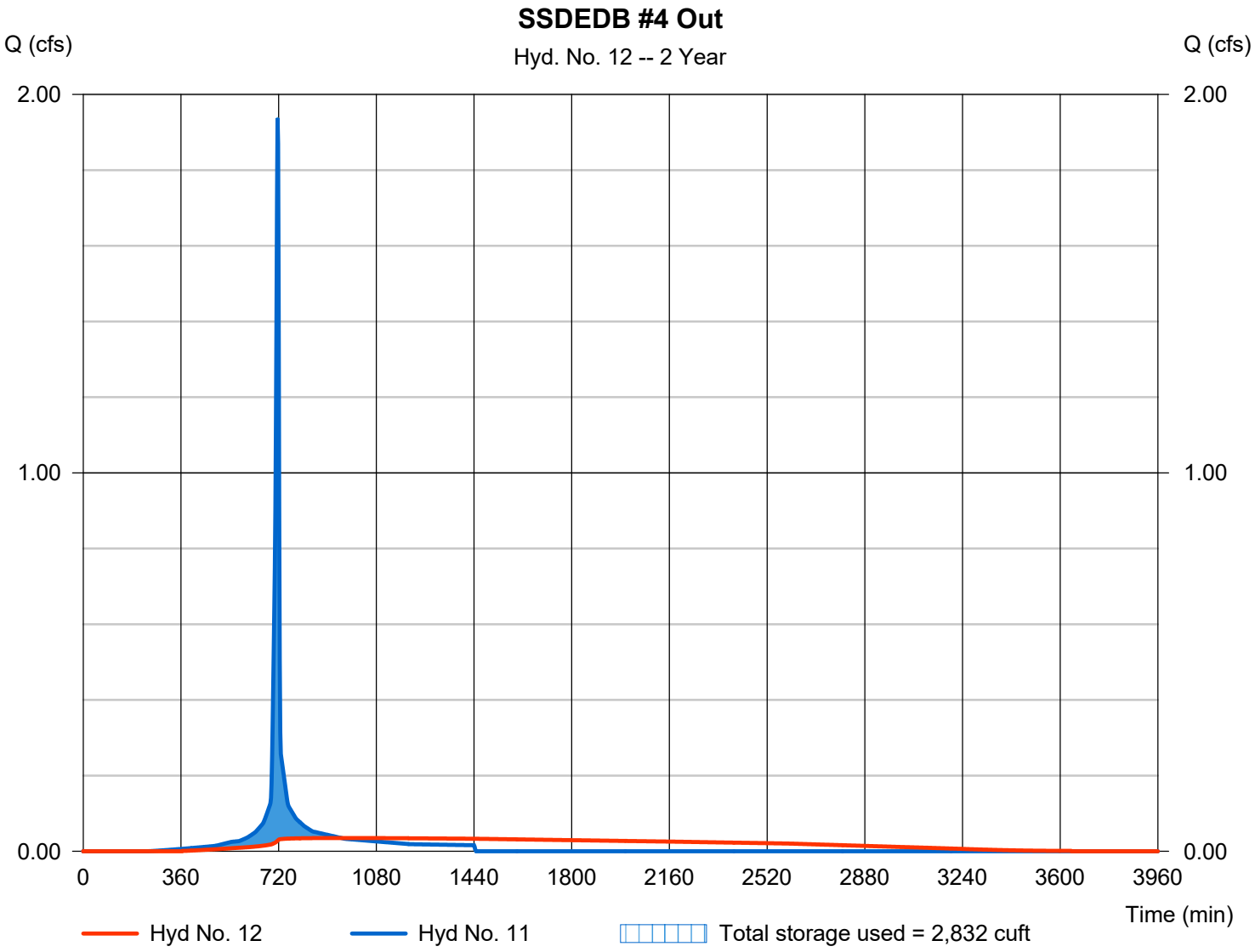
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.035 cfs
Storm frequency	= 2 yrs	Time to peak	= 950 min
Time interval	= 2 min	Hyd. volume	= 4,119 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 453.56 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 2,832 cuft

Storage Indication method used.



Hydrograph Report

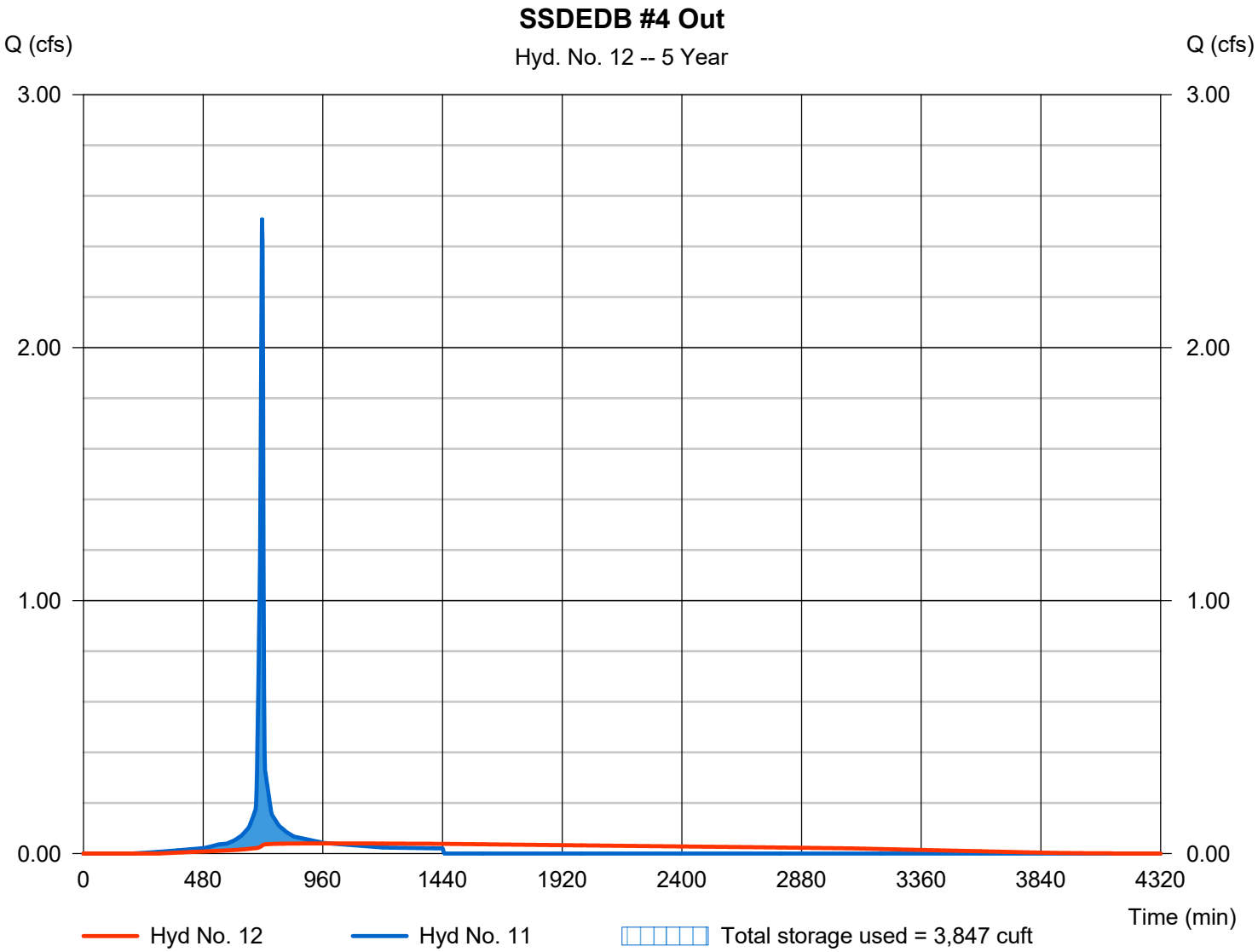
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.040 cfs
Storm frequency	= 5 yrs	Time to peak	= 988 min
Time interval	= 2 min	Hyd. volume	= 5,443 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 454.11 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 3,847 cuft

Storage Indication method used.



Hydrograph Report

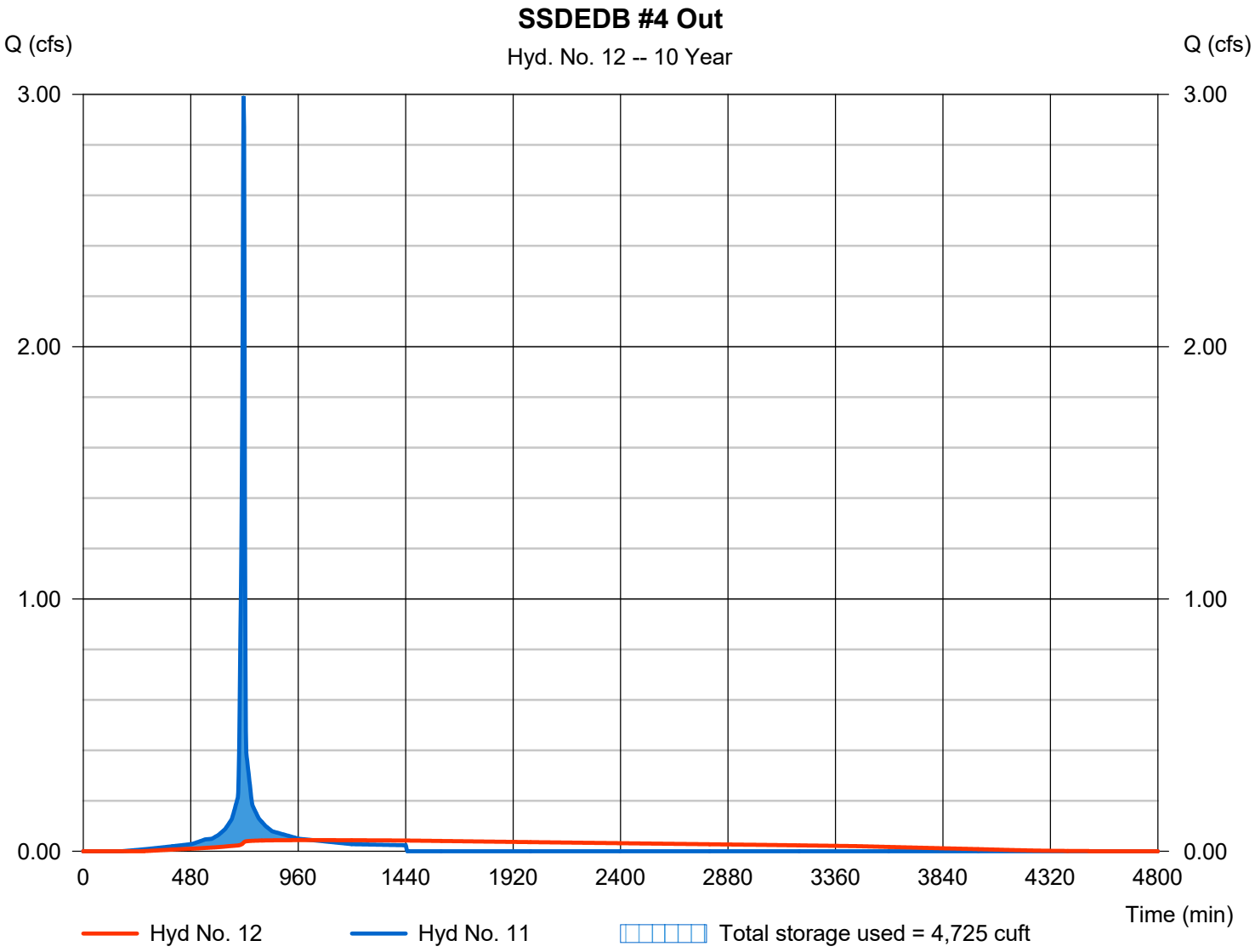
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.044 cfs
Storm frequency	= 10 yrs	Time to peak	= 1024 min
Time interval	= 2 min	Hyd. volume	= 6,568 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 454.61 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 4,725 cuft

Storage Indication method used.



Hydrograph Report

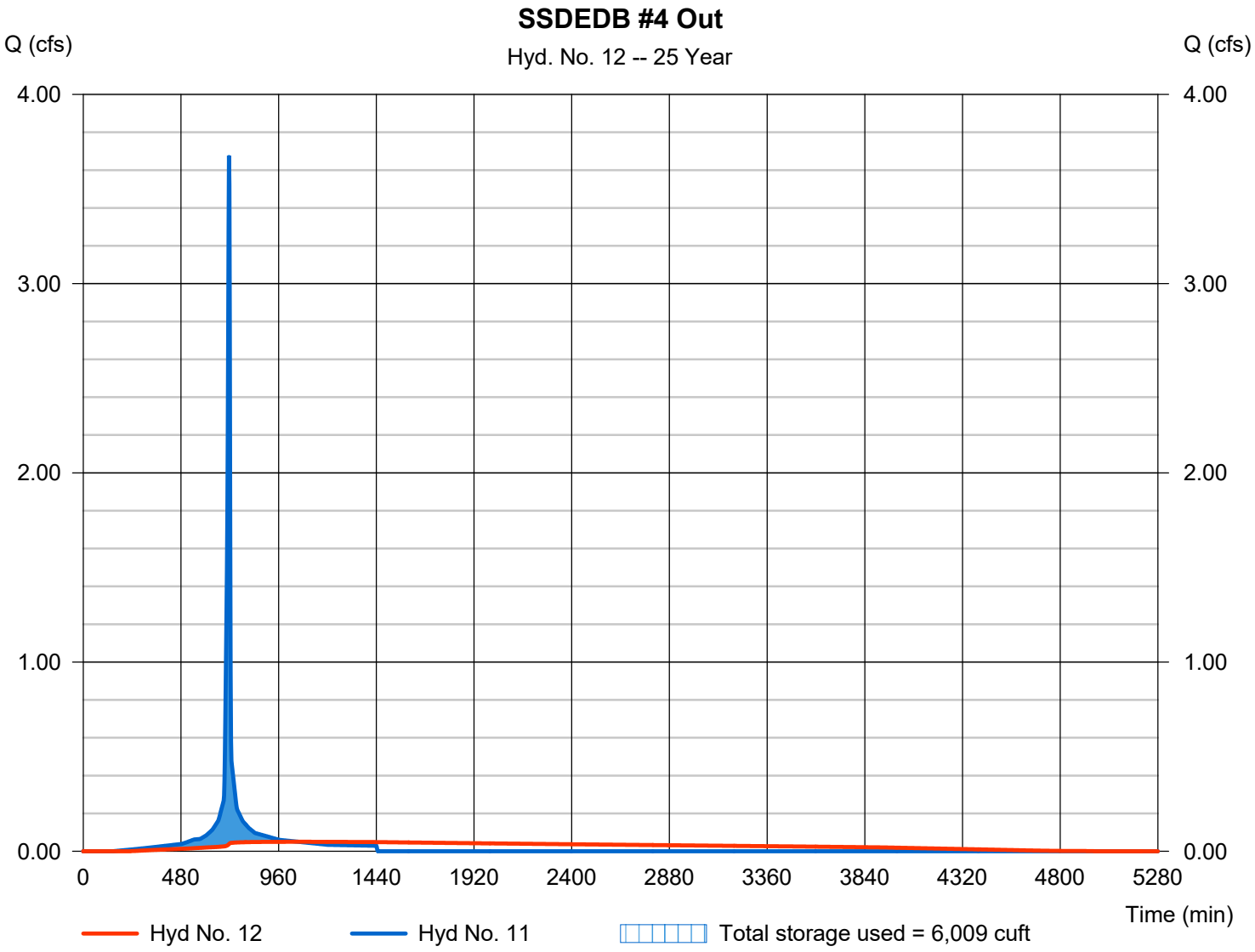
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.050 cfs
Storm frequency	= 25 yrs	Time to peak	= 1056 min
Time interval	= 2 min	Hyd. volume	= 8,191 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 455.43 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 6,009 cuft

Storage Indication method used.



Hydrograph Report

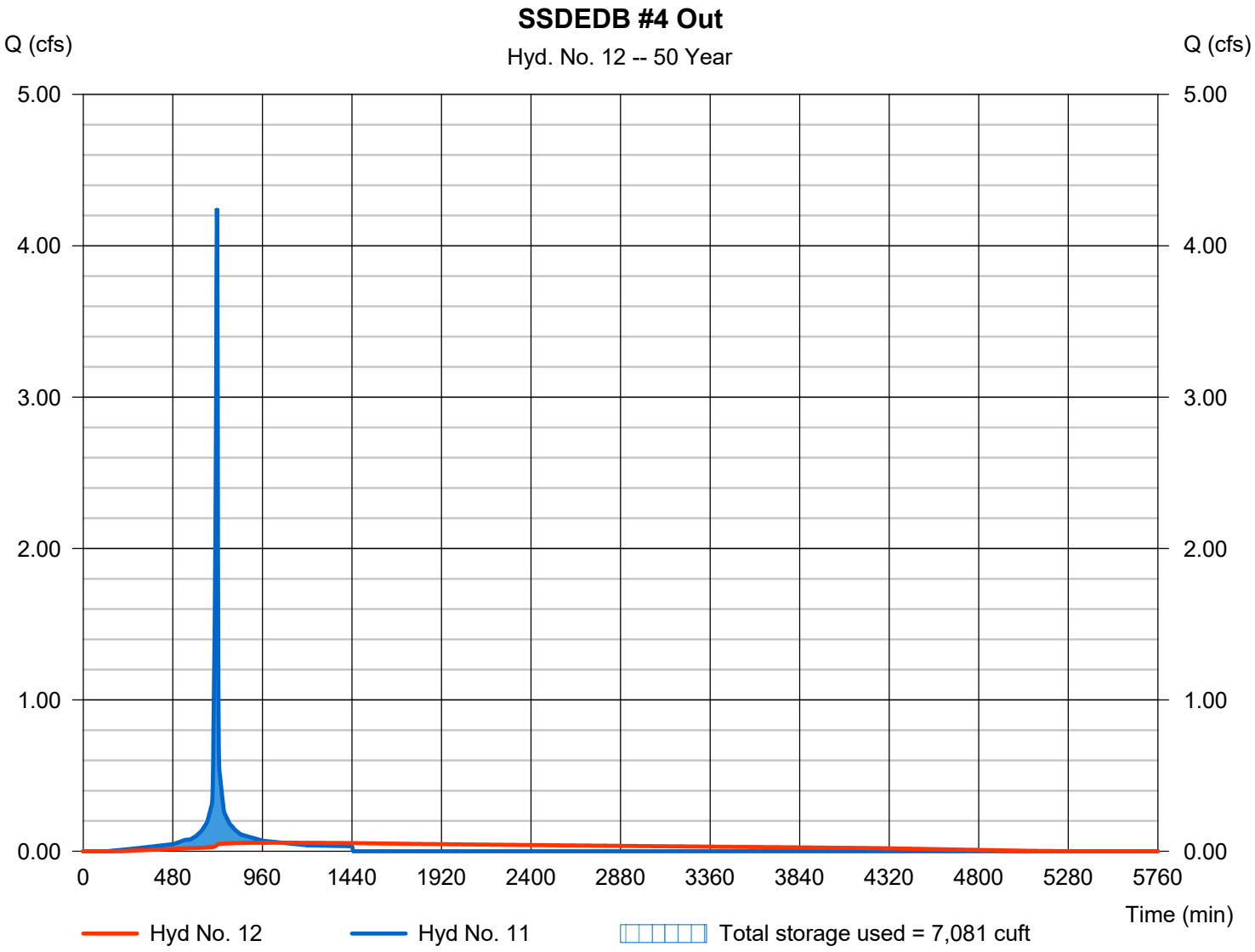
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 50 yrs	Time to peak	= 1066 min
Time interval	= 2 min	Hyd. volume	= 9,558 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 456.41 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 7,081 cuft

Storage Indication method used.



Hydrograph Report

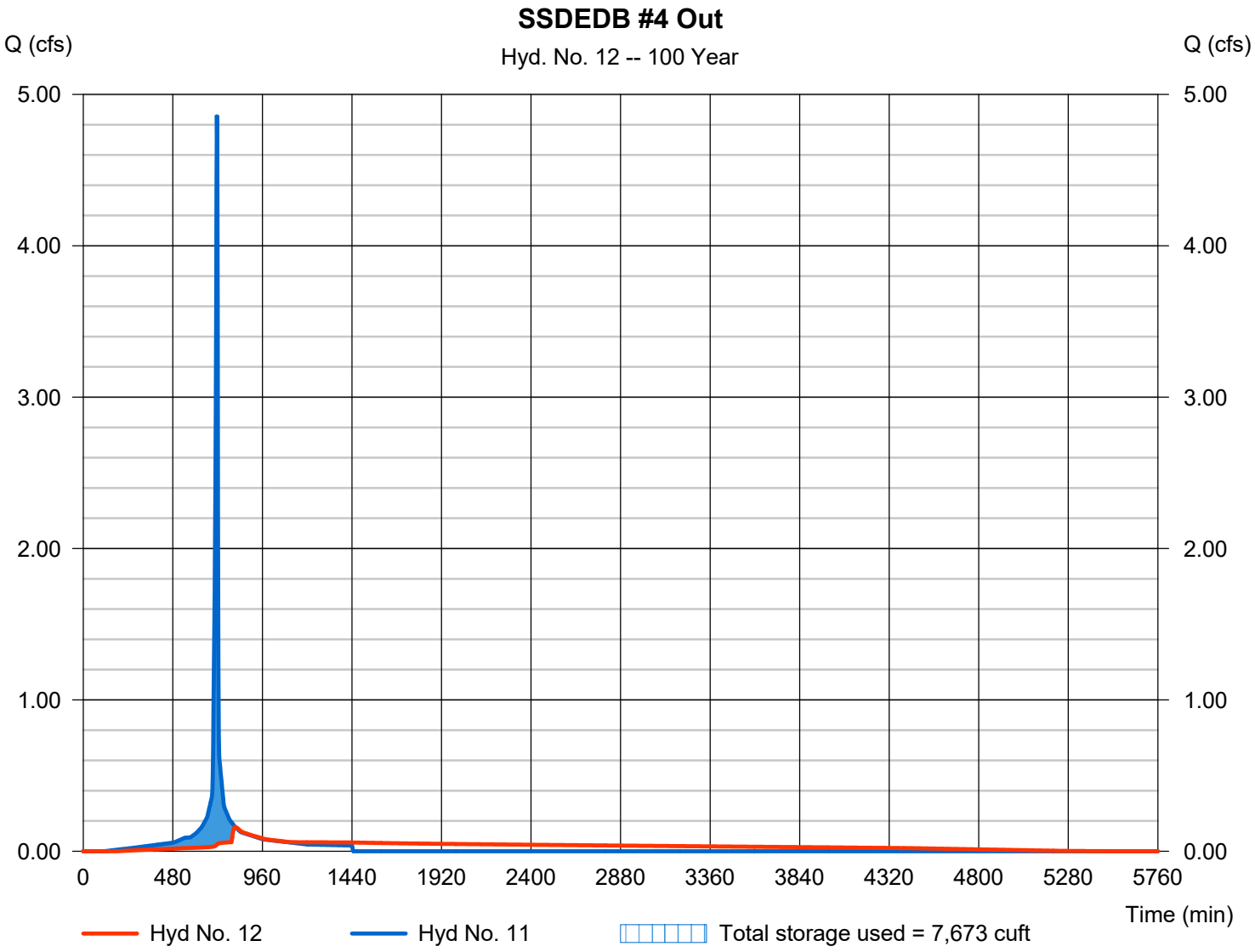
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.160 cfs
Storm frequency	= 100 yrs	Time to peak	= 814 min
Time interval	= 2 min	Hyd. volume	= 11,044 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Max. Elevation	= 457.06 ft
Reservoir name	= SSDEDB #4	Max. Storage	= 7,673 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #5

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.34	61
IMPERVIOUS	0.56	98

TOTAL 0.90

TR55 Tc Worksheet

Hyd. No. 13

SSDEDB #5 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 14.18**	**+**	**0.00**	**+**	**0.00**	**=**	**14.18**
Shallow Concentrated Flow							
Flow length (ft)	= 30.00		0.00		0.00		
Watercourse slope (%)	= 2.00		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=2.28		0.00		0.00		
Travel Time (min)	**= 0.22**	**+**	**0.00**	**+**	**0.00**	**=**	**0.22**
Channel Flow							
X sectional flow area (sqft)	= 1.23		1.23		1.23		
Wetted perimeter (ft)	= 3.93		3.93		3.93		
Channel slope (%)	= 14.78		2.00		2.00		
Manning's n-value	= 0.012		0.012		0.012		
Velocity (ft/s)	=21.92						
			8.06				
					8.06		
Flow length (ft)	({0})54.0		21.0		34.0		
Travel Time (min)	**= 0.04**	**+**	**0.04**	**+**	**0.07**	**=**	**0.15**

Total Travel Time, Tc ..... 14.60 min

Hydrograph Report

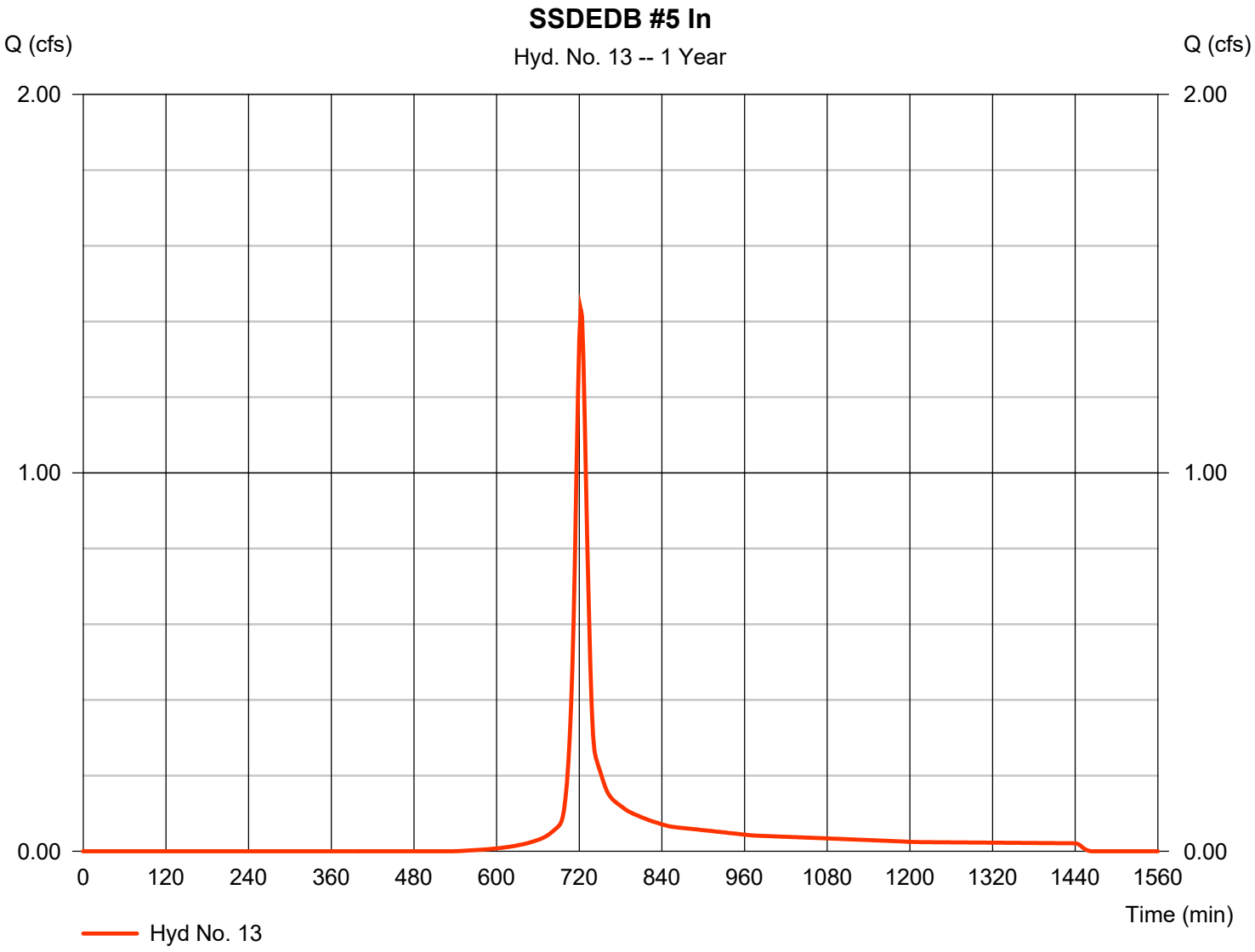
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.432 cfs
Storm frequency	=	1 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	4,030 cuft
Drainage area	=	0.900 ac	Curve number	=	84*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.60 min
Total precip.	=	2.69 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

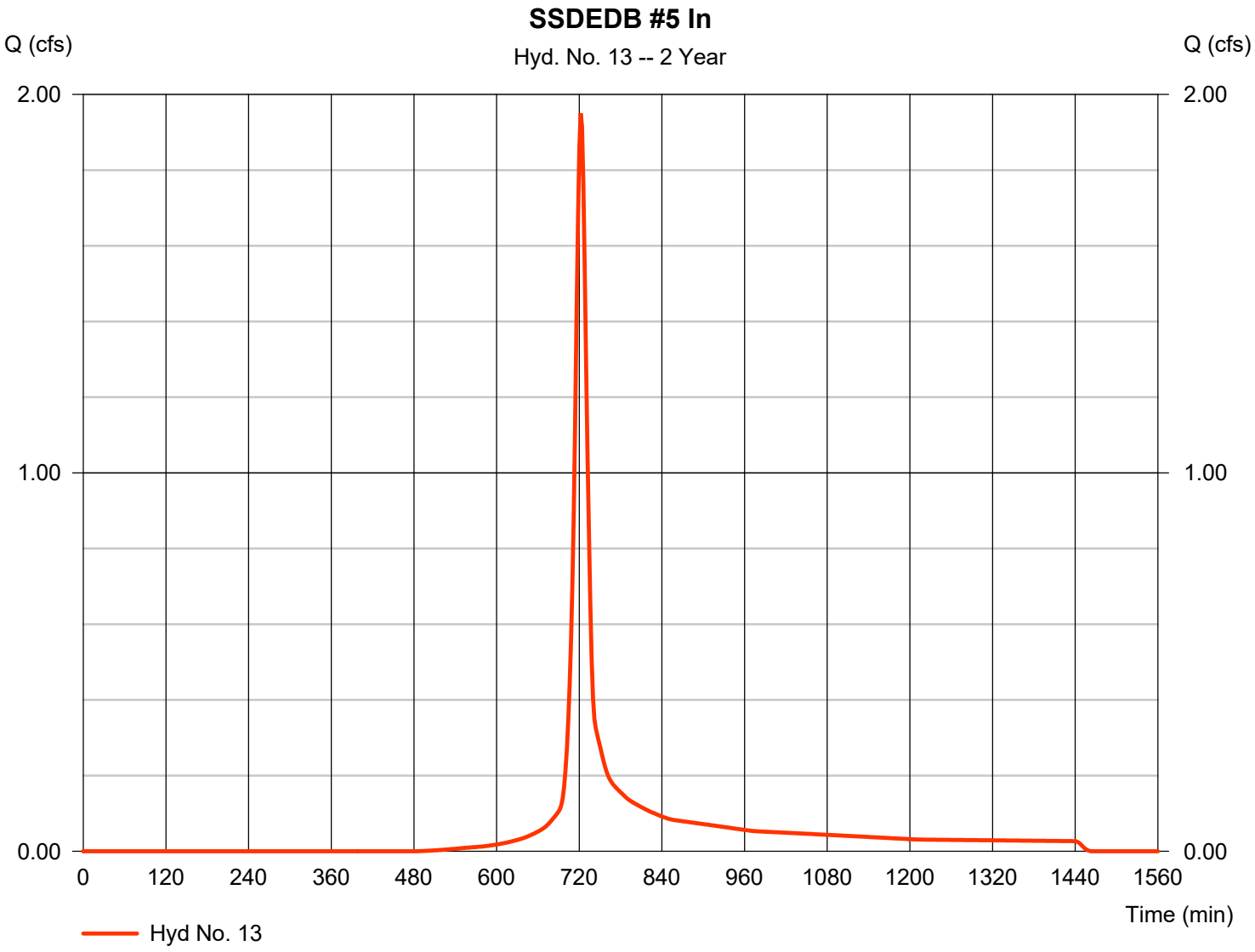
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.950 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,466 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

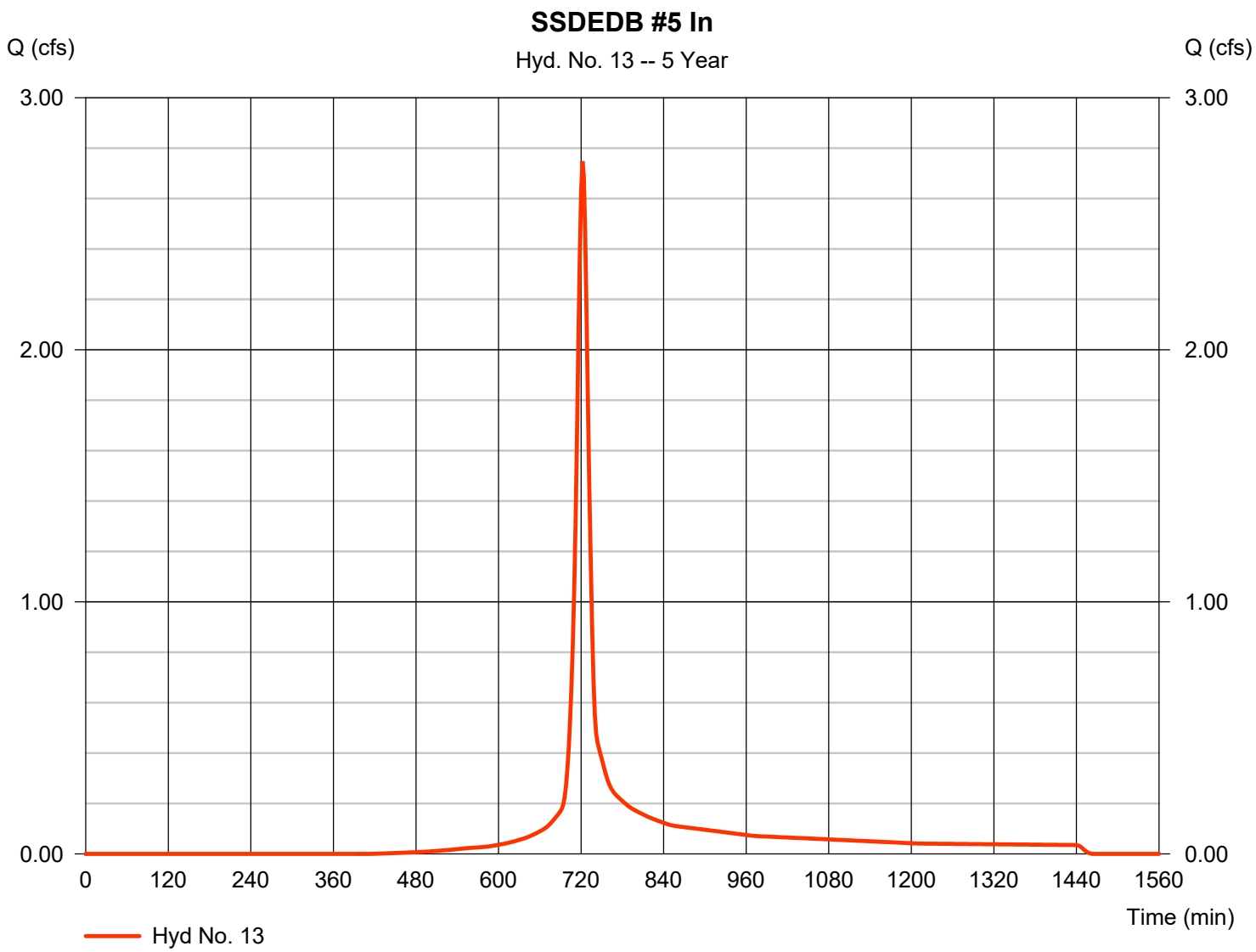
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.748 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,721 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

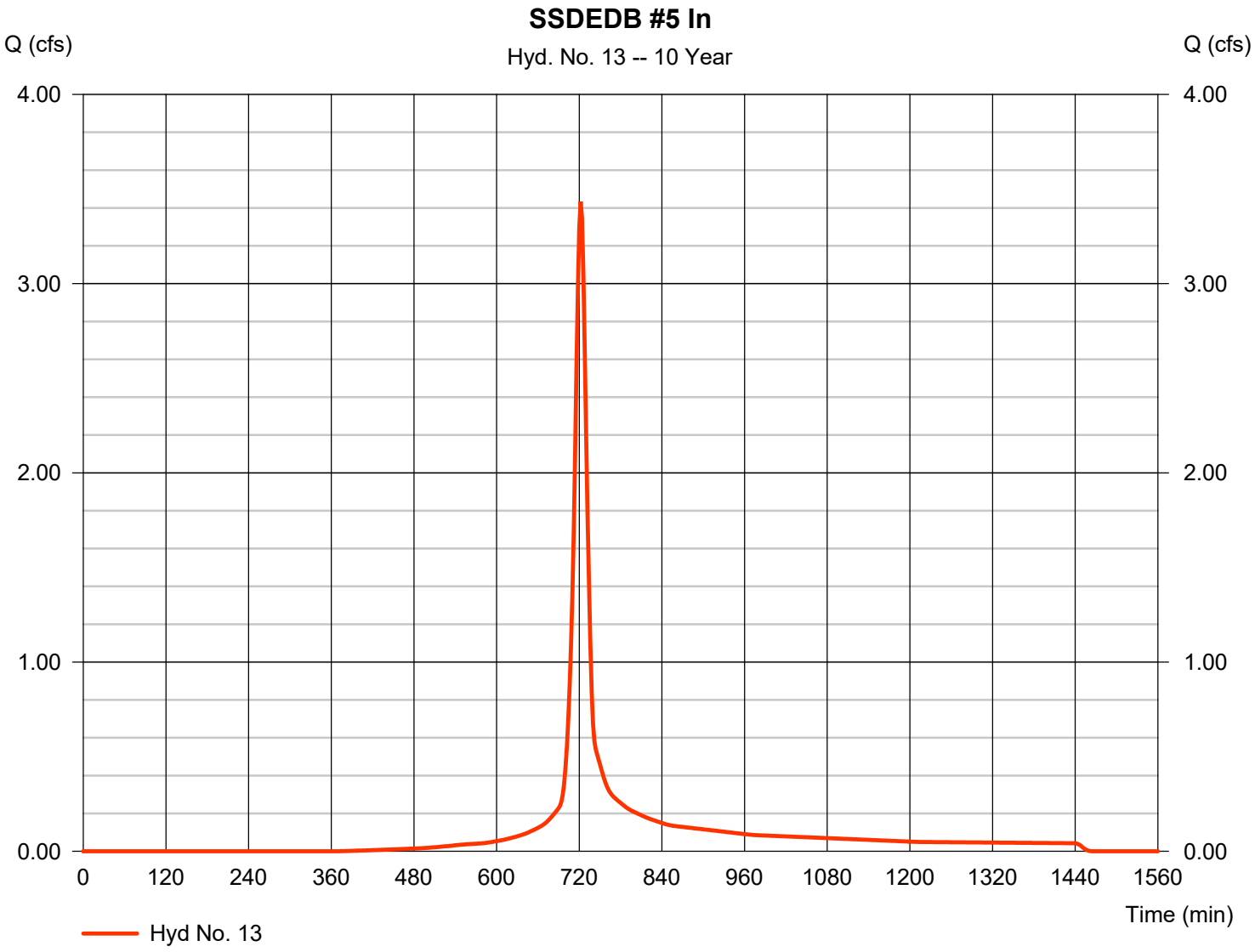
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.433 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,692 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

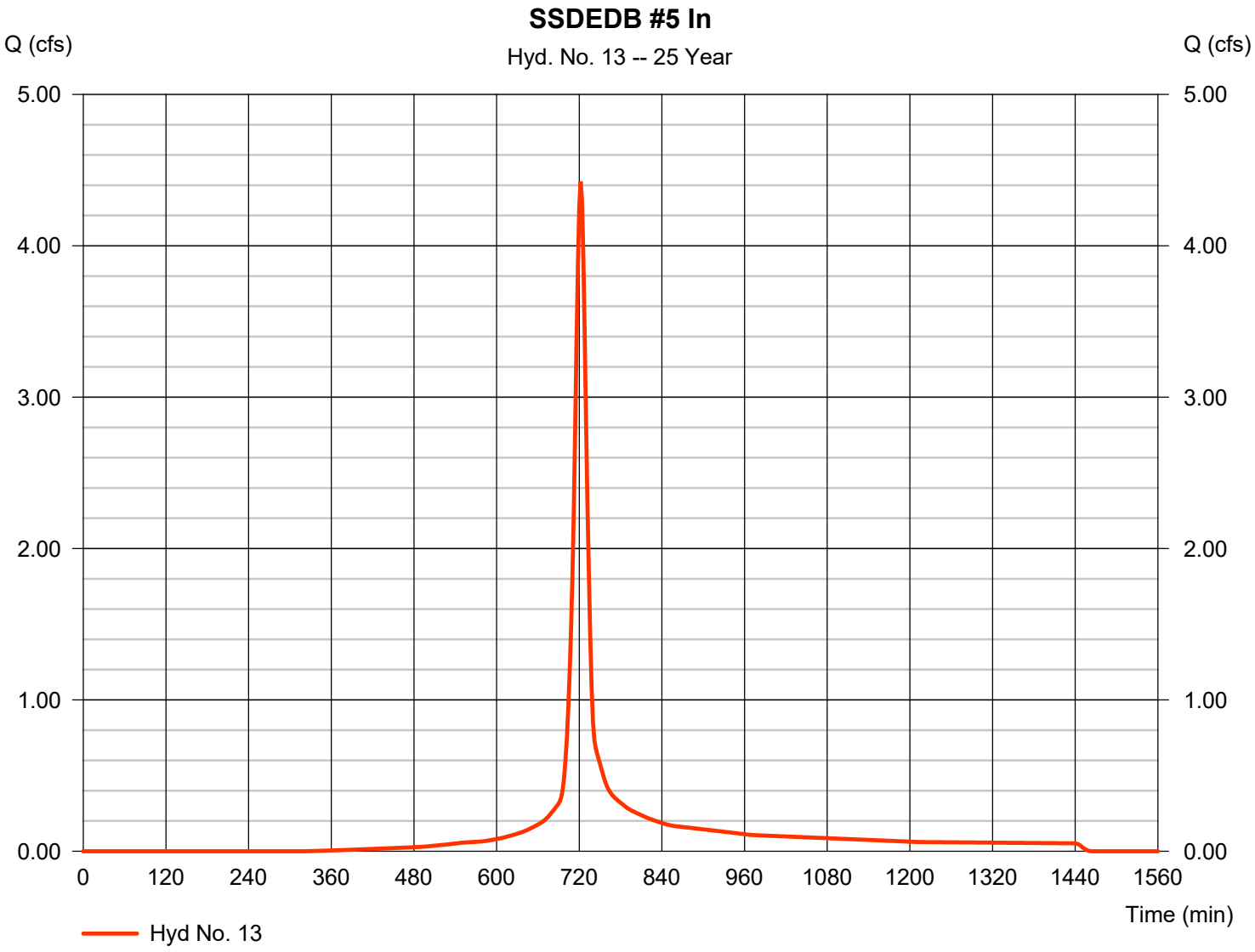
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.424 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 12,594 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

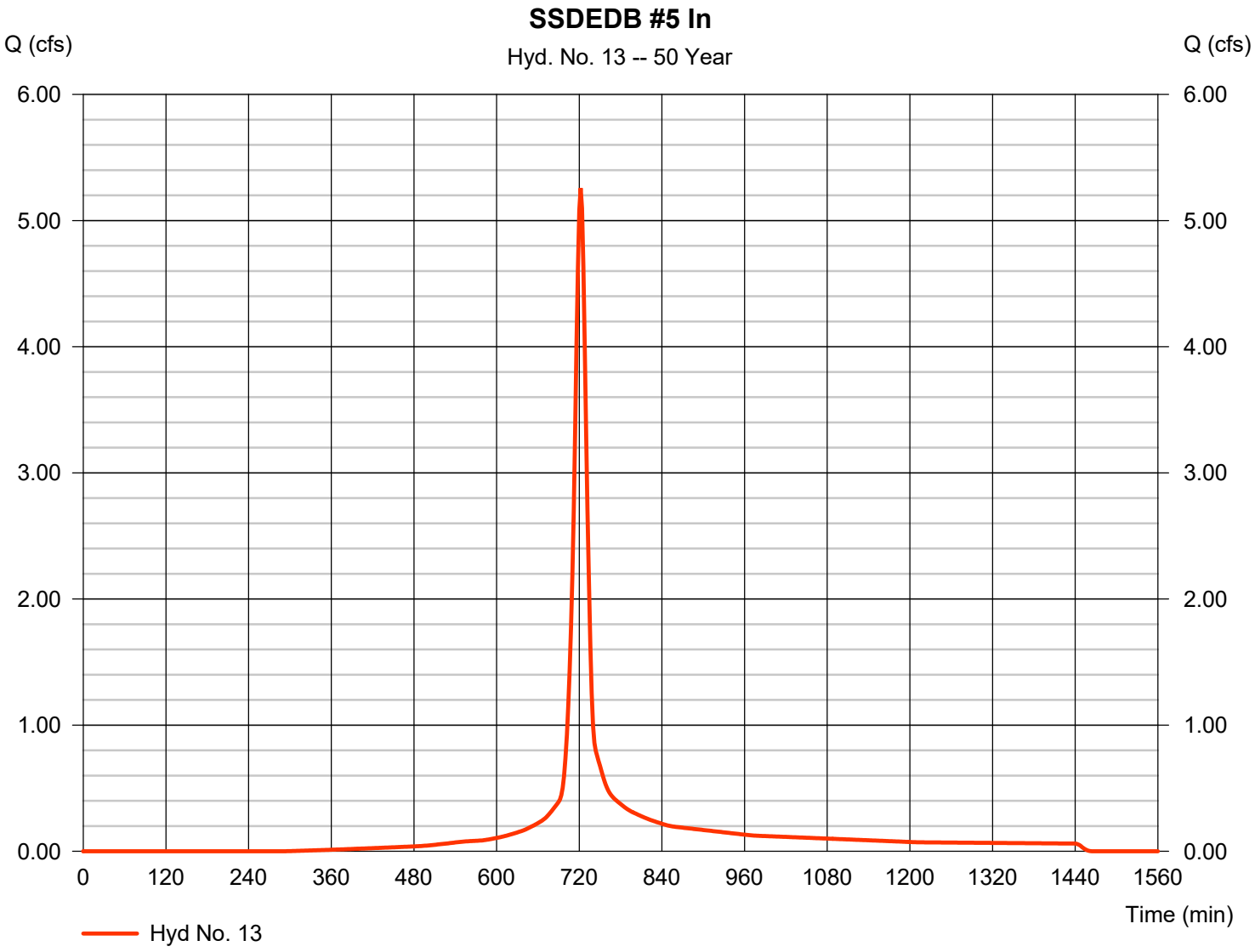
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.257 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 15,075 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



Hydrograph Report

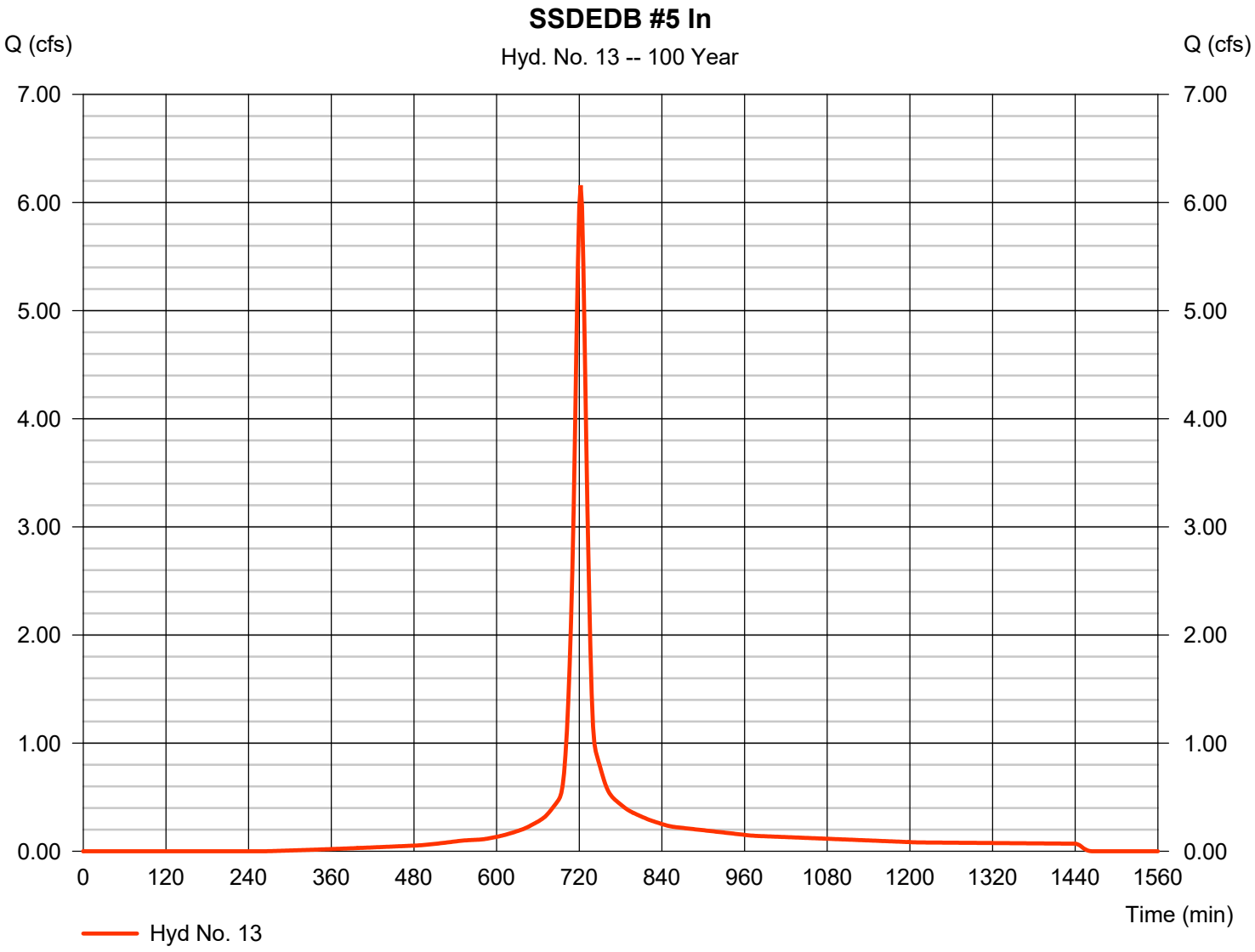
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #5 In

Hydrograph type	= SCS Runoff	Peak discharge	= 6.160 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 17,799 cuft
Drainage area	= 0.900 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.60 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 61) + (0.560 x 98)] / 0.900



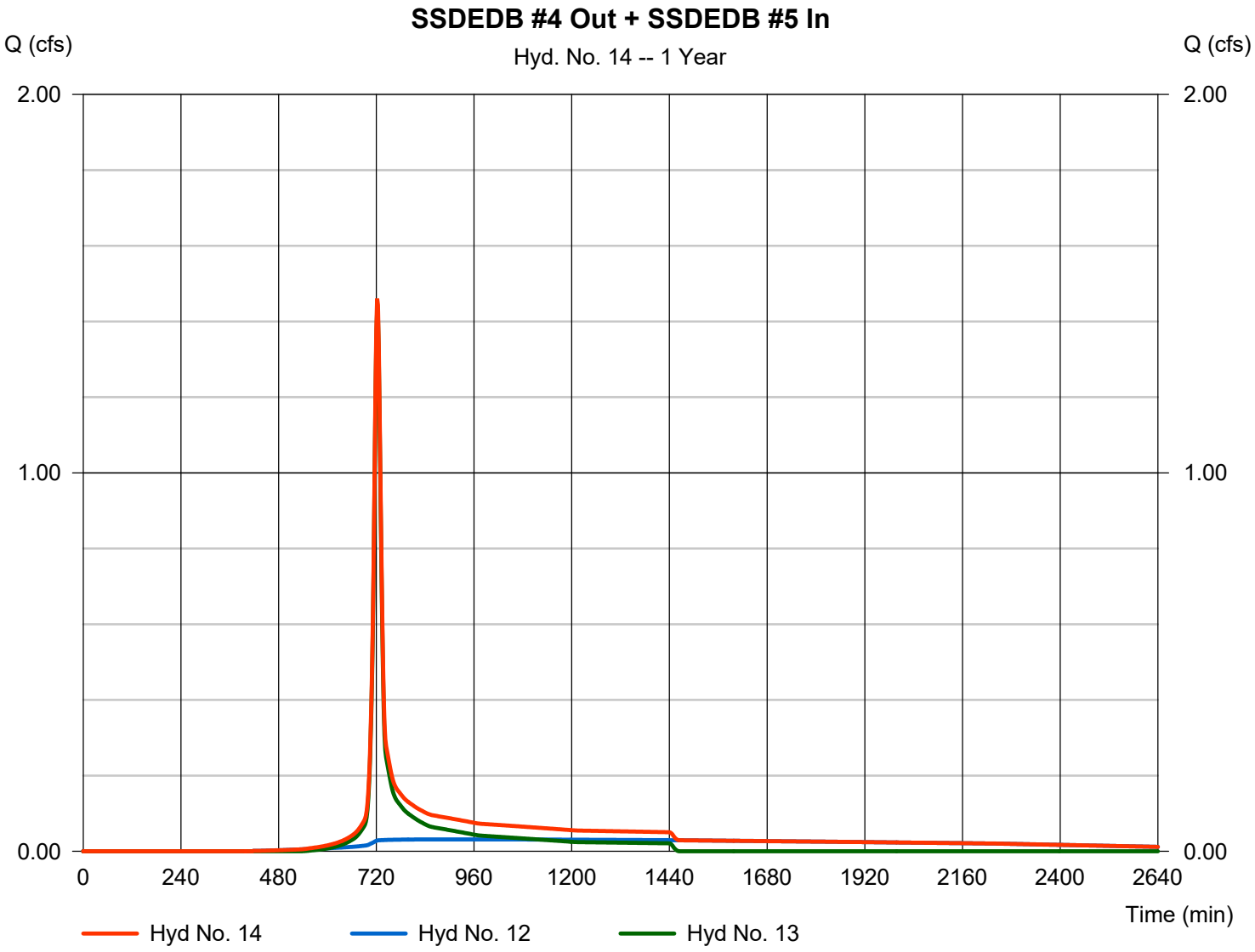
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

Hydrograph type	= Combine	Peak discharge	= 1.461 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,273 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



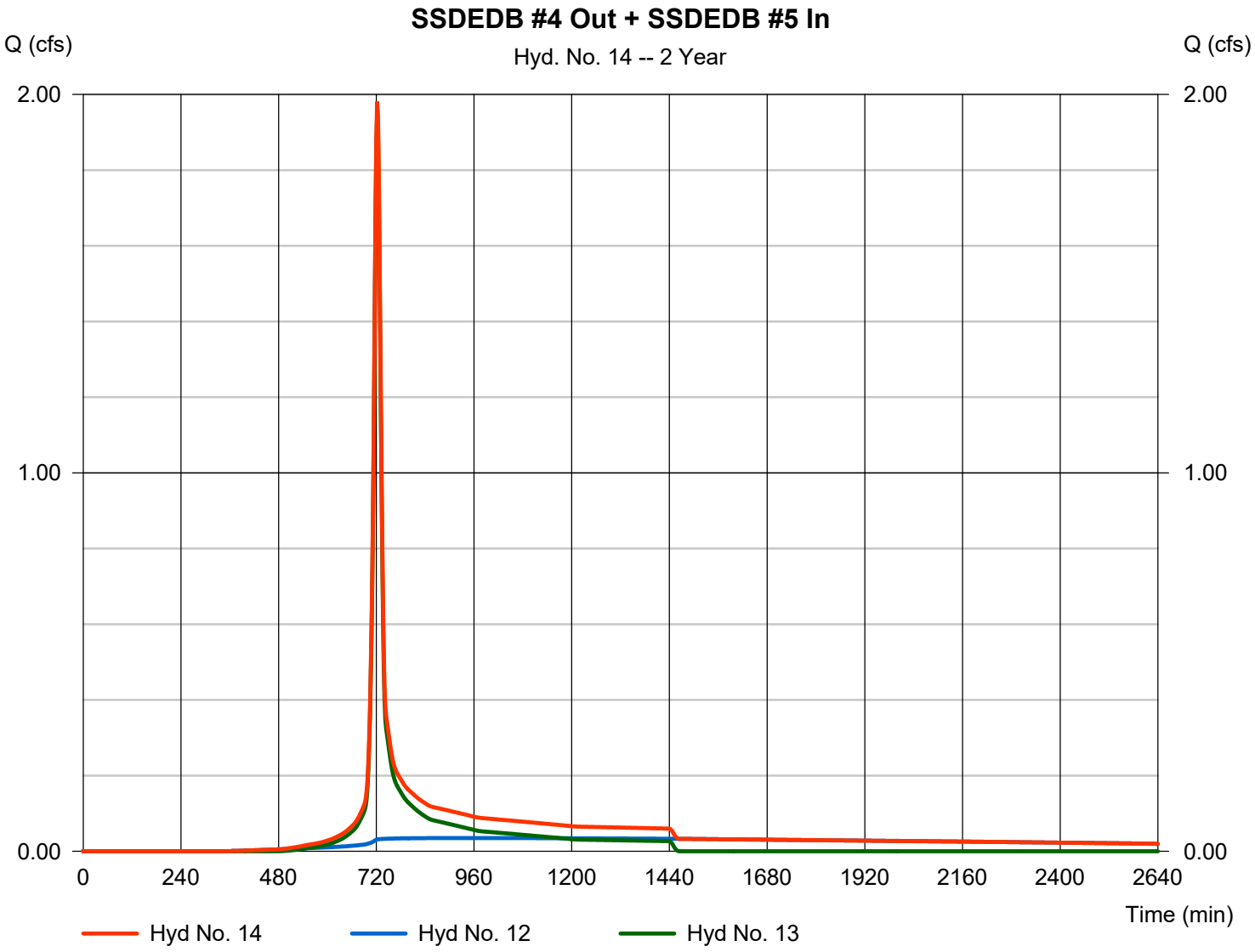
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

Hydrograph type	= Combine	Peak discharge	= 1.981 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,585 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



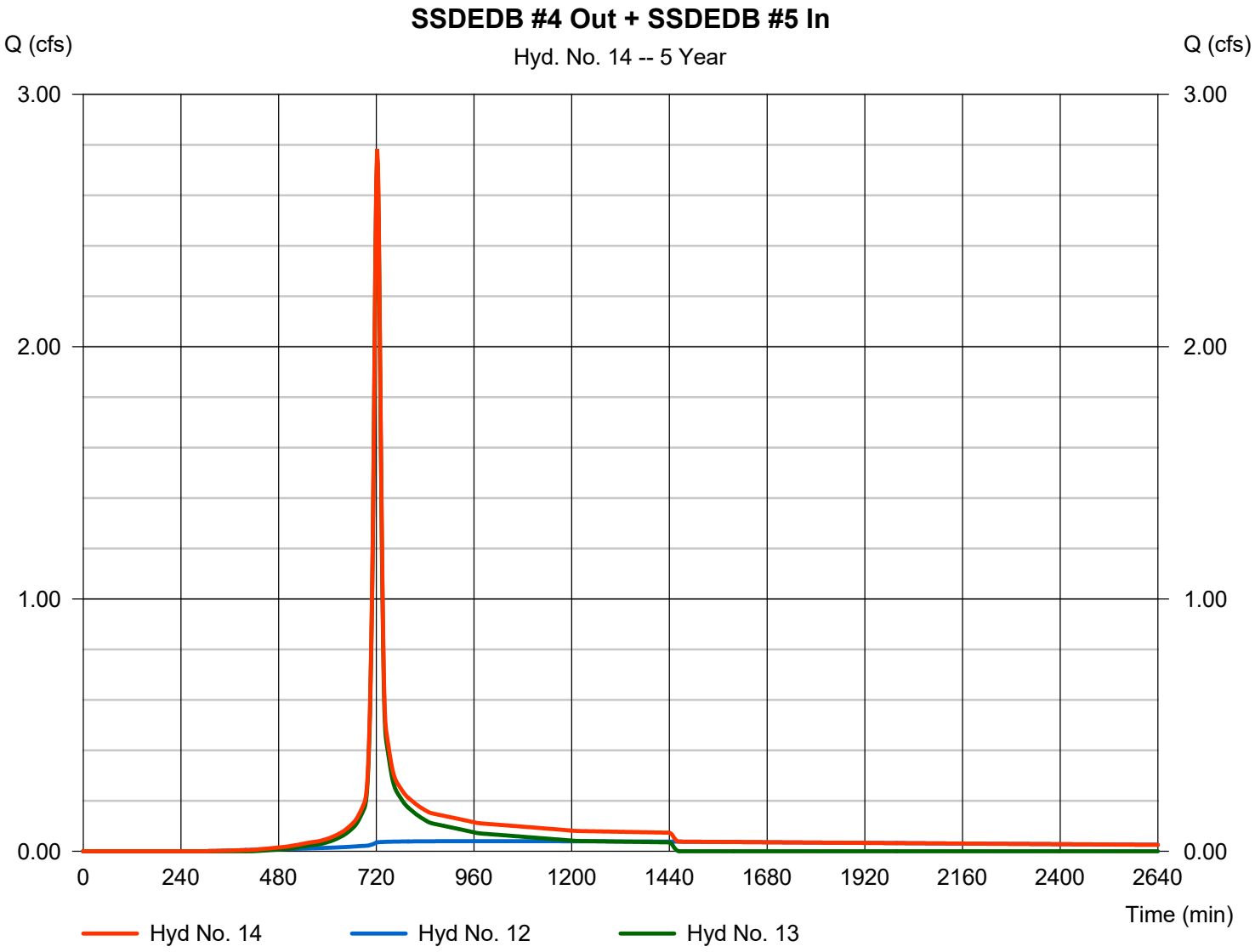
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

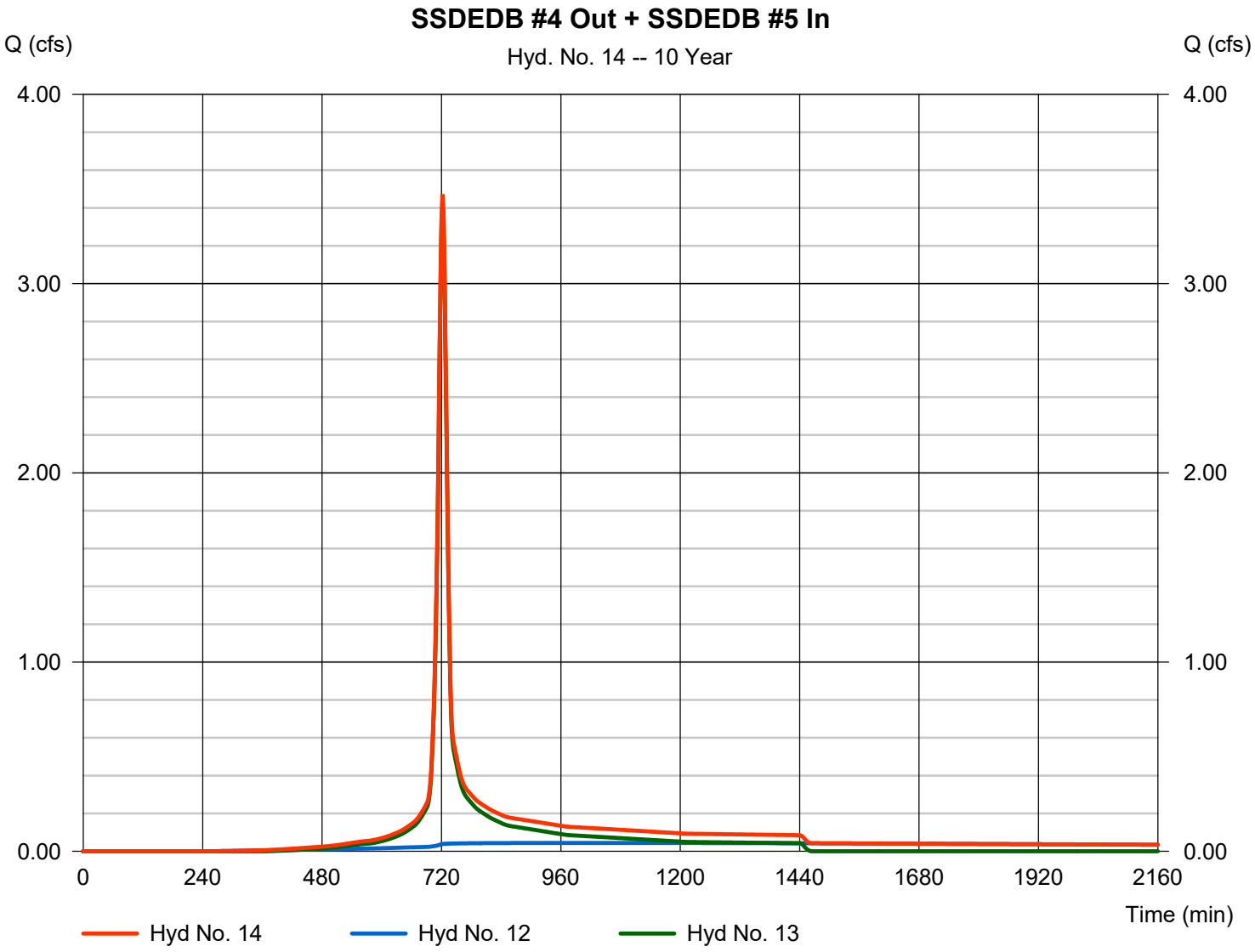
Hydrograph type	= Combine	Peak discharge	= 2.784 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,165 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

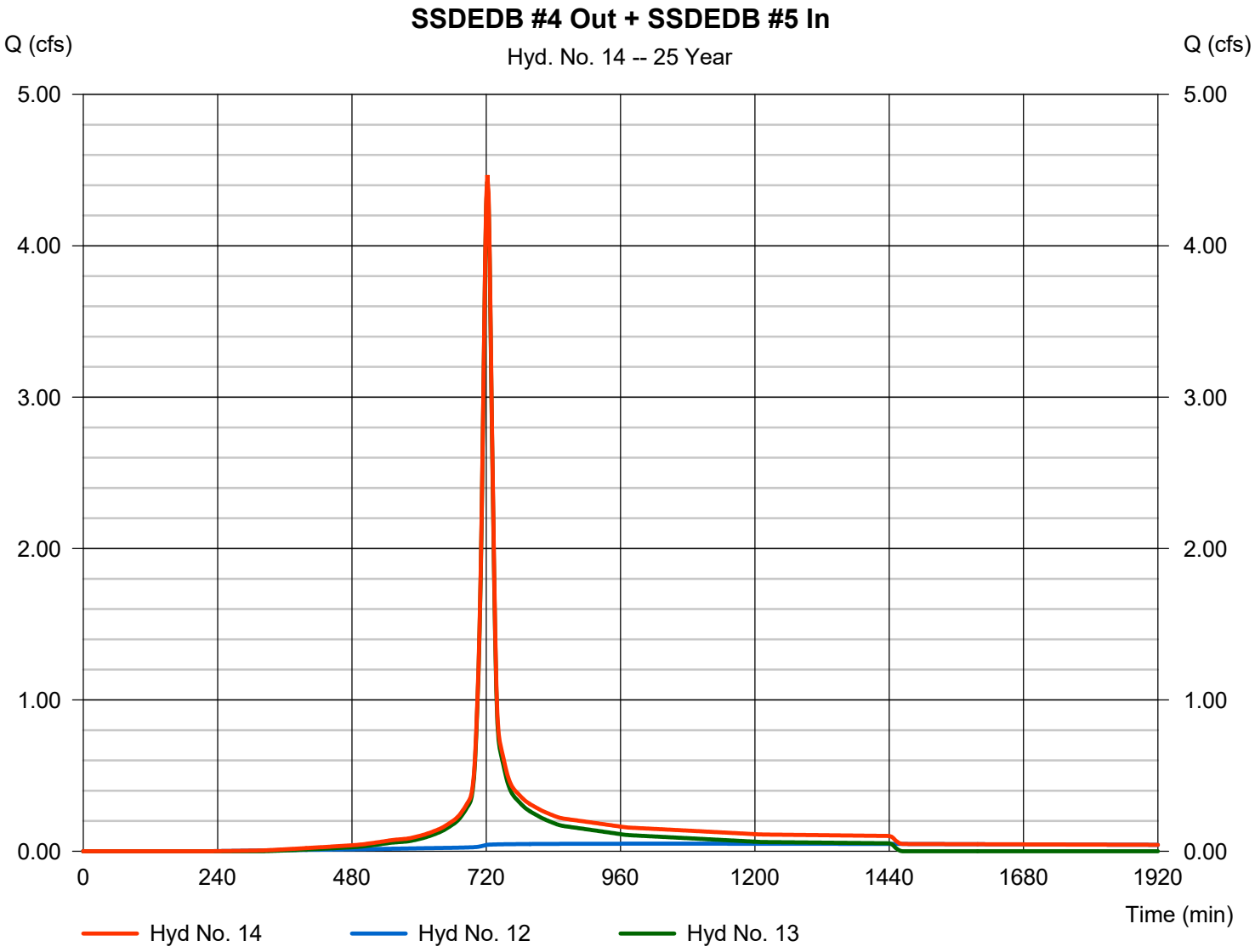
Hydrograph type	= Combine	Peak discharge	= 3.472 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 16,259 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

Hydrograph type	= Combine	Peak discharge	= 4.467 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 20,785 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



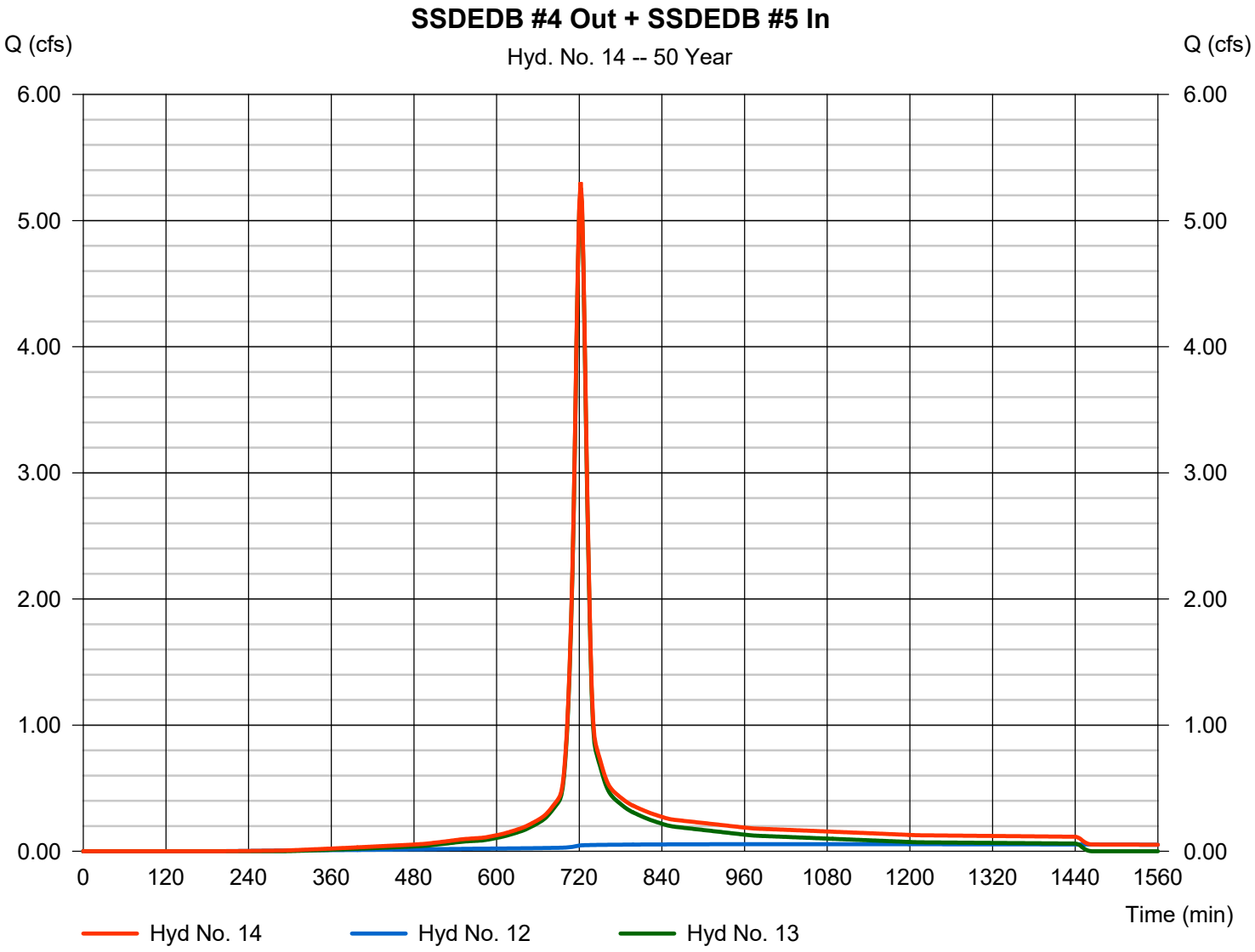
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

Hydrograph type	= Combine	Peak discharge	= 5.304 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 24,633 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



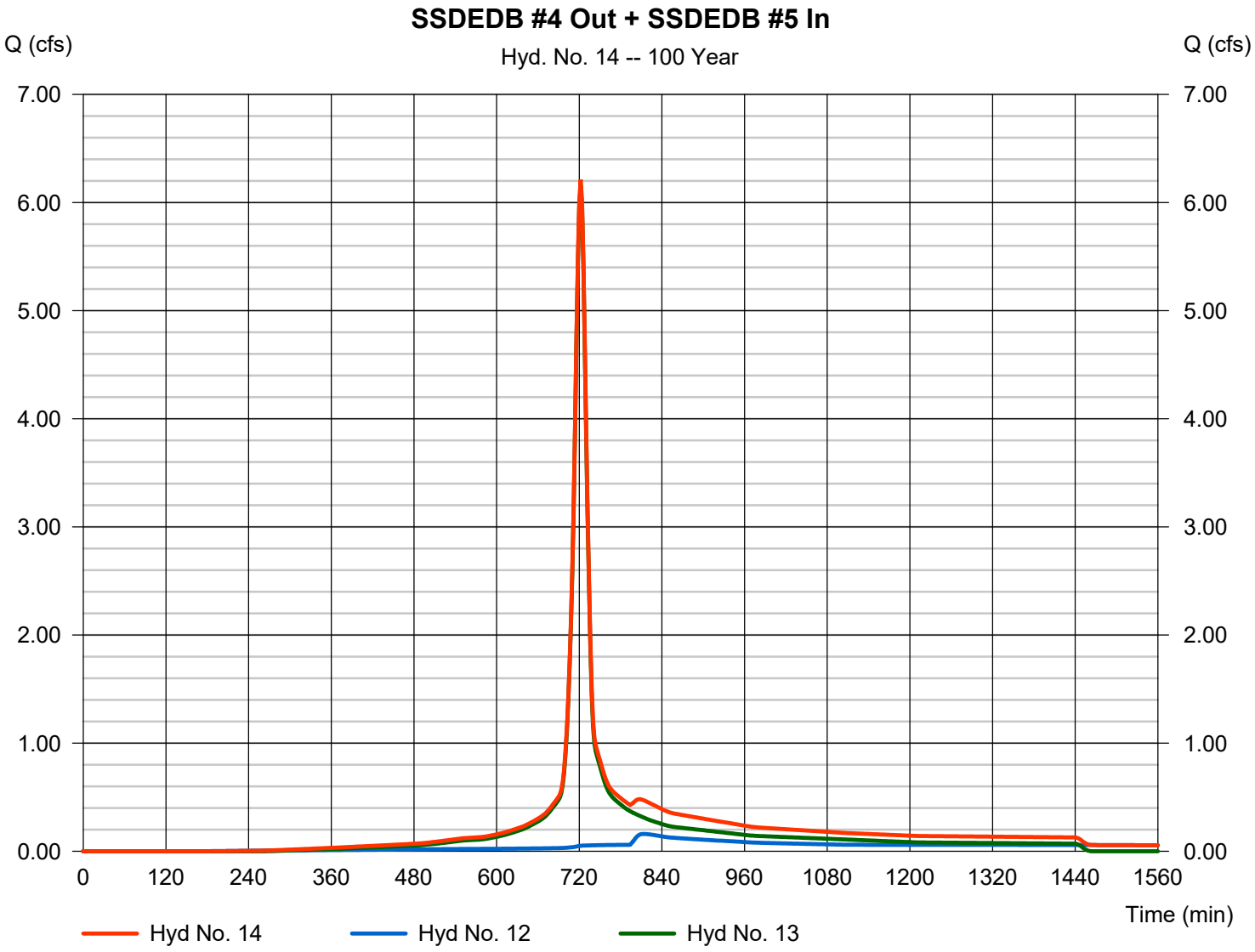
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #4 Out + SSDEDB #5 In

Hydrograph type	= Combine	Peak discharge	= 6.211 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 28,843 cuft
Inflow hyds.	= 12, 13	Contrib. drain. area	= 0.900 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #5

		Volume for One Chamber			# of Chambers 51	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	447.7500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	447.8333	1.71	0.00	1.71	87.21	0.56	0.00	0.56	3.36	90.57
2	447.9167	1.71	0.00	3.42	174.42	0.58	0.00	1.14	6.84	181.26
3	448.0000	1.72	0.00	5.14	262.14	0.57	0.00	1.71	10.26	272.40
4	448.0833	1.71	0.00	6.85	349.35	0.57	0.00	2.28	13.68	363.03
5	448.1667	1.71	0.00	8.56	436.56	0.57	0.00	2.85	17.10	453.66
6	448.2500	1.71	0.00	10.27	523.77	0.57	0.00	3.42	20.52	544.29
7	448.3333	1.71	0.00	11.98	610.98	0.57	0.00	3.99	23.94	634.92
8	448.4167	1.72	0.00	13.70	698.70	0.56	0.00	4.55	27.30	726.00
9	448.5000	1.71	0.00	15.41	785.91	0.57	0.00	5.12	30.72	816.63
10	448.5833	0.30	3.51	19.22	980.22	0.32	0.63	6.07	36.42	1016.64
11	448.6667	0.33	3.47	23.02	1174.02	0.32	0.63	7.02	42.12	1216.14
12	448.7500	0.33	3.46	26.81	1367.31	0.32	0.62	7.96	47.76	1415.07
13	448.8333	0.33	3.44	30.58	1559.58	0.33	0.61	8.90	53.40	1612.98
14	448.9167	0.35	3.41	34.34	1751.34	0.32	0.61	9.83	58.98	1810.32
15	449.0000	0.35	3.40	38.09	1942.59	0.33	0.60	10.76	64.56	2007.15
16	449.0833	0.38	3.36	41.83	2133.33	0.33	0.60	11.69	70.14	2203.47
17	449.1667	0.36	3.35	45.54	2322.54	0.34	0.58	12.61	75.66	2398.20
18	449.2500	0.39	3.32	49.25	2511.75	0.33	0.58	13.52	81.12	2592.87
19	449.3333	0.39	3.29	52.93	2699.43	0.34	0.57	14.43	86.58	2786.01
20	449.4167	0.41	3.26	56.60	2886.60	0.35	0.56	15.34	92.04	2978.64
21	449.5000	0.42	3.23	60.25	3072.75	0.36	0.54	16.24	97.44	3170.19
22	449.5833	0.43	3.20	63.88	3257.88	0.35	0.54	17.13	102.78	3360.66
23	449.6667	0.46	3.16	67.50	3442.50	0.36	0.52	18.01	108.06	3550.56
24	449.7500	0.46	3.13	71.09	3625.59	0.36	0.51	18.88	113.28	3738.87
25	449.8333	0.46	3.10	74.65	3807.15	0.38	0.49	19.75	118.50	3925.65
26	449.9167	0.50	3.05	78.20	3988.20	0.38	0.48	20.61	123.66	4111.86
27	450.0000	0.51	3.01	81.72	4167.72	0.38	0.46	21.45	128.70	4296.42
28	450.0833	0.52	2.97	85.21	4345.71	0.39	0.45	22.29	133.74	4479.45
29	450.1667	0.54	2.93	88.68	4522.68	0.40	0.43	23.12	138.72	4661.40
30	450.2500	0.57	2.87	92.12	4698.12	0.40	0.41	23.93	143.58	4841.70
31	450.3333	0.57	2.83	95.52	4871.52	0.42	0.39	24.74	148.44	5019.96
32	450.4167	0.61	2.77	98.90	5043.90	0.42	0.37	25.53	153.18	5197.08
33	450.5000	0.62	2.72	102.24	5214.24	0.42	0.35	26.30	157.80	5372.04
34	450.5833	0.65	2.65	105.54	5382.54	0.45	0.33	27.08	162.48	5545.02
35	450.6667	0.67	2.60	108.81	5549.31	0.44	0.32	27.84	167.04	5716.35
36	450.7500	0.71	2.52	112.04	5714.04	0.45	0.29	28.58	171.48	5885.52
37	450.8333	0.73	2.46	115.23	5876.73	0.46	0.27	29.31	175.86	6052.59
38	450.9167	0.75	2.39	118.37	6036.87	0.46	0.26	30.03	180.18	6217.05
39	451.0000	0.80	2.30	121.47	6194.97	0.48	0.24	30.75	184.50	6379.47
40	451.0833	0.81	2.23	124.51	6350.01	0.49	0.21	31.45	188.70	6538.71
41	451.1667	0.87	2.13	127.51	6503.01	0.48	0.20	32.13	192.78	6695.79
42	451.2500	0.89	2.04	130.44	6652.44	0.50	0.18	32.81	196.86	6849.30
43	451.3333	0.94	1.94	133.32	6799.32	0.51	0.16	33.48	200.88	7000.20
44	451.4167	0.98	1.83	136.13	6942.63	0.51	0.14	34.13	204.78	7147.41
45	451.5000	1.02	1.71	138.86	7081.86	0.52	0.12	34.77	208.62	7290.48
46	451.5833	1.09	1.57	141.52	7217.52	0.53	0.10	35.40	212.40	7429.92
47	451.6667	1.15	1.42	144.09	7348.59	0.53	0.09	36.02	216.12	7564.71
48	451.7500	1.21	1.25	146.55	7474.05	0.55	0.07	36.64	219.84	7693.89
49	451.8333	1.30	1.03	148.88	7592.88	0.55	0.05	37.24	223.44	7816.32
50	451.9167	1.43	0.69	151.00	7701.00	0.55	0.04	37.83	226.98	7927.98
51	452.0000	1.55	0.40	152.95	7800.45	0.56	0.02	38.41	230.46	8030.91
52	452.0833	1.60	0.29	154.84	7896.84	0.57	0.01	38.99	233.94	8130.78
53	452.1667	1.63	0.20	156.67	7990.17	0.56	0.01	39.56	237.36	8227.53
54	452.2500	1.69	0.06	158.42	8079.42	0.57	0.00	40.13	240.78	8320.20
55	452.3333	1.71	0.00	160.13	8166.63	0.57	0.00	40.70	244.20	8410.83
56	452.4167	1.71	0.00	161.84	8253.84	0.57	0.00	41.27	247.62	8501.46
57	452.5000	1.71	0.00	163.55	8341.05	0.57	0.00	41.84	251.04	8592.09
58	452.5833	1.72	0.00	165.27	8428.77	0.57	0.00	42.41	254.46	8683.23
59	452.6667	1.71	0.00	166.98	8515.98	0.57	0.00	42.98	257.88	8773.86
60	452.7500	1.71	0.00	168.69	8603.19	0.56	0.00	43.54	261.24	8864.43
61	452.8333	1.71	0.00	170.40	8690.40	0.57	0.00	44.11	264.66	8955.06
62	452.9167	1.71	0.00	172.11	8777.61	0.57	0.00	44.68	268.08	9045.69
63	453.0000	1.72	0.00	173.83	8865.33	0.57	0.00	45.25	271.50	9136.83
64	453.0833	1.71	0.00	175.54	8952.54	0.57	0.00	45.82	274.92	9227.46
65	453.1667	1.71	0.00	177.25	9039.75	0.57	0.00	46.39	278.34	9318.09
66	453.2500	1.71	0.00	178.96	9126.96	0.57	0.00	46.96	281.76	9408.72

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 5 - SSDEDB #5

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	447.75	n/a	0	0
0.33	448.08	n/a	363	363
0.67	448.42	n/a	363	726
1.00	448.75	n/a	689	1,415
1.33	449.08	n/a	788	2,203
1.67	449.42	n/a	775	2,979
2.00	449.75	n/a	760	3,739
2.33	450.08	n/a	741	4,479
2.67	450.42	n/a	718	5,197
3.00	450.75	n/a	688	5,886
3.33	451.08	n/a	653	6,539
3.67	451.42	n/a	609	7,147
4.00	451.75	n/a	546	7,694
4.33	452.08	n/a	437	8,131
4.67	452.42	n/a	371	8,501
5.00	452.75	n/a	363	8,864
5.33	453.08	n/a	363	9,227
5.50	453.25	n/a	181	9,409

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	15.00	2.00	0.00	0.00
Span (in)	=	15.00	2.00	0.00	0.00
No. Barrels	=	1	1	0	0
Invert El. (ft)	=	447.75	447.75	0.00	0.00
Length (ft)	=	12.00	0.00	0.00	0.00
Slope (%)	=	1.03	0.00	0.00	n/a
N-Value	=	.012	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	2.00	0.00	0.00	0.00
Crest El. (ft)	=	452.80	0.00	0.00	0.00
Weir Coeff.	=	3.33	3.33	3.33	3.33
Weir Type	=	Rect	---	---	---
Multi-Stage	=	Yes	No	No	No

Exfil.(in/hr)	=	0.000 (by Wet area)
TW Elev. (ft)	=	0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	447.75	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	363	448.08	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	726	448.42	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	1,415	448.75	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	2,203	449.08	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	2,979	449.42	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	3,739	449.75	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	4,479	450.08	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	5,197	450.42	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	5,886	450.75	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	6,539	451.08	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	7,147	451.42	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	7,694	451.75	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	8,131	452.08	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	8,501	452.42	0.23 ic	0.22 ic	---	---	0.00	---	---	---	---	---	0.222
5.00	8,864	452.75	0.23 ic	0.23 ic	---	---	0.00	---	---	---	---	---	0.230
5.33	9,227	453.08	1.23 oc	0.23 ic	---	---	1.00	---	---	---	---	---	1.230
5.50	9,409	453.25	2.24 oc	0.22 ic	---	---	2.01	---	---	---	---	---	2.234

Hydrograph Report

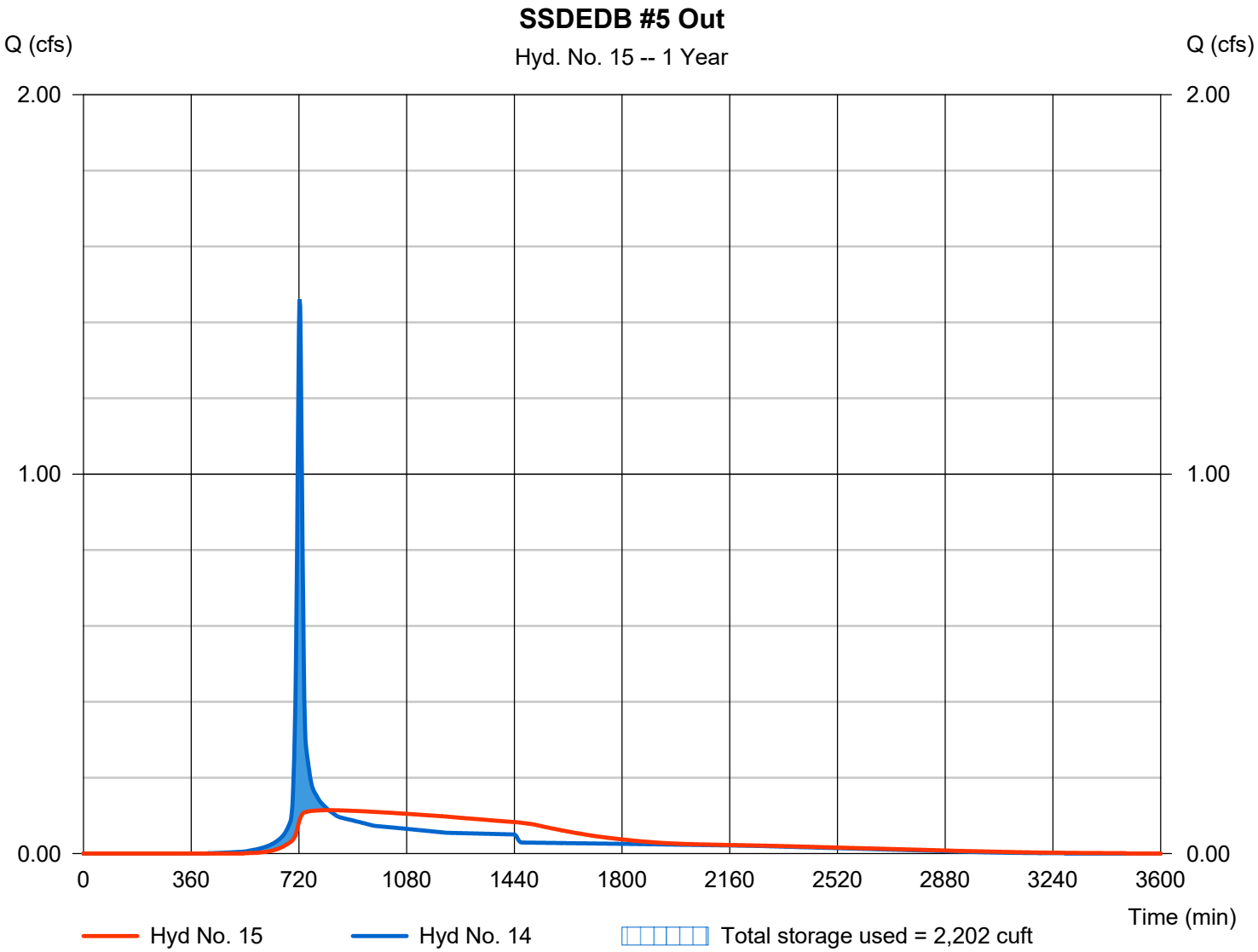
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.114 cfs
Storm frequency	=	1 yrs	Time to peak	=	820 min
Time interval	=	2 min	Hyd. volume	=	7,254 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	449.08 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	2,202 cuft

Storage Indication method used.



Hydrograph Report

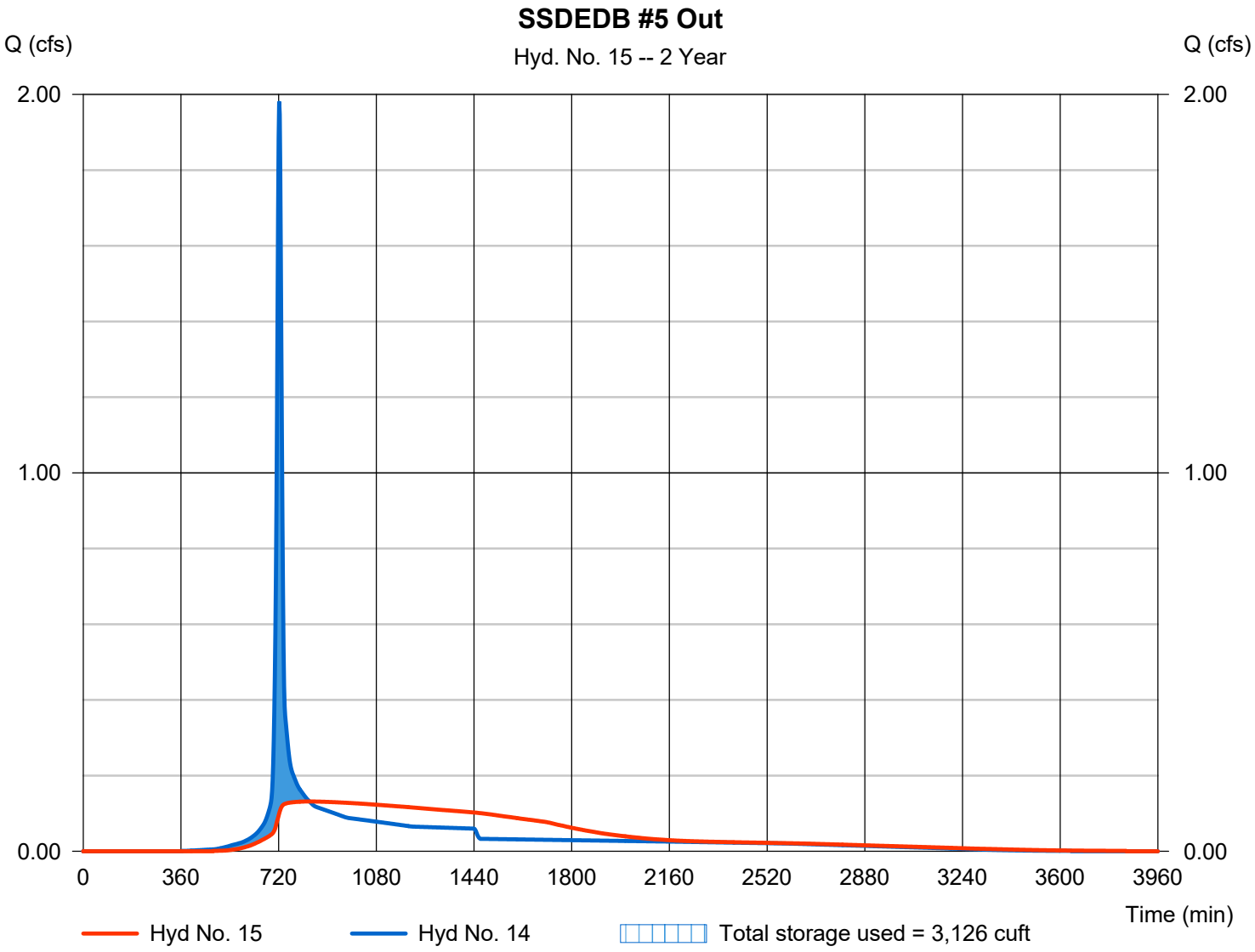
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.132 cfs
Storm frequency	=	2 yrs	Time to peak	=	834 min
Time interval	=	2 min	Hyd. volume	=	9,566 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	449.48 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	3,126 cuft

Storage Indication method used.



Hydrograph Report

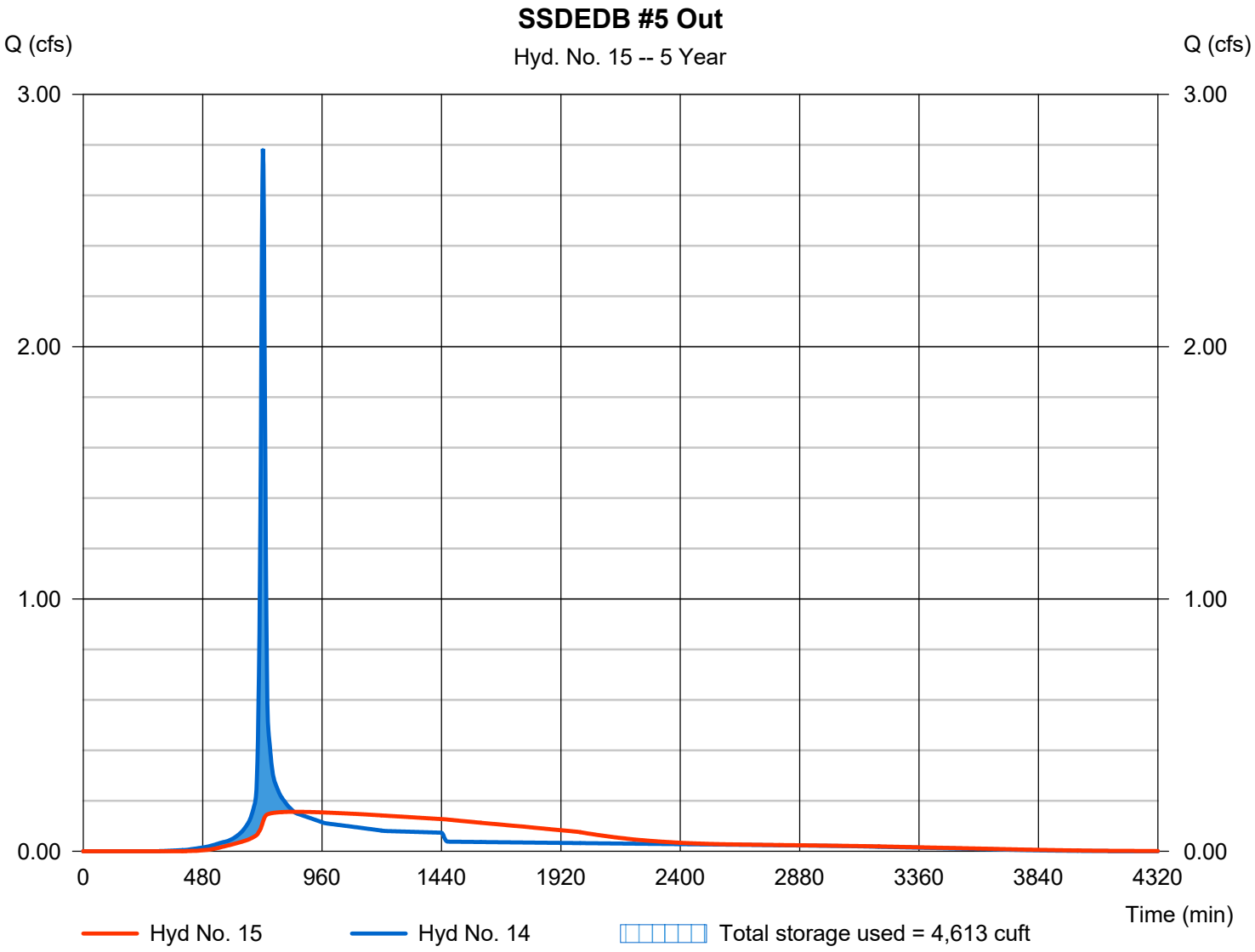
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.156 cfs
Storm frequency	=	5 yrs	Time to peak	=	846 min
Time interval	=	2 min	Hyd. volume	=	13,146 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	450.14 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	4,613 cuft

Storage Indication method used.



Hydrograph Report

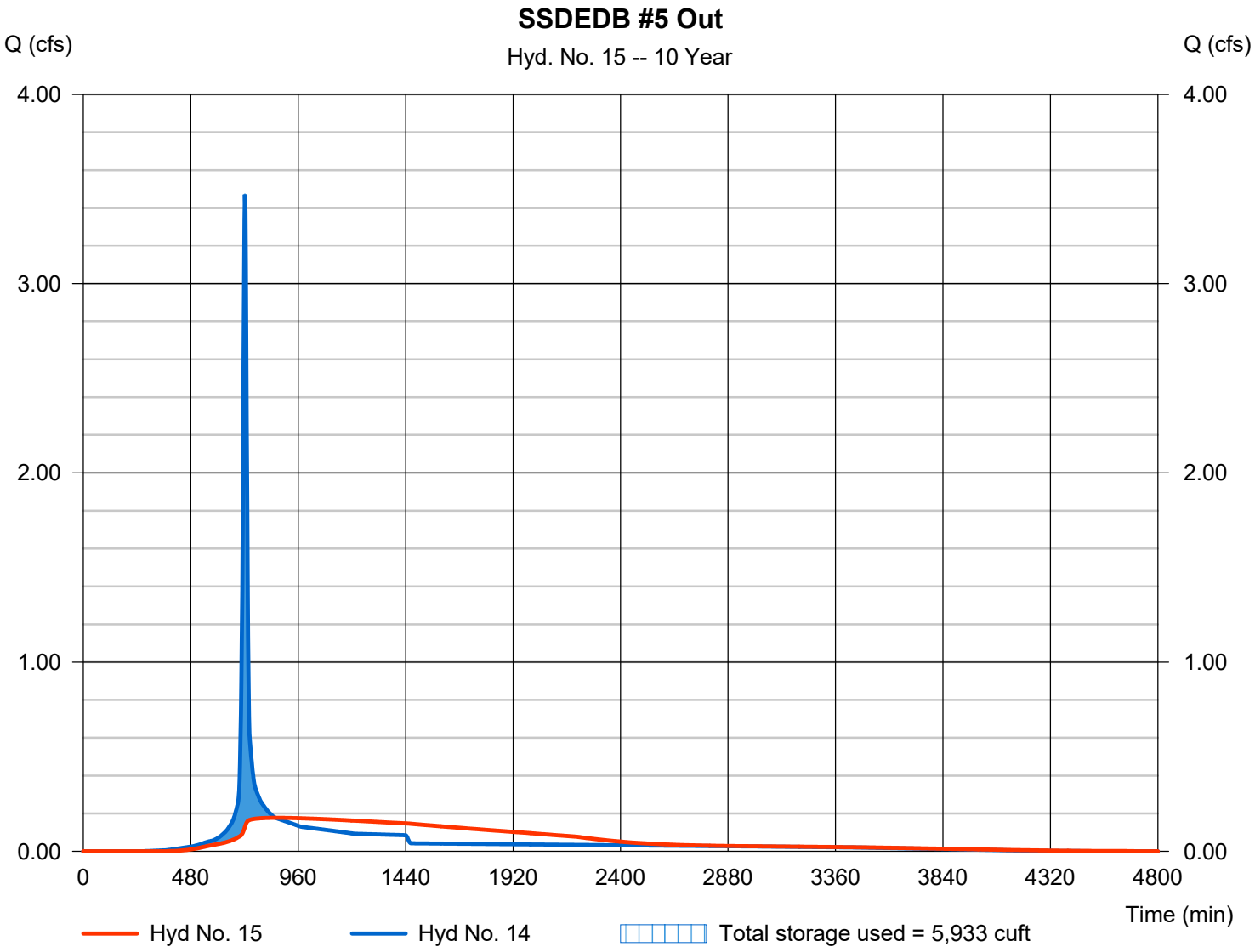
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.177 cfs
Storm frequency	=	10 yrs	Time to peak	=	858 min
Time interval	=	2 min	Hyd. volume	=	16,240 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	450.77 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	5,933 cuft

Storage Indication method used.



Hydrograph Report

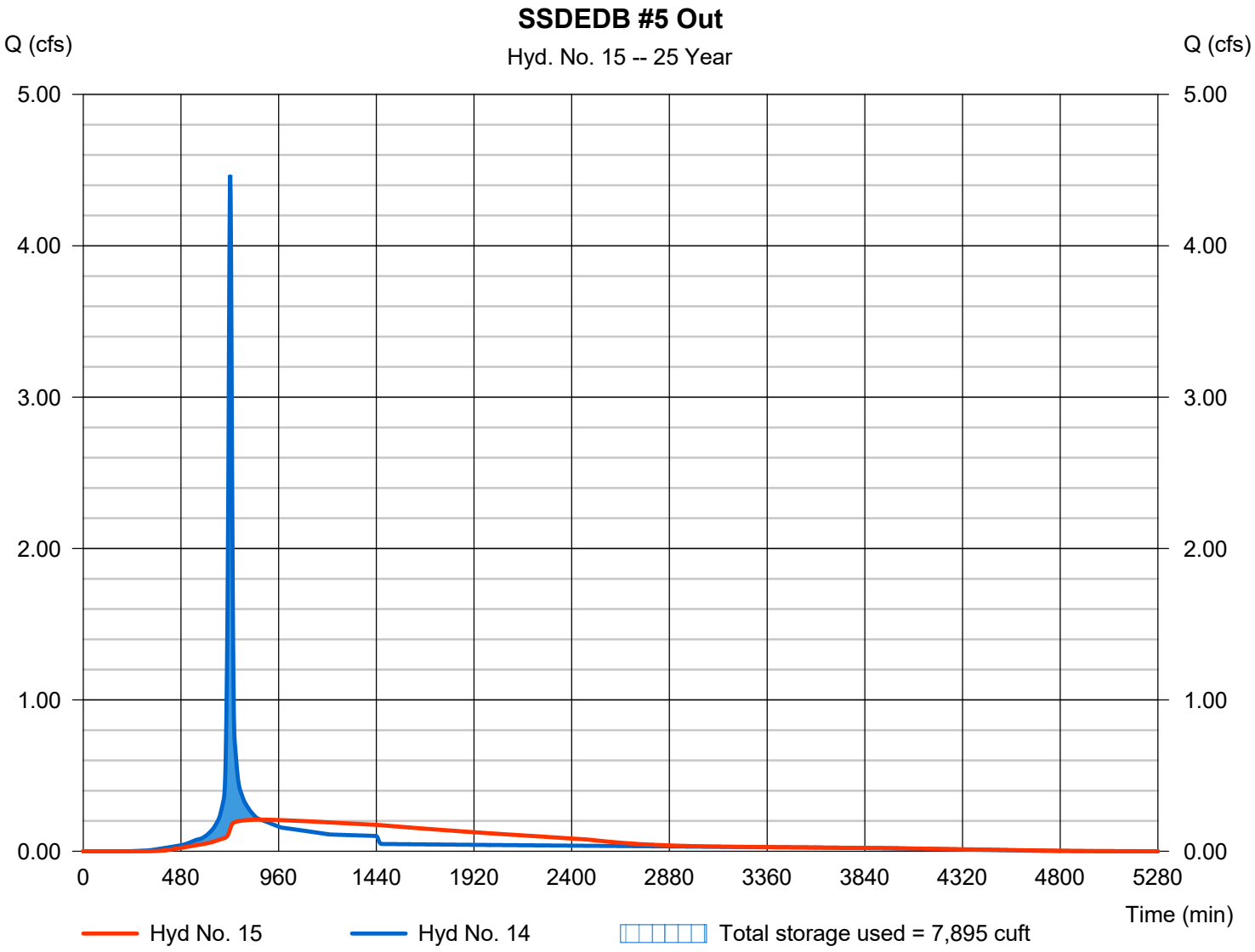
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.209 cfs
Storm frequency	=	25 yrs	Time to peak	=	872 min
Time interval	=	2 min	Hyd. volume	=	20,766 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	451.90 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	7,895 cuft

Storage Indication method used.



Hydrograph Report

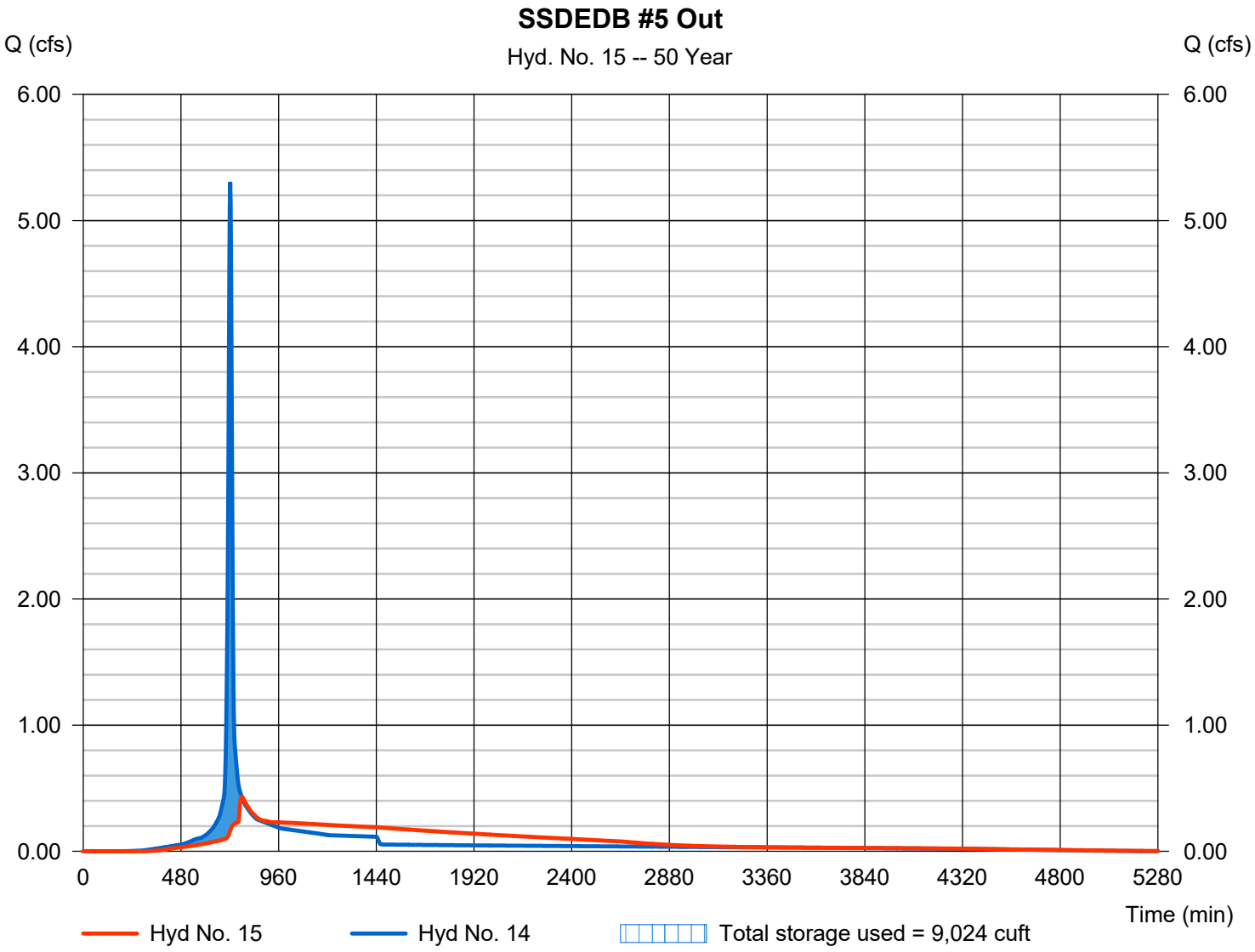
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.430 cfs
Storm frequency	=	50 yrs	Time to peak	=	780 min
Time interval	=	2 min	Hyd. volume	=	24,613 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	452.90 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	9,024 cuft

Storage Indication method used.



Hydrograph Report

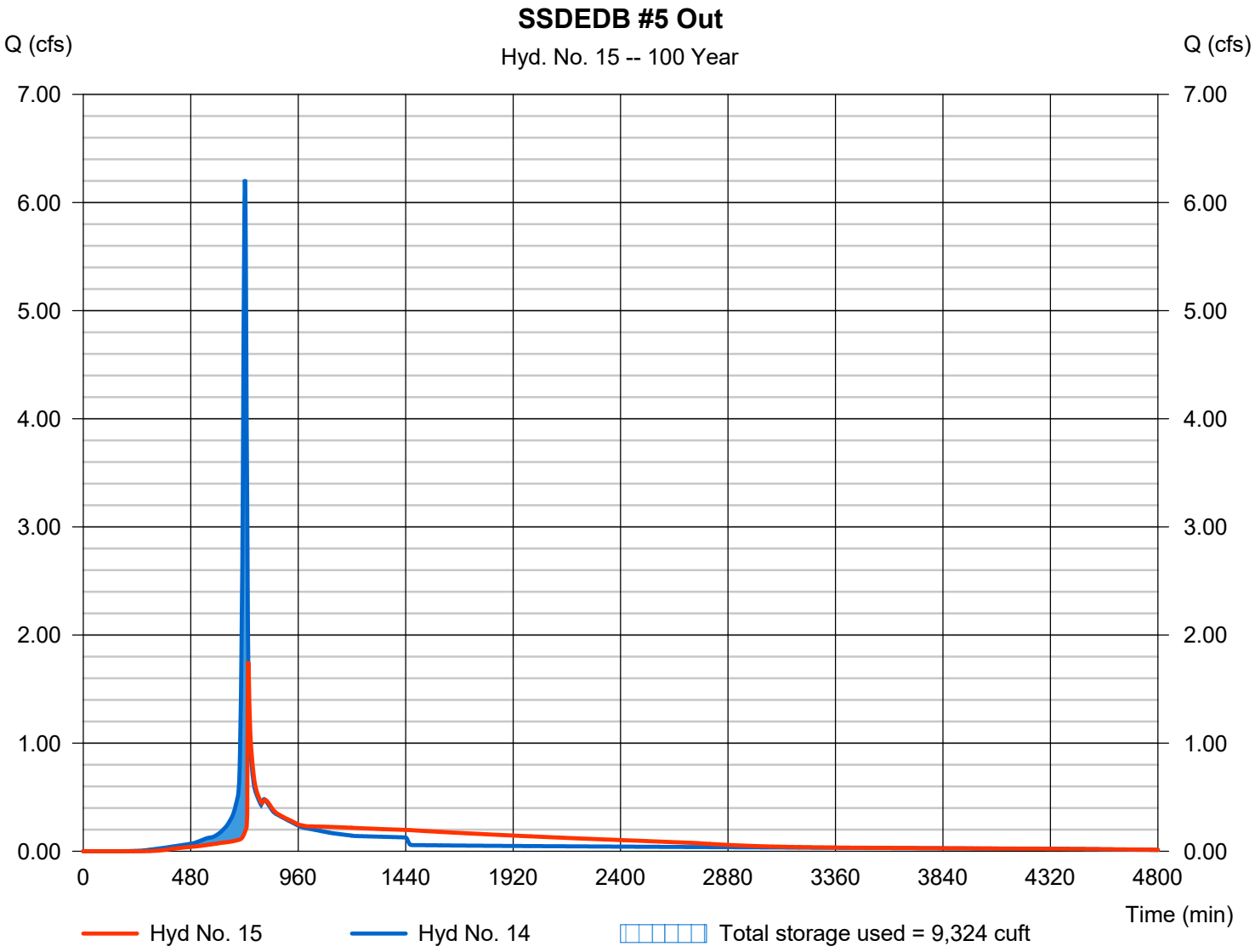
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	=	Reservoir	Peak discharge	=	1.740 cfs
Storm frequency	=	100 yrs	Time to peak	=	736 min
Time interval	=	2 min	Hyd. volume	=	28,823 cuft
Inflow hyd. No.	=	14 - SSDEDB #4 Out + SSDEDB #5 In	Max. Elevation	=	453.18 ft
Reservoir name	=	SSDEDB #5	Max. Storage	=	9,324 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #6

GROUND COVER	AREA (ACRES)	CN
WOODS	0.20	55
LAWNS	0.53	61
IMPERVIOUS	1.13	98

TOTAL 1.86

TR55 Tc Worksheet

Hyd. No. 16

SSDEDB #6 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.011		0.011		
Flow length (ft)	= 125.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 37.60		0.00		0.00		
Travel Time (min)	**= 7.89**	**+**	**0.00**	**+**	**0.00**	**=**	**7.89**
Shallow Concentrated Flow							
Flow length (ft)	= 243.00		0.00		0.00		
Watercourse slope (%)	= 10.70		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=5.28		0.00		0.00		
Travel Time (min)	**= 0.77**	**+**	**0.00**	**+**	**0.00**	**=**	**0.77**
Channel Flow							
X sectional flow area (sqft)	= 1.23		1.23		1.23		
Wetted perimeter (ft)	= 3.93		3.93		3.93		
Channel slope (%)	= 0.50		1.00		2.75		
Manning's n-value	= 0.012		0.012		0.012		
Velocity (ft/s)	=4.03						
			5.70				
					9.46		
Flow length (ft)	({0})88.0		91.0		55.0		
Travel Time (min)	**= 0.36**	**+**	**0.27**	**+**	**0.10**	**=**	**0.73**

Total Travel Time, Tc ..... 9.40 min

Hydrograph Report

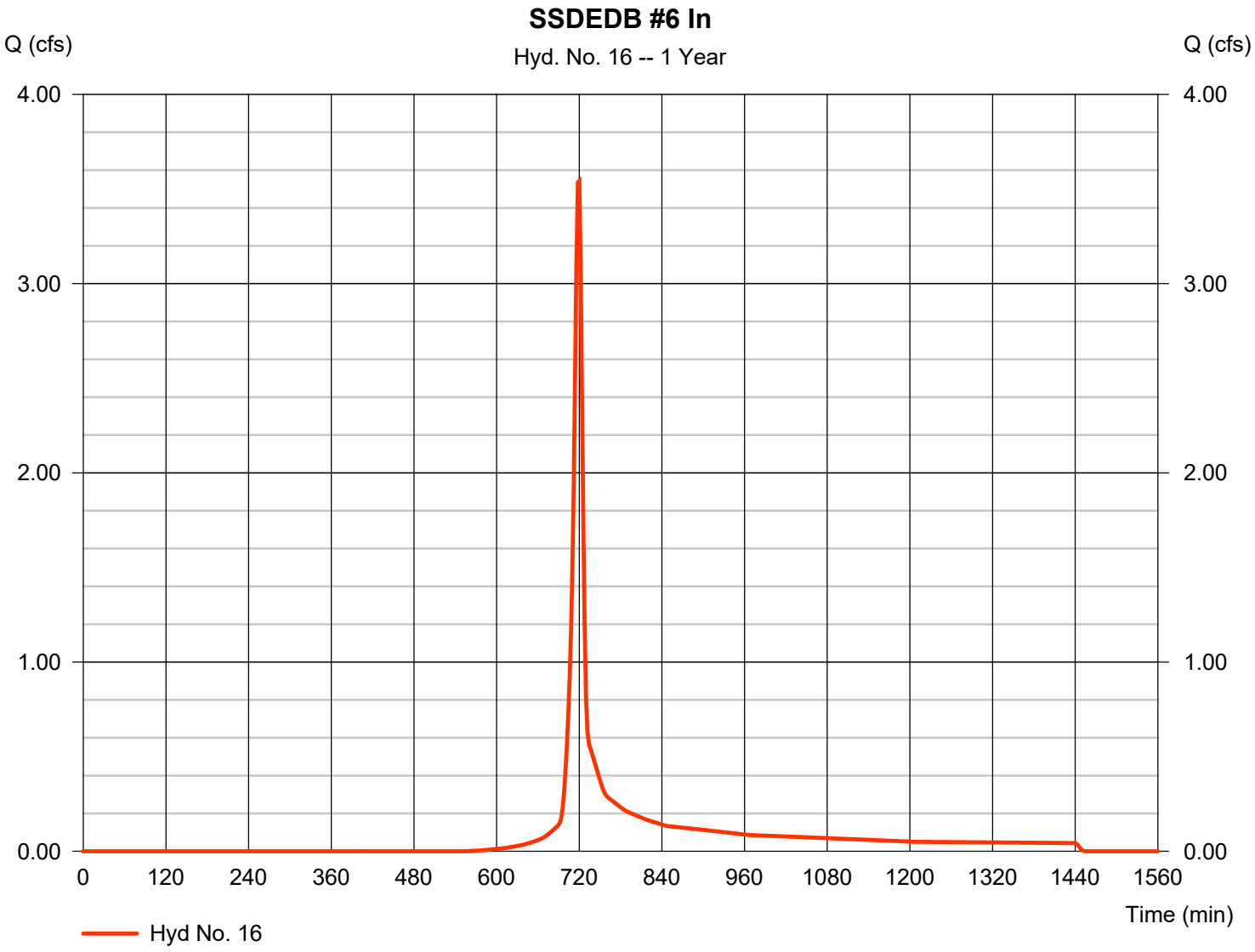
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.542 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 8,111 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

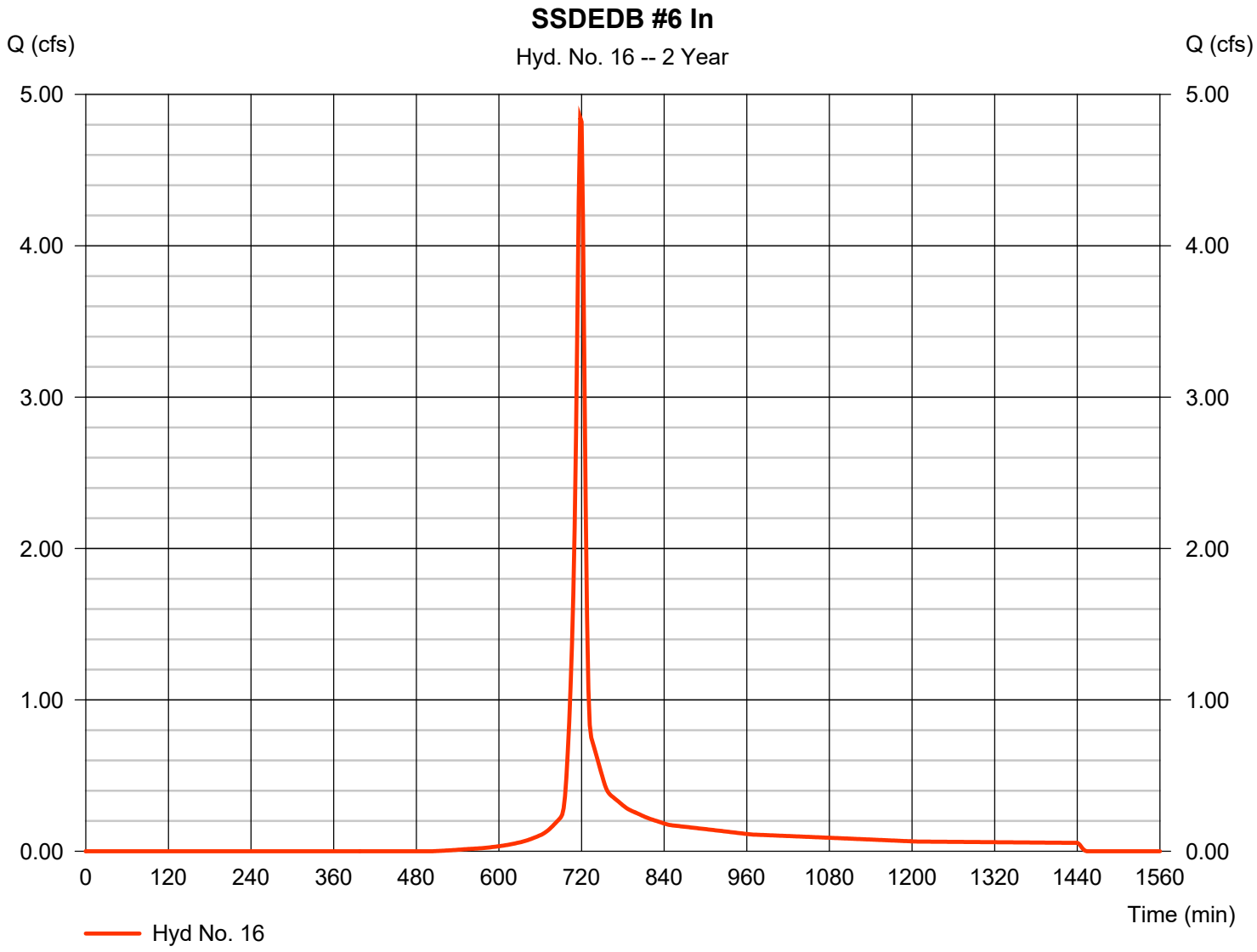
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.847 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 11,087 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

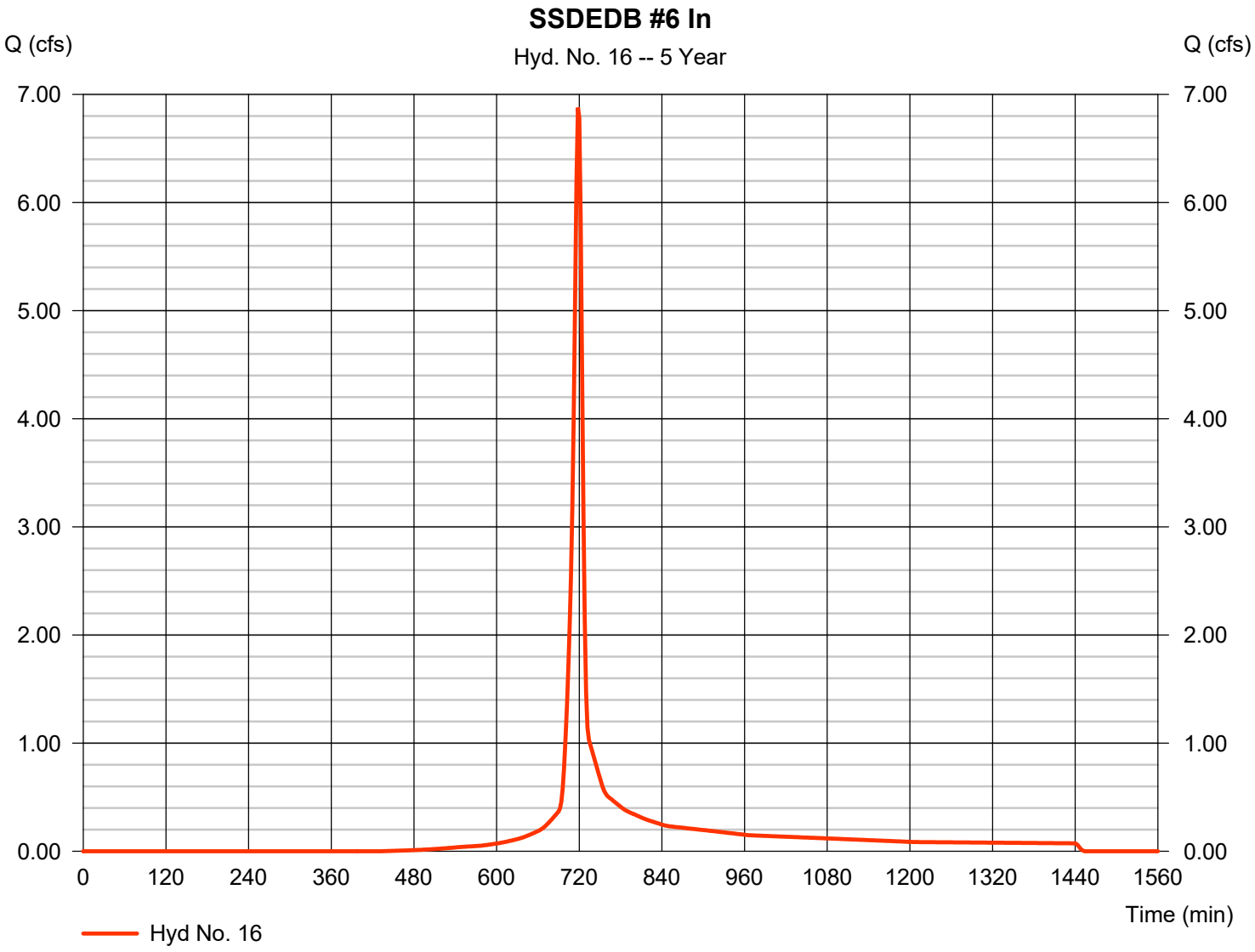
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 6.878 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 15,788 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

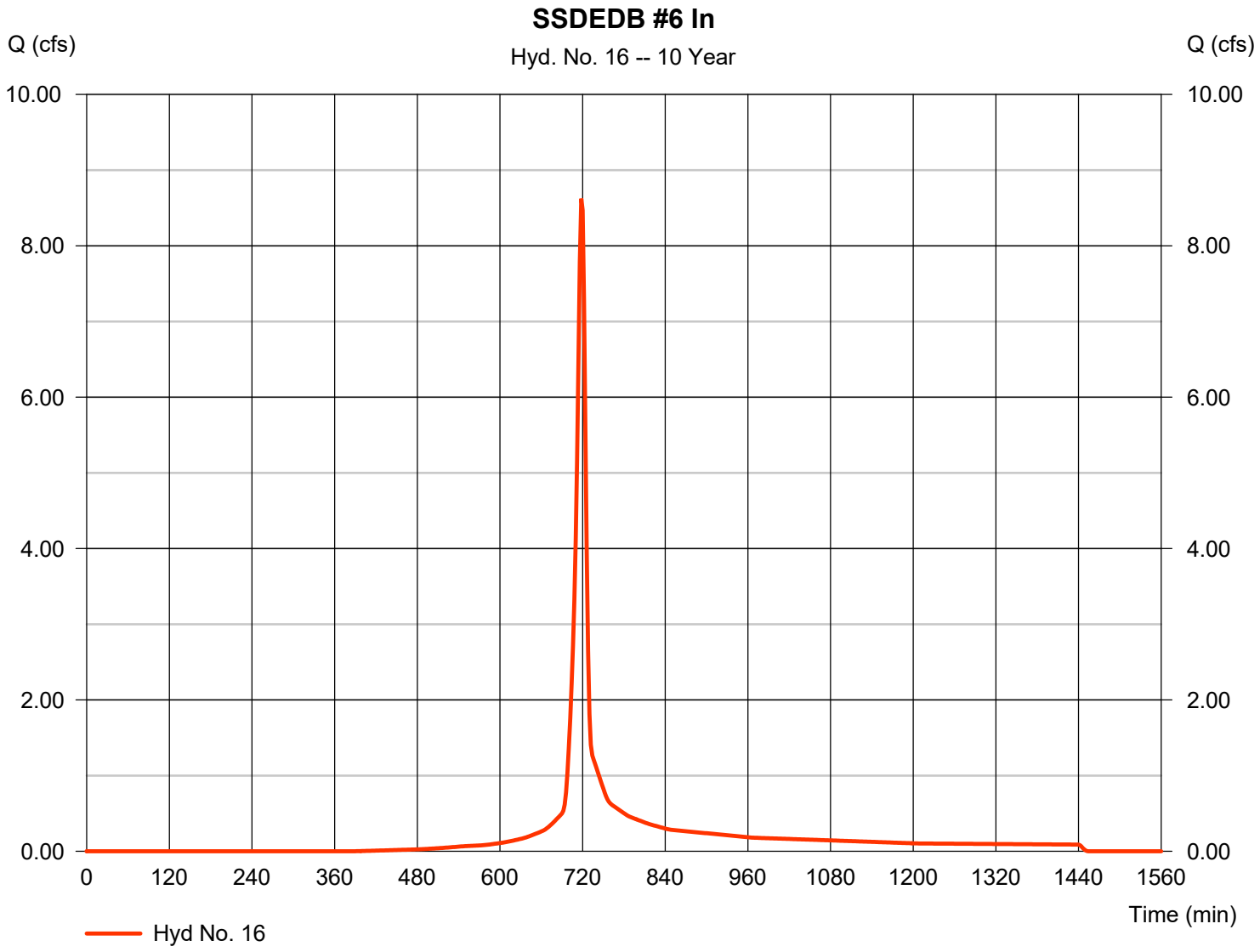
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 8.624 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 19,910 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

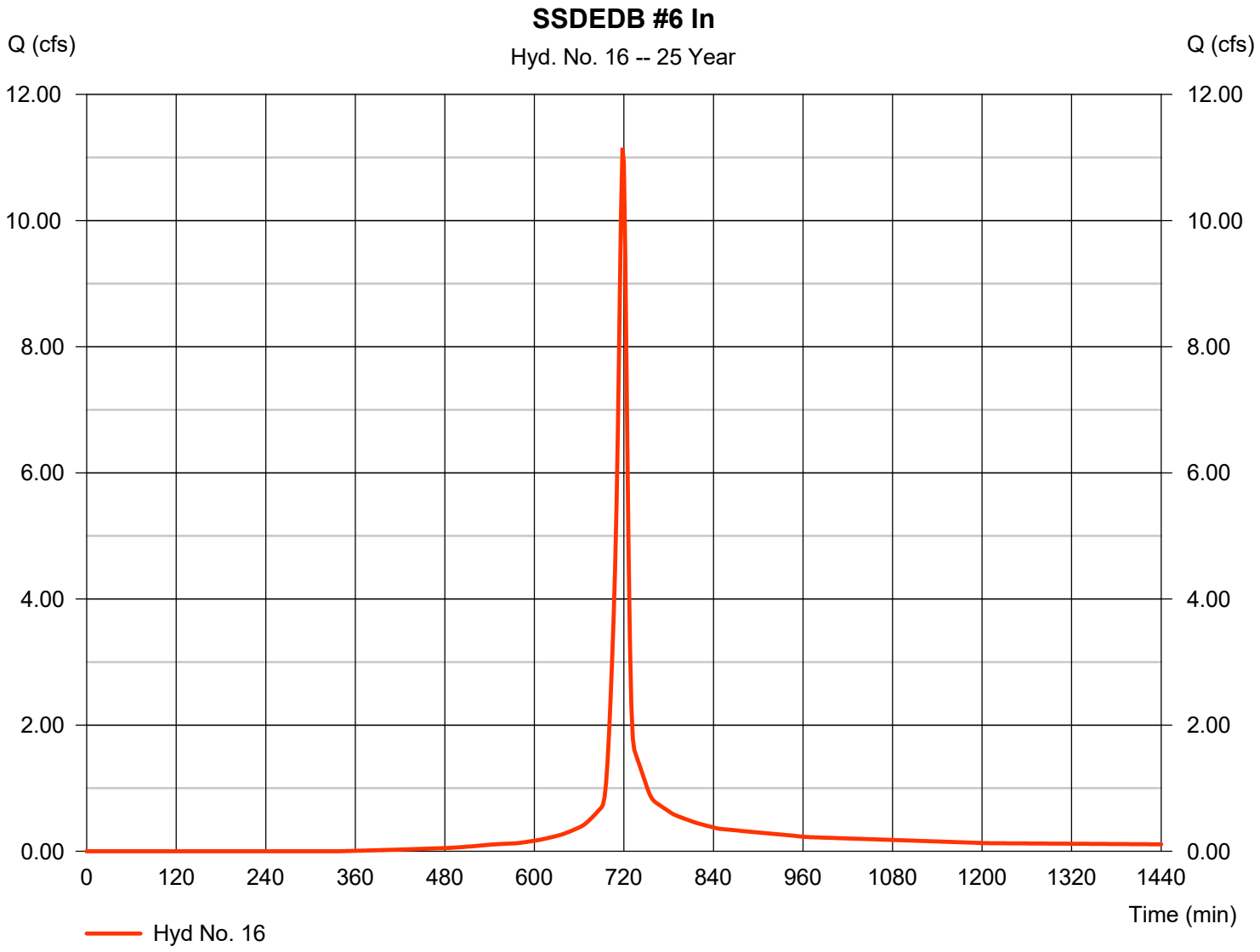
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 11.15 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 25,999 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

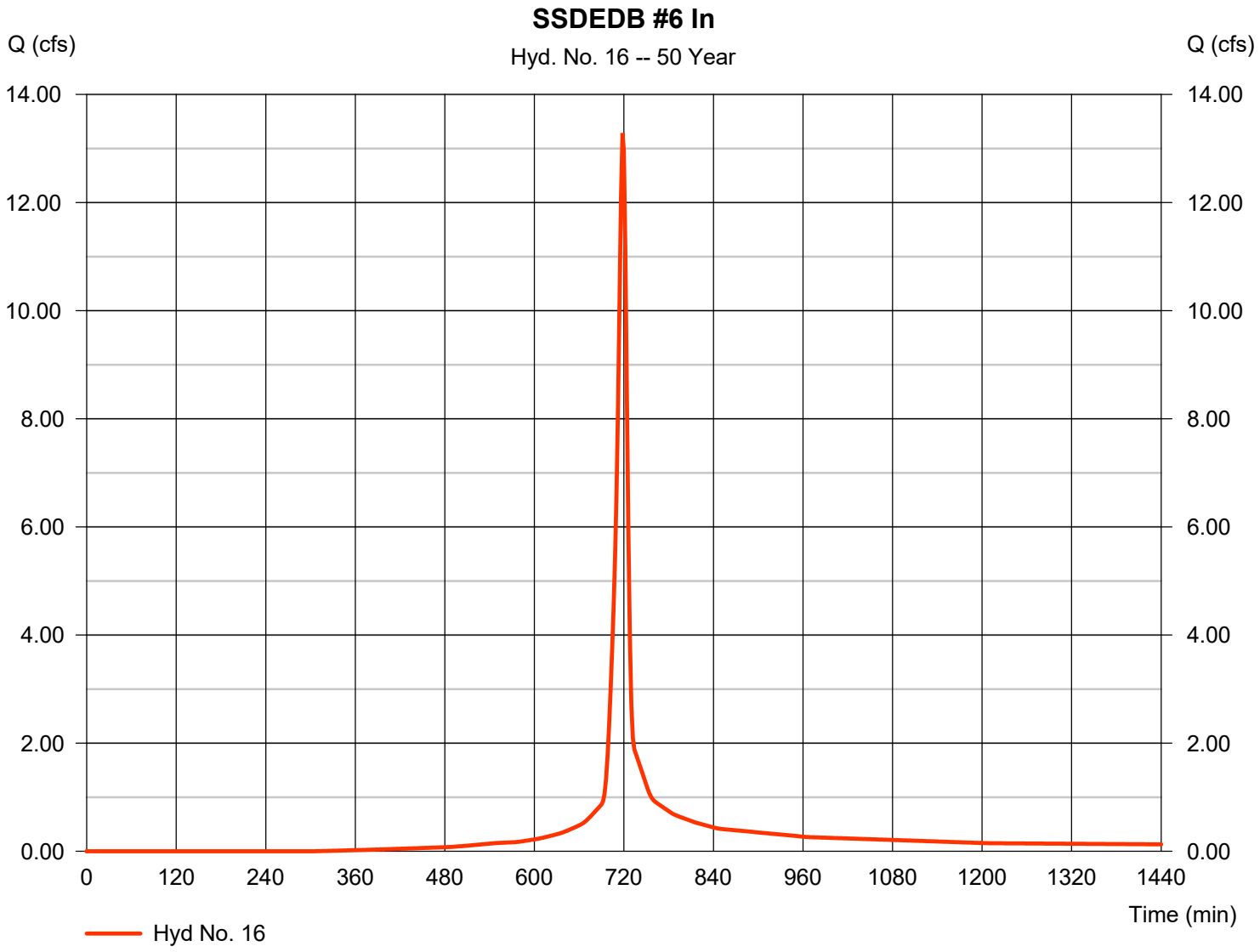
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 13.28 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 31,215 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



Hydrograph Report

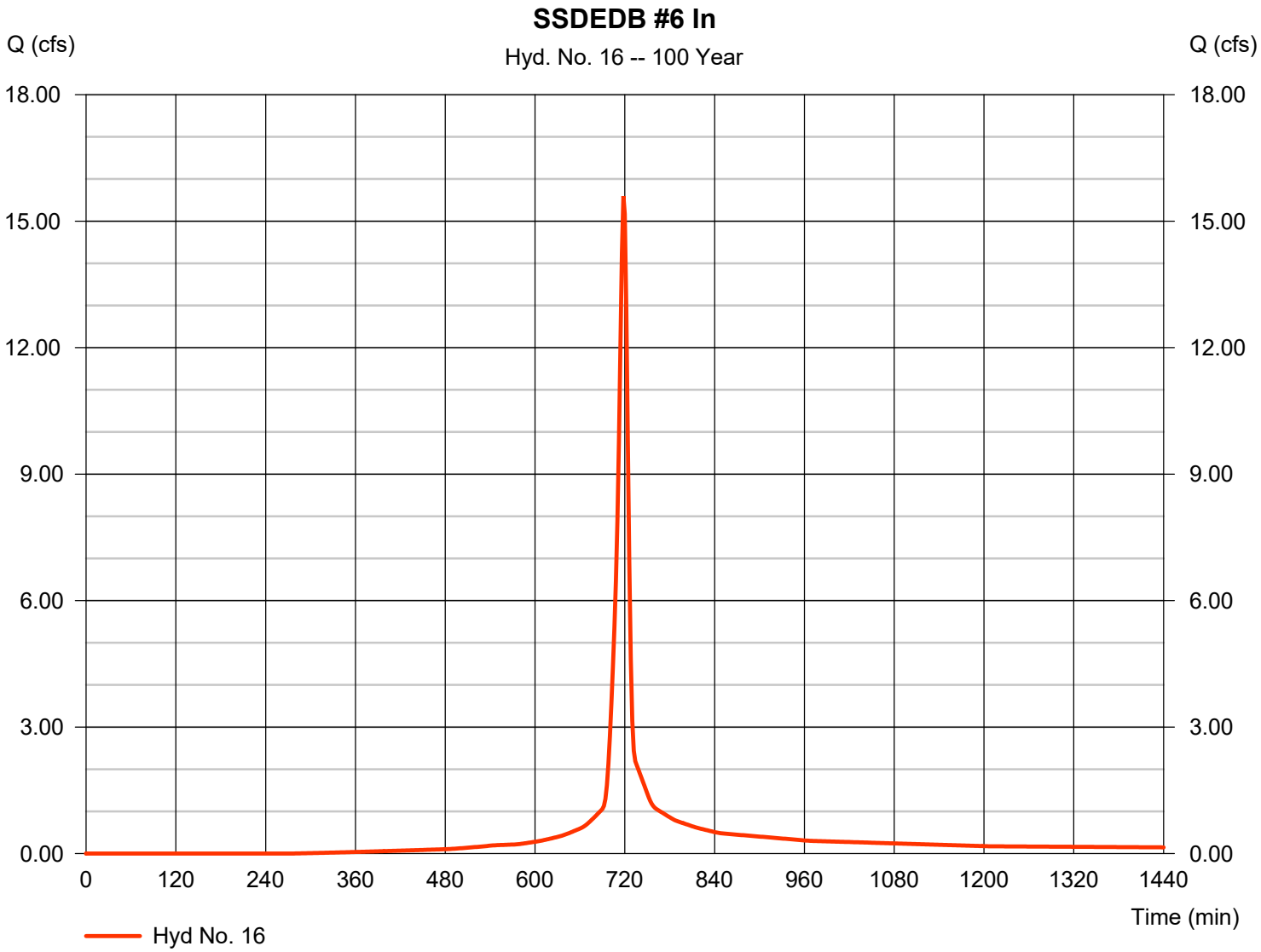
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #6 In

Hydrograph type	= SCS Runoff	Peak discharge	= 15.59 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 36,951 cuft
Drainage area	= 1.860 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.40 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.200 x 55) + (0.530 x 61) + (1.130 x 98)] / 1.860



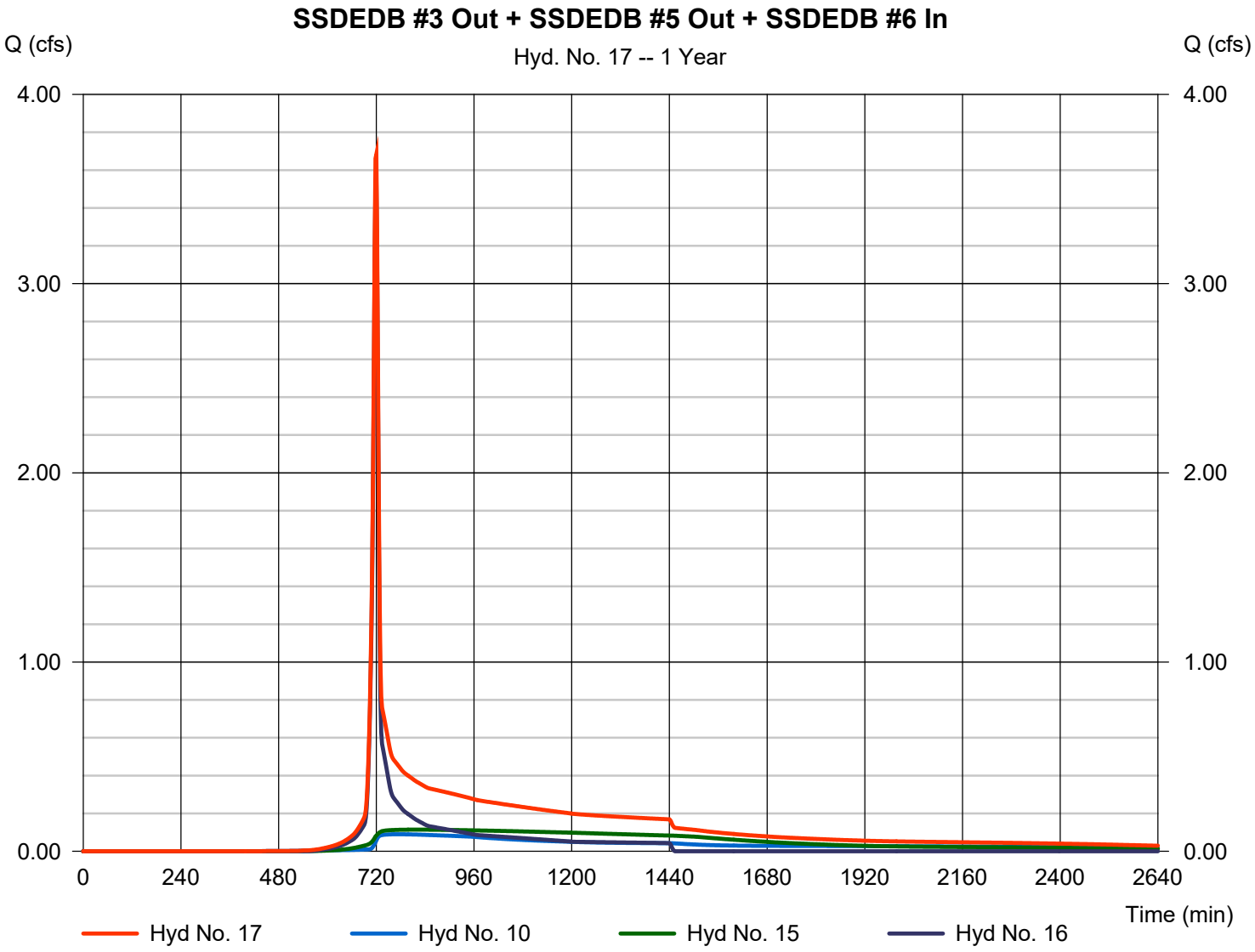
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 3.683 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 20,333 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



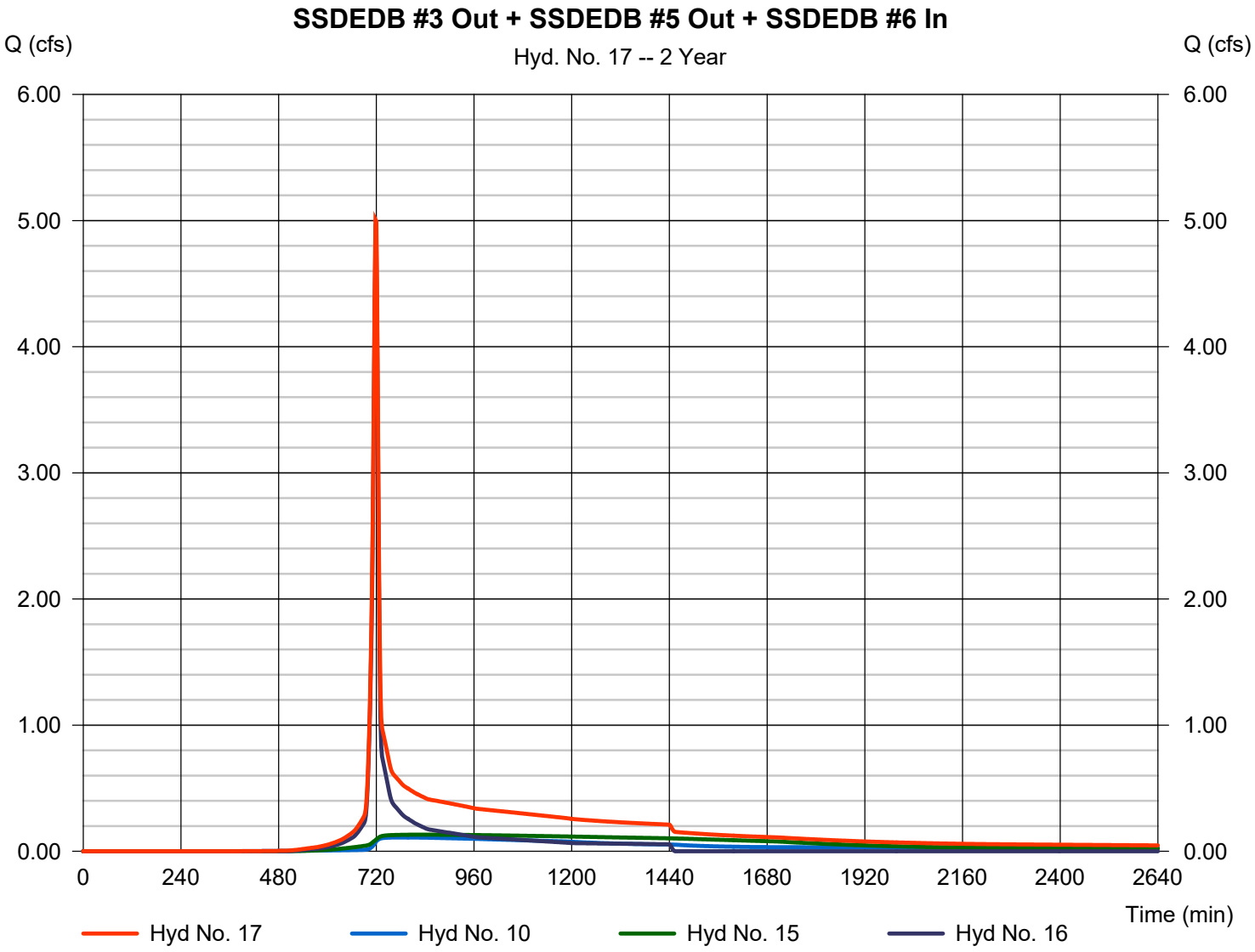
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 5.006 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 27,612 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



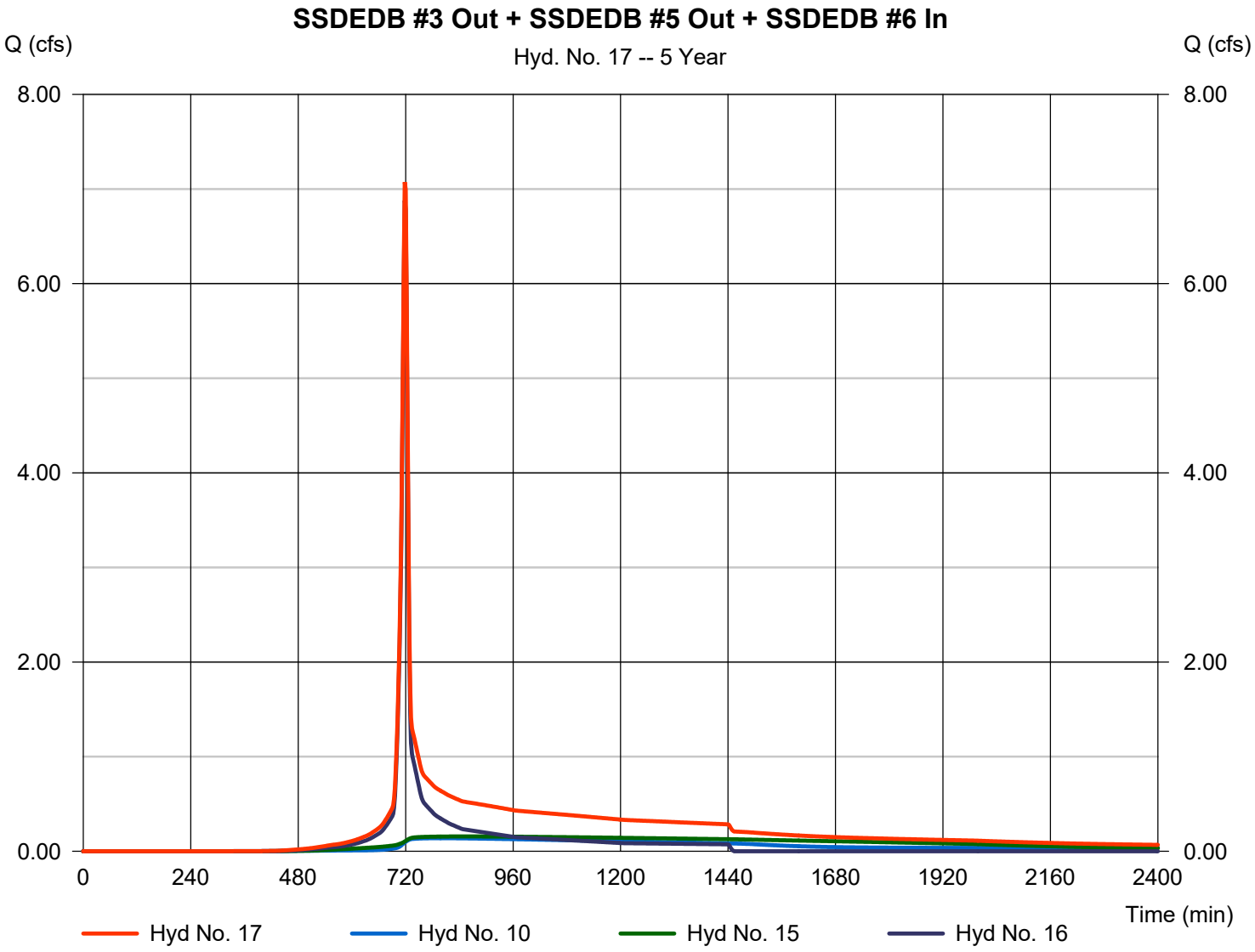
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 7.073 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 39,137 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



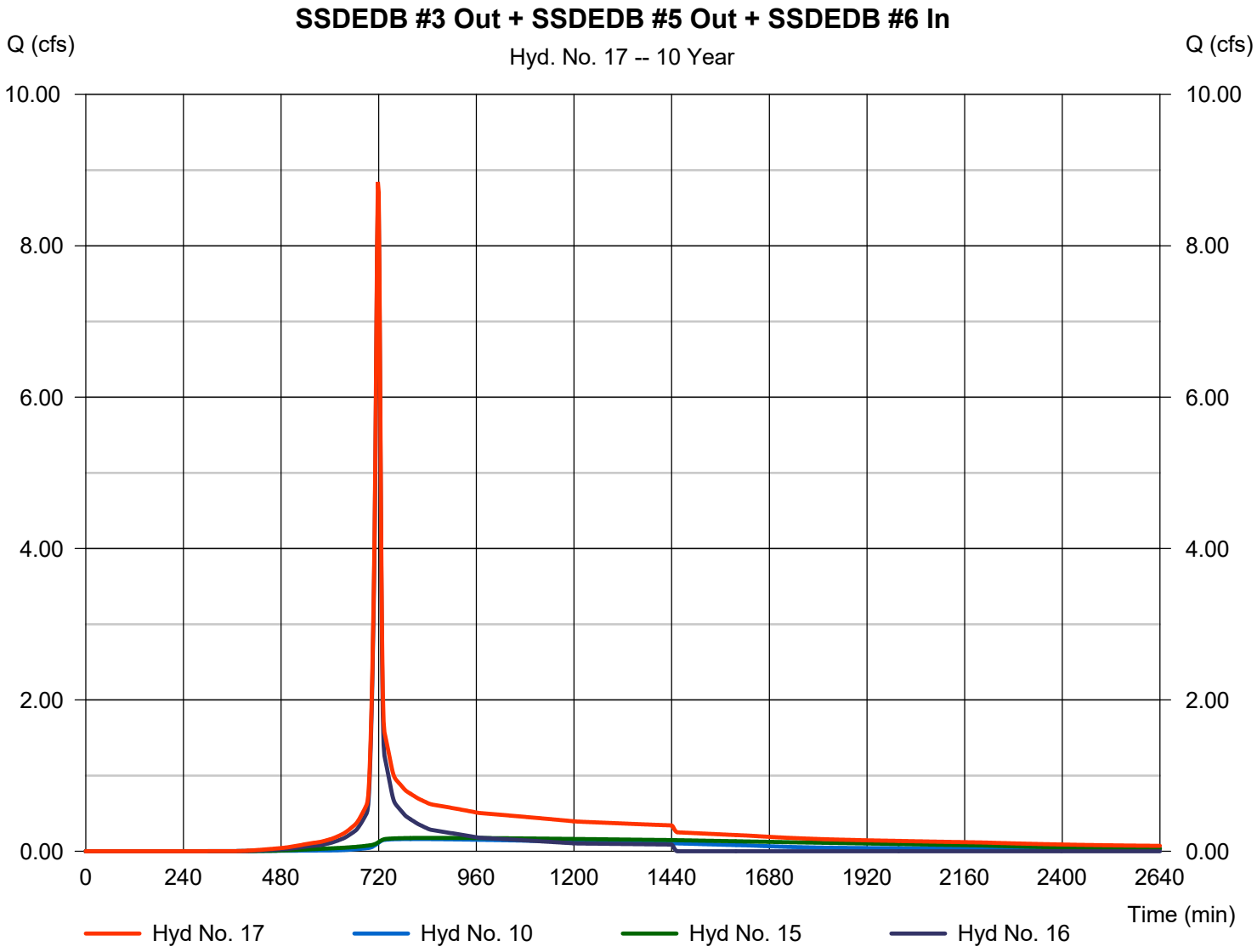
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 8.845 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 49,269 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



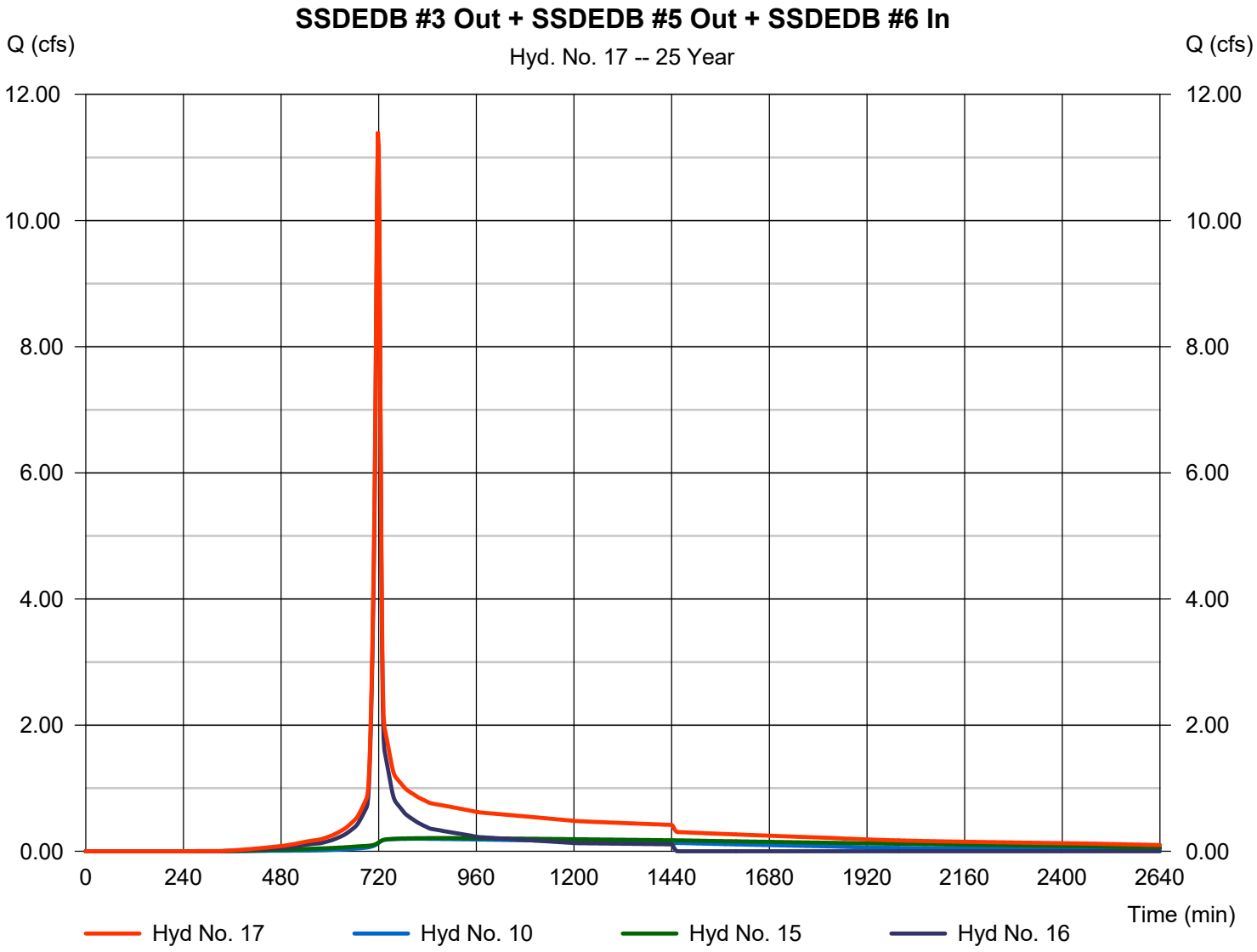
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 11.41 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 64,274 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



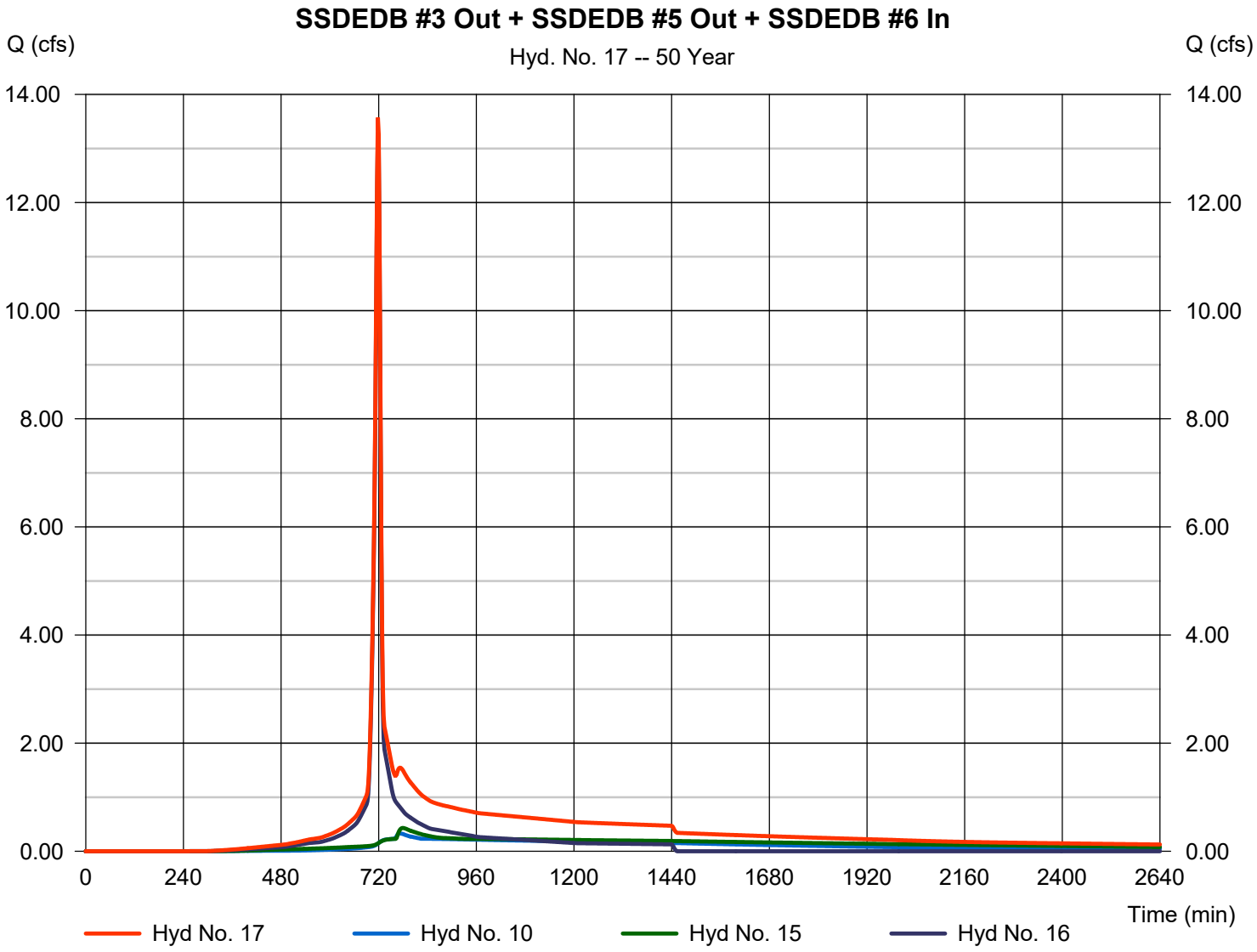
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 13.57 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 77,119 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



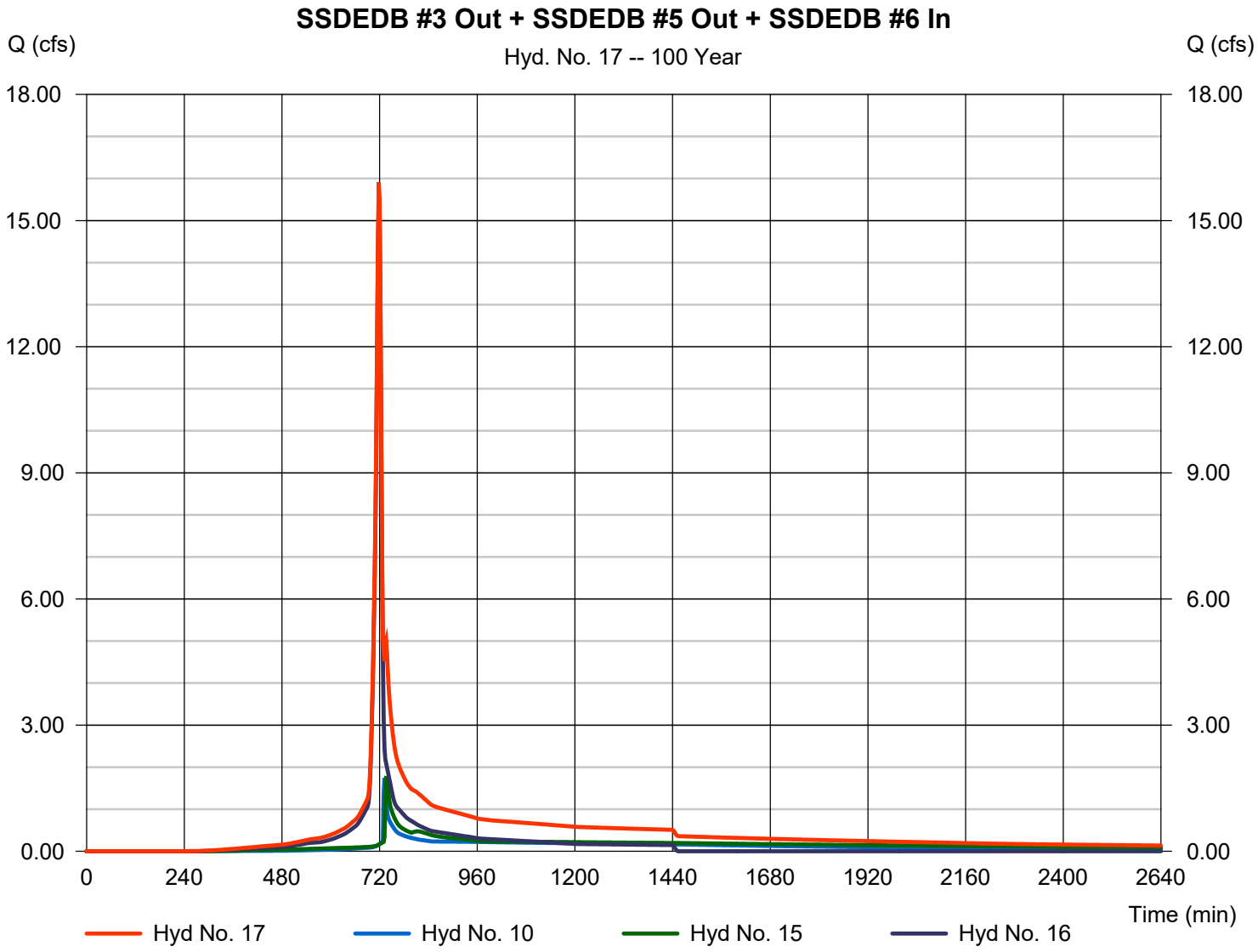
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 In

Hydrograph type	= Combine	Peak discharge	= 15.91 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 90,993 cuft
Inflow hyds.	= 10, 15, 16	Contrib. drain. area	= 1.860 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #6

		Volume for One Chamber			# of Chambers 48	Volume for One End Cap			# of End Caps 12	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	446.8500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	446.9333	1.71	0.00	1.71	82.08	0.56	0.00	0.56	6.72	88.80
2	447.0167	1.71	0.00	3.42	164.16	0.58	0.00	1.14	13.68	177.84
3	447.1000	1.72	0.00	5.14	246.72	0.57	0.00	1.71	20.52	267.24
4	447.1833	1.71	0.00	6.85	328.80	0.57	0.00	2.28	27.36	356.16
5	447.2667	1.71	0.00	8.56	410.88	0.57	0.00	2.85	34.20	445.08
6	447.3500	1.71	0.00	10.27	492.96	0.57	0.00	3.42	41.04	534.00
7	447.4333	1.71	0.00	11.98	575.04	0.57	0.00	3.99	47.88	622.92
8	447.5167	1.72	0.00	13.70	657.60	0.56	0.00	4.55	54.60	712.20
9	447.6000	1.71	0.00	15.41	739.68	0.57	0.00	5.12	61.44	801.12
10	447.6833	0.30	3.51	19.22	922.56	0.32	0.63	6.07	72.84	995.40
11	447.7667	0.33	3.47	23.02	1104.96	0.32	0.63	7.02	84.24	1189.20
12	447.8500	0.33	3.46	26.81	1286.88	0.32	0.62	7.96	95.52	1382.40
13	447.9333	0.33	3.44	30.58	1467.84	0.33	0.61	8.90	106.80	1574.64
14	448.0167	0.35	3.41	34.34	1648.32	0.32	0.61	9.83	117.96	1766.28
15	448.1000	0.35	3.40	38.09	1828.32	0.33	0.60	10.76	129.12	1957.44
16	448.1833	0.38	3.36	41.83	2007.84	0.33	0.60	11.69	140.28	2148.12
17	448.2667	0.36	3.35	45.54	2185.92	0.34	0.58	12.61	151.32	2337.24
18	448.3500	0.39	3.32	49.25	2364.00	0.33	0.58	13.52	162.24	2526.24
19	448.4333	0.39	3.29	52.93	2540.64	0.34	0.57	14.43	173.16	2713.80
20	448.5167	0.41	3.26	56.60	2716.80	0.35	0.56	15.34	184.08	2900.88
21	448.6000	0.42	3.23	60.25	2892.00	0.36	0.54	16.24	194.88	3086.88
22	448.6833	0.43	3.20	63.88	3066.24	0.35	0.54	17.13	205.56	3271.80
23	448.7667	0.46	3.16	67.50	3240.00	0.36	0.52	18.01	216.12	3456.12
24	448.8500	0.46	3.13	71.09	3412.32	0.36	0.51	18.88	226.56	3638.88
25	448.9333	0.46	3.10	74.65	3583.20	0.38	0.49	19.75	237.00	3820.20
26	449.0167	0.50	3.05	78.20	3753.60	0.38	0.48	20.61	247.32	4000.92
27	449.1000	0.51	3.01	81.72	3922.56	0.38	0.46	21.45	257.40	4179.96
28	449.1833	0.52	2.97	85.21	4090.08	0.39	0.45	22.29	267.48	4357.56
29	449.2667	0.54	2.93	88.68	4256.64	0.40	0.43	23.12	277.44	4534.08
30	449.3500	0.57	2.87	92.12	4421.76	0.40	0.41	23.93	287.16	4708.92
31	449.4333	0.57	2.83	95.52	4584.96	0.42	0.39	24.74	296.88	4881.84
32	449.5167	0.61	2.77	98.90	4747.20	0.42	0.37	25.53	306.36	5053.56
33	449.6000	0.62	2.72	102.24	4907.52	0.42	0.35	26.30	315.60	5223.12
34	449.6833	0.65	2.65	105.54	5065.92	0.45	0.33	27.08	324.96	5390.88
35	449.7667	0.67	2.60	108.81	5222.88	0.44	0.32	27.84	334.08	5556.96
36	449.8500	0.71	2.52	112.04	5377.92	0.45	0.29	28.58	342.96	5720.88
37	449.9333	0.73	2.46	115.23	5531.04	0.46	0.27	29.31	351.72	5882.76
38	450.0167	0.75	2.39	118.37	5681.76	0.46	0.26	30.03	360.36	6042.12
39	450.1000	0.80	2.30	121.47	5830.56	0.48	0.24	30.75	369.00	6199.56
40	450.1833	0.81	2.23	124.51	5976.48	0.49	0.21	31.45	377.40	6353.88
41	450.2667	0.87	2.13	127.51	6120.48	0.48	0.20	32.13	385.56	6506.04
42	450.3500	0.89	2.04	130.44	6261.12	0.50	0.18	32.81	393.72	6654.84
43	450.4333	0.94	1.94	133.32	6399.36	0.51	0.16	33.48	401.76	6801.12
44	450.5167	0.98	1.83	136.13	6534.24	0.51	0.14	34.13	409.56	6943.80
45	450.6000	1.02	1.71	138.86	6665.28	0.52	0.12	34.77	417.24	7082.52
46	450.6833	1.09	1.57	141.52	6792.96	0.53	0.10	35.40	424.80	7217.76
47	450.7667	1.15	1.42	144.09	6916.32	0.53	0.09	36.02	432.24	7348.56
48	450.8500	1.21	1.25	146.55	7034.40	0.55	0.07	36.64	439.68	7474.08
49	450.9333	1.30	1.03	148.88	7146.24	0.55	0.05	37.24	446.88	7593.12
50	451.0167	1.43	0.69	151.00	7248.00	0.55	0.04	37.83	453.96	7701.96
51	451.1000	1.55	0.40	152.95	7341.60	0.56	0.02	38.41	460.92	7802.52
52	451.1833	1.60	0.29	154.84	7432.32	0.57	0.01	38.99	467.88	7900.20
53	451.2667	1.63	0.20	156.67	7520.16	0.56	0.01	39.56	474.72	7994.88
54	451.3500	1.69	0.06	158.42	7604.16	0.57	0.00	40.13	481.56	8085.72
55	451.4333	1.71	0.00	160.13	7686.24	0.57	0.00	40.70	488.40	8174.64
56	451.5167	1.71	0.00	161.84	7768.32	0.57	0.00	41.27	495.24	8263.56
57	451.6000	1.71	0.00	163.55	7850.40	0.57	0.00	41.84	502.08	8352.48
58	451.6833	1.72	0.00	165.27	7932.96	0.57	0.00	42.41	508.92	8441.88
59	451.7667	1.71	0.00	166.98	8015.04	0.57	0.00	42.98	515.76	8530.80
60	451.8500	1.71	0.00	168.69	8097.12	0.56	0.00	43.54	522.48	8619.60
61	451.9333	1.71	0.00	170.40	8179.20	0.57	0.00	44.11	529.32	8708.52
62	452.0167	1.71	0.00	172.11	8261.28	0.57	0.00	44.68	536.16	8797.44
63	452.1000	1.72	0.00	173.83	8343.84	0.57	0.00	45.25	543.00	8886.84
64	452.1833	1.71	0.00	175.54	8425.92	0.57	0.00	45.82	549.84	8975.76
65	452.2667	1.71	0.00	177.25	8508.00	0.57	0.00	46.39	556.68	9064.68
66	452.3500	1.71	0.00	178.96	8590.08	0.57	0.00	46.96	563.52	9153.60

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 6 - SSDEDB #6

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	446.85	n/a	0	0
0.33	447.18	n/a	356	356
0.67	447.52	n/a	356	712
1.00	447.85	n/a	670	1,382
1.33	448.18	n/a	766	2,148
1.67	448.52	n/a	753	2,901
2.00	448.85	n/a	738	3,639
2.33	449.18	n/a	719	4,358
2.67	449.52	n/a	696	5,054
3.00	449.85	n/a	667	5,721
3.33	450.18	n/a	633	6,354
3.67	450.52	n/a	590	6,944
4.00	450.85	n/a	530	7,474
4.33	451.18	n/a	426	7,900
4.67	451.52	n/a	363	8,264
5.00	451.85	n/a	356	8,620
5.33	452.18	n/a	356	8,976
5.50	452.35	n/a	178	9,154

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	2.00	0.00	0.00
Span (in)	= 24.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 446.85	446.85	0.00	0.00
Length (ft)	= 82.00	0.00	0.00	0.00
Slope (%)	= 1.79	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 450.60	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	446.85	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	356	447.18	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
0.67	712	447.52	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.078
1.00	1,382	447.85	0.11 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	2,148	448.18	0.12 ic	0.12 ic	---	---	0.00	---	---	---	---	---	0.115
1.67	2,901	448.52	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.130
2.00	3,639	448.85	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.143
2.33	4,358	449.18	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.155
2.67	5,054	449.52	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	5,721	449.85	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.177
3.33	6,354	450.18	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.187
3.67	6,944	450.52	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	7,474	450.85	1.07 ic	0.20 ic	---	---	0.83	---	---	---	---	---	1.029
4.33	7,900	451.18	3.16 ic	0.20 ic	---	---	2.96	---	---	---	---	---	3.163
4.67	8,264	451.52	6.06 ic	0.20 ic	---	---	5.84	---	---	---	---	---	6.040
5.00	8,620	451.85	9.54 ic	0.20 ic	---	---	9.30	---	---	---	---	---	9.501
5.33	8,976	452.18	13.48 ic	0.20 ic	---	---	13.26	---	---	---	---	---	13.46
5.50	9,154	452.35	15.61 ic	0.19 ic	---	---	15.42	---	---	---	---	---	15.61

Hydrograph Report

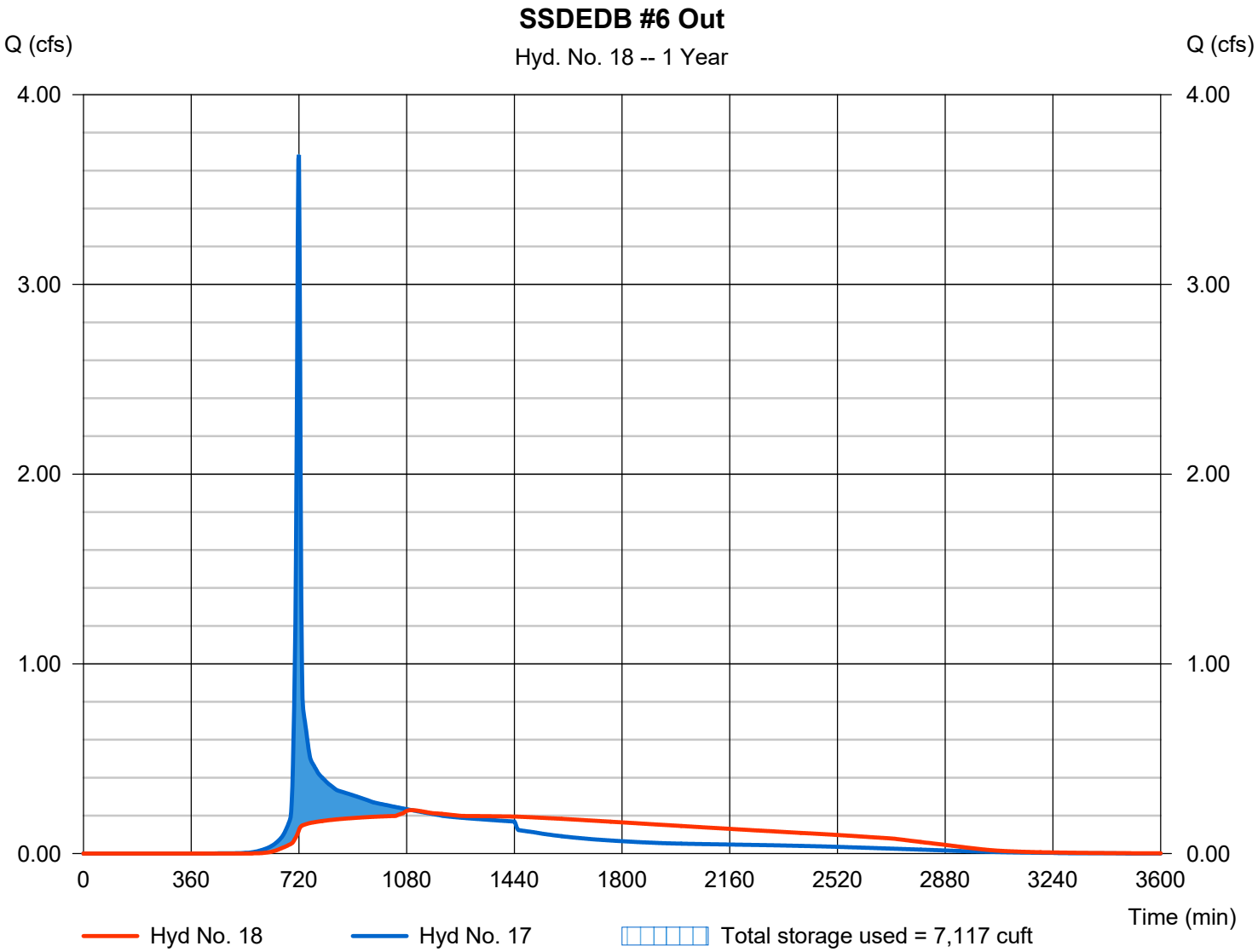
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.229 cfs
Storm frequency	=	1 yrs	Time to peak	=	1096 min
Time interval	=	2 min	Hyd. volume	=	20,315 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	450.63 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	7,117 cuft

Storage Indication method used.



Hydrograph Report

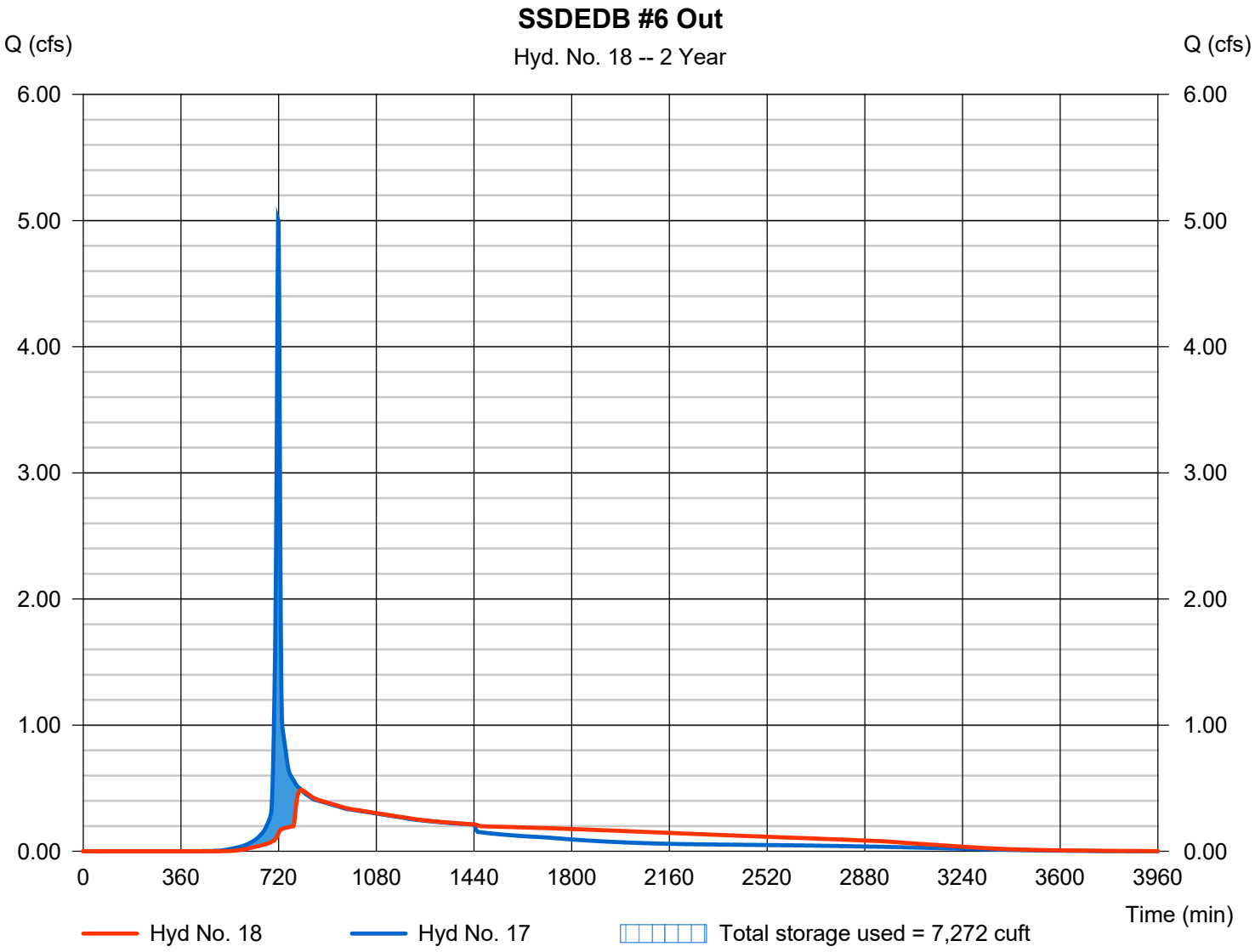
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.486 cfs
Storm frequency	=	2 yrs	Time to peak	=	802 min
Time interval	=	2 min	Hyd. volume	=	27,594 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	150.72 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	7,272 cuft

Storage Indication method used.



Hydrograph Report

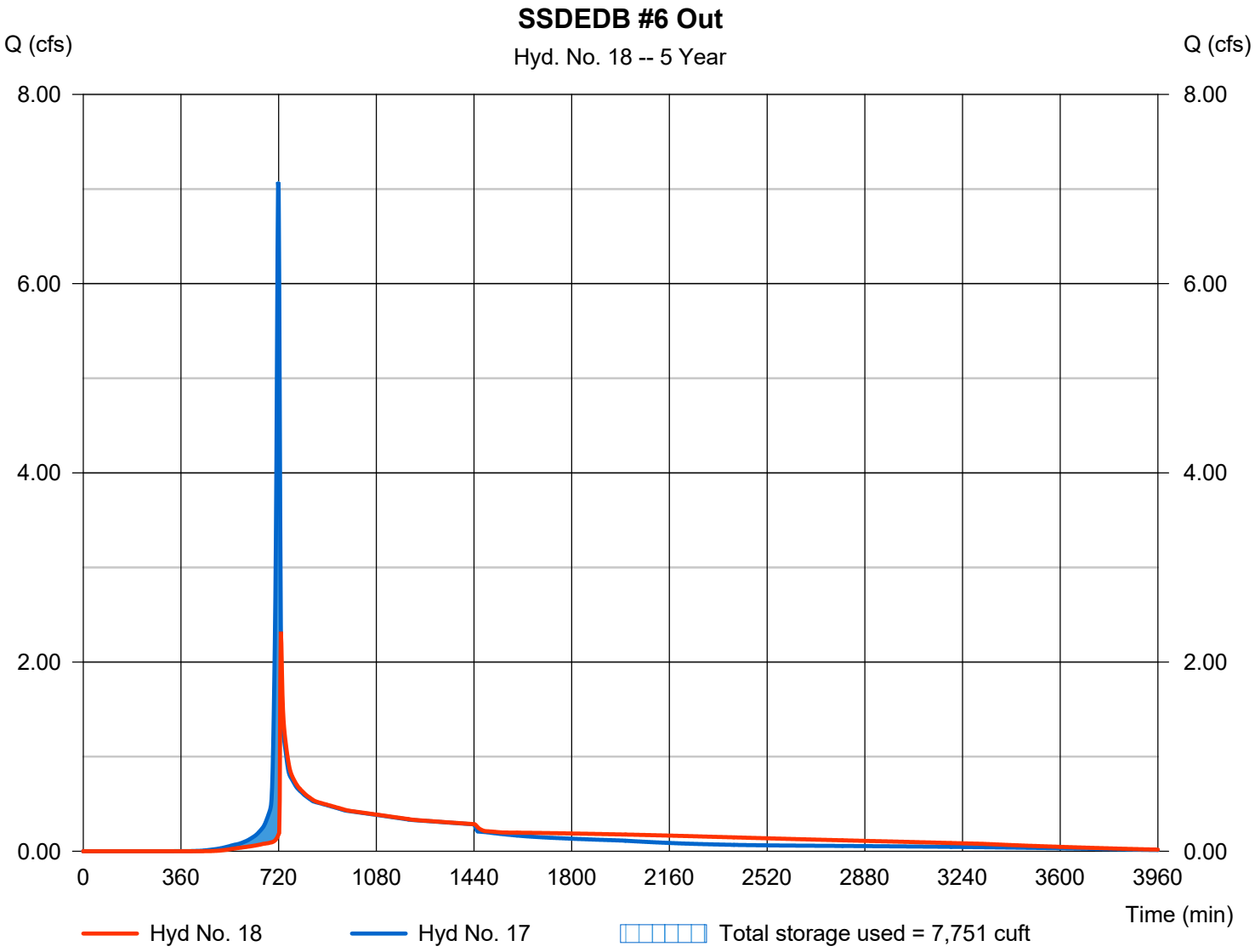
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	2.321 cfs
Storm frequency	=	5 yrs	Time to peak	=	728 min
Time interval	=	2 min	Hyd. volume	=	39,119 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	451.07 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	7,751 cuft

Storage Indication method used.



Hydrograph Report

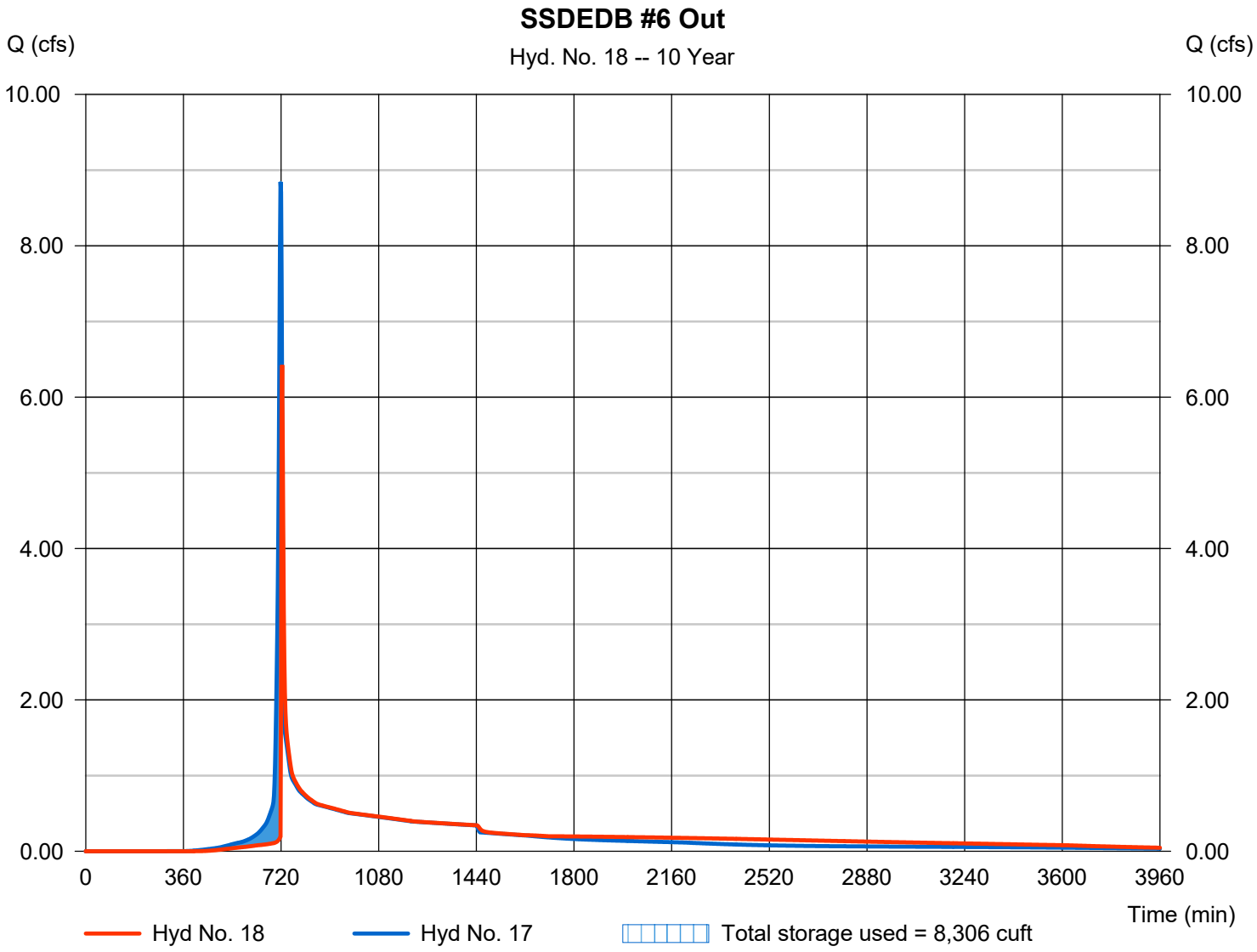
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	6.425 cfs
Storm frequency	=	10 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	49,251 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	451.59 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	8,306 cuft

Storage Indication method used.



Hydrograph Report

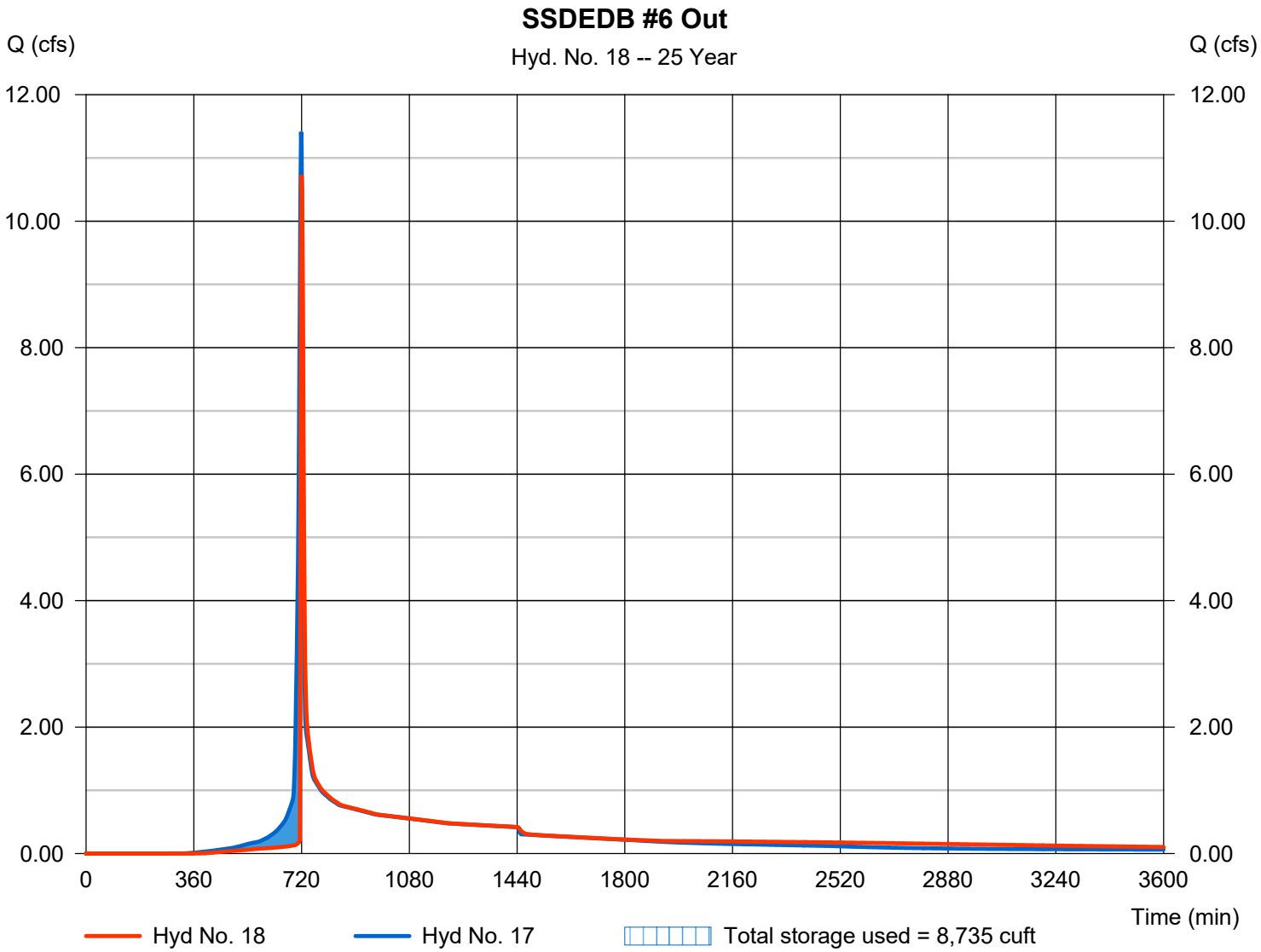
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	10.73 cfs
Storm frequency	=	25 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	64,256 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	451.98 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	8,735 cuft

Storage Indication method used.



Hydrograph Report

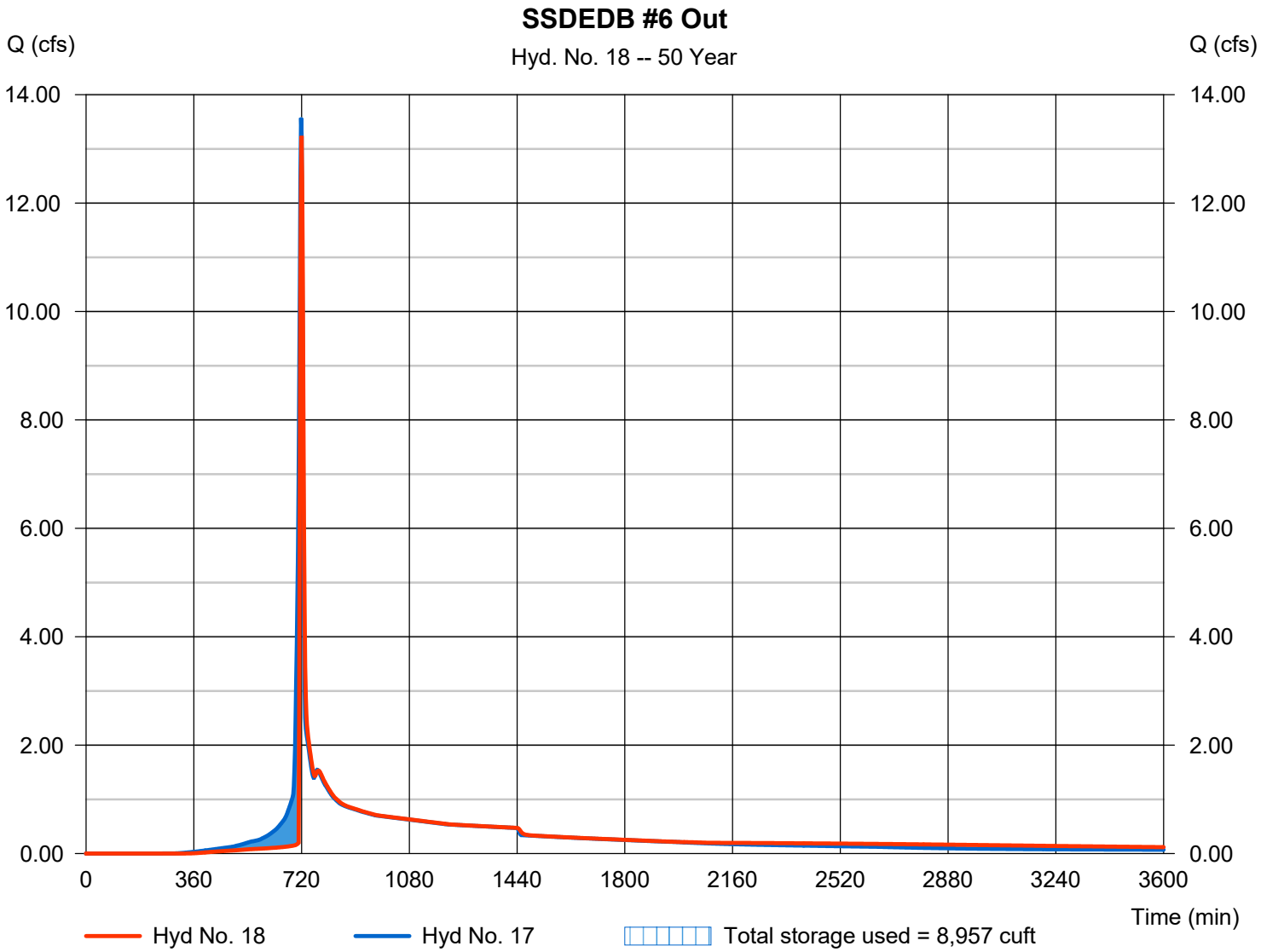
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	13.24 cfs
Storm frequency	=	50 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	77,048 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	452.17 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	8,957 cuft

Storage Indication method used.



Hydrograph Report

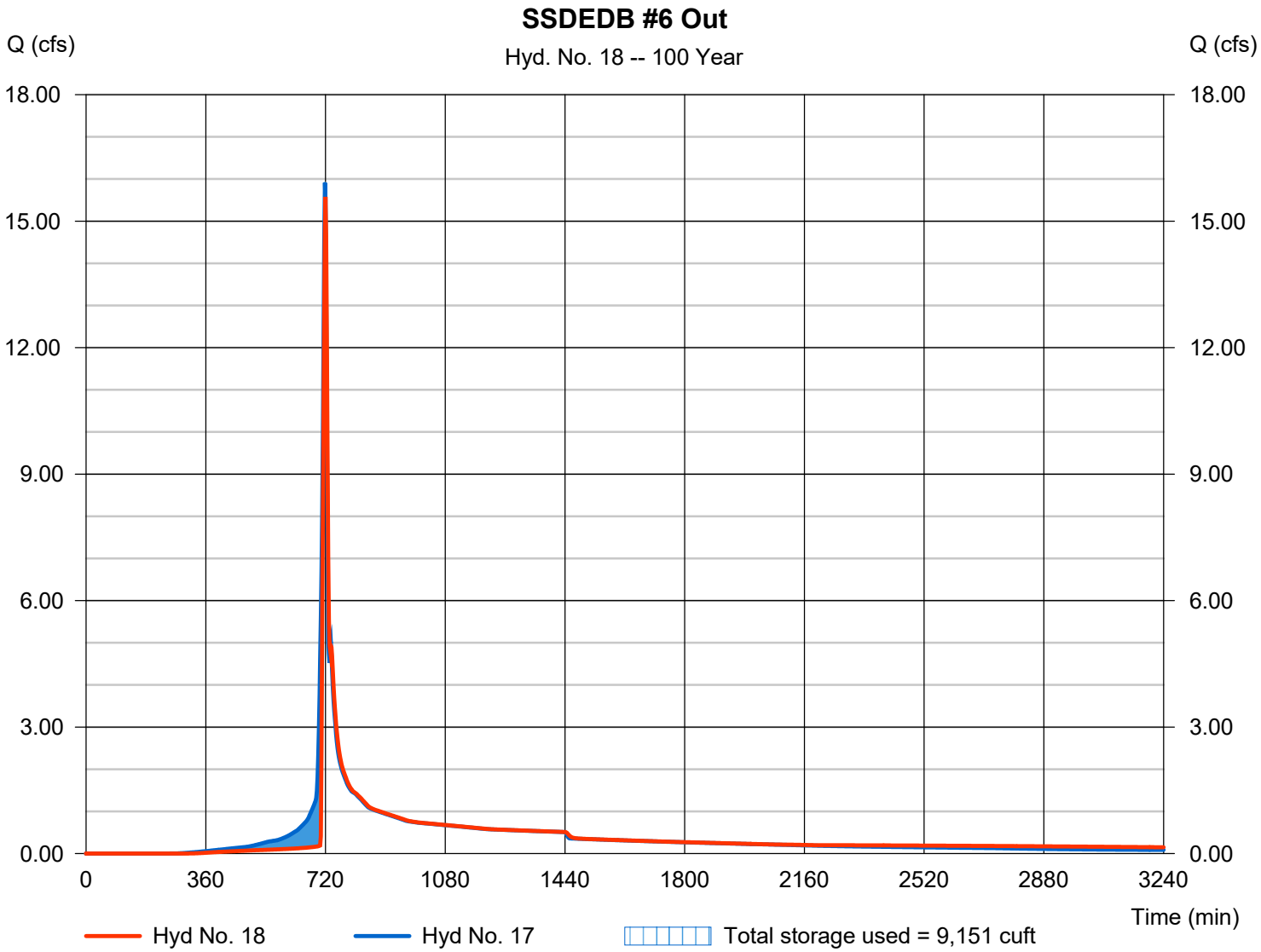
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	=	Reservoir	Peak discharge	=	15.58 cfs
Storm frequency	=	100 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	90,858 cuft
Inflow hyd. No.	=	17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6 Out	Max. Elevation	=	452.35 ft
Reservoir name	=	SSDEDB #6	Max. Storage	=	9,151 cuft

Storage Indication method used.



SECTION 2.2

CN CALCULATION

PRE DEV POI #2

GROUND COVER	AREA (ACRES)	CN
WOODS	2.04	55
MEADOWS	0.20	58
IMPERVIOUS	0.14	98

TOTAL 2.38

TR55 Tc Worksheet

Hyd. No. 20

Pre Dev POI #2

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 29.40		0.00		0.00		
Travel Time (min)	**= 7.28**	**+**	**0.00**	**+**	**0.00**	**=**	**7.28**
Shallow Concentrated Flow							
Flow length (ft)	= 252.00		231.00		220.00		
Watercourse slope (%)	= 17.50		12.10		9.50		
Surface description	= Unpaved		Unpaved		Unpaved		
Average velocity (ft/s)	=6.75		5.61		4.97		
Travel Time (min)	**= 0.62**	**+**	**0.69**	**+**	**0.74**	**=**	**2.05**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 9.30 min

Hydrograph Report

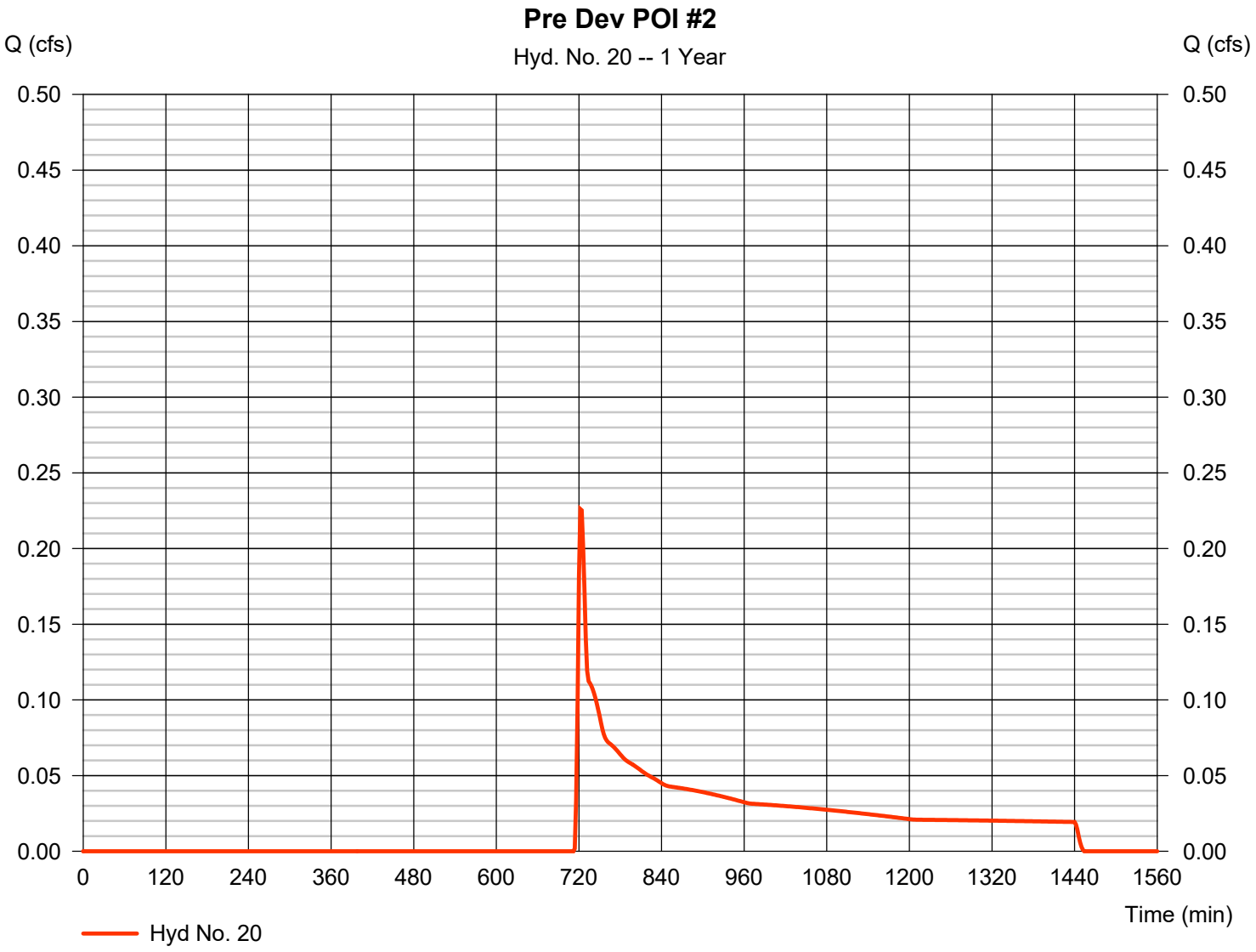
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.226 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 1,565 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

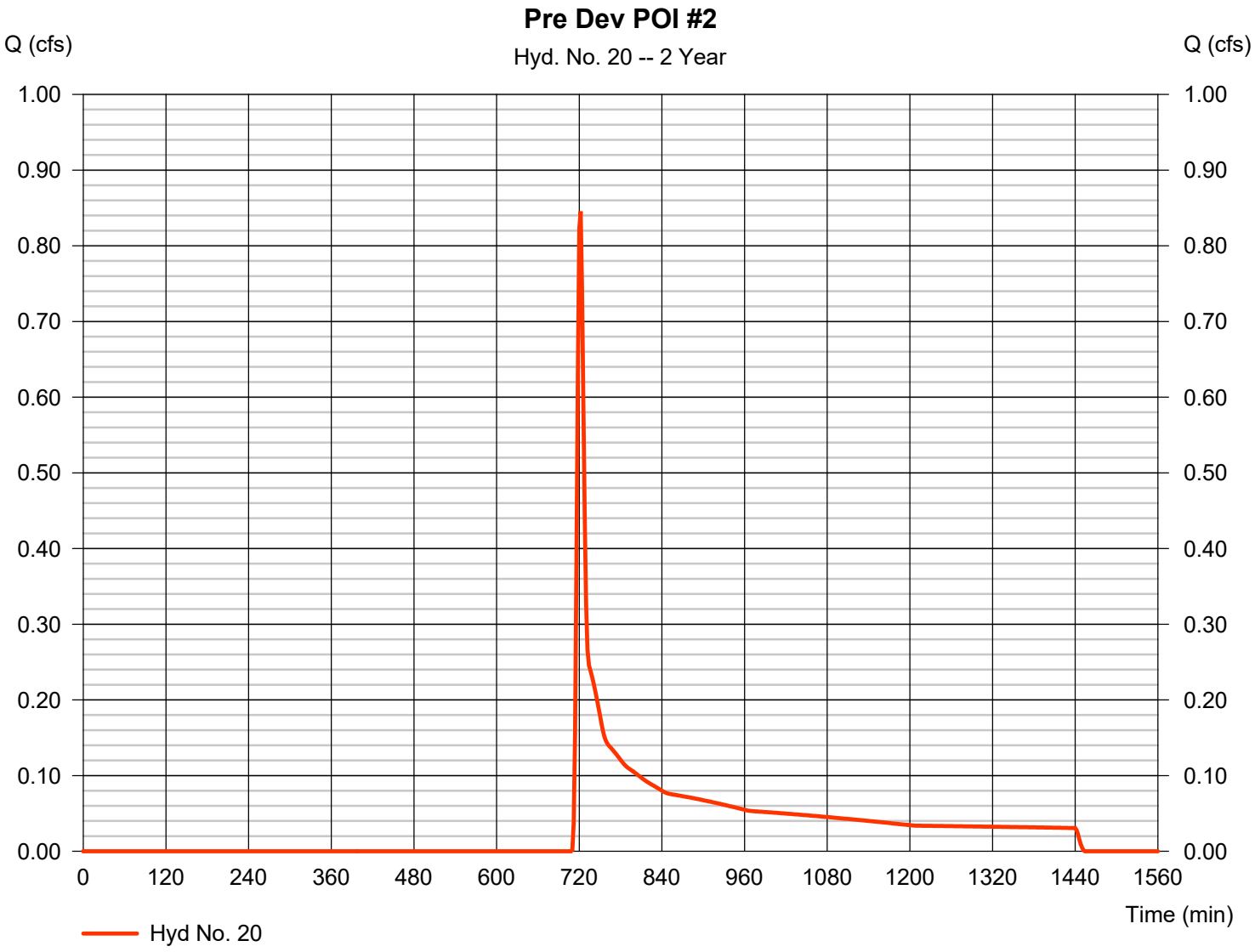
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.845 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,067 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

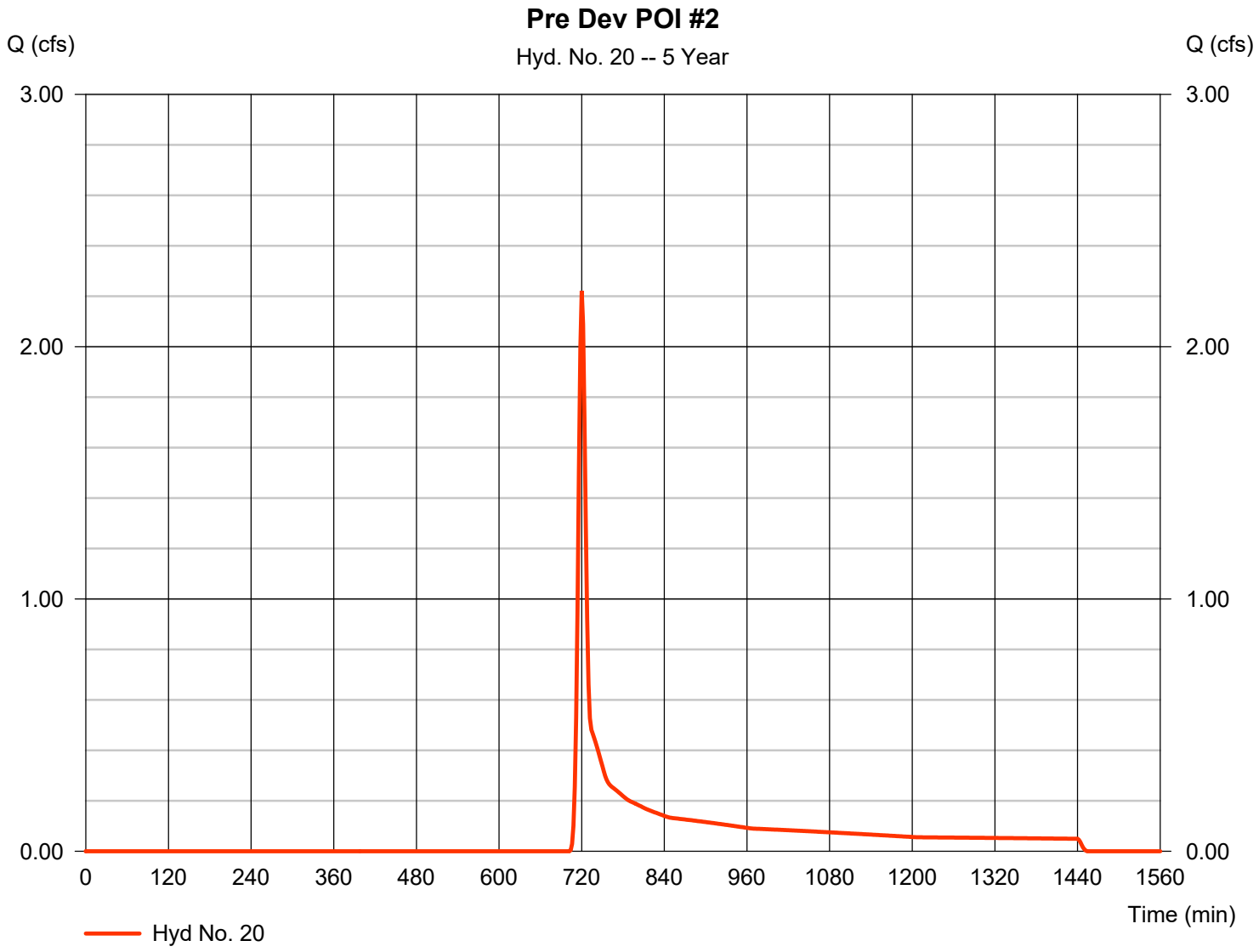
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 2.221 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 5,981 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

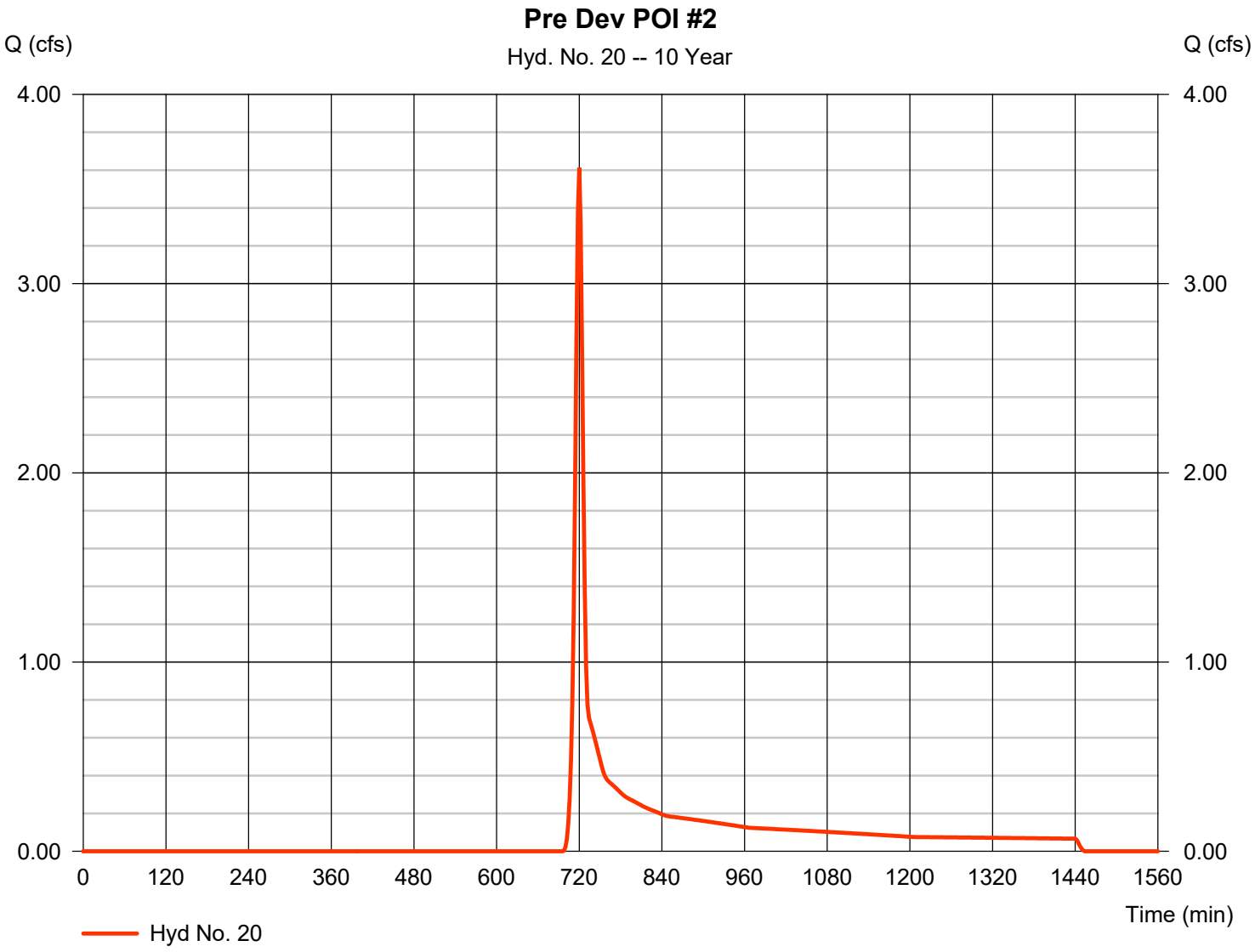
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 3.613 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 8,933 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

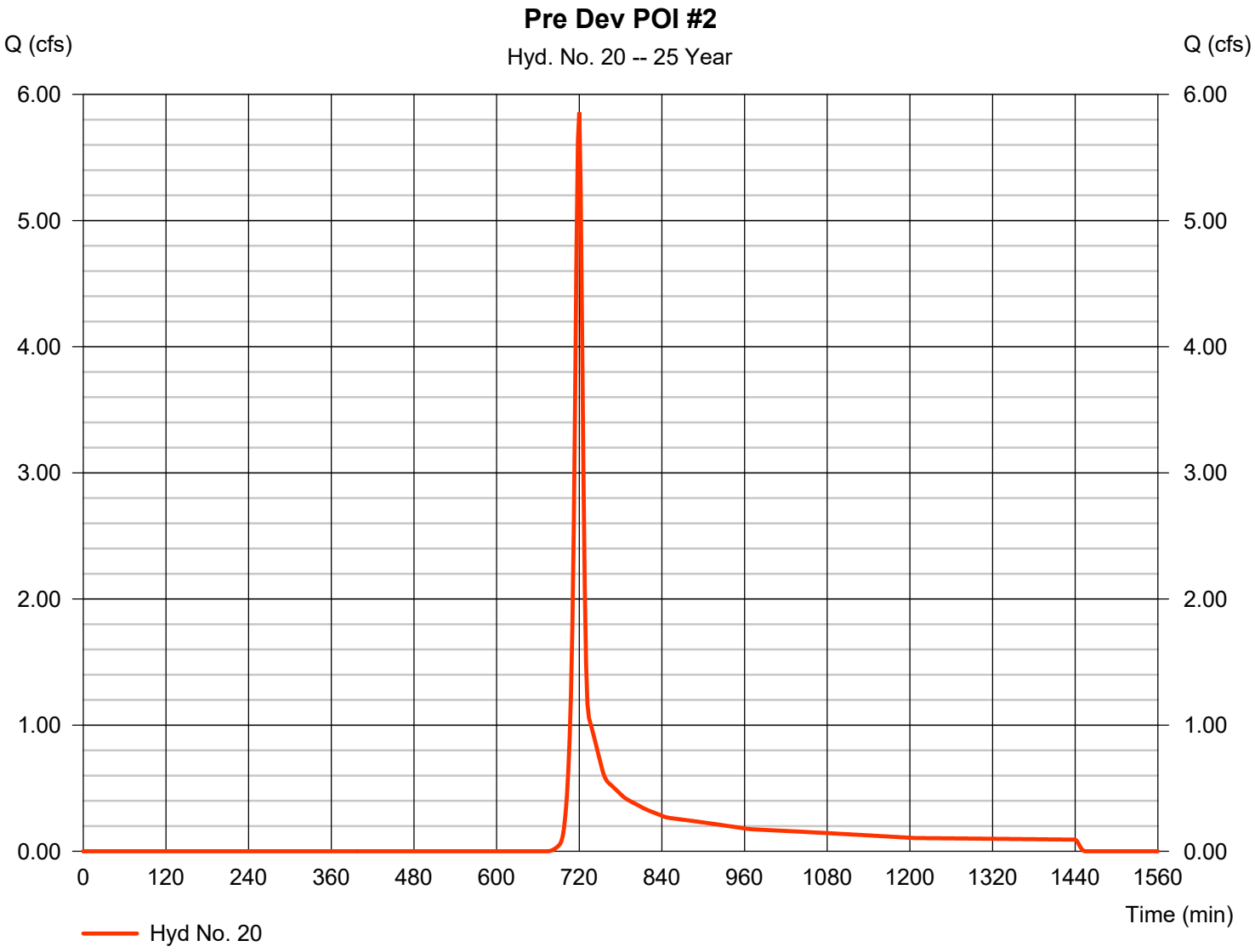
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 5.859 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 13,797 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

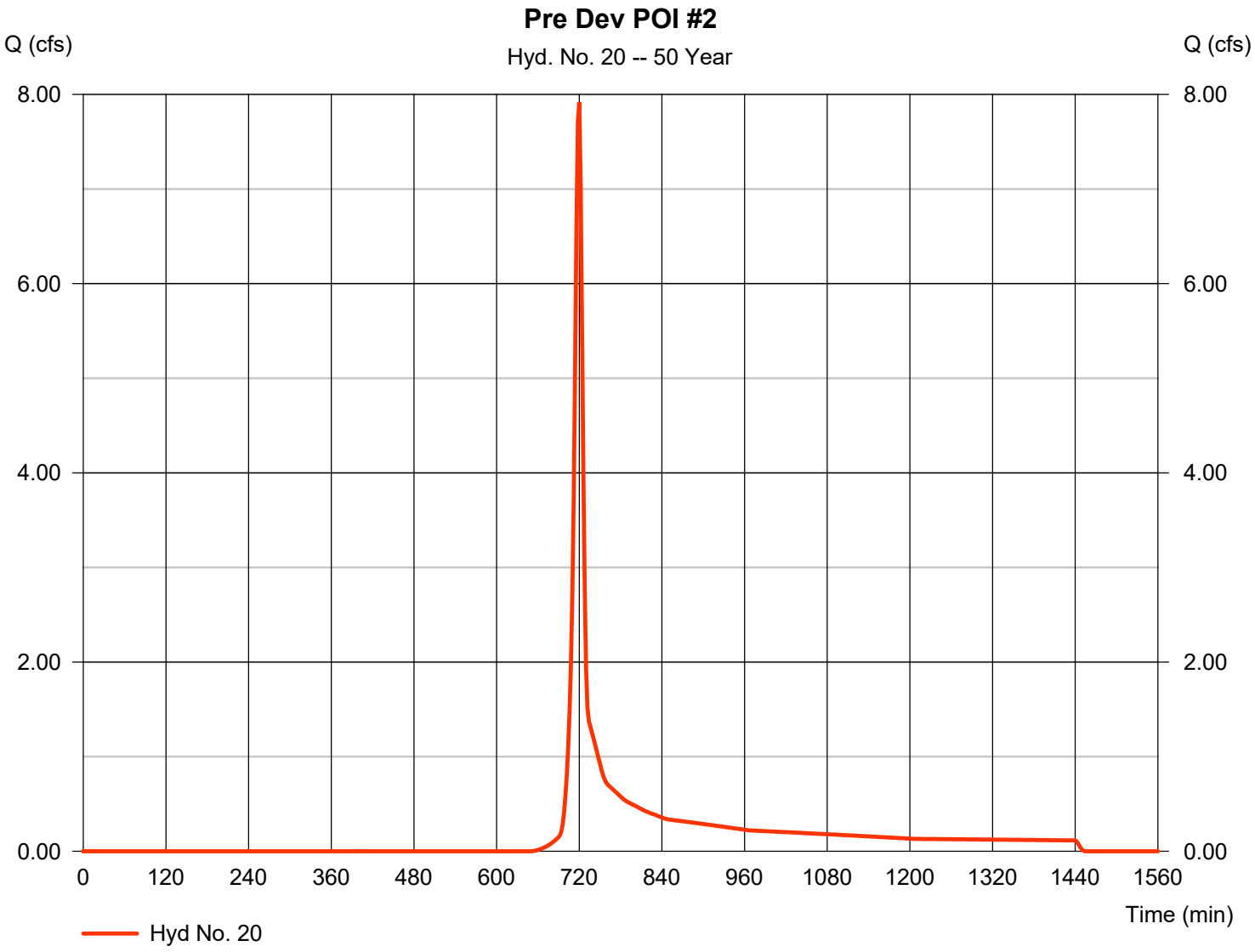
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 7.918 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 18,331 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



Hydrograph Report

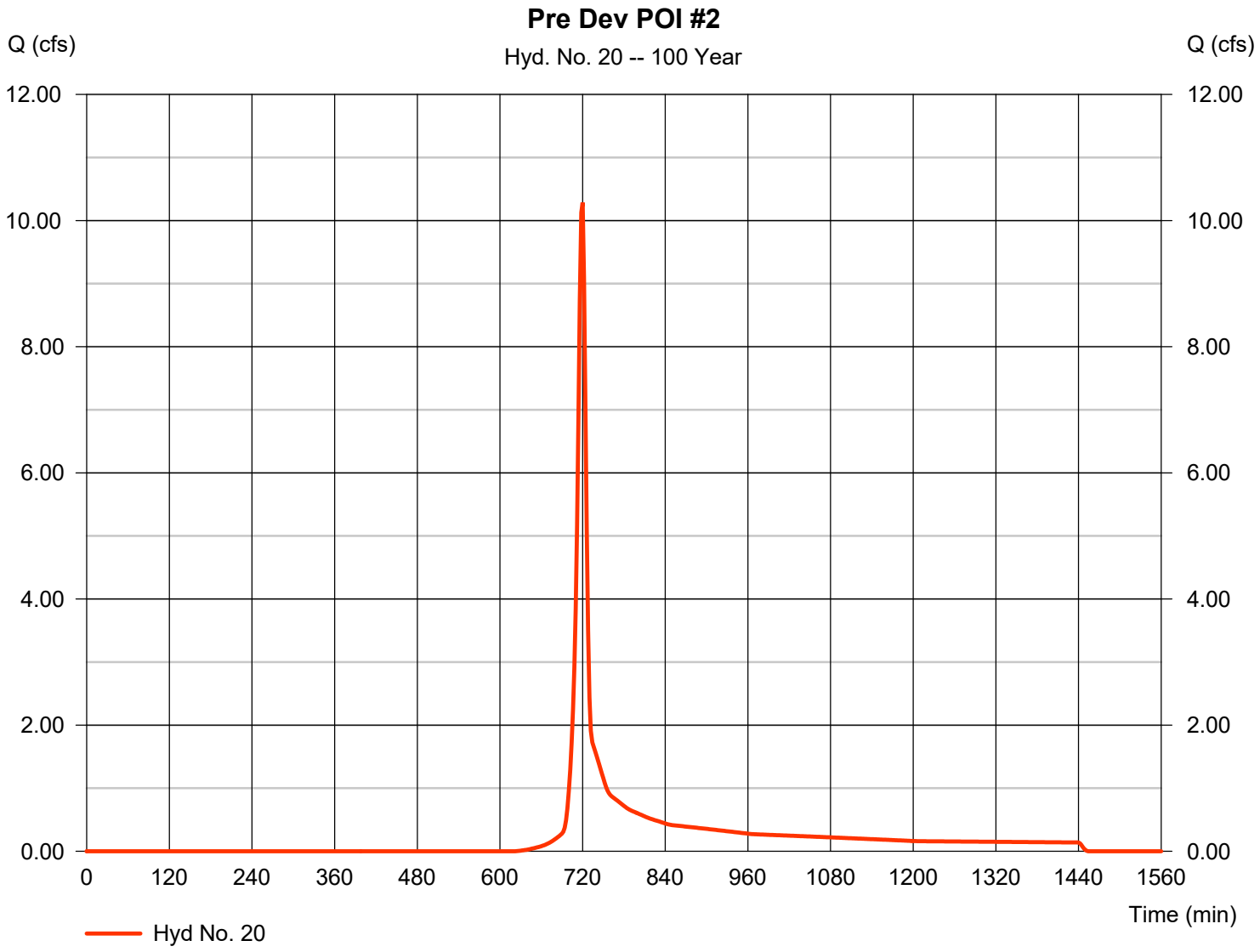
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 20

Pre Dev POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 10.29 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 23,620 cuft
Drainage area	= 2.380 ac	Curve number	= 58*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 9.30 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(2.040 x 55) + (0.200 x 58) + (0.140 x 98)] / 2.380



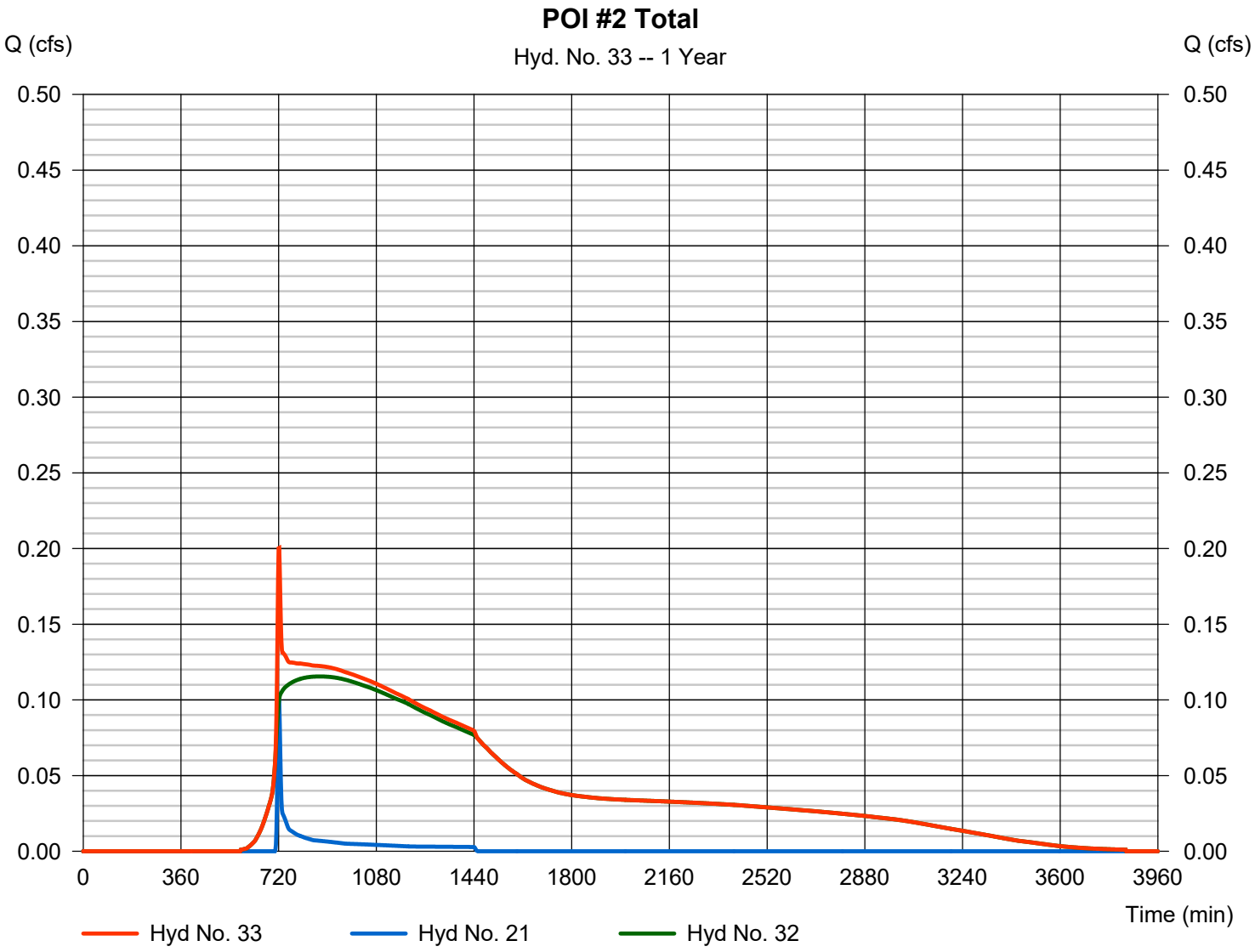
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

Hydrograph type	= Combine	Peak discharge	= 0.200 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 8,595 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



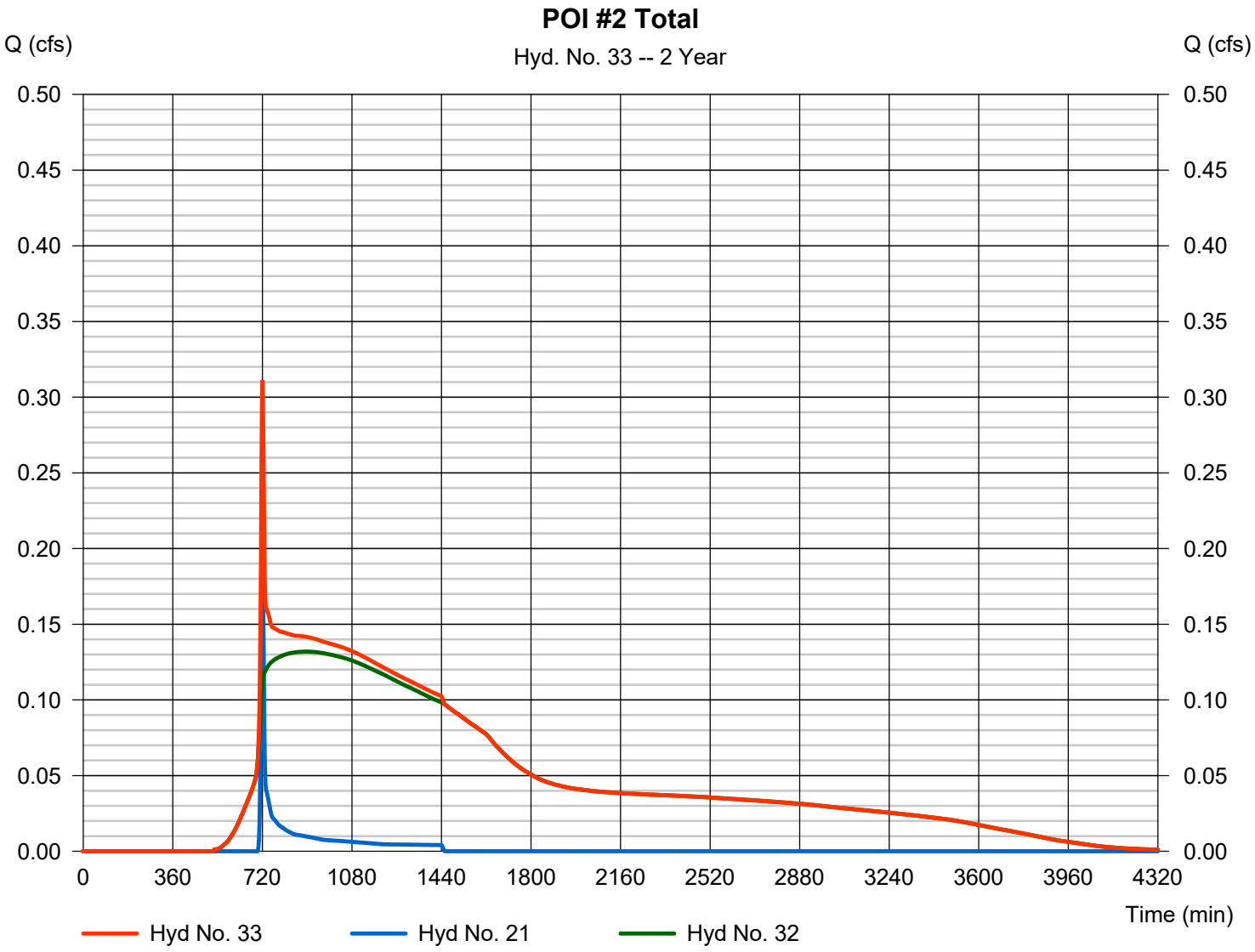
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

Hydrograph type	= Combine	Peak discharge	= 0.311 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 11,488 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



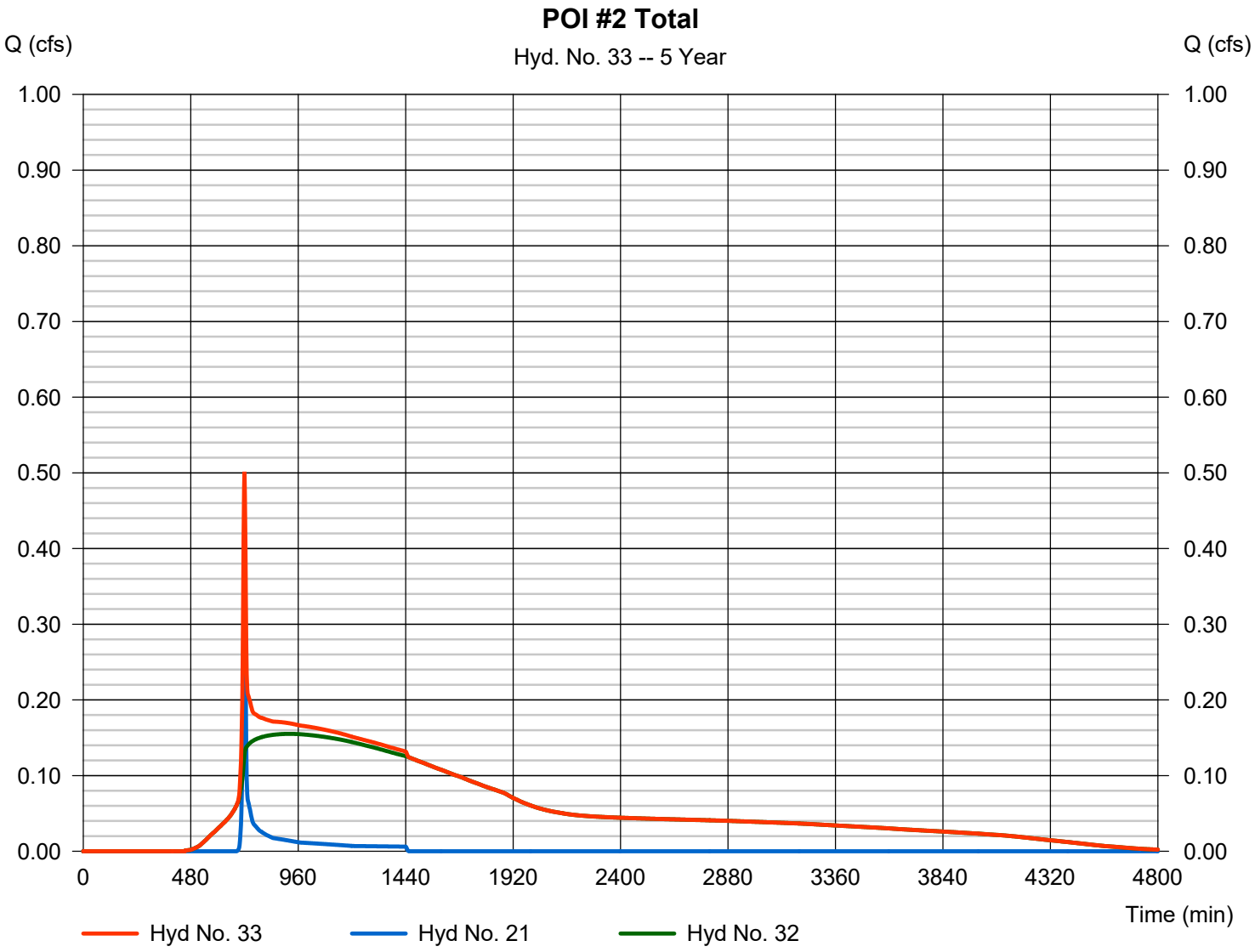
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

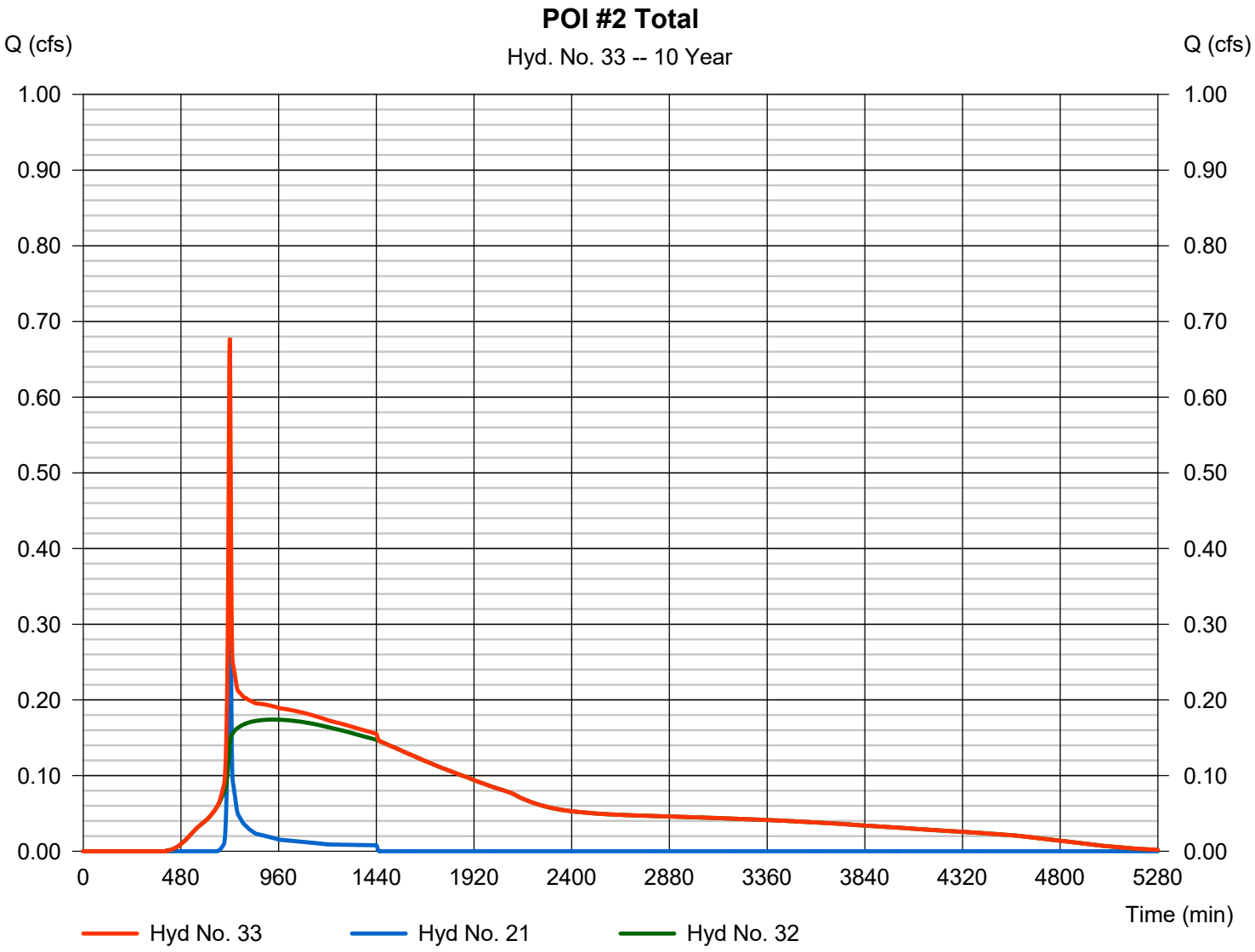
Hydrograph type	= Combine	Peak discharge	= 0.502 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 16,013 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



Hyd. No. 33

POI #2 Total

Hydrograph type	=	Combine	Peak discharge	=	0.678 cfs
Storm frequency	=	10 yrs	Time to peak	=	720 min
Time interval	=	2 min	Hyd. volume	=	19,957 cuft
Inflow hyds.	=	21, 32	Contrib. drain. area	=	0.230 ac



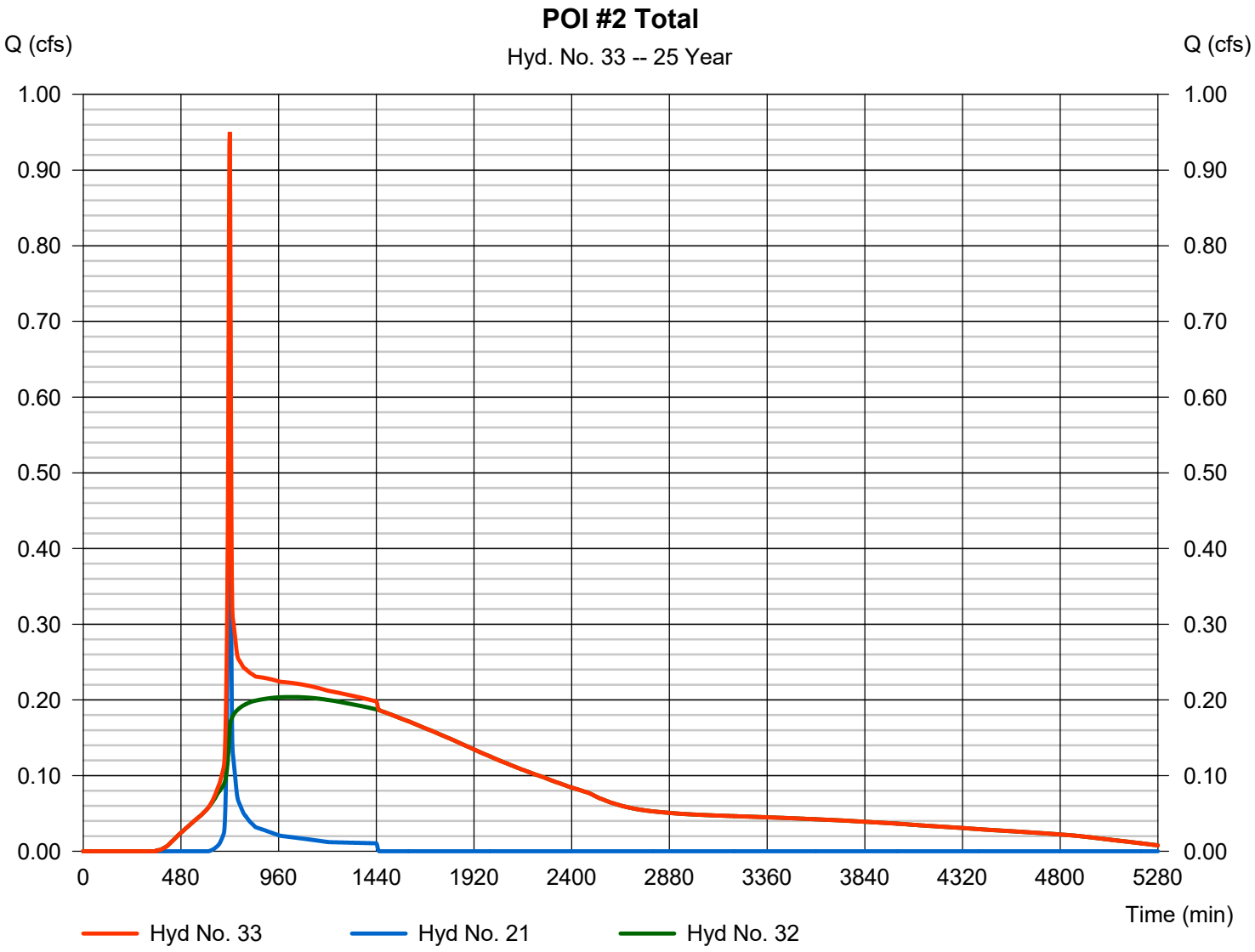
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

Hydrograph type	= Combine	Peak discharge	= 0.950 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 25,763 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



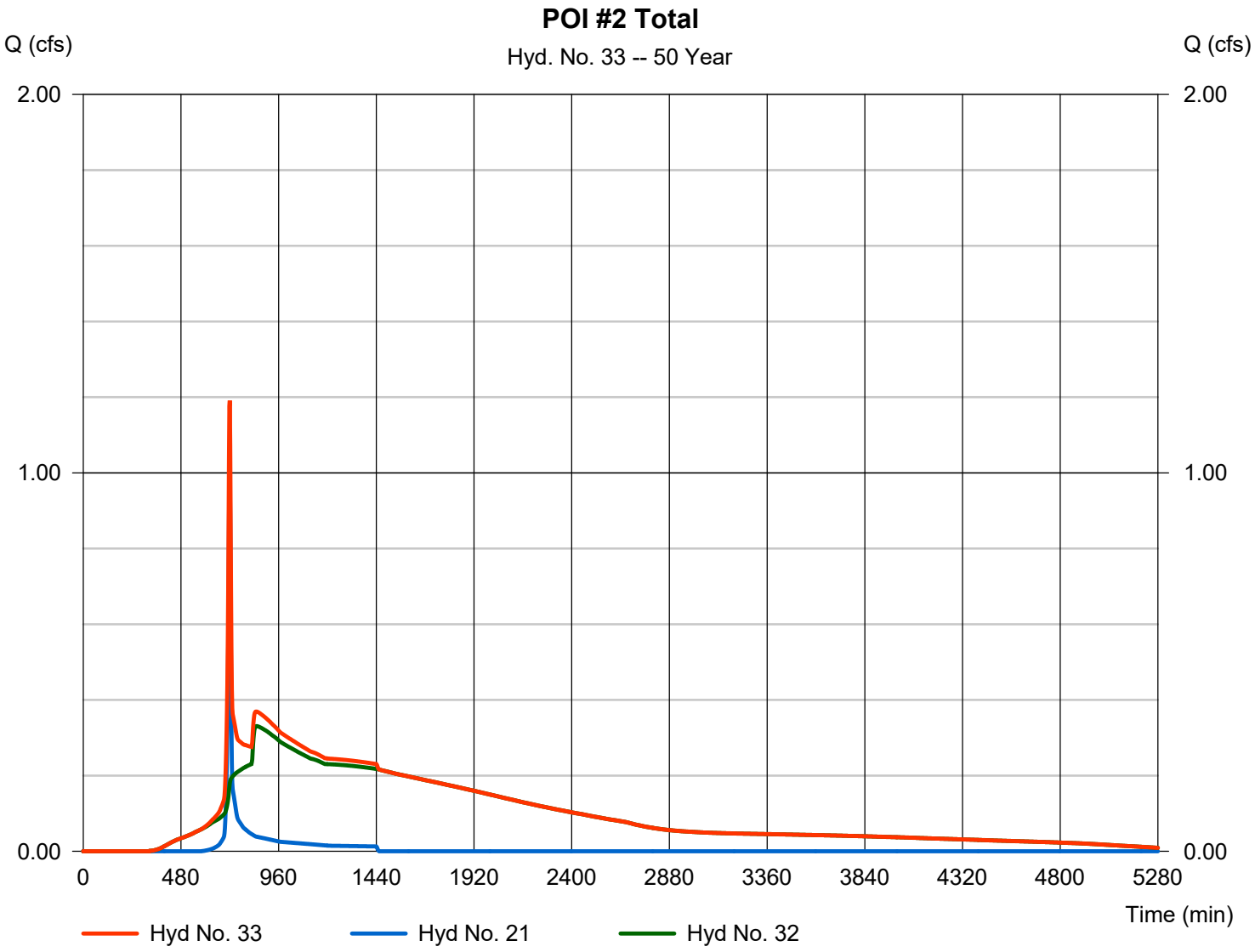
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

Hydrograph type	= Combine	Peak discharge	= 1.191 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 30,726 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



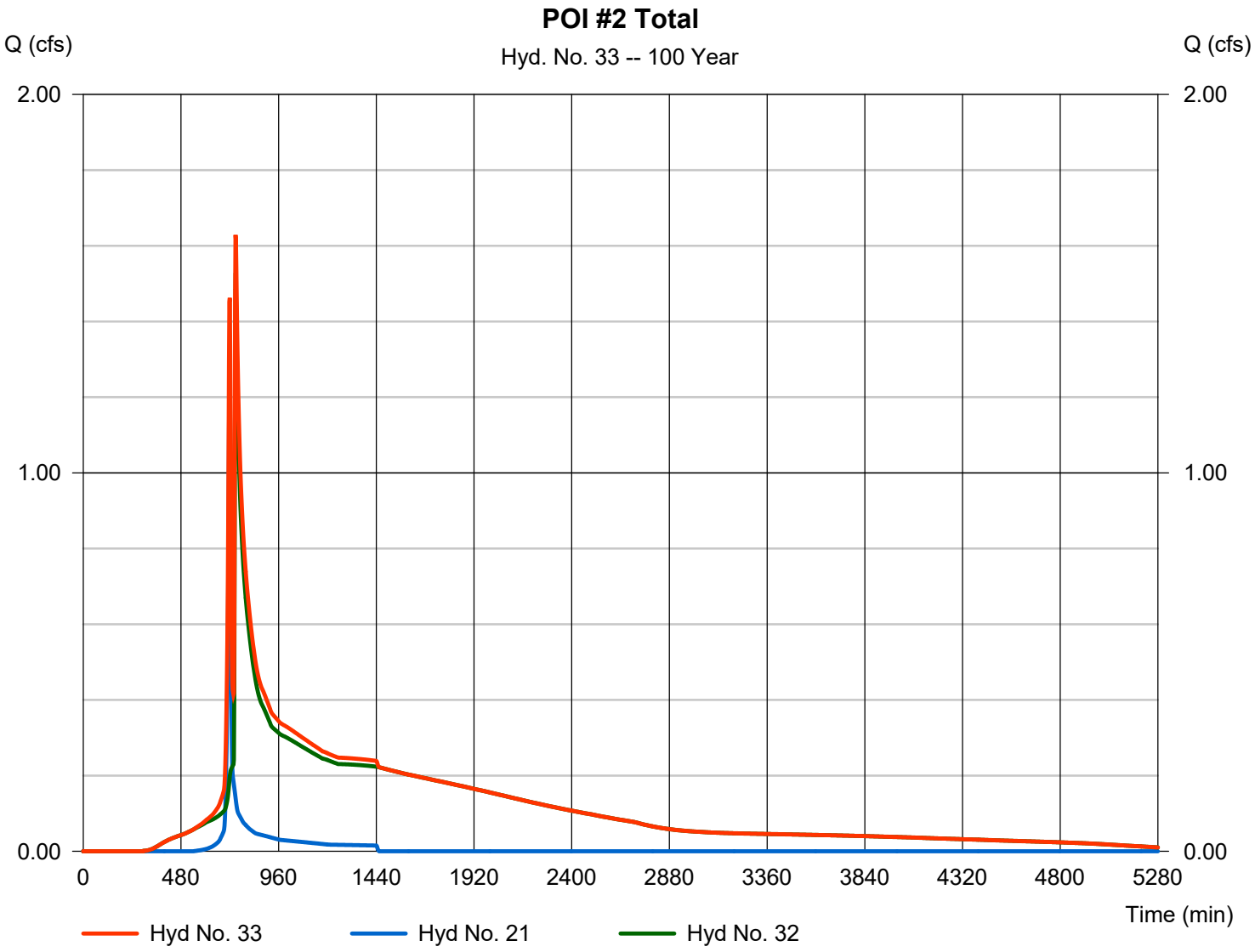
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 33

POI #2 Total

Hydrograph type	= Combine	Peak discharge	= 1.629 cfs
Storm frequency	= 100 yrs	Time to peak	= 748 min
Time interval	= 2 min	Hyd. volume	= 36,176 cuft
Inflow hyds.	= 21, 32	Contrib. drain. area	= 0.230 ac



CN CALCULATION

POST BYPASS POI #2

GROUND COVER	AREA (ACRES)	CN
MEADOWS	0.10	58
LAWNS	0.10	61
IMPERVIOUS	0.03	98

TOTAL 0.23

TR55 Tc Worksheet

Hyd. No. 21

Post Bypass POI #2

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.240		0.011		
Flow length (ft)	= 37.0		70.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		3.24		0.00		
Land slope (%)	= 32.40		17.10		0.00		
Travel Time (min)	**= 2.10**	**+**	**4.52**	**+**	**0.00**	**=**	**6.62**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 6.60 min

Hydrograph Report

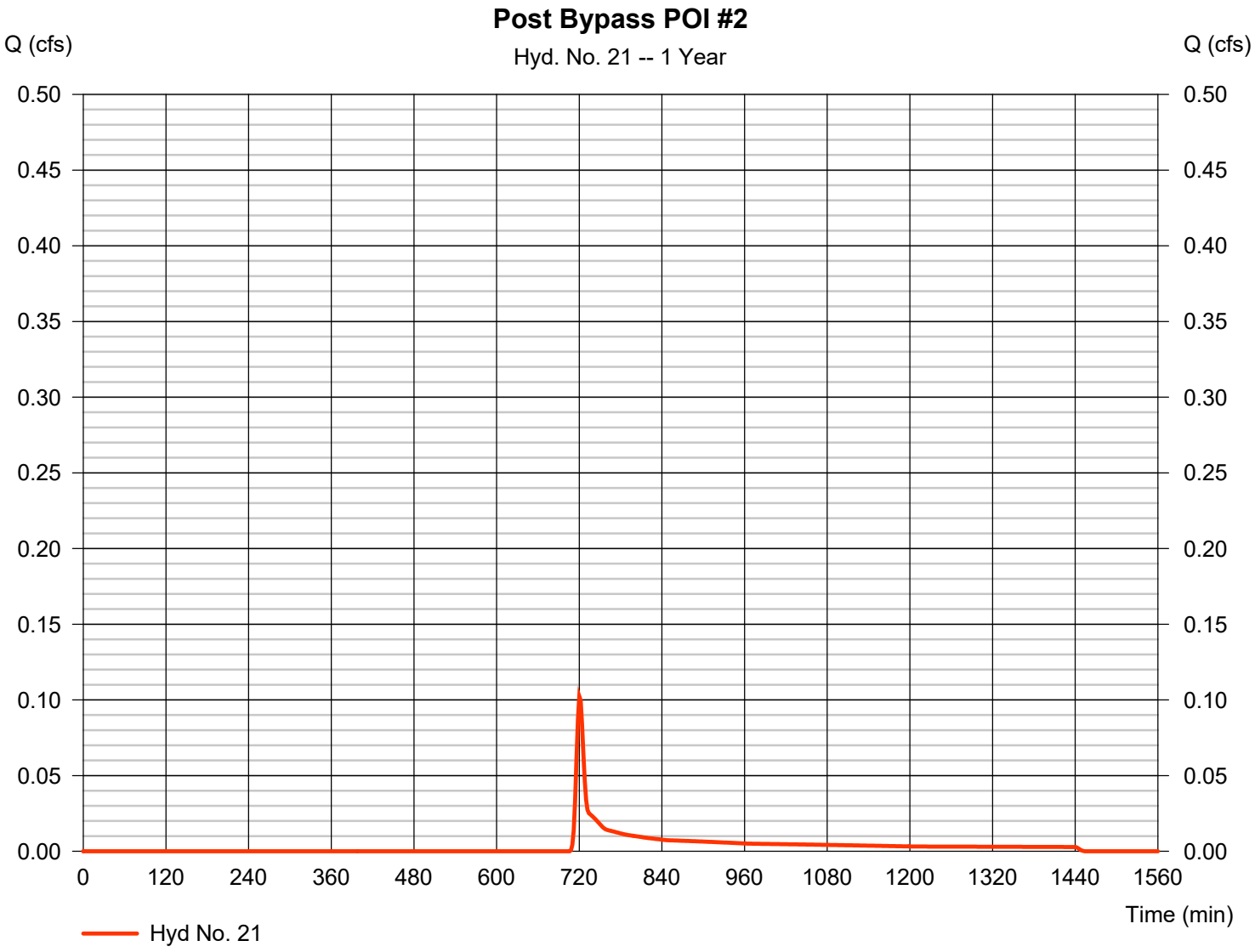
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.102 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 310 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

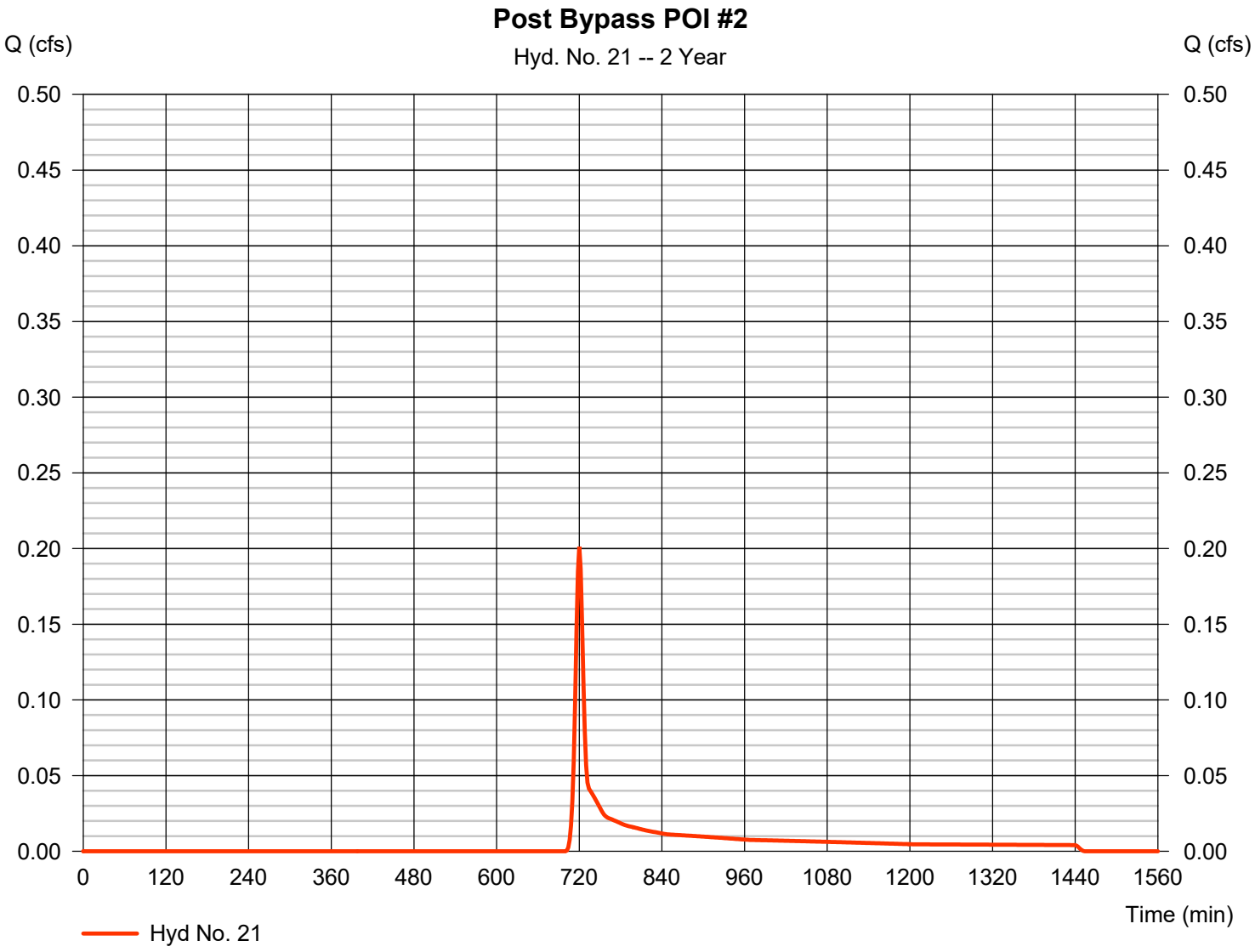
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.201 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 518 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

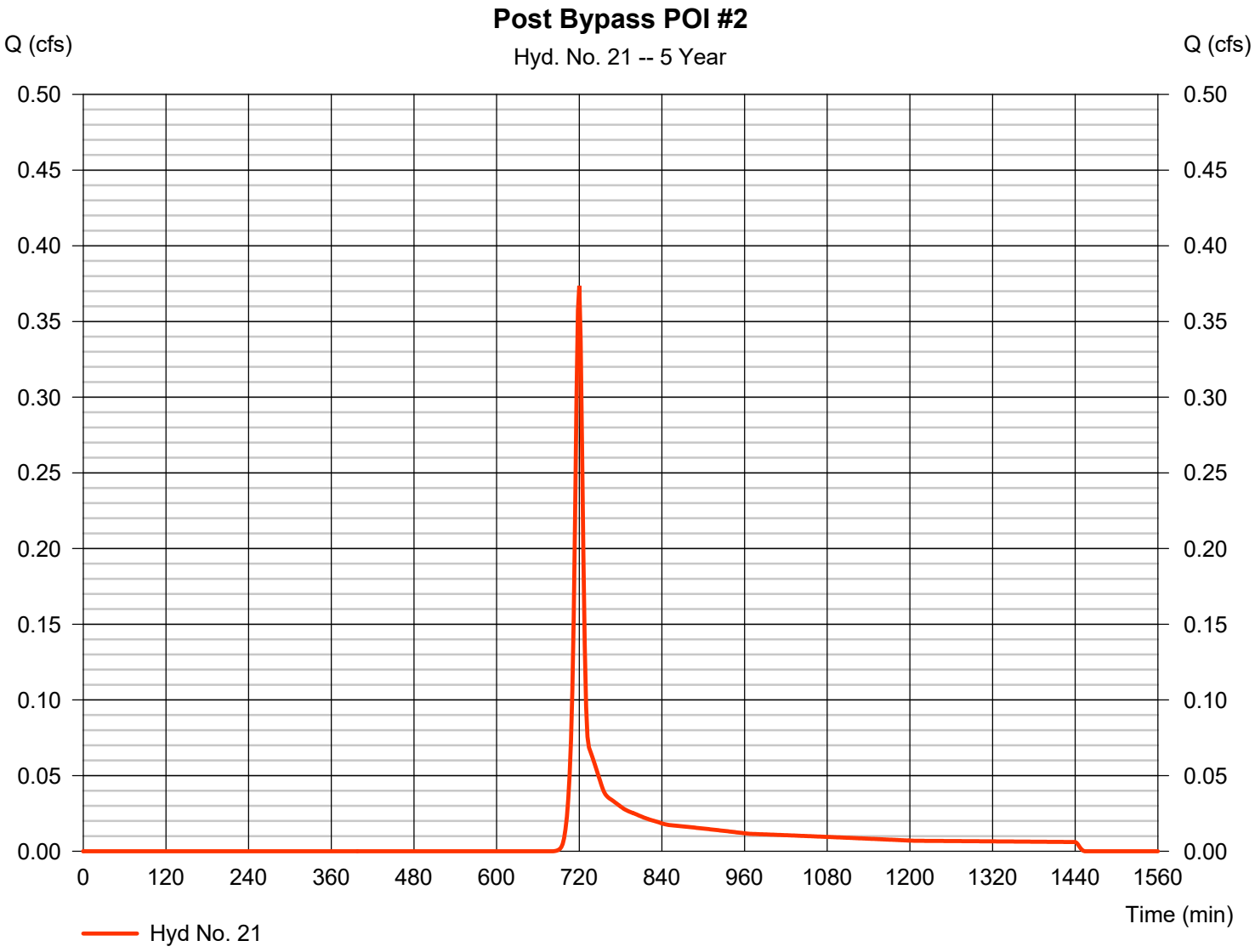
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.374 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 888 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

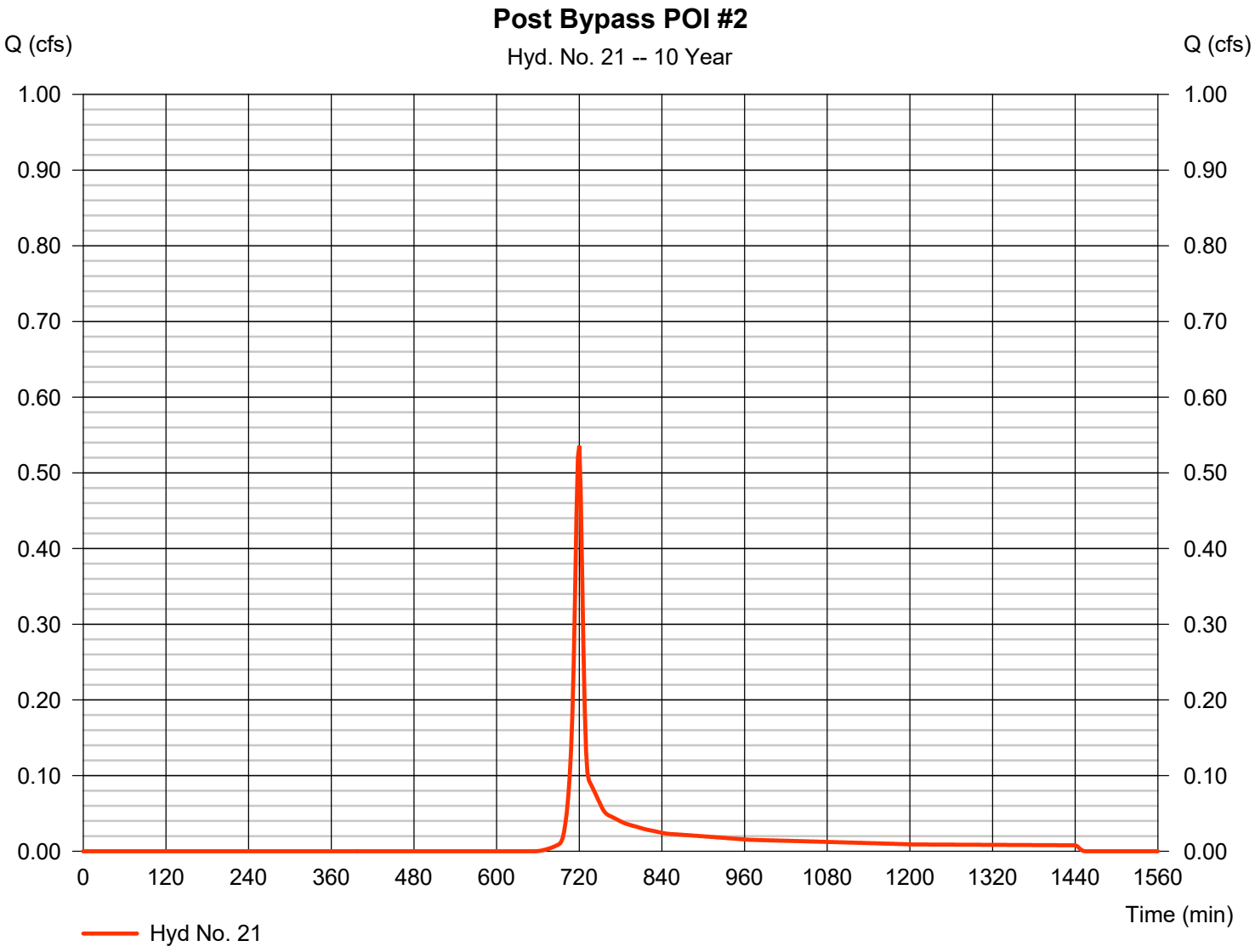
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.536 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 1,244 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

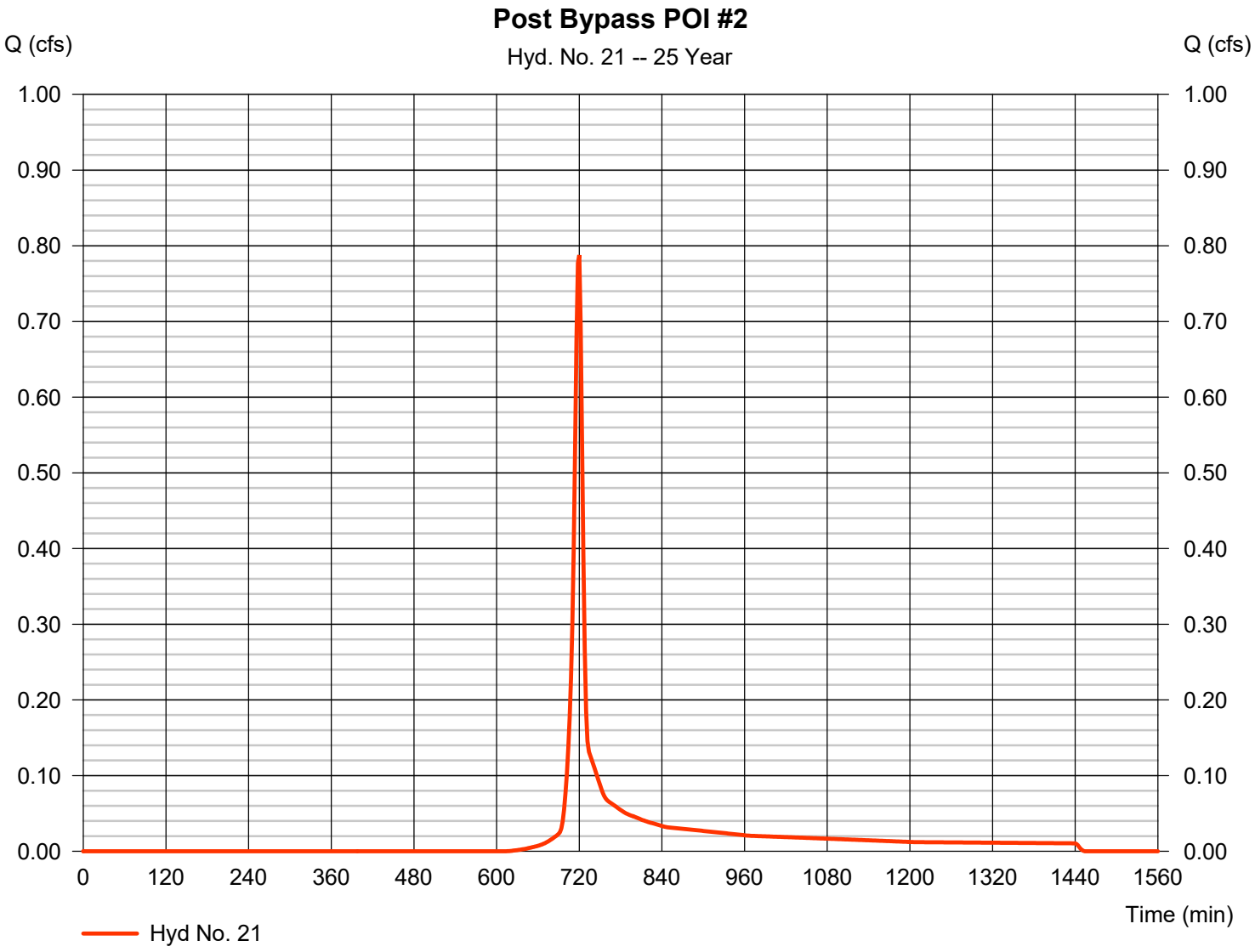
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 0.788 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 1,807 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

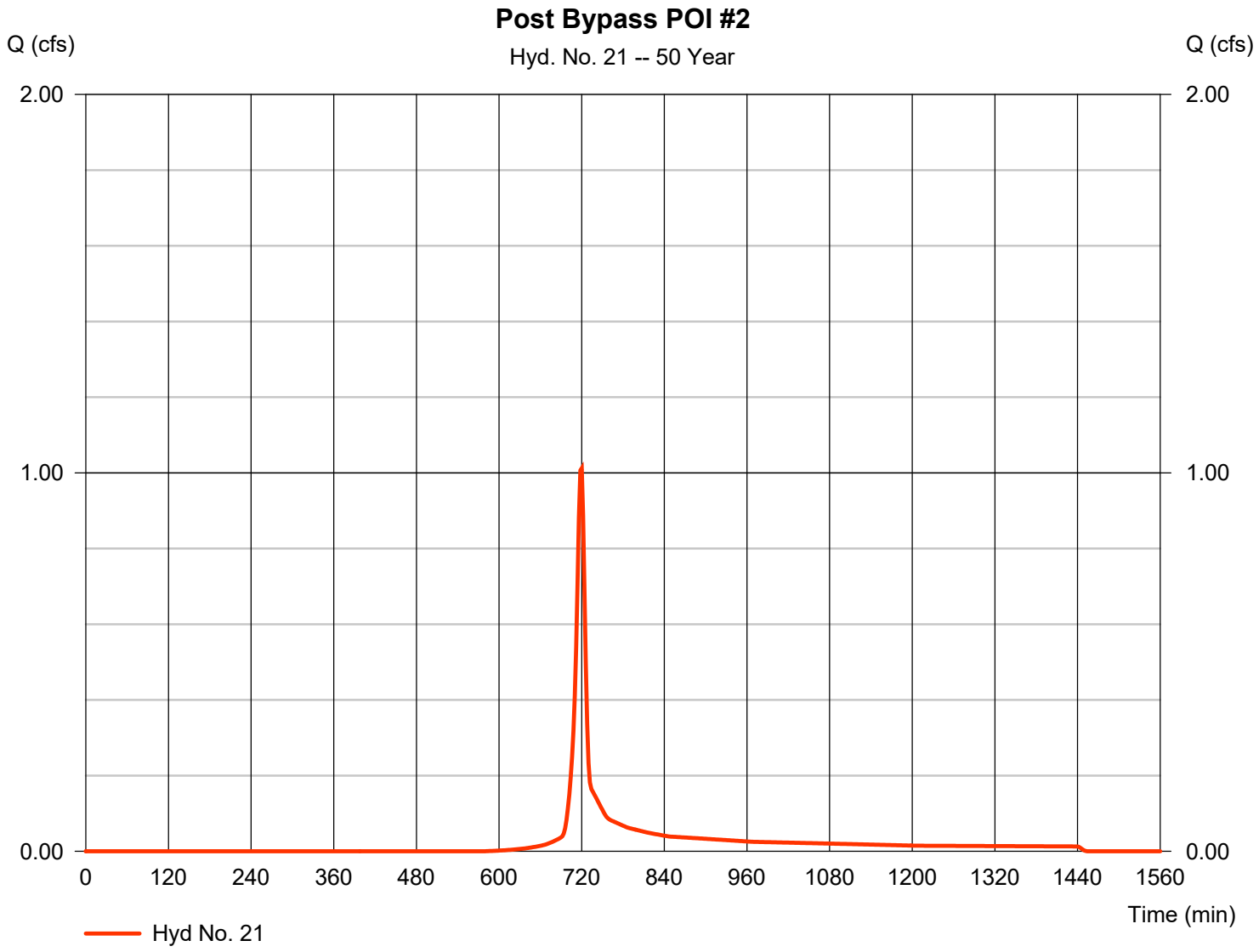
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 1.012 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 2,316 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



Hydrograph Report

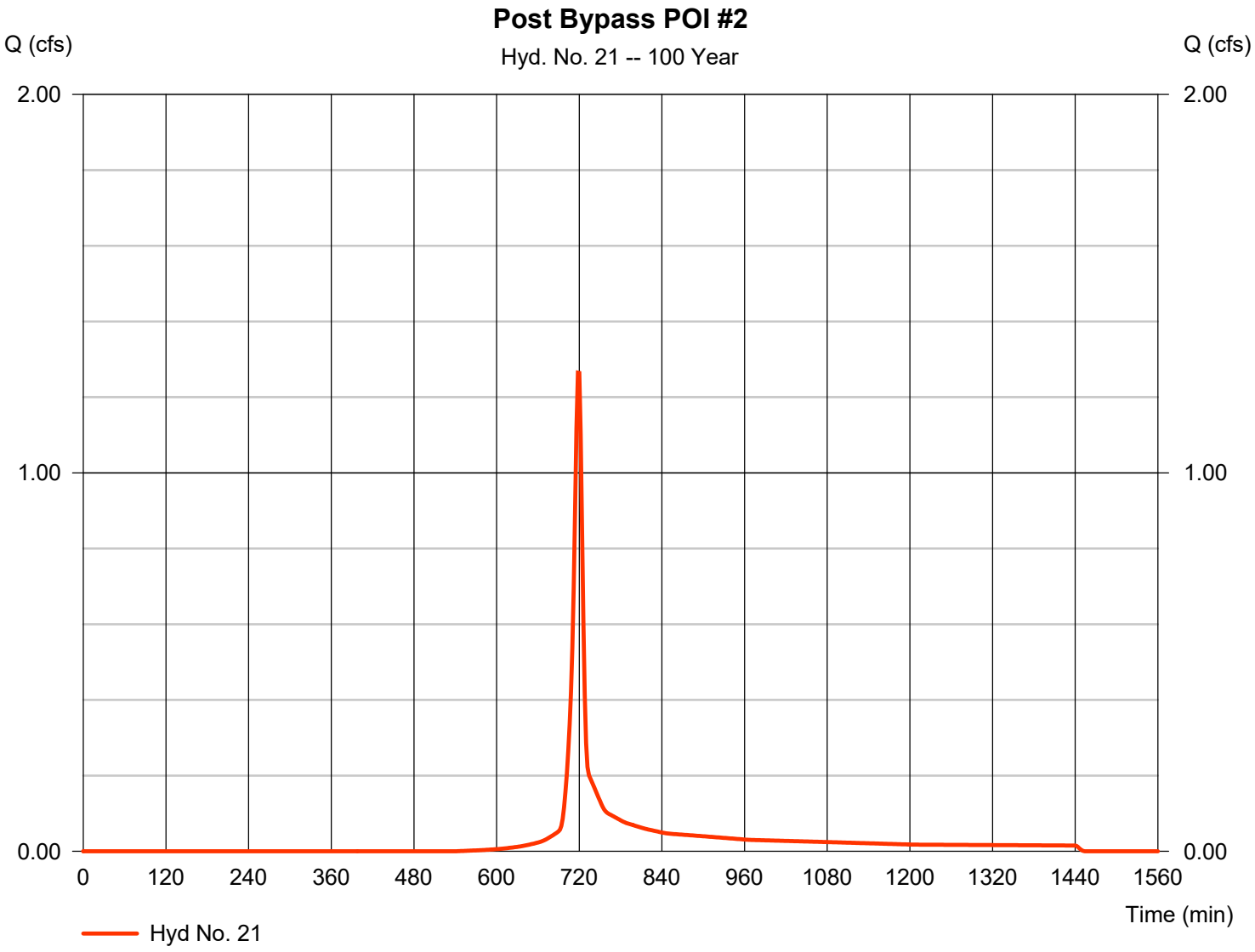
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 21

Post Bypass POI #2

Hydrograph type	= SCS Runoff	Peak discharge	= 1.265 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 2,897 cuft
Drainage area	= 0.230 ac	Curve number	= 65*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 58) + (0.100 x 61) + (0.030 x 98)] / 0.230



CN CALCULATION

SSDEDB #7

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.15	61
IMPERVIOUS	0.36	98

TOTAL 0.51

TR55 Tc Worksheet

Hyd. No. 22

SSDEDB #7 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 98.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 13.95**	**+**	**0.00**	**+**	**0.00**	**=**	**13.95**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 2.00		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=8.06						
			0.00				
					0.00		
Flow length (ft)	({0})28.0		0.0		0.0		
Travel Time (min)	**= 0.06**	**+**	**0.00**	**+**	**0.00**	**=**	**0.06**

Total Travel Time, Tc ..... 14.00 min

Hydrograph Report

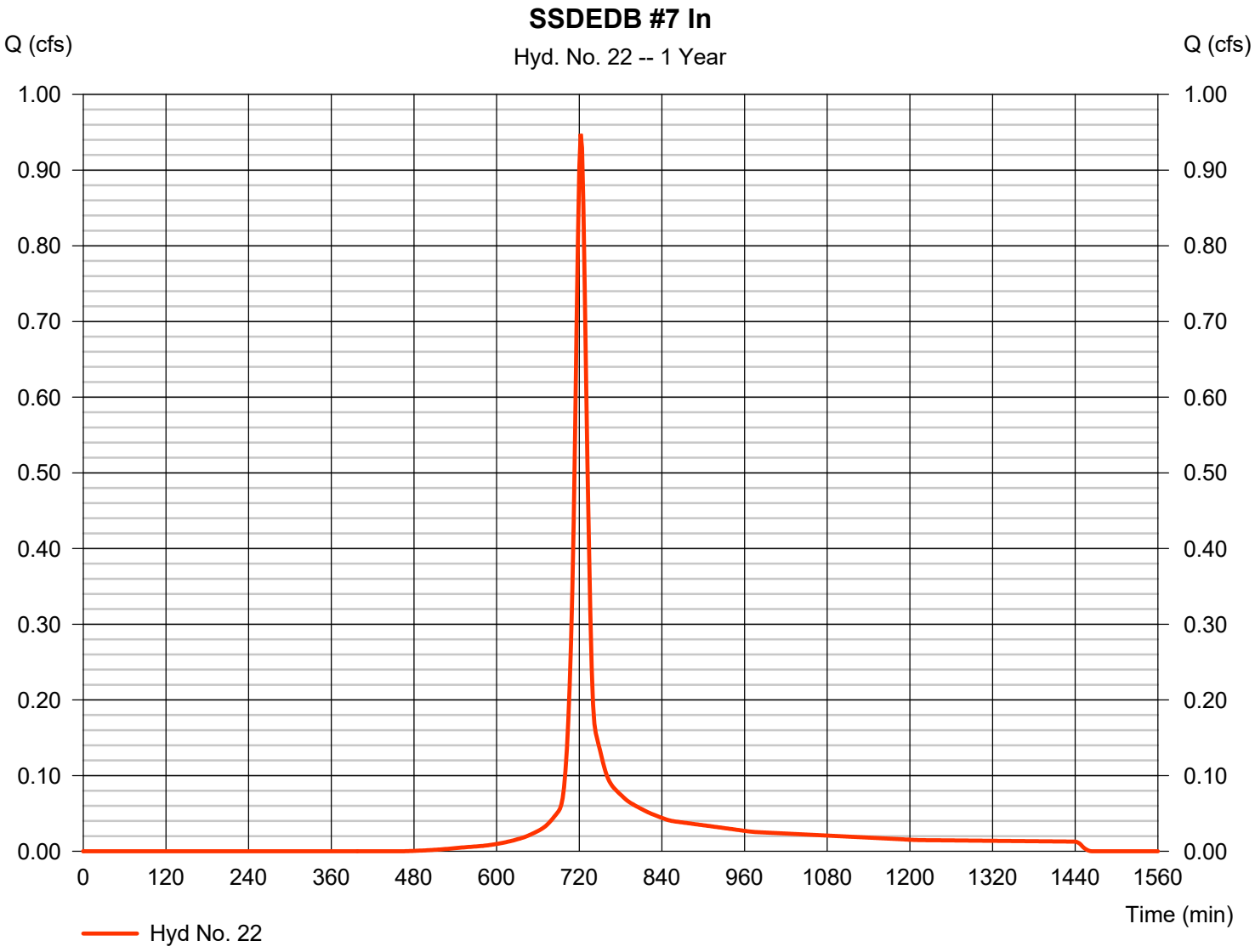
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.948 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 2,656 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

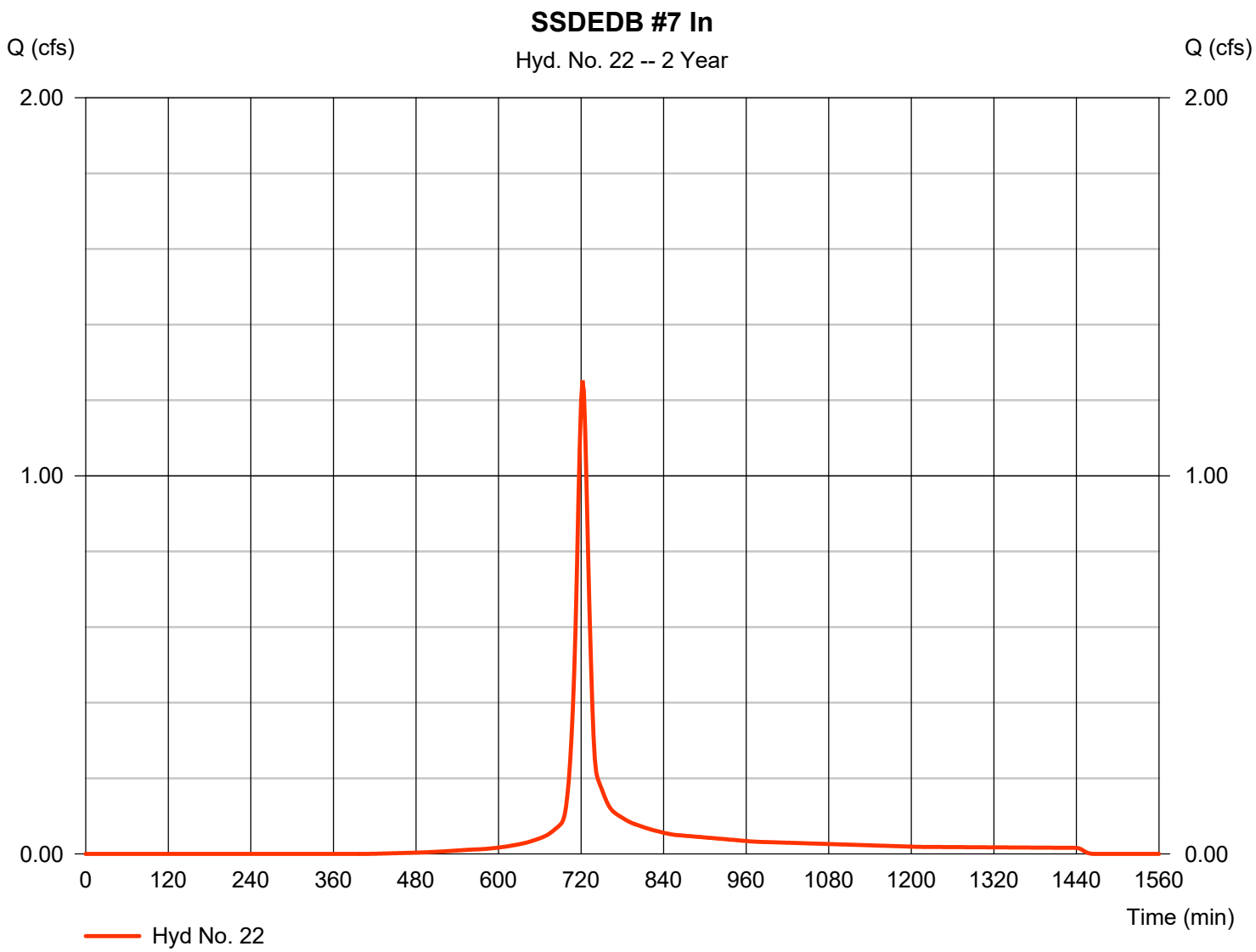
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.253 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,520 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

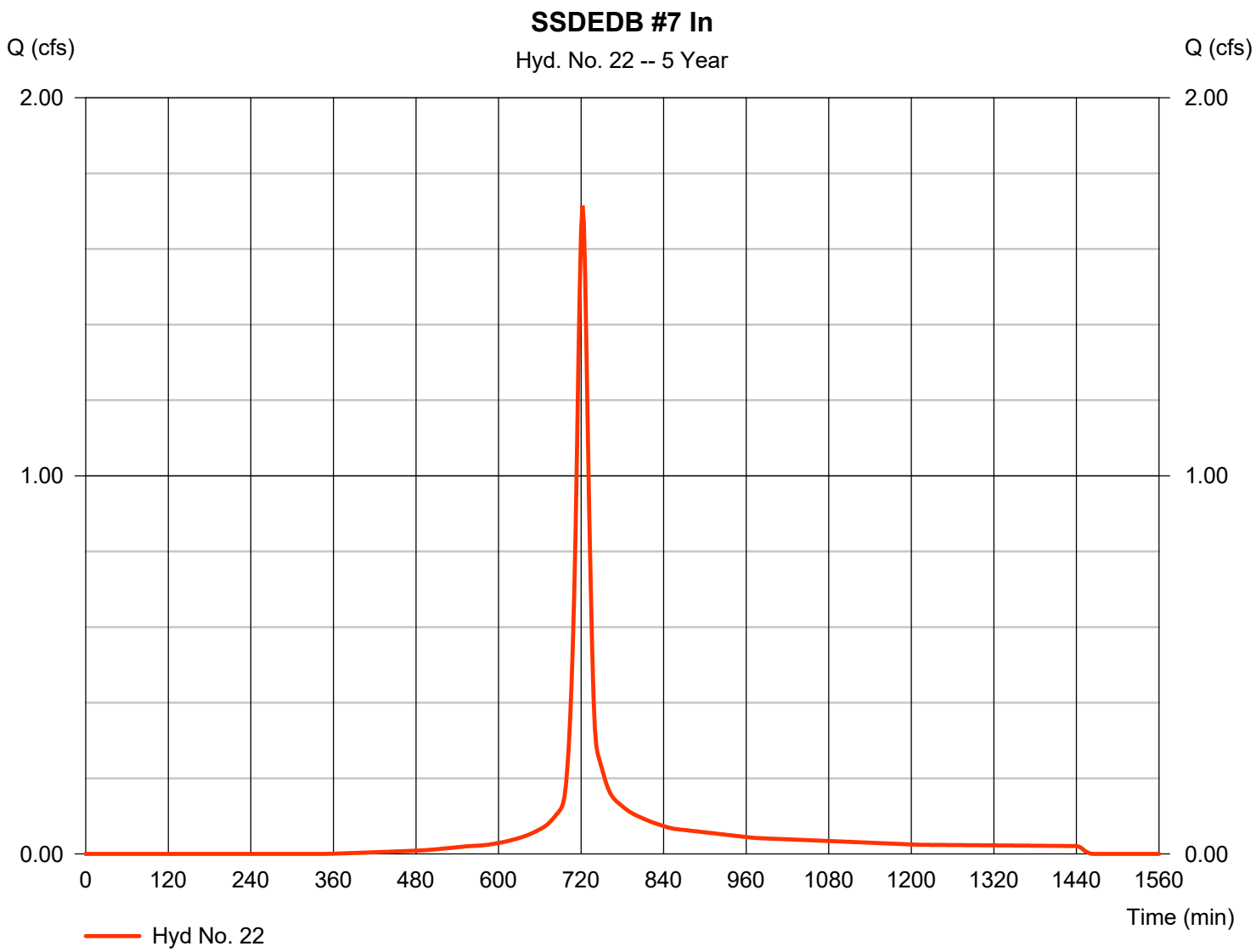
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.715 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 4,859 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

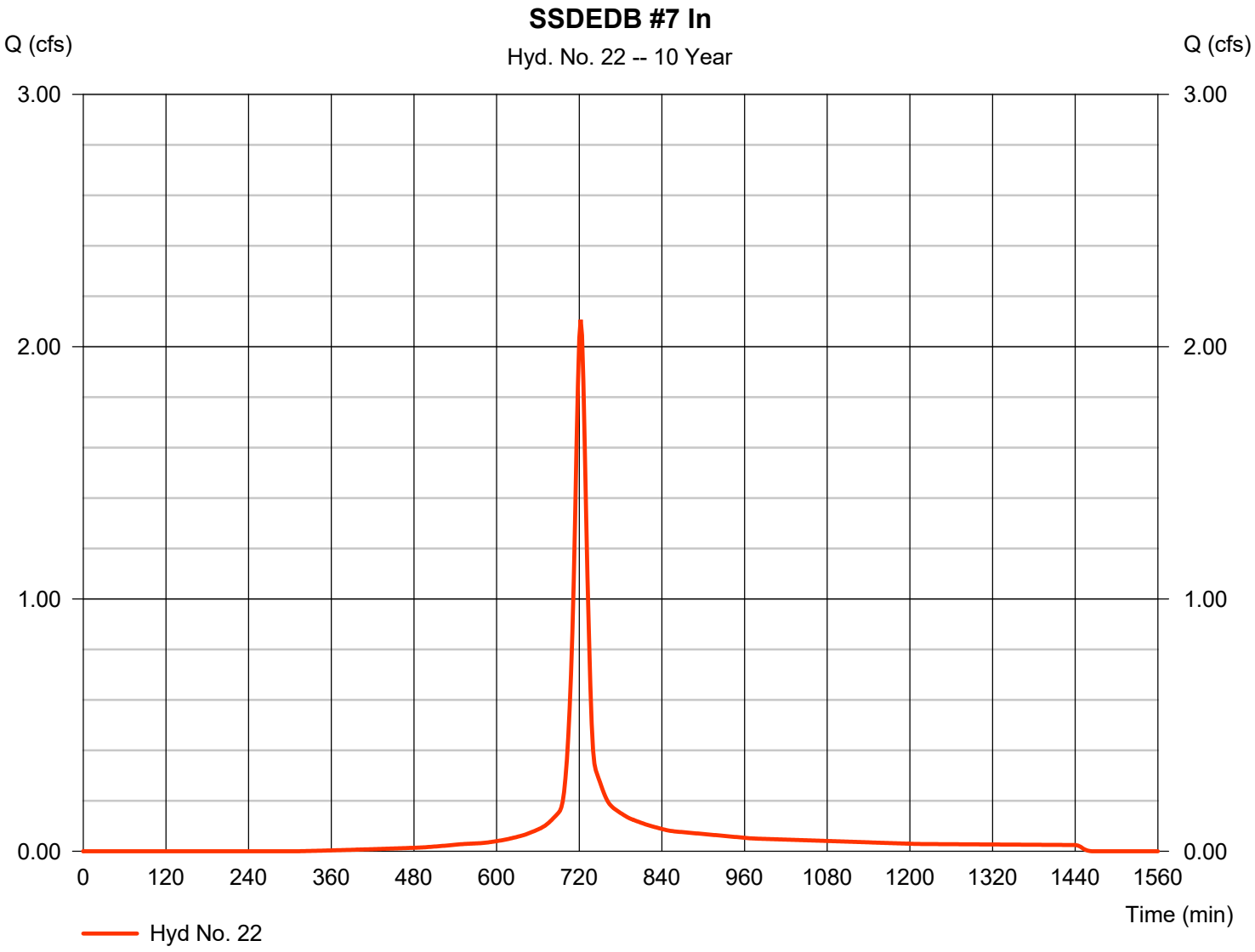
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.107 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 6,015 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

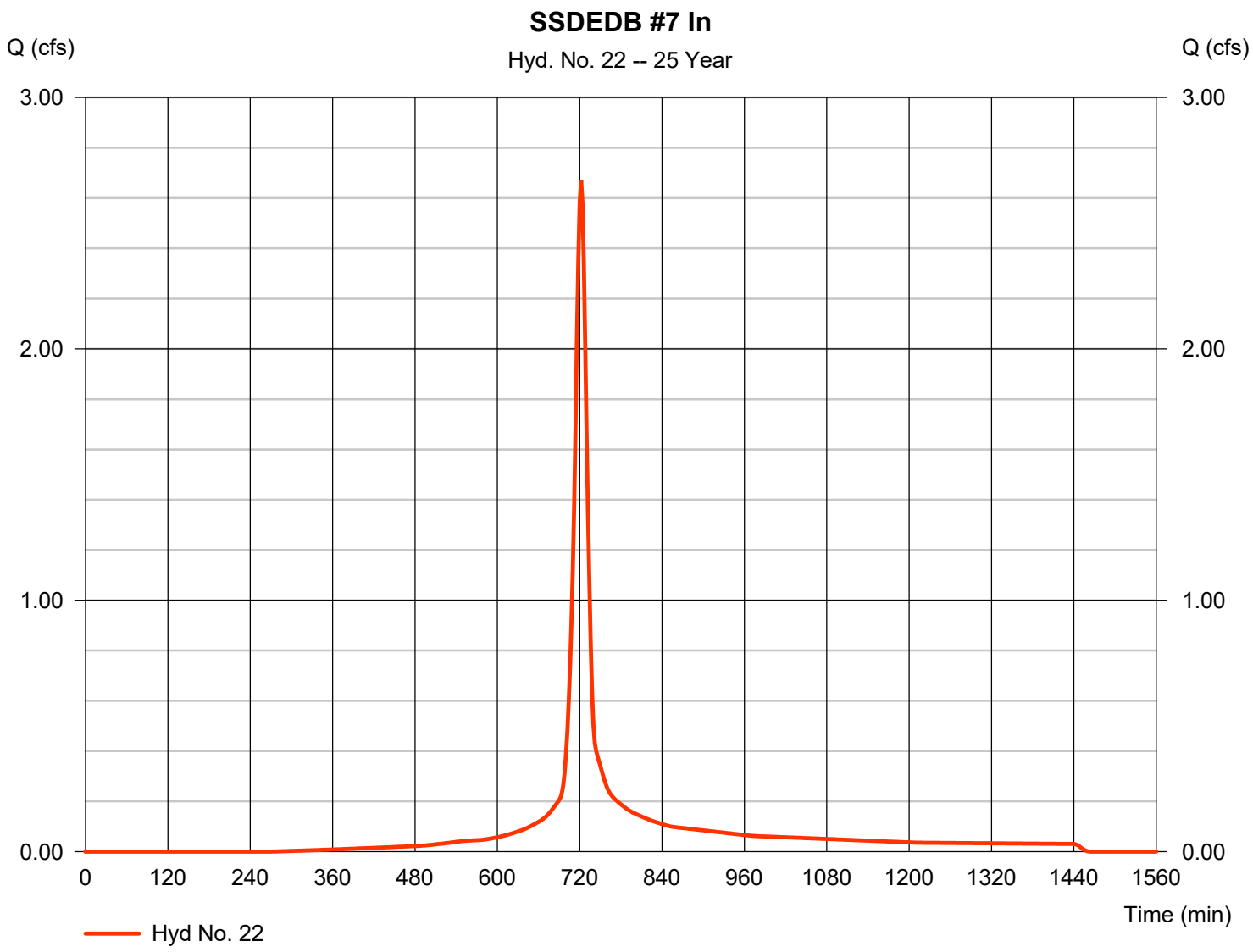
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.670 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,705 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

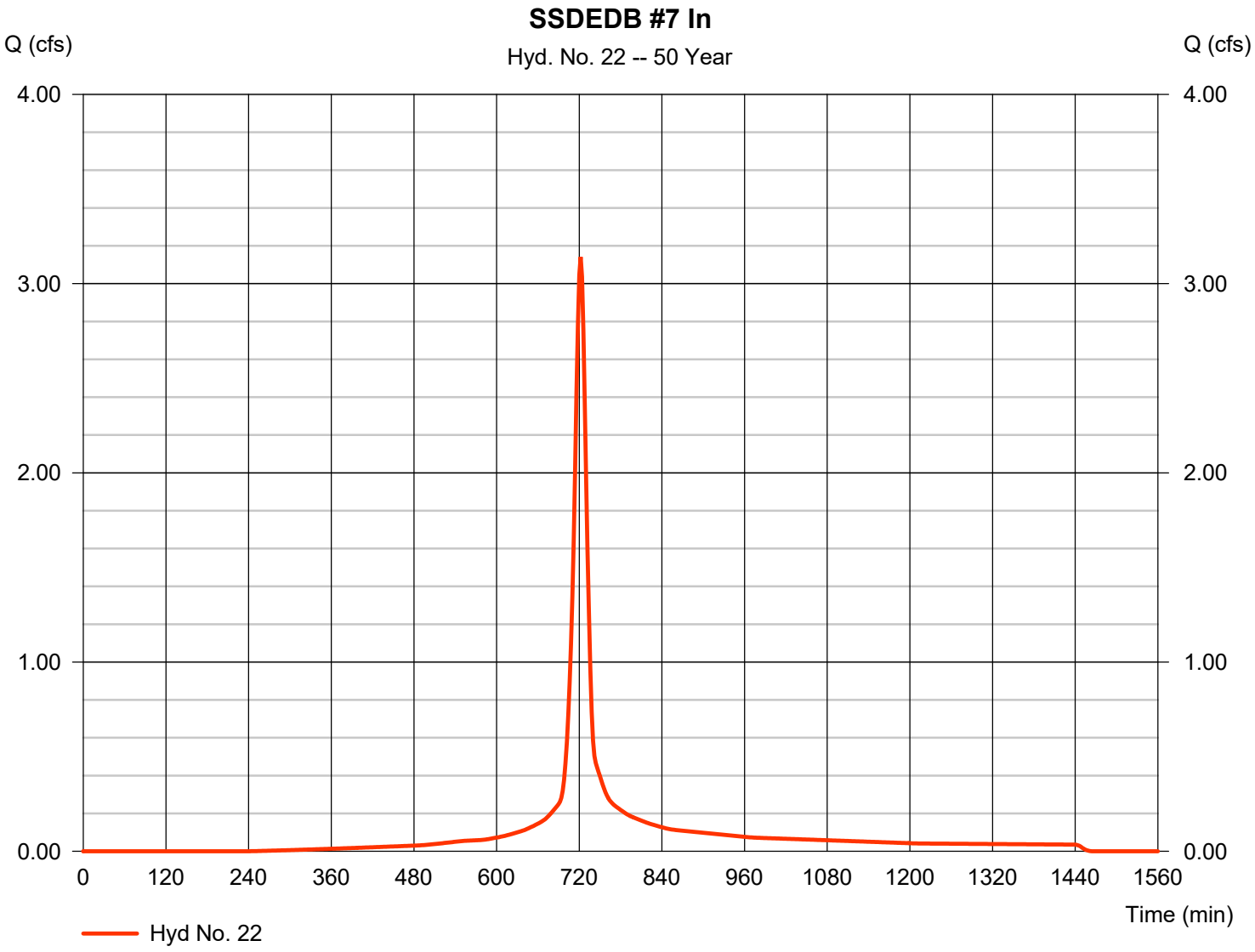
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.141 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,141 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



Hydrograph Report

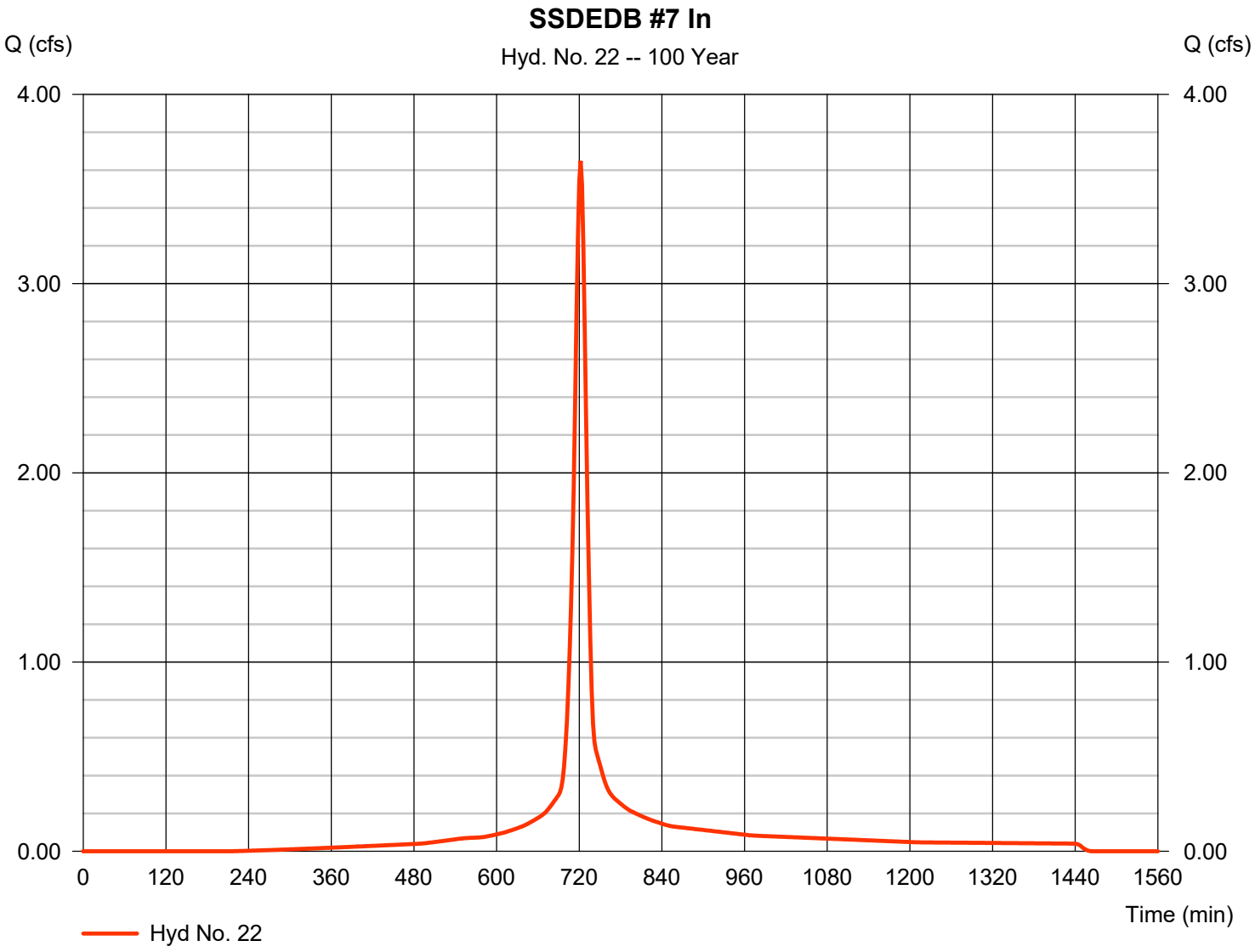
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 22

SSDEDB #7 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.650 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 10,712 cuft
Drainage area	= 0.510 ac	Curve number	= 87*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.150 x 61) + (0.360 x 98)] / 0.510



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #7

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	443.9500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	444.0333	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	444.1167	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	444.2000	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	444.2833	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	444.3667	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	444.4500	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	444.5333	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	444.6167	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	444.7000	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	444.7833	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	444.8667	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	444.9500	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	445.0333	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	445.1167	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	445.2000	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	445.2833	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	445.3667	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	445.4500	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	445.5333	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	445.6167	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	445.7000	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	445.7833	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	445.8667	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	445.9500	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	446.0333	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	446.1167	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	446.2000	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	446.2833	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	446.3667	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	446.4500	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	446.5333	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	446.6167	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	446.7000	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	446.7833	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	446.8667	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	446.9500	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	447.0333	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	447.1167	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	447.2000	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	447.2833	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	447.3667	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	447.4500	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	447.5333	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	447.6167	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	447.7000	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	447.7833	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	447.8667	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	447.9500	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	448.0333	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	448.1167	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	448.2000	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	448.2833	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	448.3667	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	448.4500	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	448.5333	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	448.6167	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	448.7000	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	448.7833	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	448.8667	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	448.9500	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	449.0333	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	449.1167	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	449.2000	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	449.2833	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	449.3667	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	449.4500	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 7 - SSDEDB #7

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	443.95	n/a	0	0
0.33	444.28	n/a	199	199
0.67	444.62	n/a	199	397
1.00	444.95	n/a	374	772
1.33	445.28	n/a	428	1,200
1.67	445.62	n/a	421	1,620
2.00	445.95	n/a	412	2,033
2.33	446.28	n/a	402	2,434
2.67	446.62	n/a	389	2,823
3.00	446.95	n/a	373	3,197
3.33	447.28	n/a	354	3,550
3.67	447.62	n/a	330	3,880
4.00	447.95	n/a	296	4,177
4.33	448.28	n/a	238	4,415
4.67	448.62	n/a	203	4,617
5.00	448.95	n/a	199	4,816
5.33	449.28	n/a	199	5,015
5.50	449.45	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 443.95	443.95	0.00	0.00
Length (ft)	= 58.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 448.90	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	443.95	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	444.28	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	397	444.62	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	772	444.95	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,200	445.28	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	1,620	445.62	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,033	445.95	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	2,434	446.28	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	2,823	446.62	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	3,197	446.95	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	3,550	447.28	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	3,880	447.62	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	4,177	447.95	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	4,415	448.28	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	4,617	448.62	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	4,816	448.95	0.14 ic	0.06 ic	---	---	0.07	---	---	---	---	---	0.131
5.33	5,015	449.28	1.64 ic	0.06 ic	---	---	1.58	---	---	---	---	---	1.634
5.50	5,114	449.45	2.80 ic	0.06 ic	---	---	2.72	---	---	---	---	---	2.773

Hydrograph Report

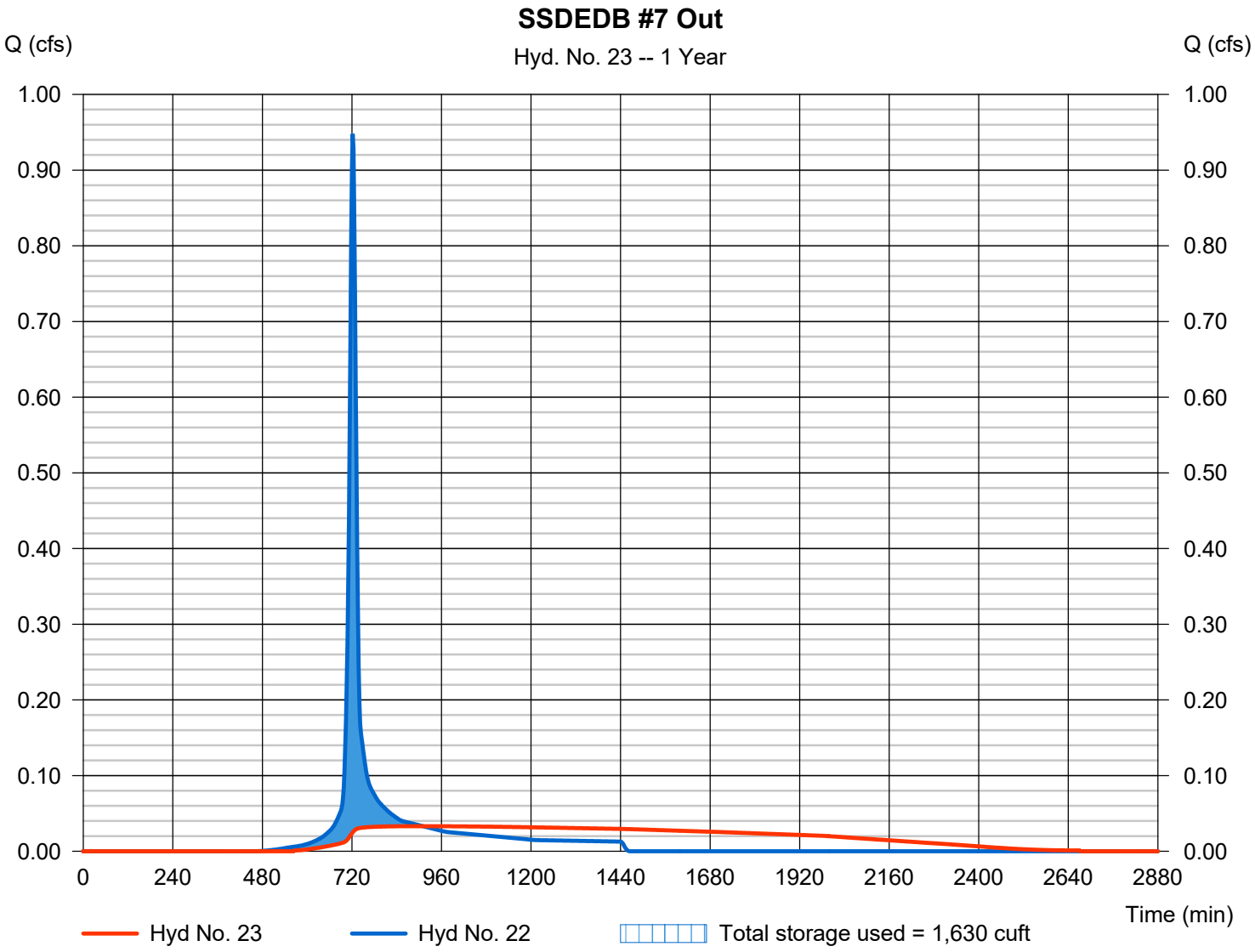
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.033 cfs
Storm frequency	= 1 yrs	Time to peak	= 910 min
Time interval	= 2 min	Hyd. volume	= 2,641 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 445.62 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 1,630 cuft

Storage Indication method used.



Hydrograph Report

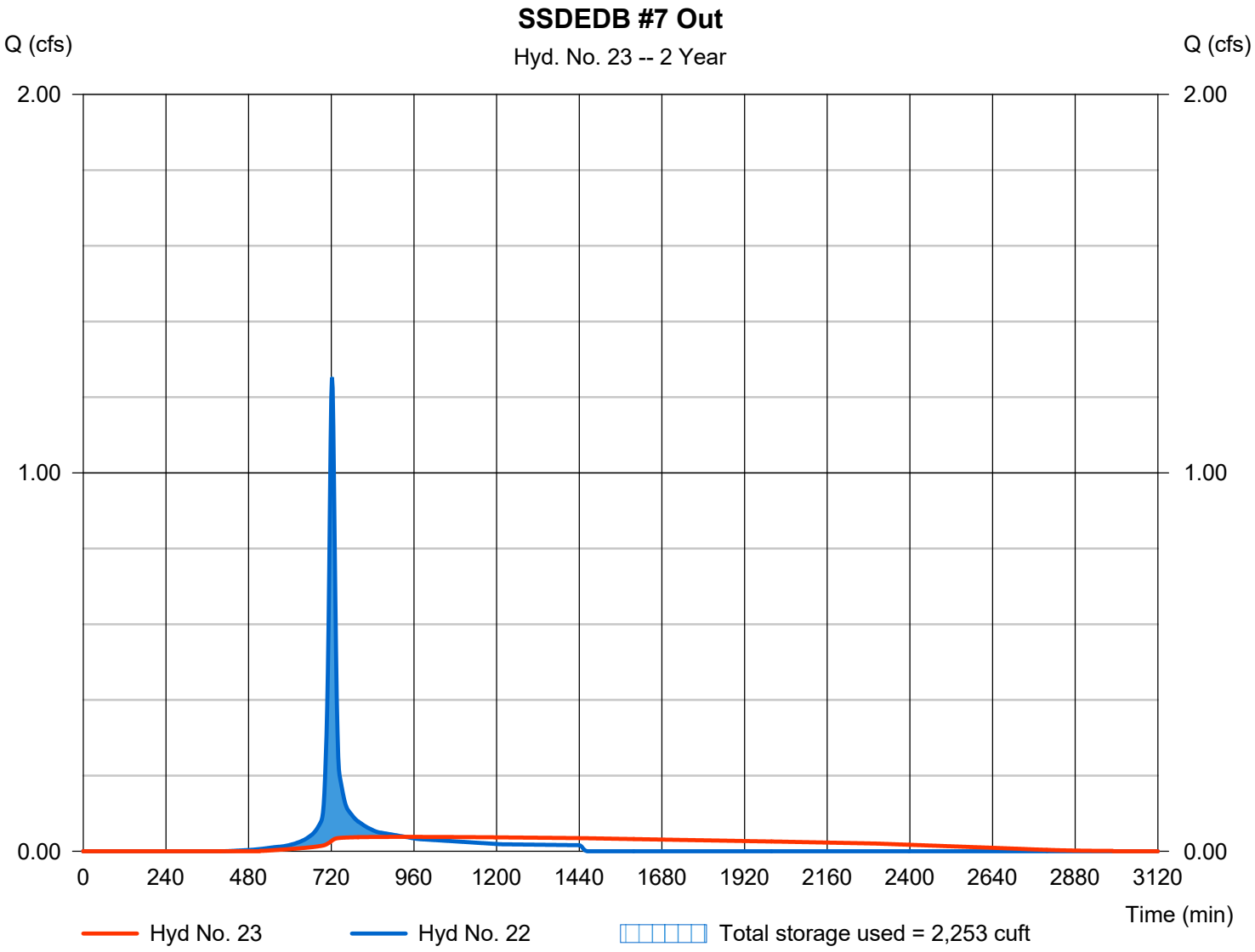
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.038 cfs
Storm frequency	= 2 yrs	Time to peak	= 934 min
Time interval	= 2 min	Hyd. volume	= 3,505 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 446.13 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 2,253 cuft

Storage Indication method used.



Hydrograph Report

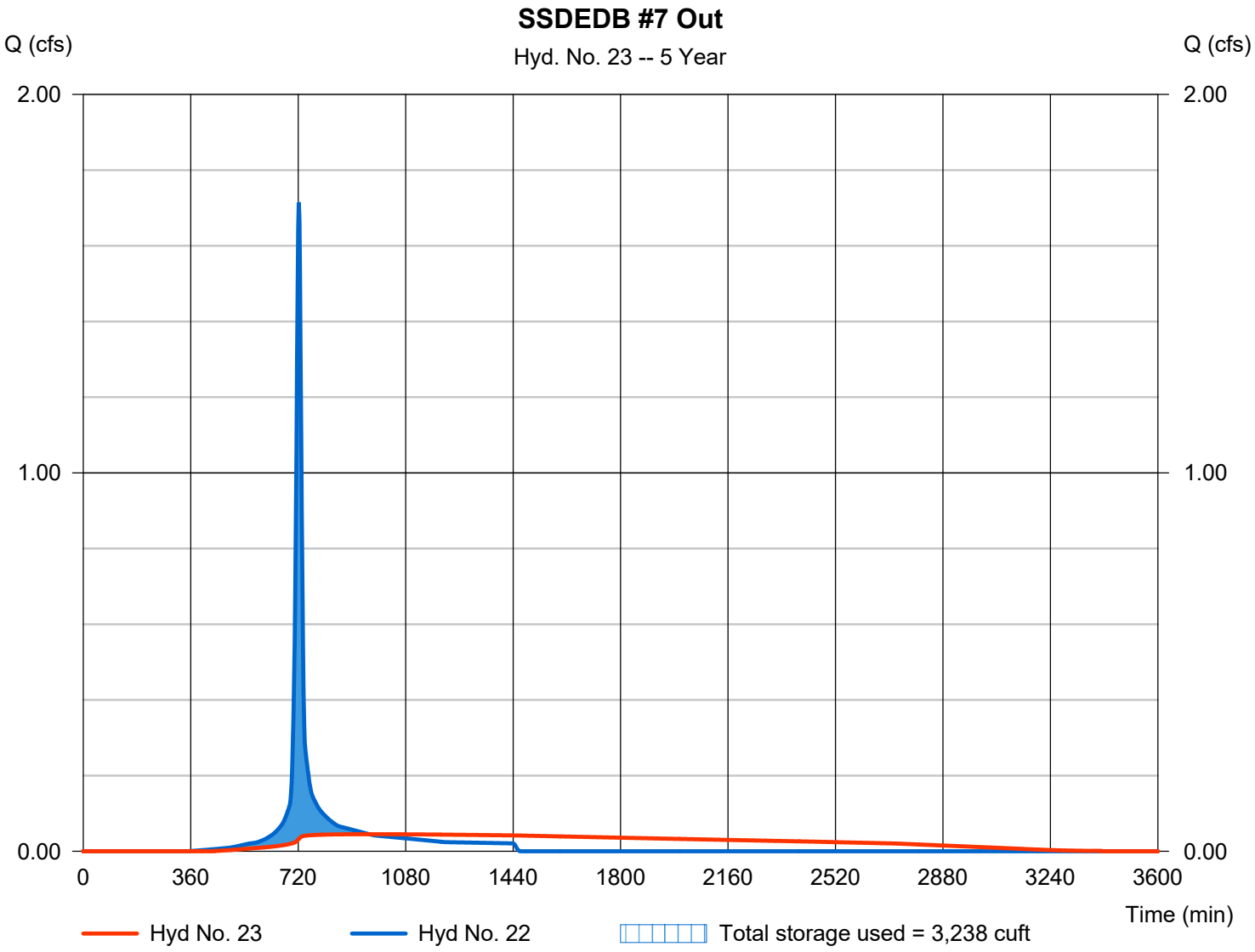
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.045 cfs
Storm frequency	= 5 yrs	Time to peak	= 958 min
Time interval	= 2 min	Hyd. volume	= 4,843 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 446.99 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 3,238 cuft

Storage Indication method used.



Hydrograph Report

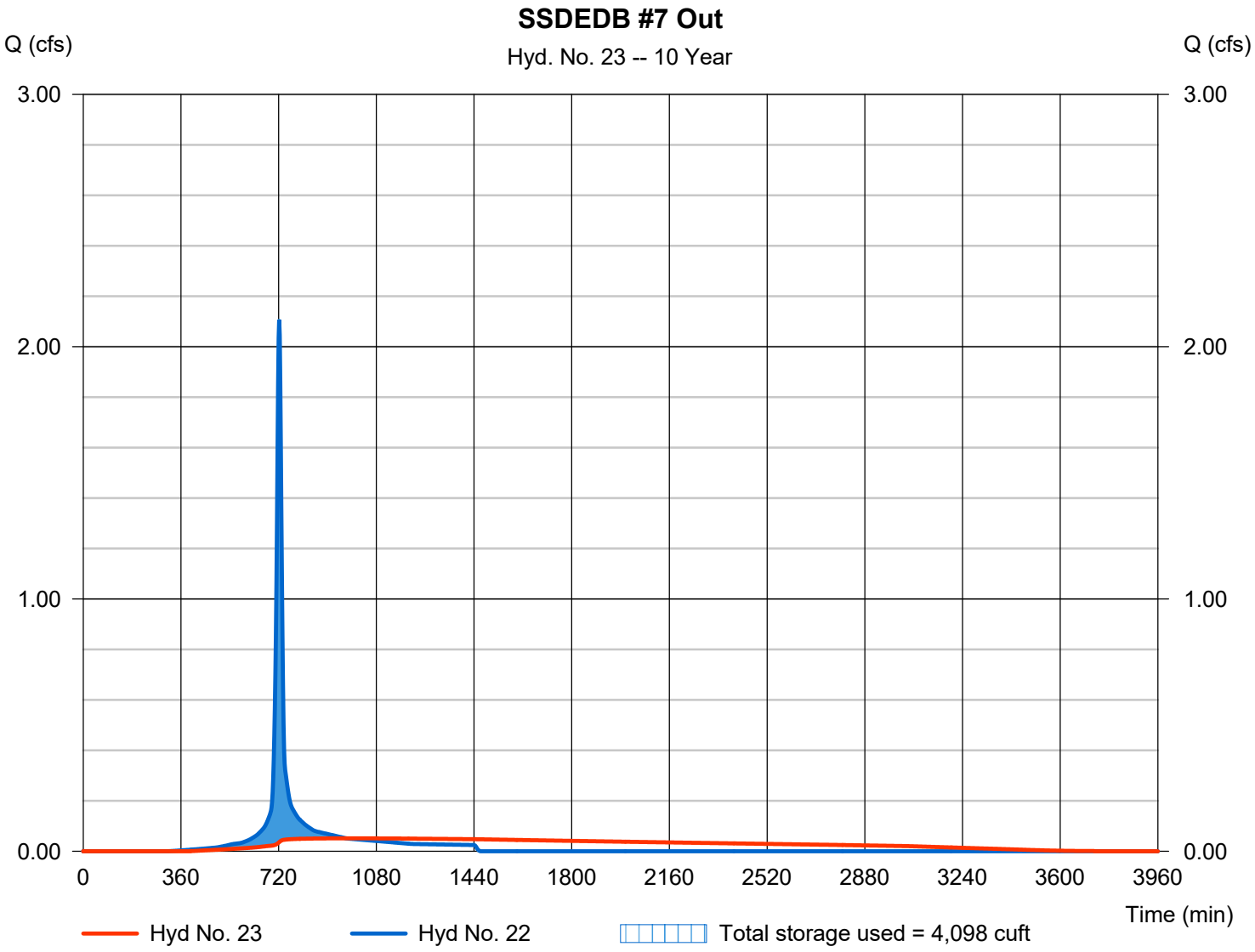
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.051 cfs
Storm frequency	= 10 yrs	Time to peak	= 968 min
Time interval	= 2 min	Hyd. volume	= 6,000 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 447.86 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 4,098 cuft

Storage Indication method used.



Hydrograph Report

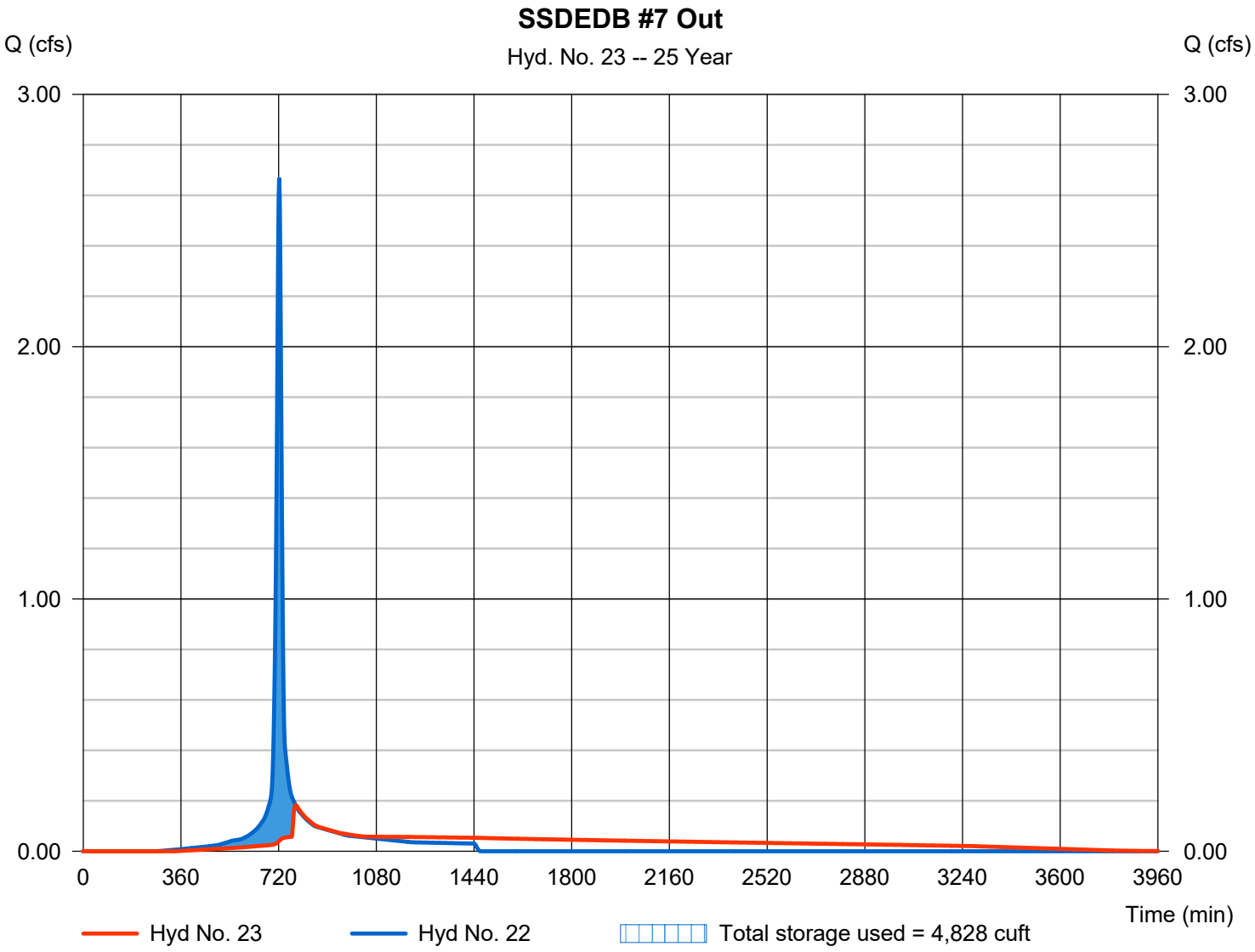
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.182 cfs
Storm frequency	= 25 yrs	Time to peak	= 782 min
Time interval	= 2 min	Hyd. volume	= 7,690 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 448.97 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 4,828 cuft

Storage Indication method used.



Hydrograph Report

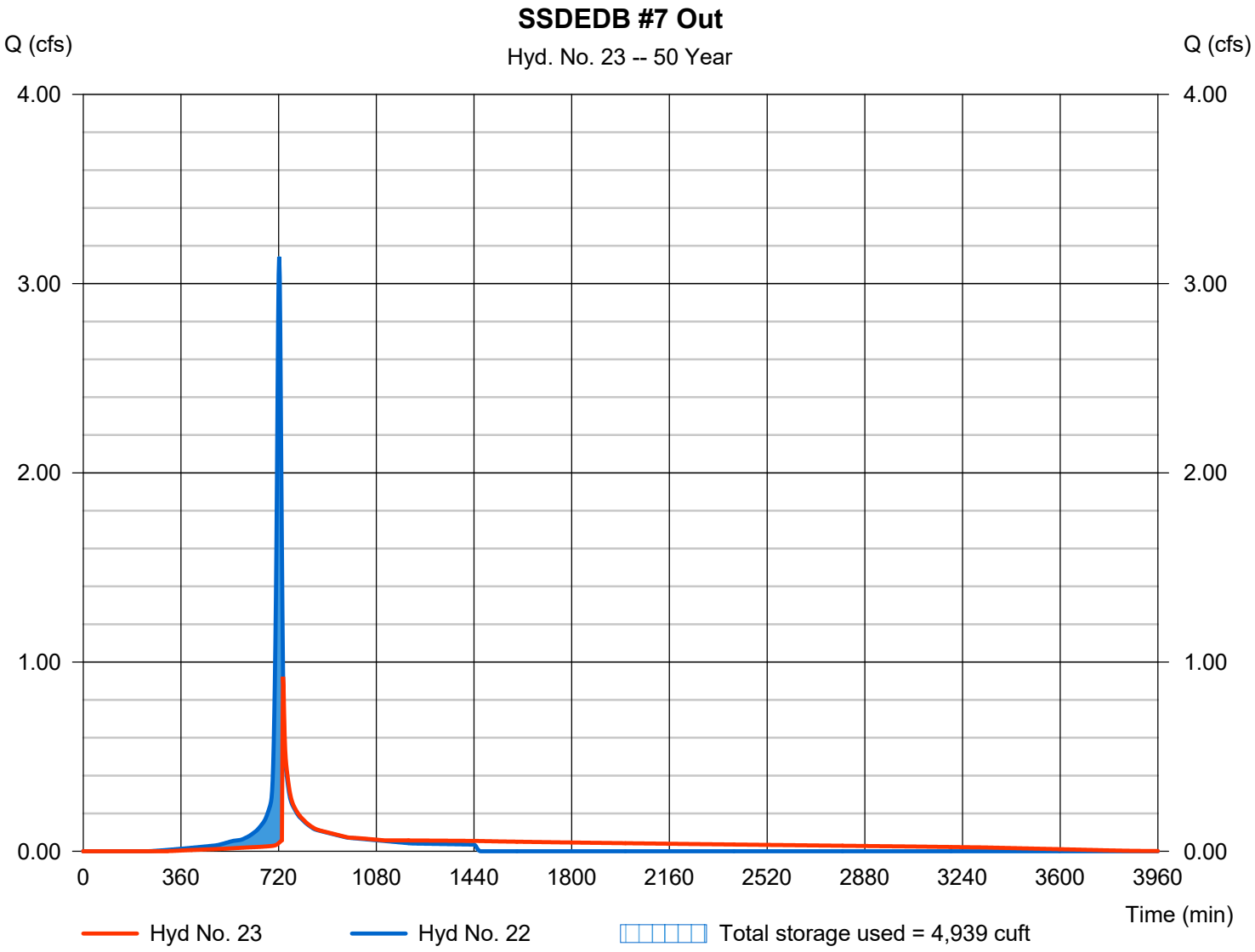
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.922 cfs
Storm frequency	= 50 yrs	Time to peak	= 736 min
Time interval	= 2 min	Hyd. volume	= 9,126 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 449.16 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 4,939 cuft

Storage Indication method used.



Hydrograph Report

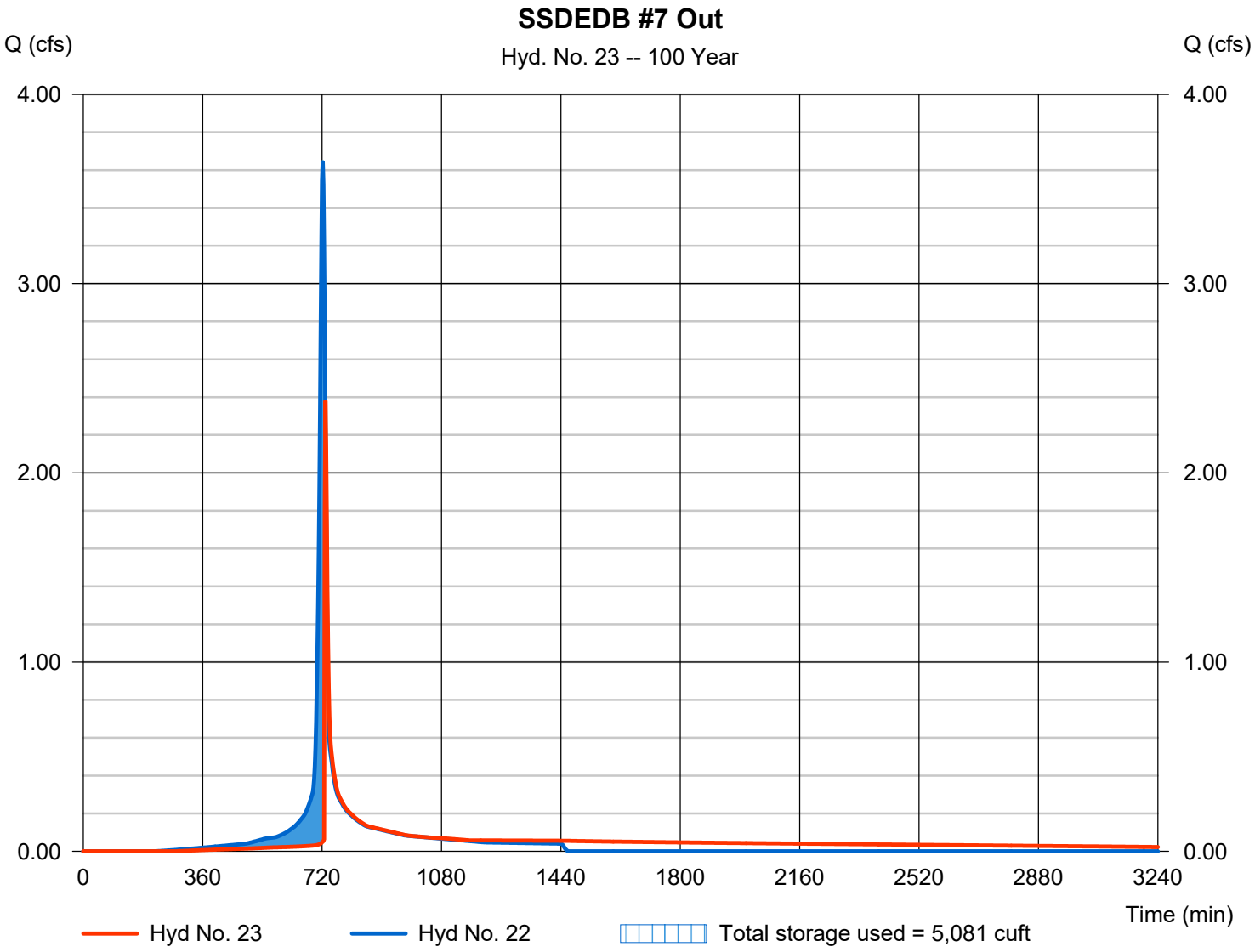
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.382 cfs
Storm frequency	= 100 yrs	Time to peak	= 730 min
Time interval	= 2 min	Hyd. volume	= 10,697 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Max. Elevation	= 449.41 ft
Reservoir name	= SSDEDB #7	Max. Storage	= 5,081 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #8

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.07	61
IMPERVIOUS	0.27	98

TOTAL 0.34

TR55 Tc Worksheet

Hyd. No. 24

SSDEDB #8 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 108.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 15.08**	**+**	**0.00**	**+**	**0.00**	**=**	**15.08**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 1.23		1.23		0.00		
Wetted perimeter (ft)	= 3.93		3.93		0.00		
Channel slope (%)	= 1.00		2.00		0.00		
Manning's n-value	= 0.012		0.012		0.015		
Velocity (ft/s)	=5.70						
			8.06				
					0.00		
Flow length (ft)	({0})16.0		12.0		0.0		
Travel Time (min)	**= 0.05**	**+**	**0.02**	**+**	**0.00**	**=**	**0.07**

Total Travel Time, Tc ..... 15.20 min

Hydrograph Report

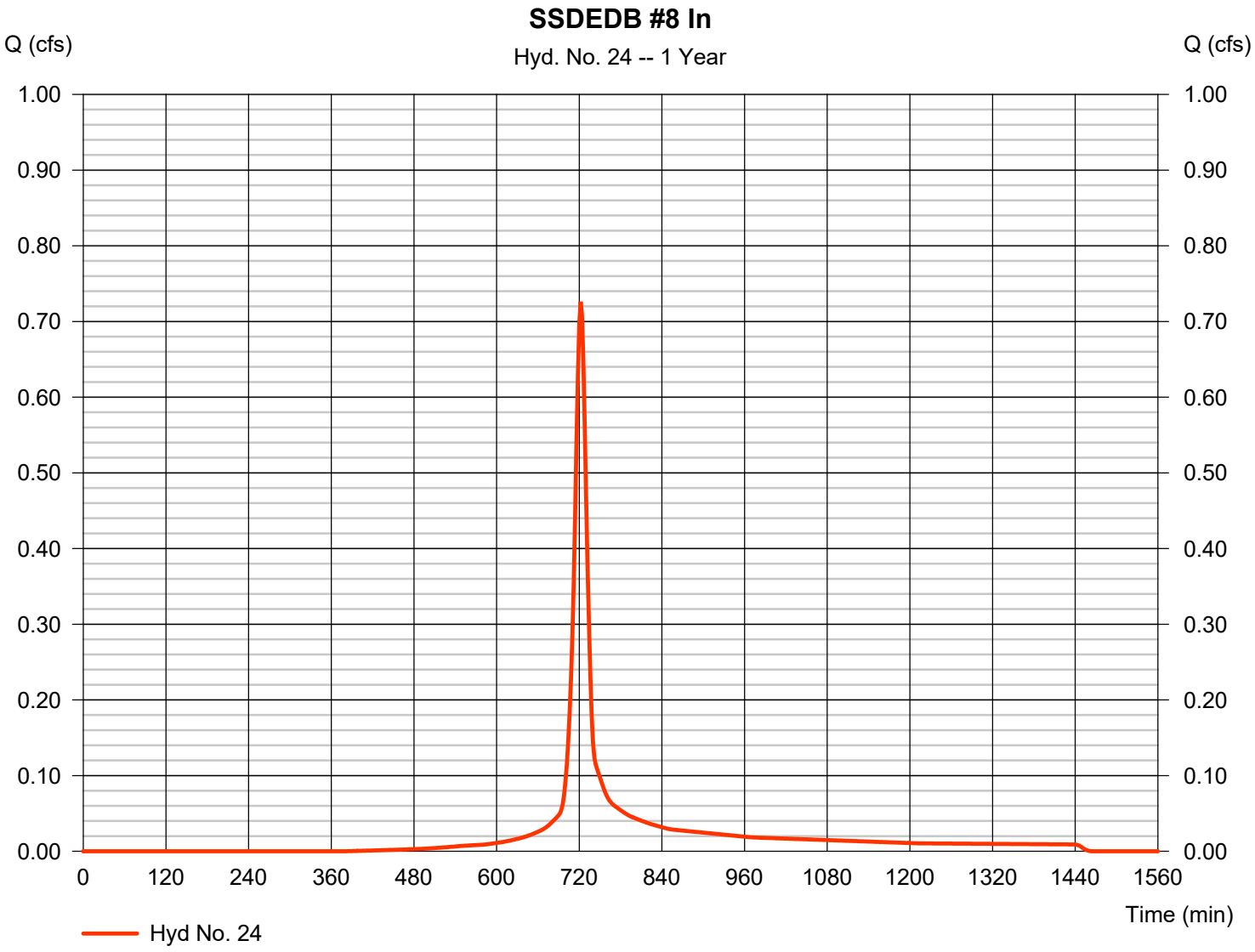
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.726 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 2,048 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

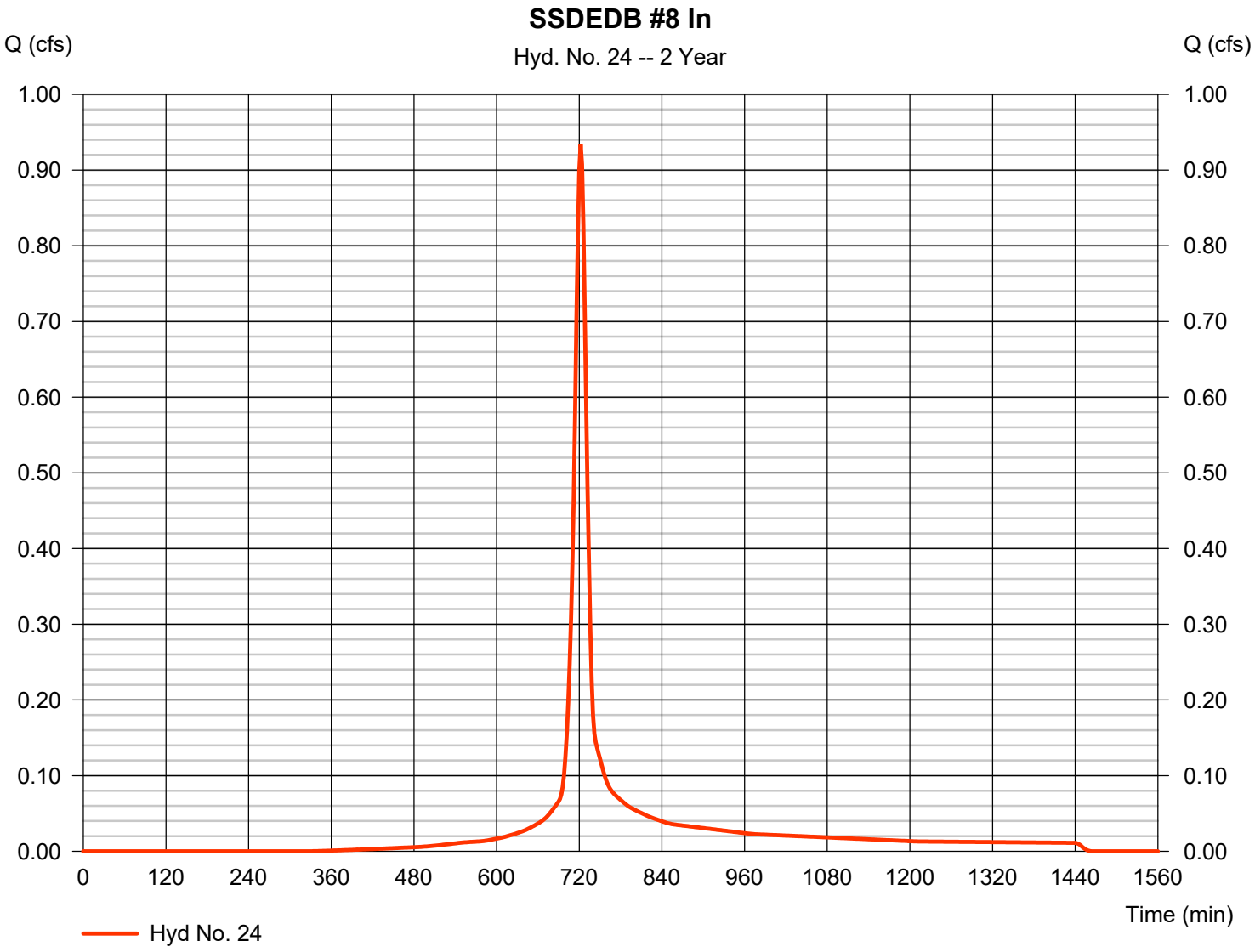
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.934 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 2,654 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

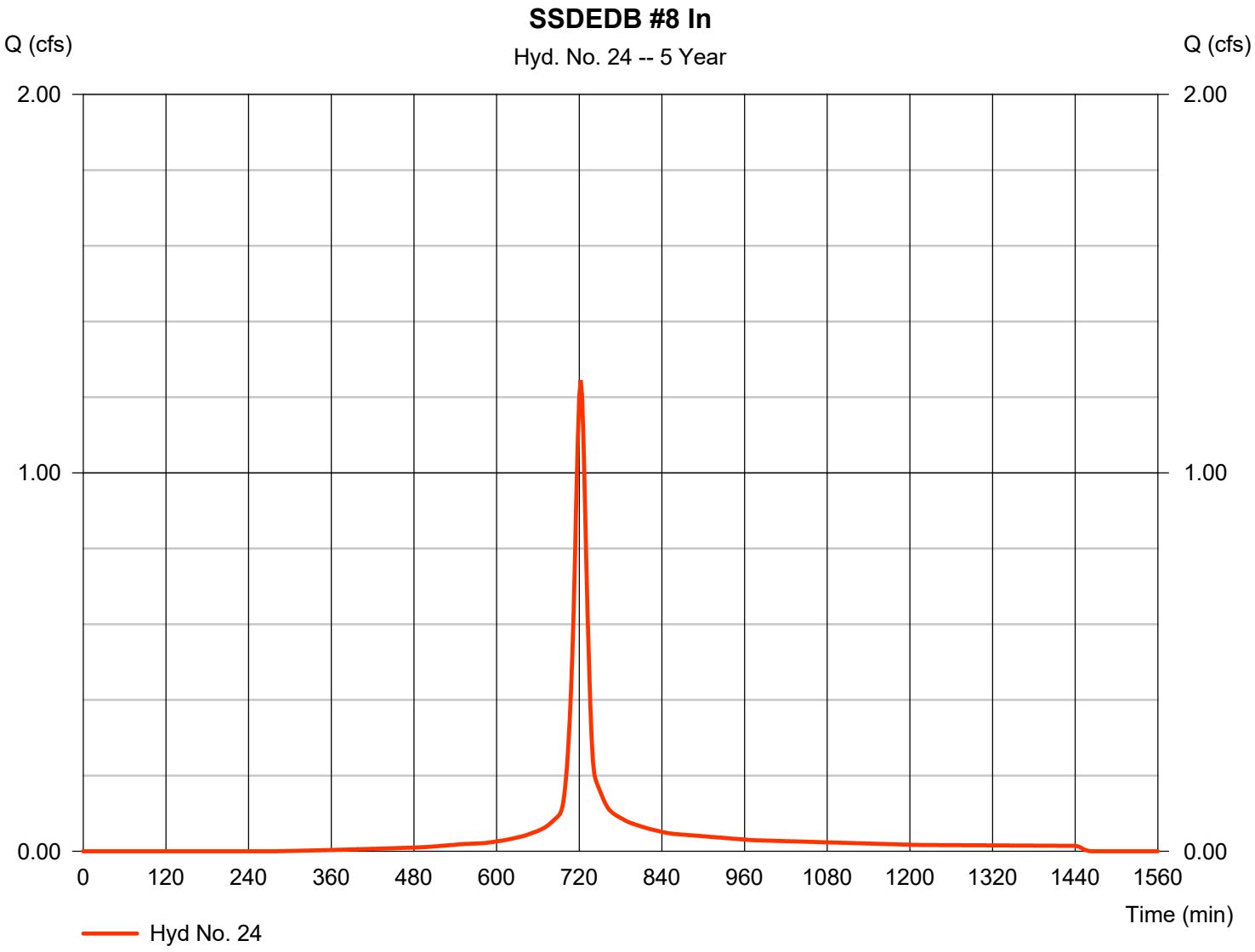
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.245 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,581 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

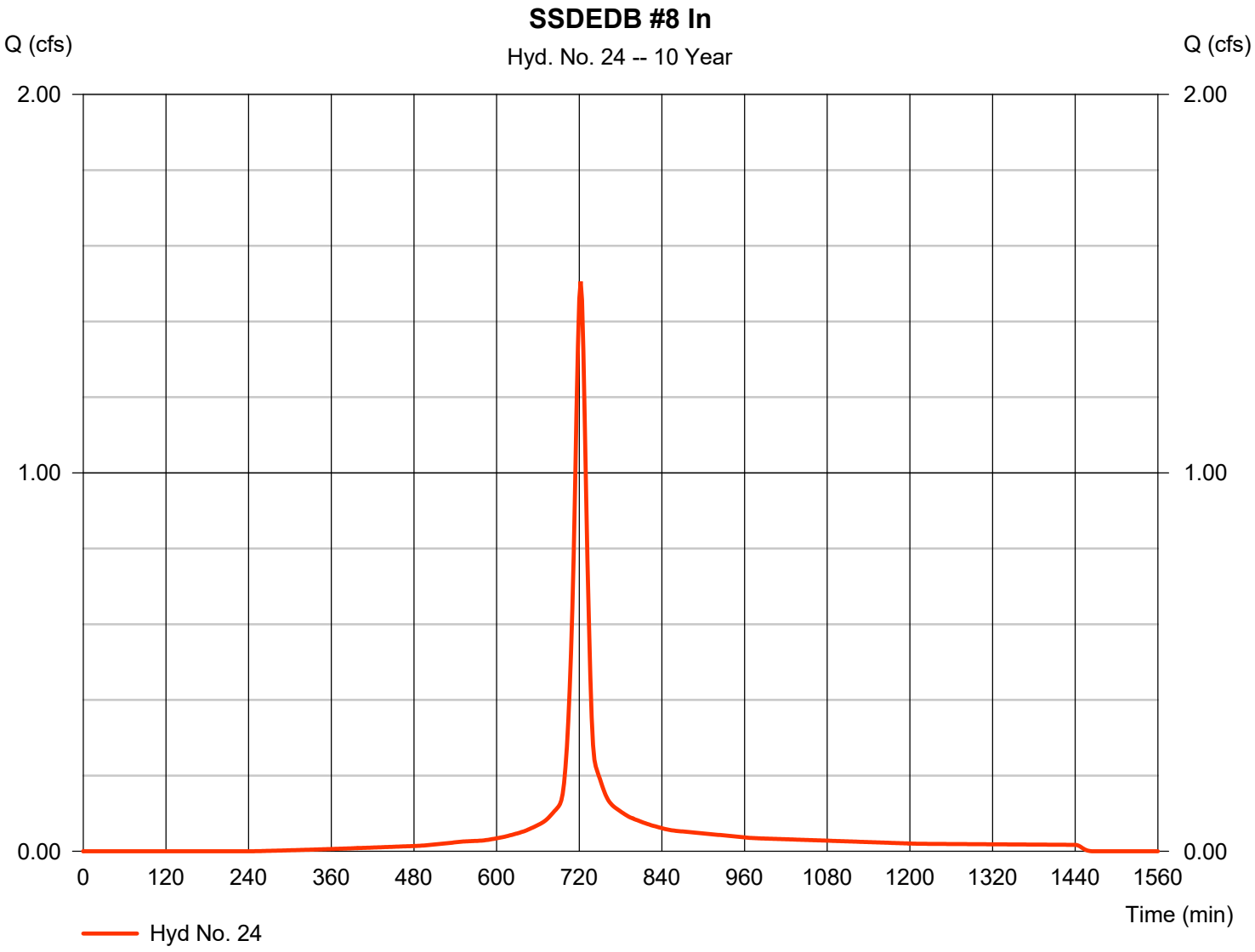
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.506 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 4,375 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

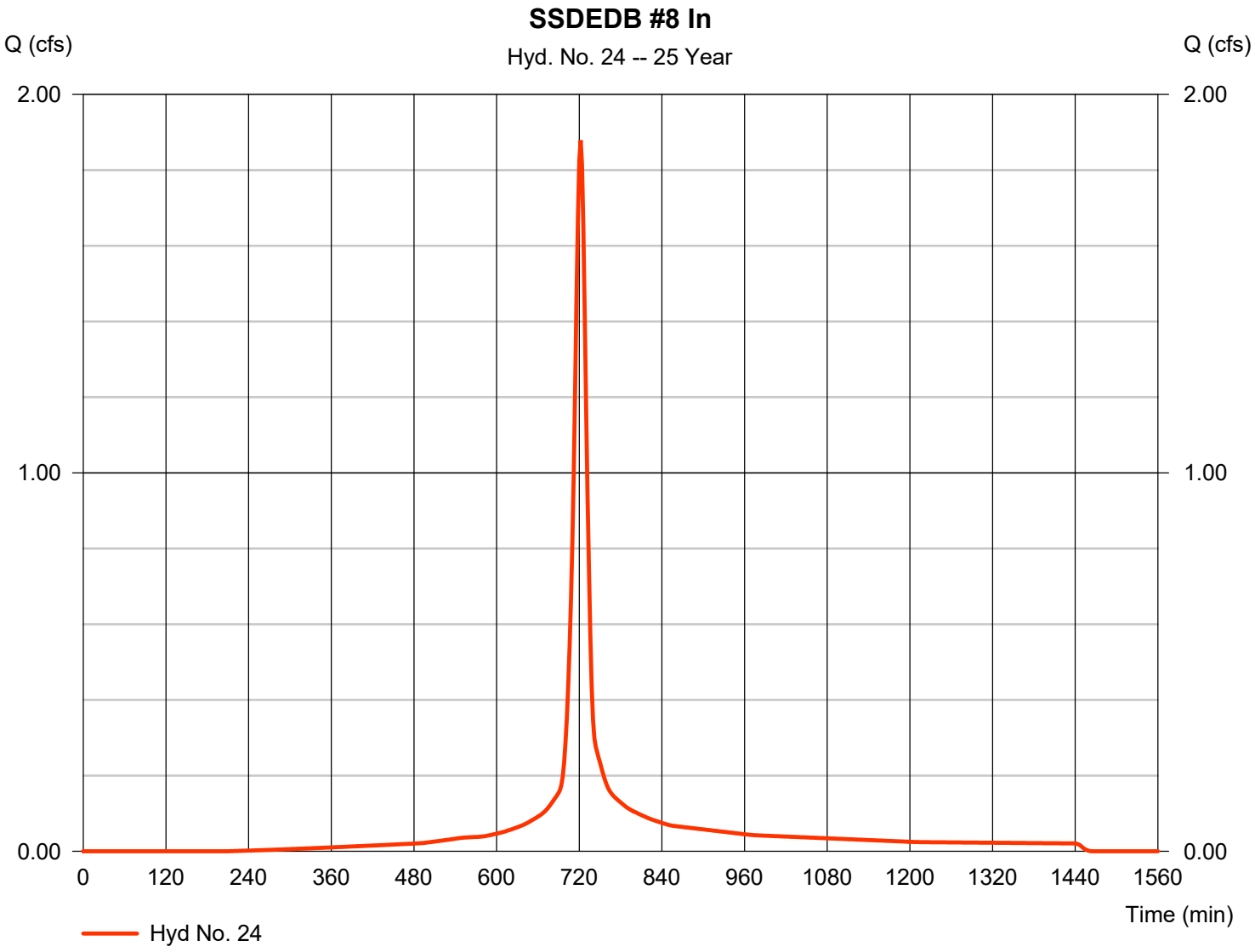
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.879 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,527 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

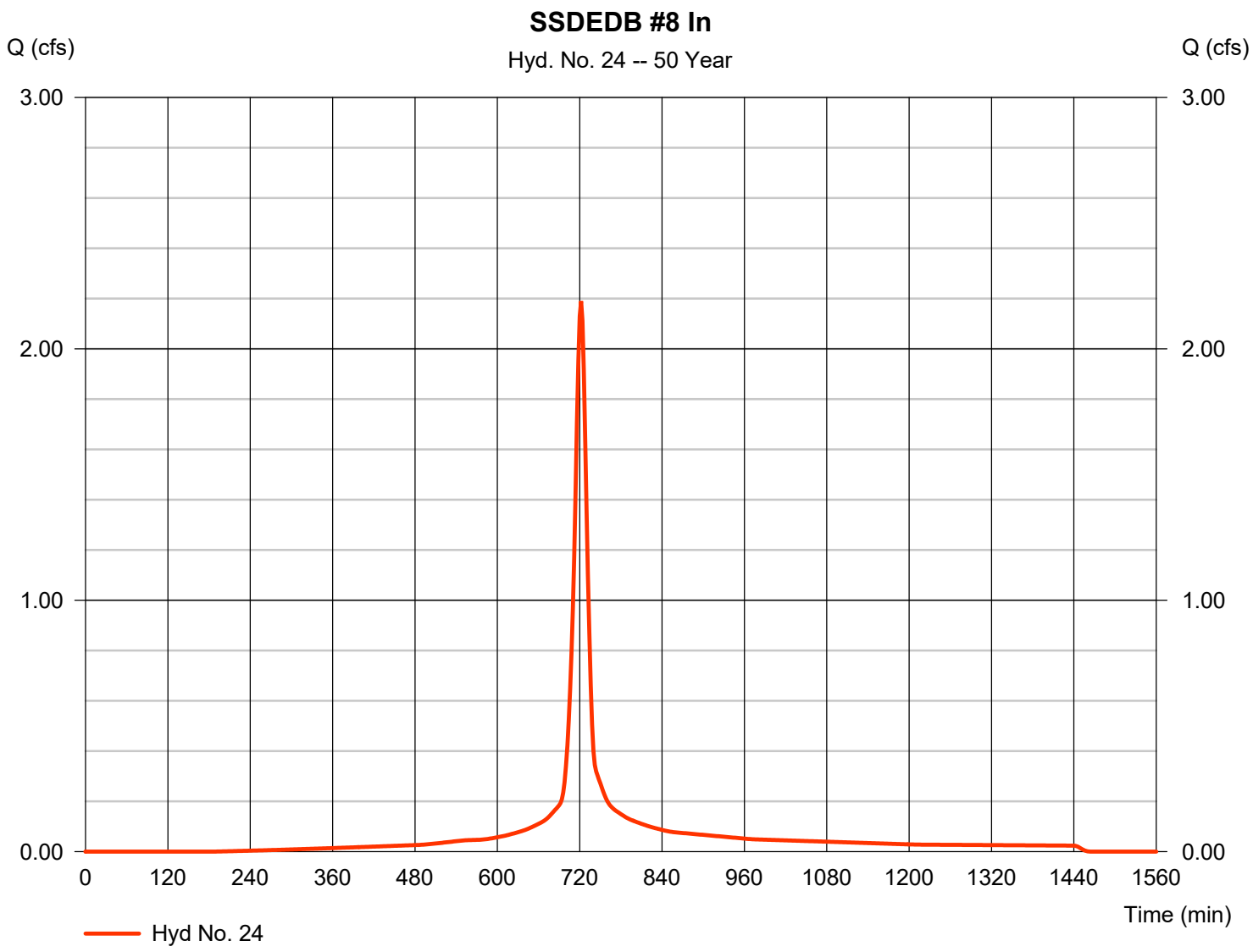
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.190 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 6,501 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



Hydrograph Report

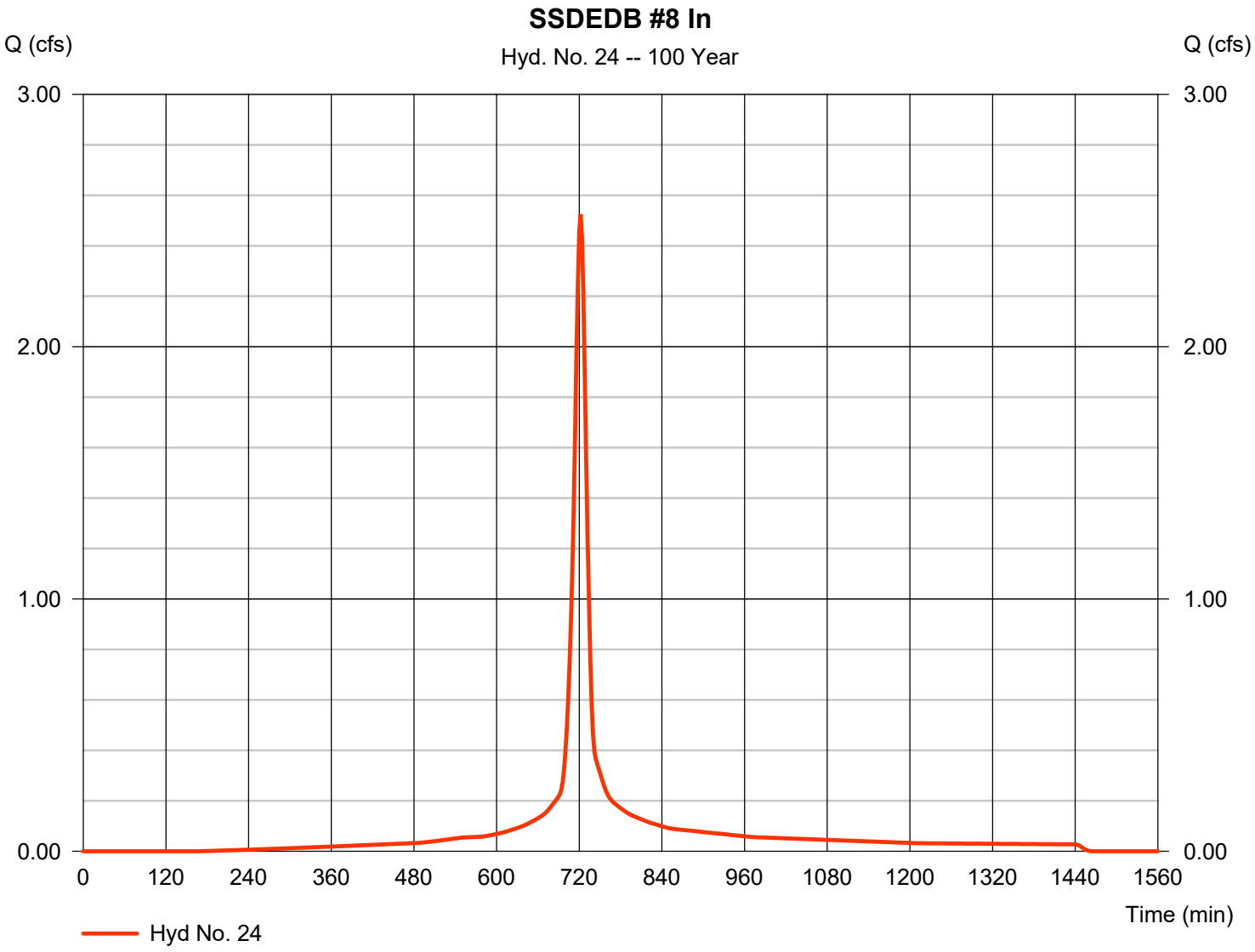
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 24

SSDEDB #8 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.525 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,562 cuft
Drainage area	= 0.340 ac	Curve number	= 90*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.20 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.270 x 98)] / 0.340



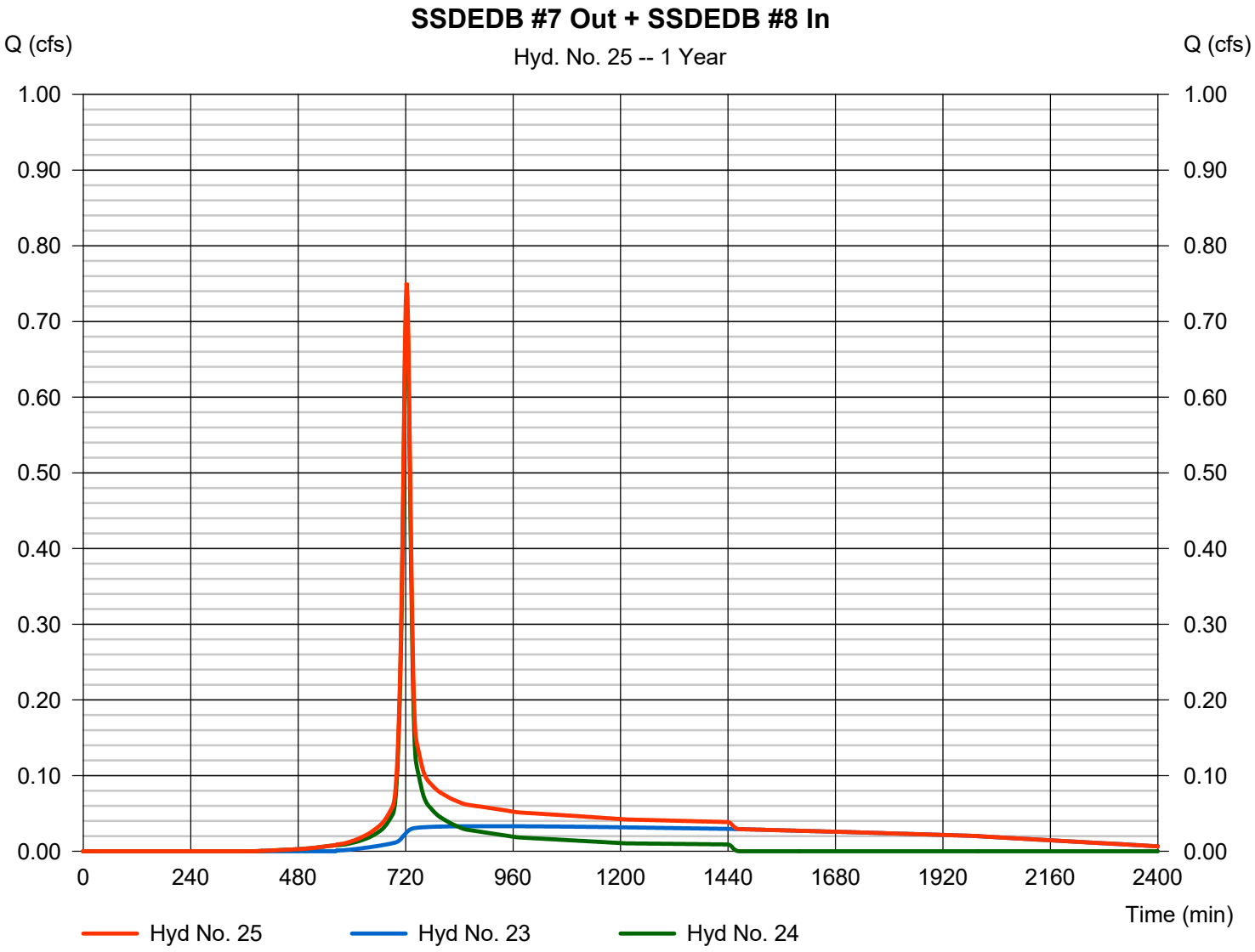
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 0.751 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 4,688 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



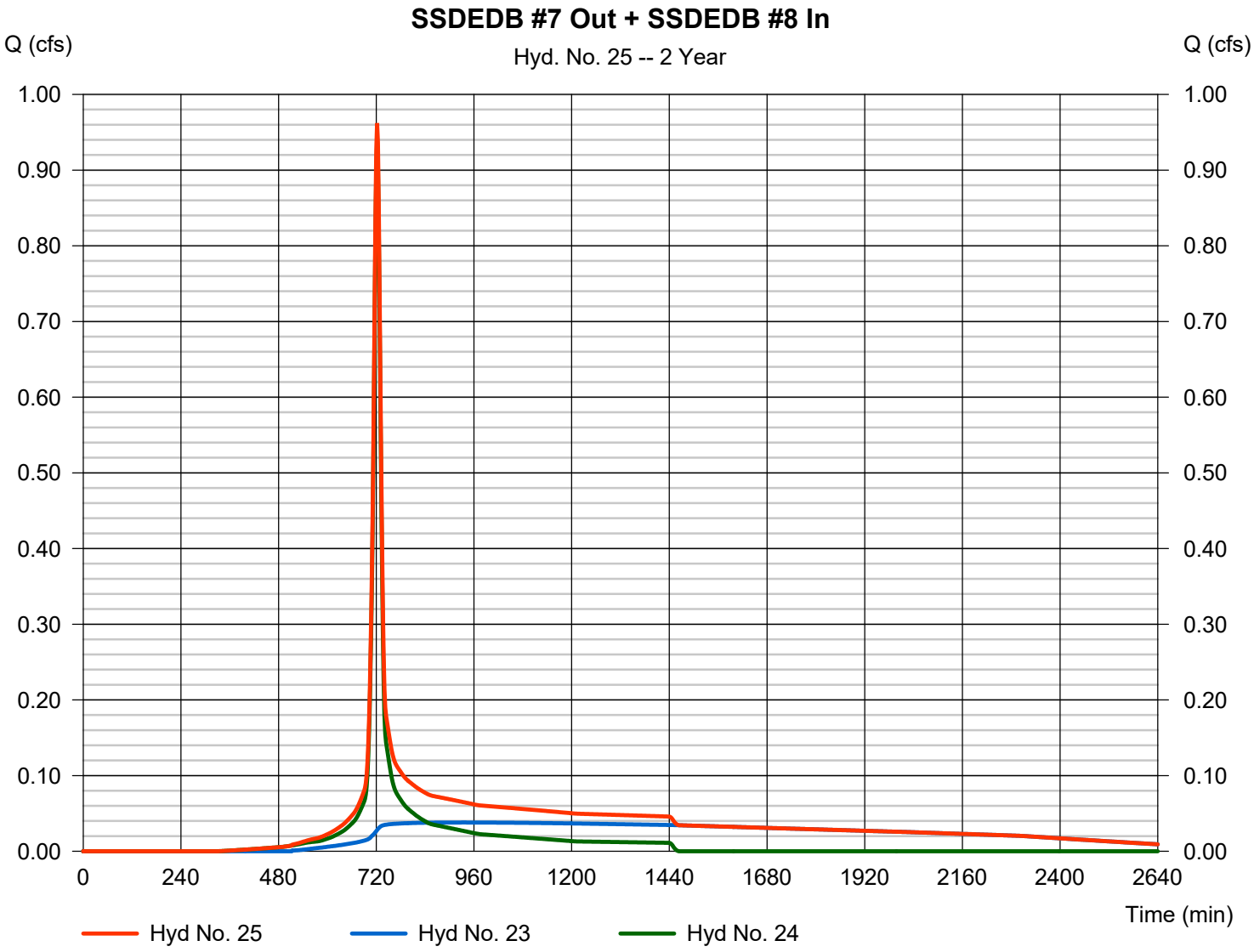
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 0.962 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 6,159 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



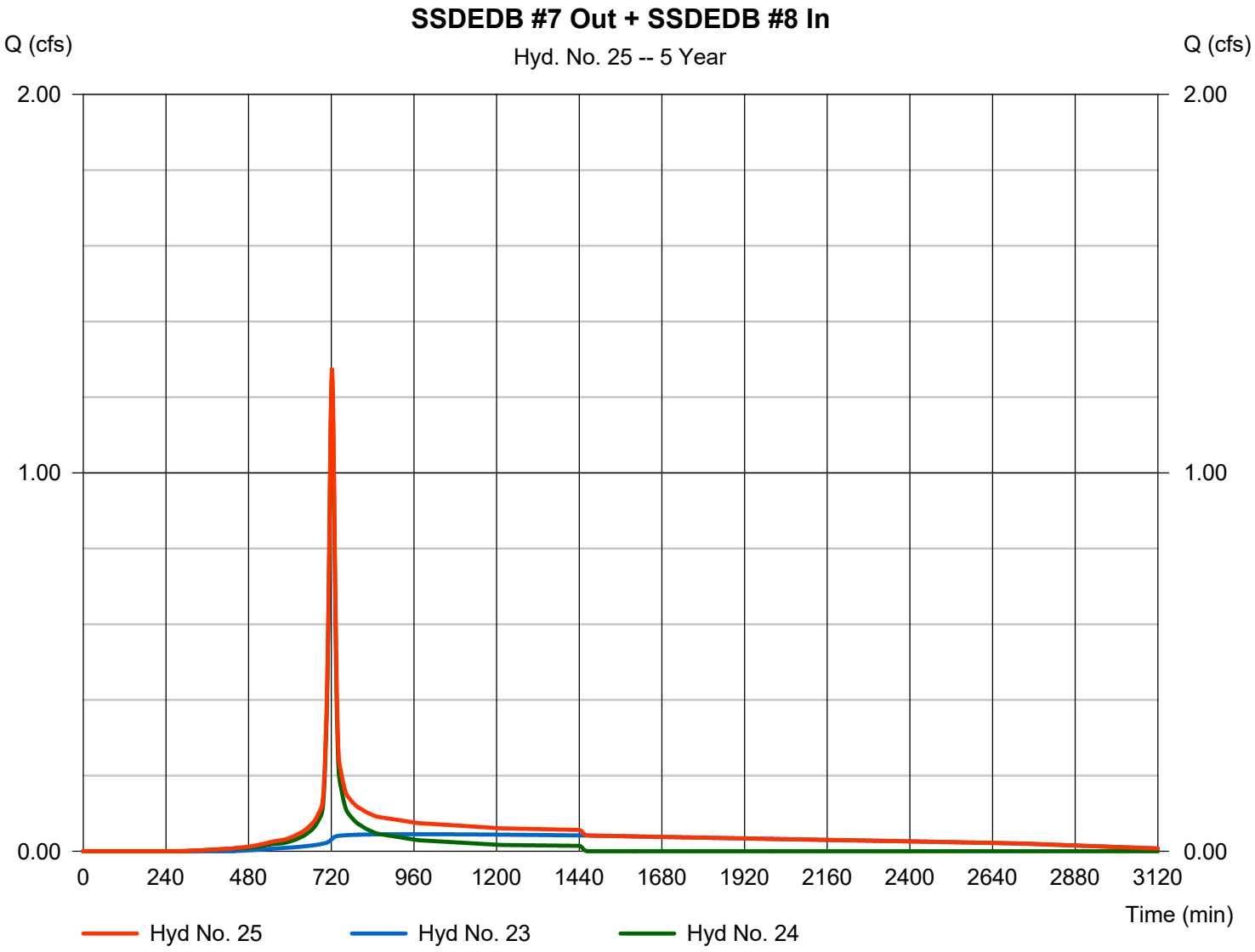
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 1.277 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 8,425 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



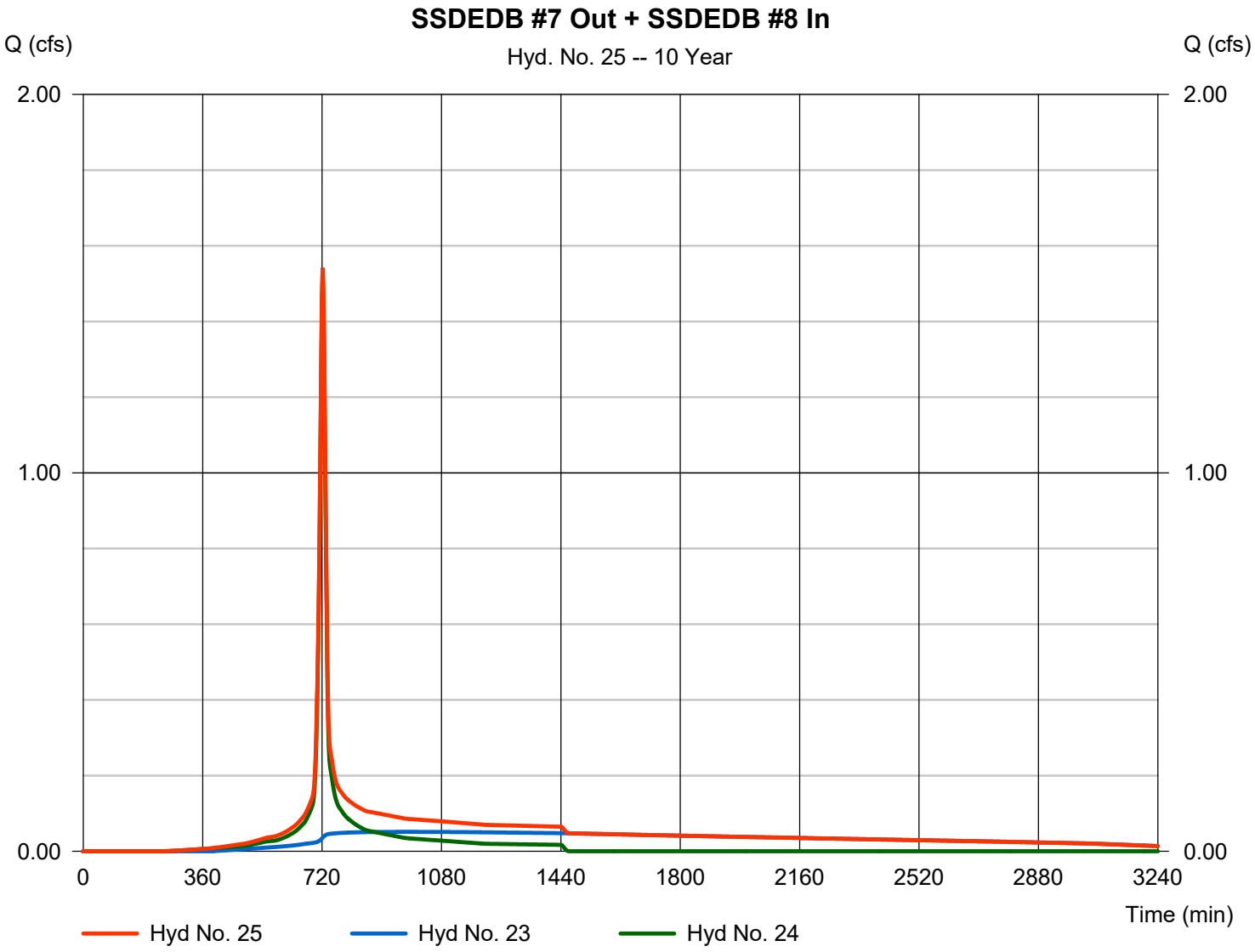
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 1.542 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 10,375 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



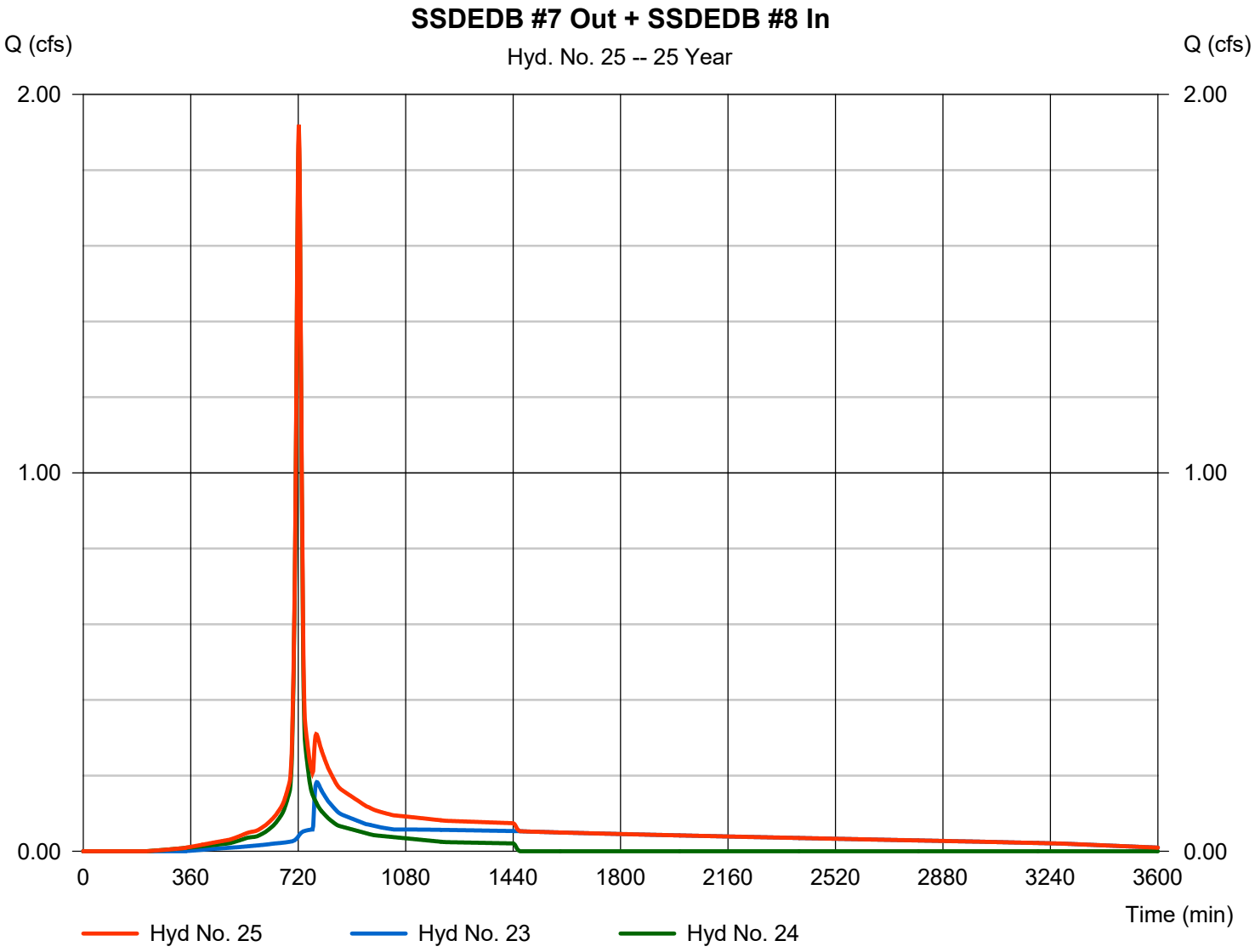
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 1.920 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,217 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



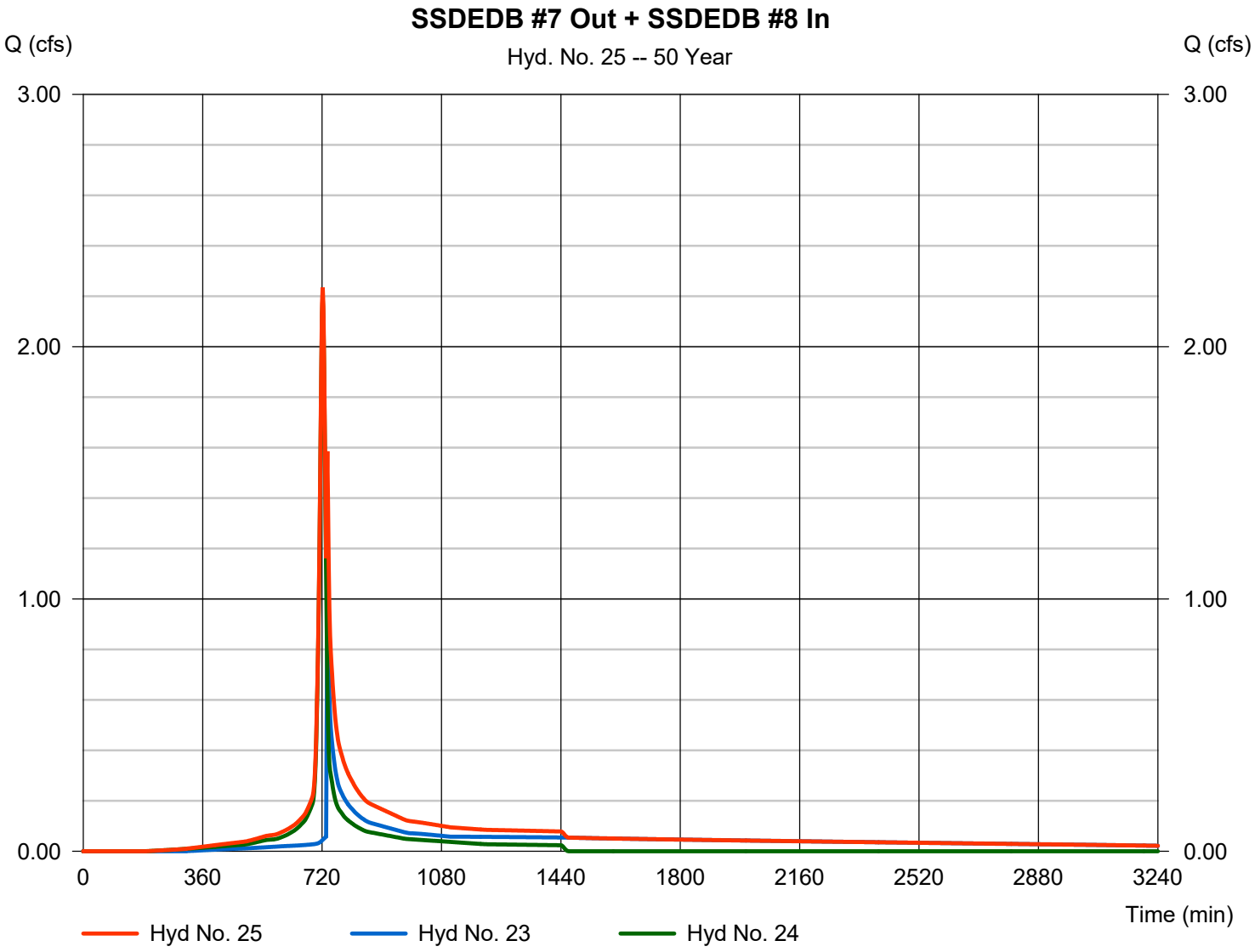
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 2.235 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 15,627 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



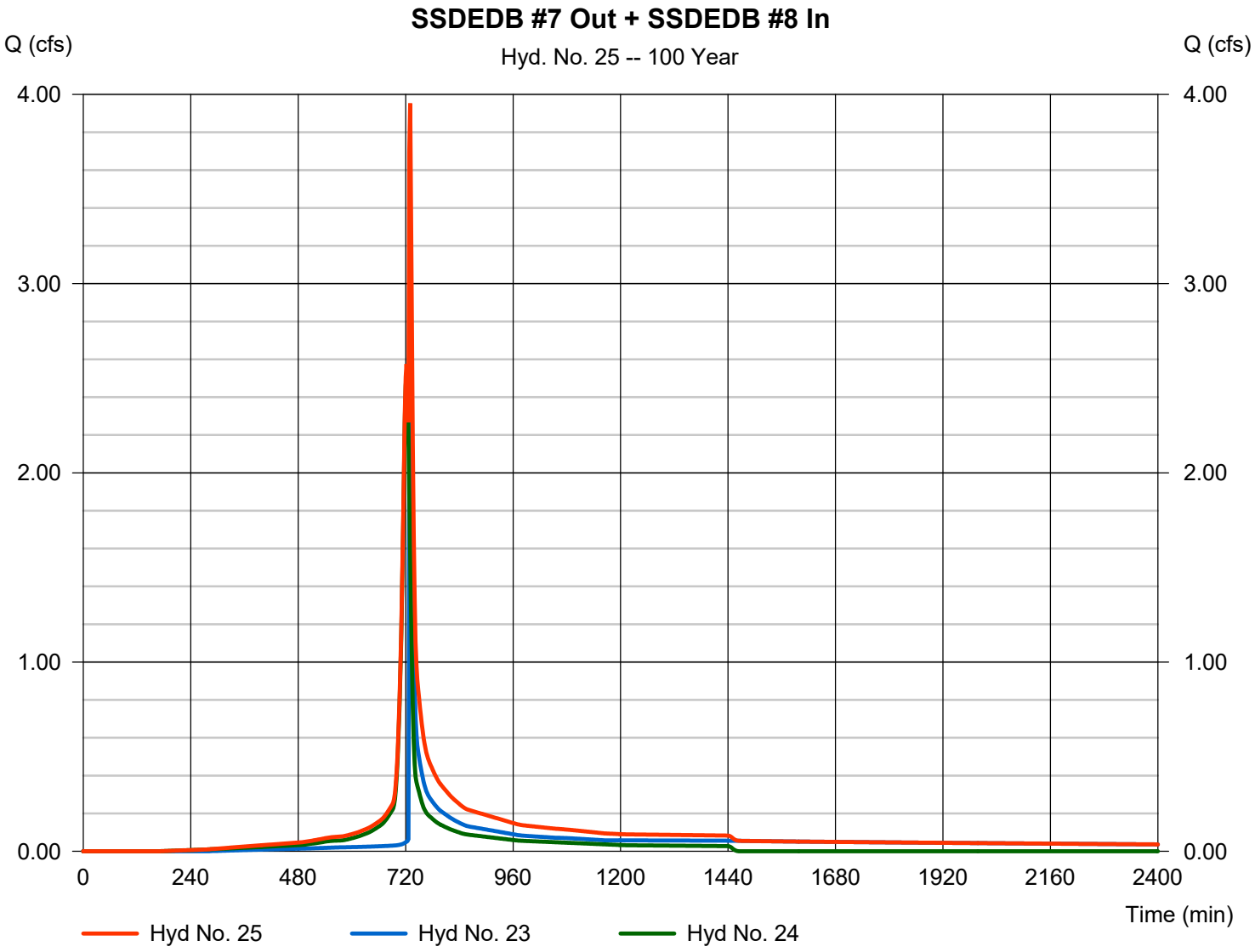
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 25

SSDEDB #7 Out + SSDEDB #8 In

Hydrograph type	= Combine	Peak discharge	= 3.953 cfs
Storm frequency	= 100 yrs	Time to peak	= 730 min
Time interval	= 2 min	Hyd. volume	= 18,259 cuft
Inflow hyds.	= 23, 24	Contrib. drain. area	= 0.340 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #8

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	437.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	437.0833	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	437.1667	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	437.2500	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	437.3333	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	437.4167	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	437.5000	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	437.5833	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	437.6667	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	437.7500	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	437.8333	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	437.9167	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	438.0000	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	438.0833	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	438.1667	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	438.2500	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	438.3333	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	438.4167	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	438.5000	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	438.5833	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	438.6667	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	438.7500	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	438.8333	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	438.9167	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	439.0000	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	439.0833	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	439.1667	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	439.2500	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	439.3333	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	439.4167	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	439.5000	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	439.5833	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	439.6667	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	439.7500	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	439.8333	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	439.9167	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	440.0000	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	440.0833	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	440.1667	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	440.2500	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	440.3333	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	440.4167	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	440.5000	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	440.5833	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	440.6667	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	440.7500	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	440.8333	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	440.9167	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	441.0000	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	441.0833	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	441.1667	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	441.2500	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	441.3333	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	441.4167	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	441.5000	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	441.5833	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	441.6667	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	441.7500	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	441.8333	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	441.9167	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	442.0000	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	442.0833	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	442.1667	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	442.2500	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	442.3333	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	442.4167	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	442.5000	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 8 - SSDEDB #8

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	437.00	n/a	0	0
0.33	437.33	n/a	199	199
0.67	437.67	n/a	199	397
1.00	438.00	n/a	374	772
1.33	438.33	n/a	428	1,200
1.67	438.67	n/a	421	1,620
2.00	439.00	n/a	412	2,033
2.33	439.33	n/a	402	2,434
2.67	439.67	n/a	389	2,823
3.00	440.00	n/a	373	3,197
3.33	440.33	n/a	354	3,550
3.67	440.67	n/a	330	3,880
4.00	441.00	n/a	296	4,177
4.33	441.33	n/a	238	4,415
4.67	441.67	n/a	203	4,617
5.00	442.00	n/a	199	4,816
5.33	442.33	n/a	199	5,015
5.50	442.50	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 437.00	437.00	0.00	0.00
Length (ft)	= 56.00	0.00	0.00	0.00
Slope (%)	= 1.01	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 441.90	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	437.00	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	437.33	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	397	437.67	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	772	438.00	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,200	438.33	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	1,620	438.67	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,033	439.00	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	2,434	439.33	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	2,823	439.67	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	3,197	440.00	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	3,550	440.33	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	3,880	440.67	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	4,177	441.00	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	4,415	441.33	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	4,617	441.67	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	4,816	442.00	0.27 ic	0.06 ic	---	---	0.21	---	---	---	---	---	0.266
5.33	5,015	442.33	1.97 ic	0.06 ic	---	---	1.90	---	---	---	---	---	1.953
5.50	5,114	442.50	3.18 ic	0.06 ic	---	---	3.10	---	---	---	---	---	3.152

Hydrograph Report

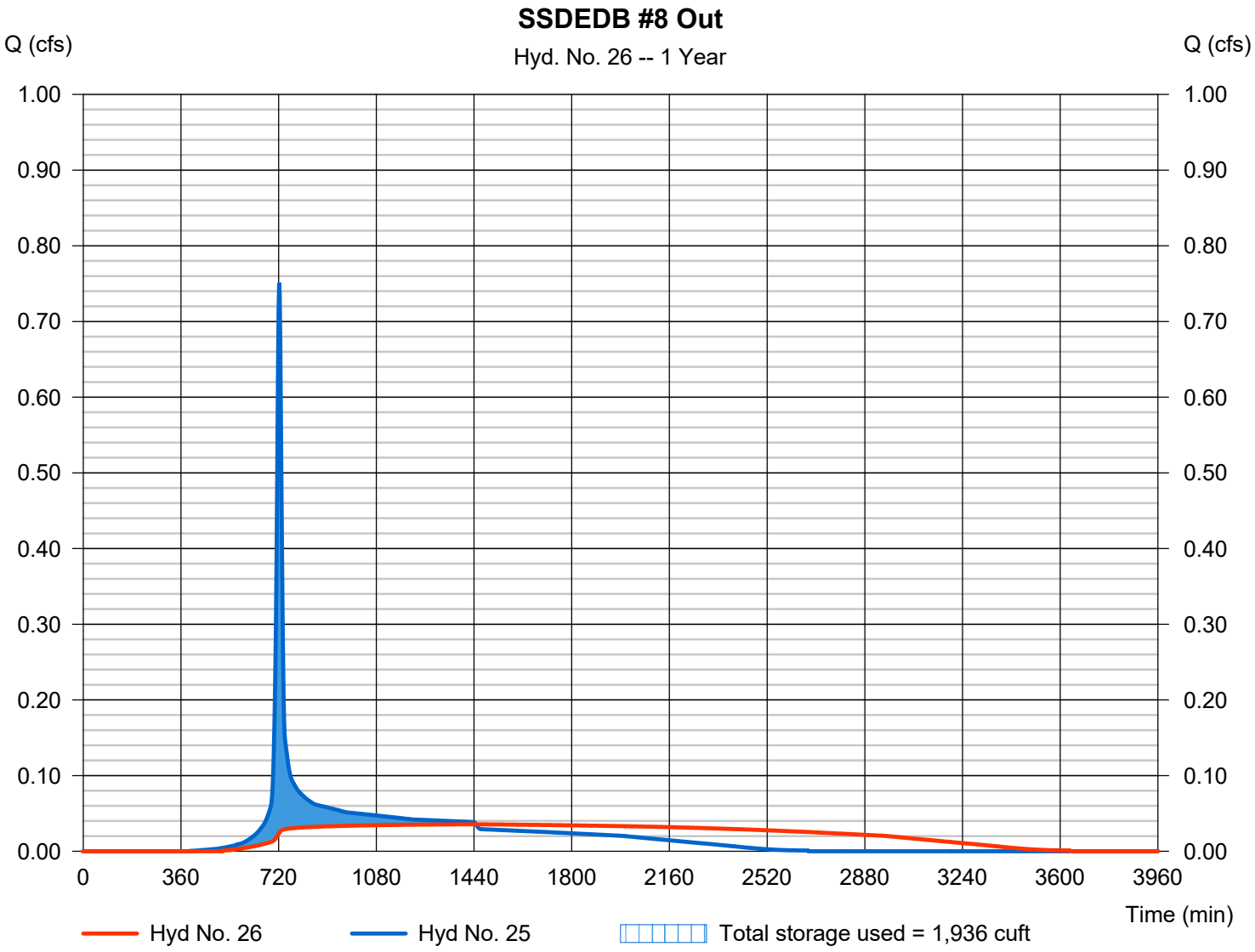
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.036 cfs
Storm frequency	= 1 yrs	Time to peak	= 1448 min
Time interval	= 2 min	Hyd. volume	= 4,673 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	= 438.92 ft
Reservoir name	= SSDEDB #8	Max. Storage	= 1,936 cuft

Storage Indication method used.



Hydrograph Report

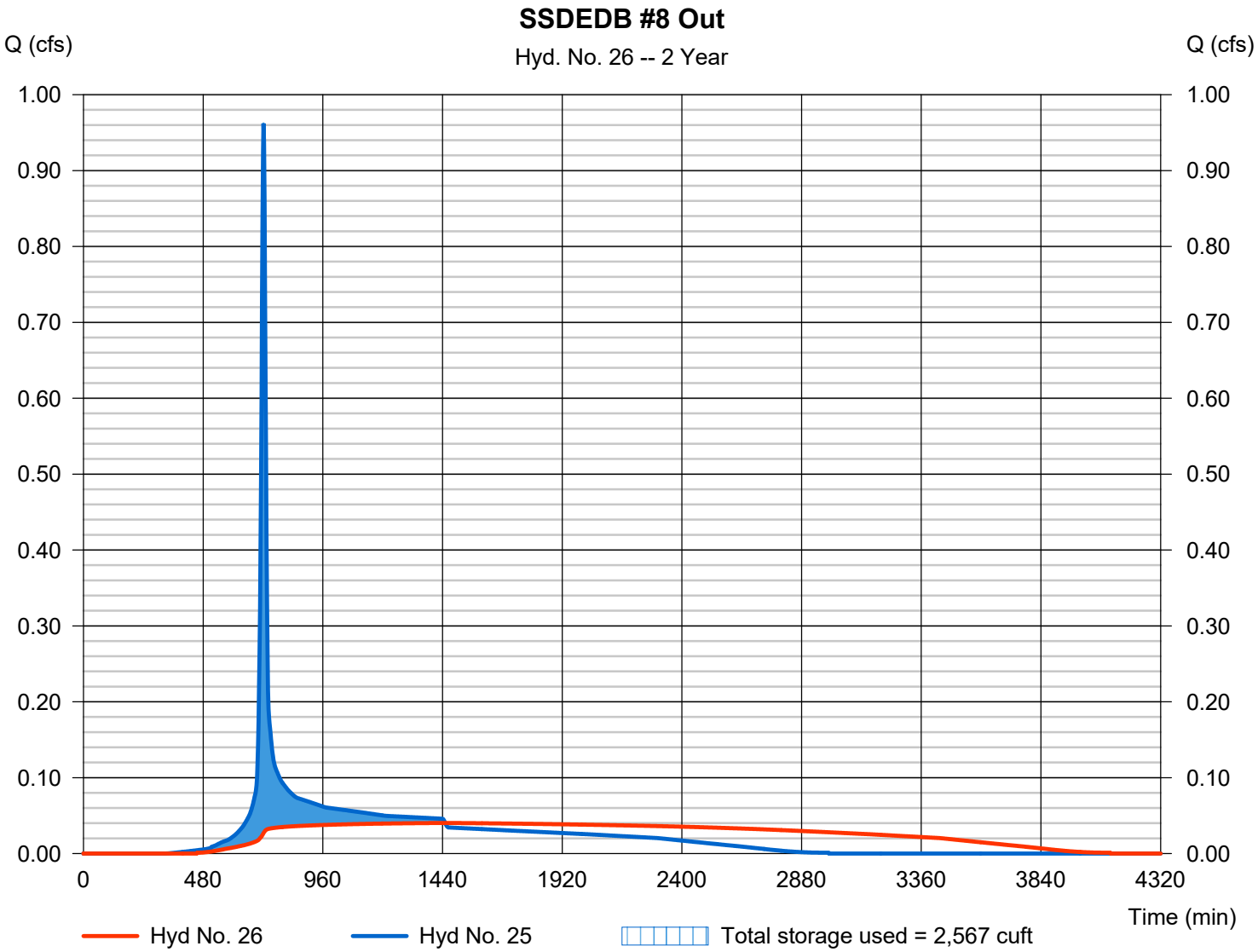
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.040 cfs
Storm frequency	= 2 yrs	Time to peak	= 1450 min
Time interval	= 2 min	Hyd. volume	= 6,144 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	= 439.45 ft
Reservoir name	= SSDEDB #8	Max. Storage	= 2,567 cuft

Storage Indication method used.



Hydrograph Report

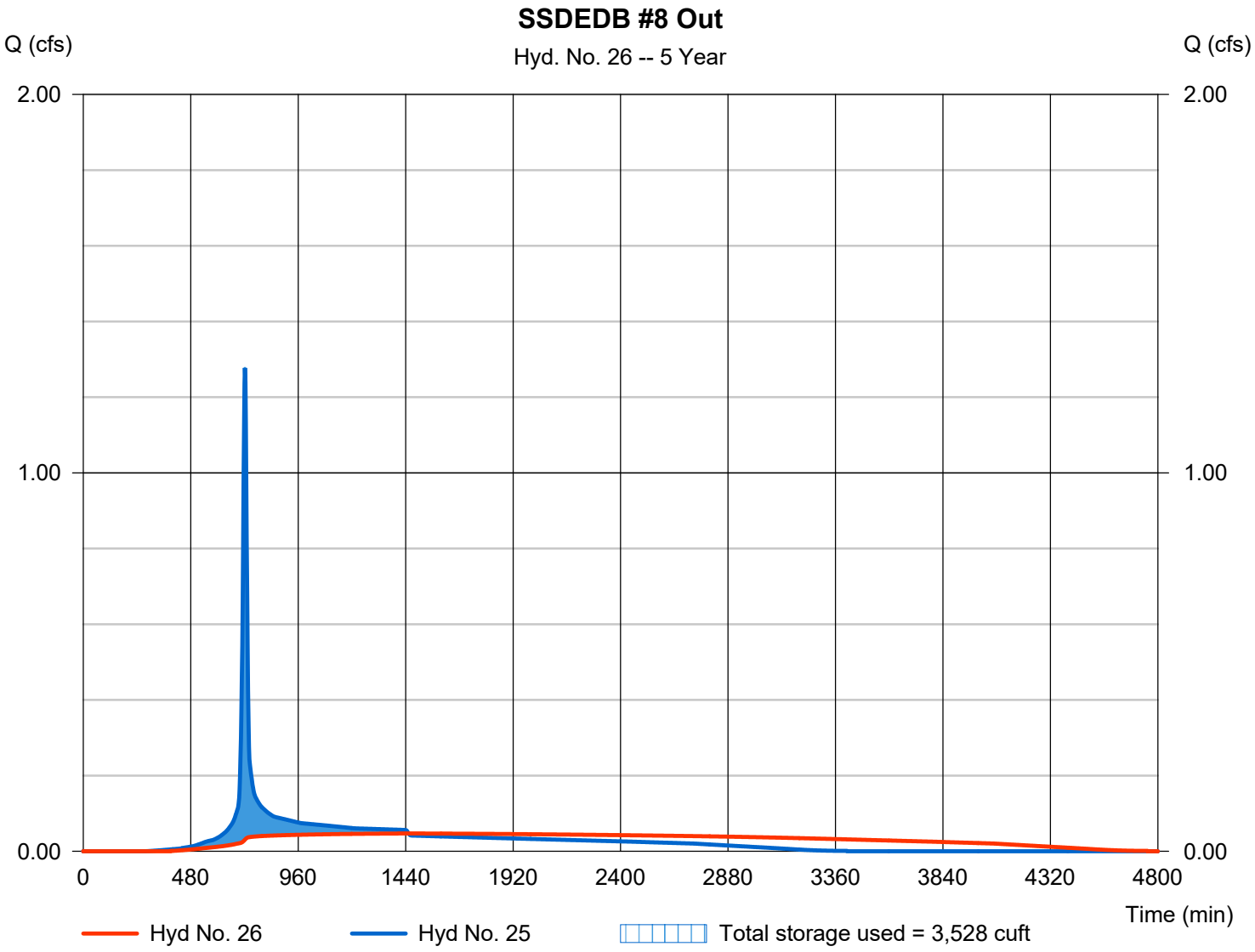
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.047 cfs
Storm frequency	=	5 yrs	Time to peak	=	1452 min
Time interval	=	2 min	Hyd. volume	=	8,409 cuft
Inflow hyd. No.	=	25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	=	440.31 ft
Reservoir name	=	SSDEDB #8	Max. Storage	=	3,528 cuft

Storage Indication method used.



Hydrograph Report

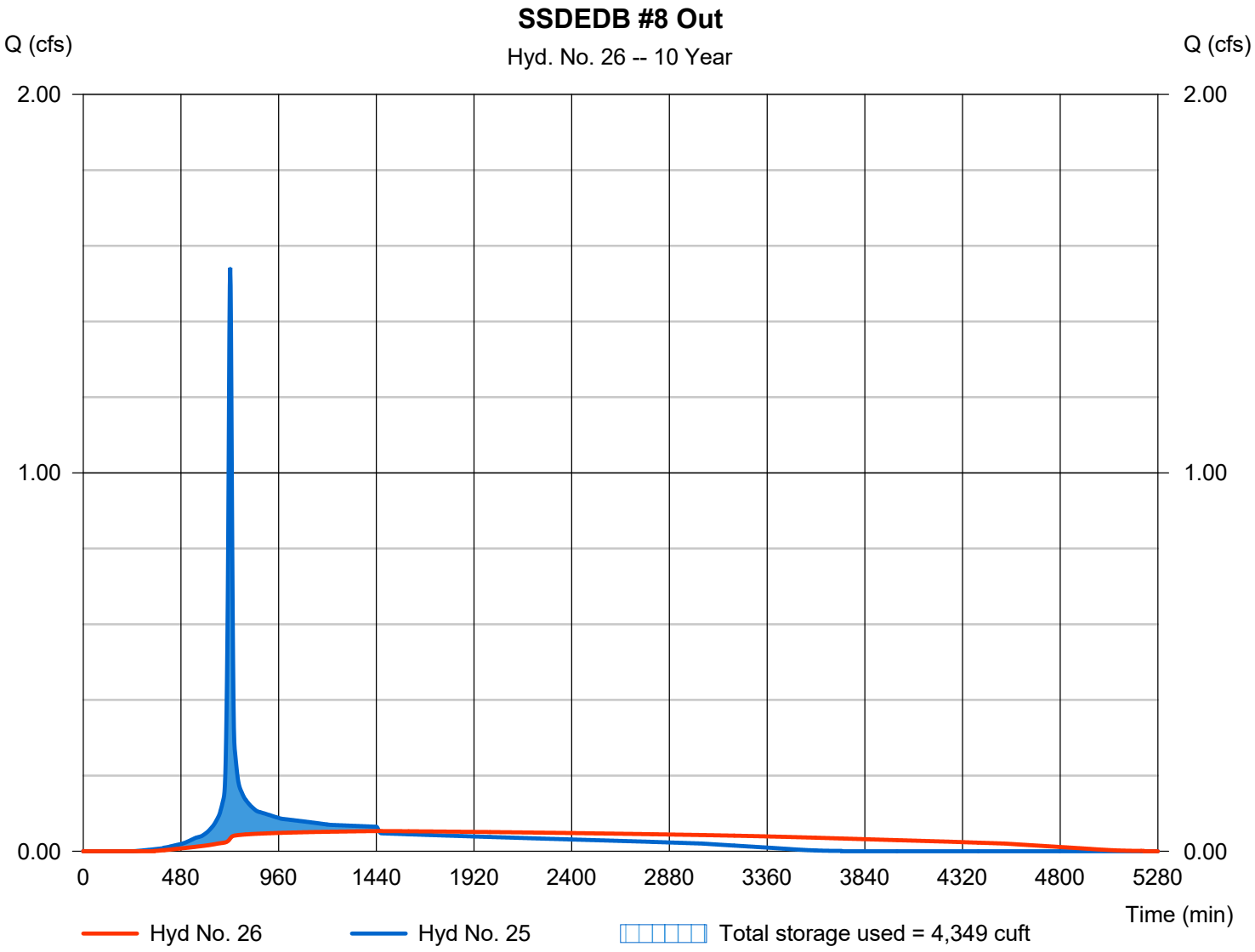
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.053 cfs
Storm frequency	=	10 yrs	Time to peak	=	1454 min
Time interval	=	2 min	Hyd. volume	=	10,359 cuft
Inflow hyd. No.	=	25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	=	441.24 ft
Reservoir name	=	SSDEDB #8	Max. Storage	=	4,349 cuft

Storage Indication method used.



Hydrograph Report

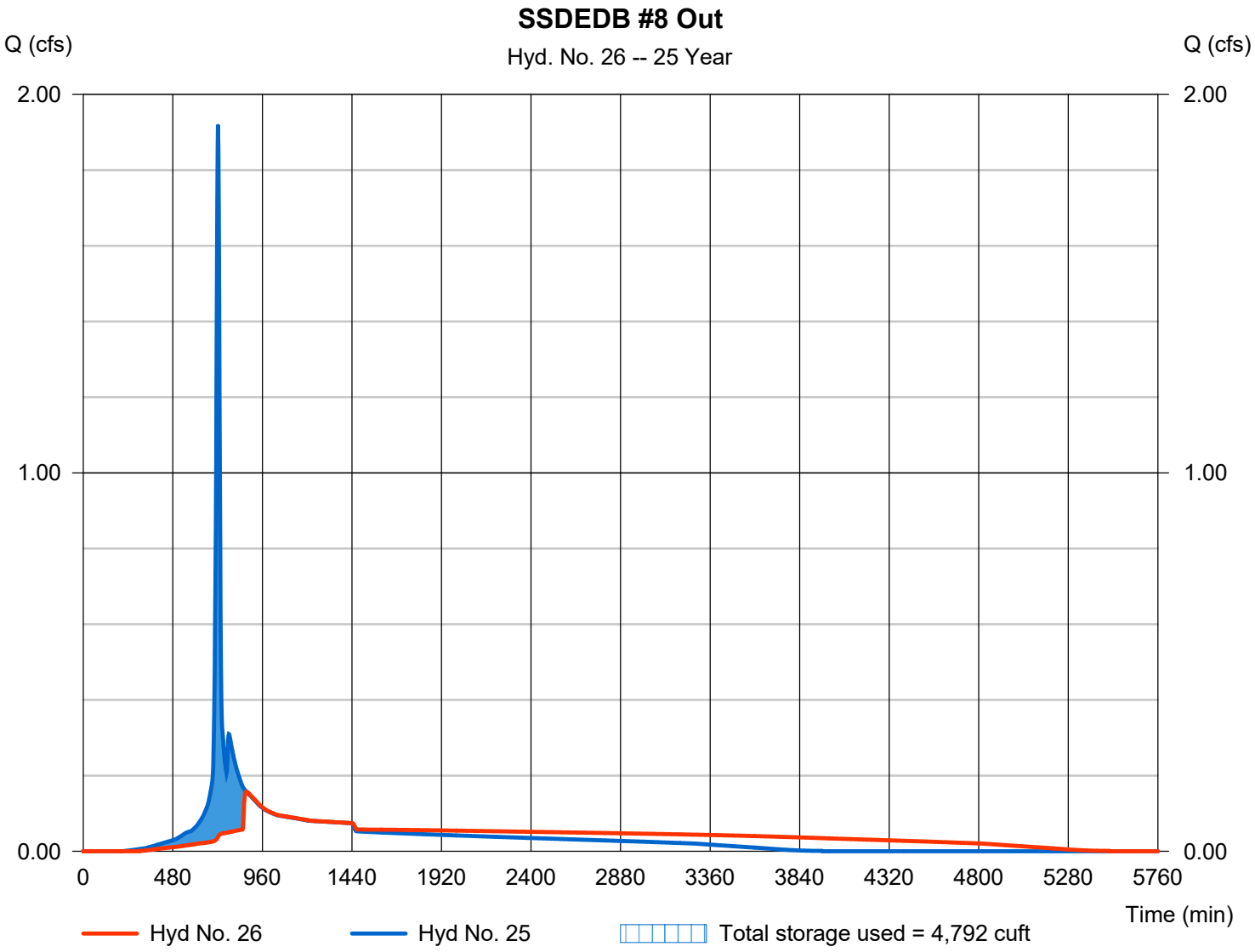
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.158 cfs
Storm frequency	= 25 yrs	Time to peak	= 874 min
Time interval	= 2 min	Hyd. volume	= 13,201 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	= 441.96 ft
Reservoir name	= SSDEDB #8	Max. Storage	= 4,792 cuft

Storage Indication method used.



Hydrograph Report

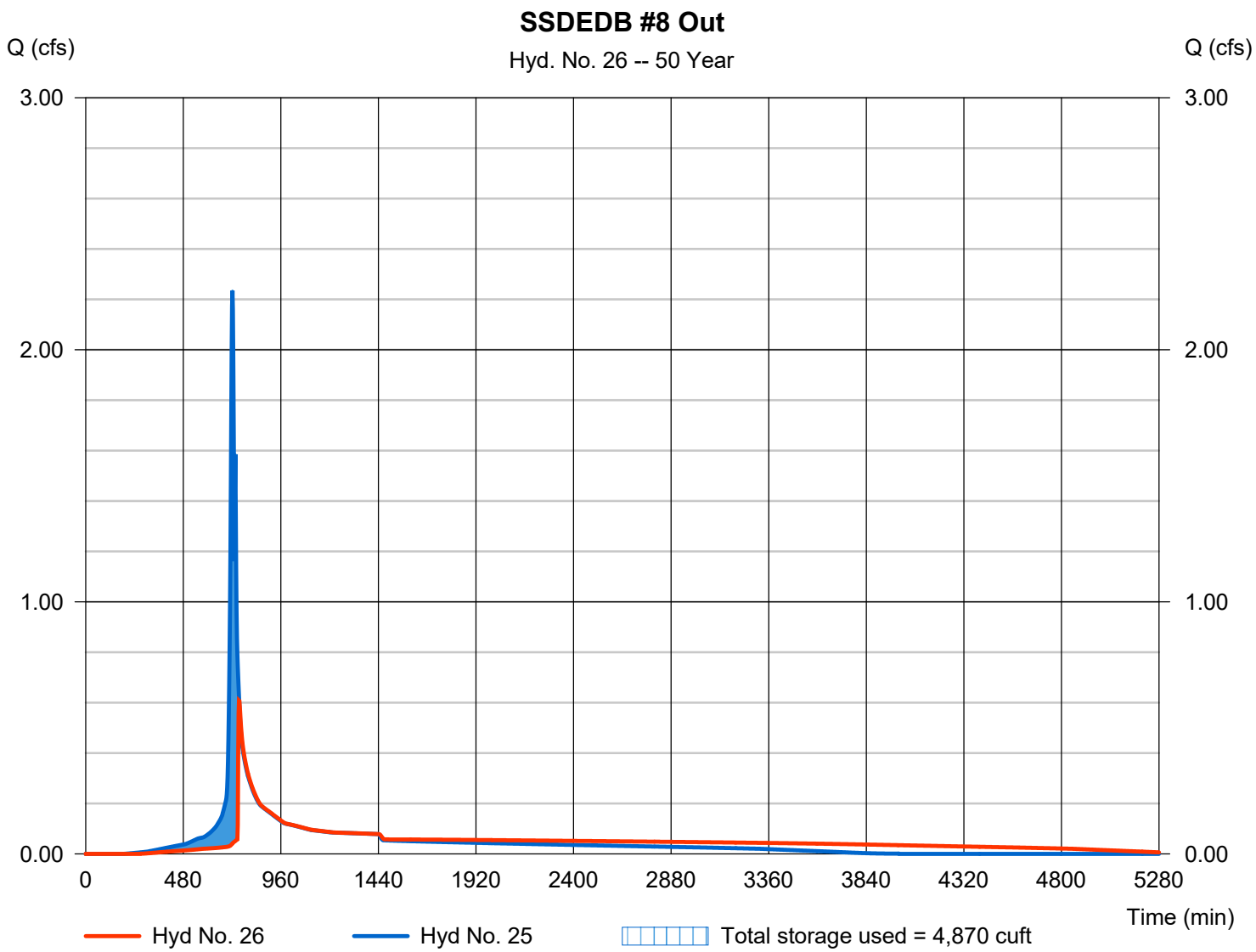
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.608 cfs
Storm frequency	= 50 yrs	Time to peak	= 754 min
Time interval	= 2 min	Hyd. volume	= 15,611 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	= 442.09 ft
Reservoir name	= SSDEDB #8	Max. Storage	= 4,870 cuft

Storage Indication method used.



Hydrograph Report

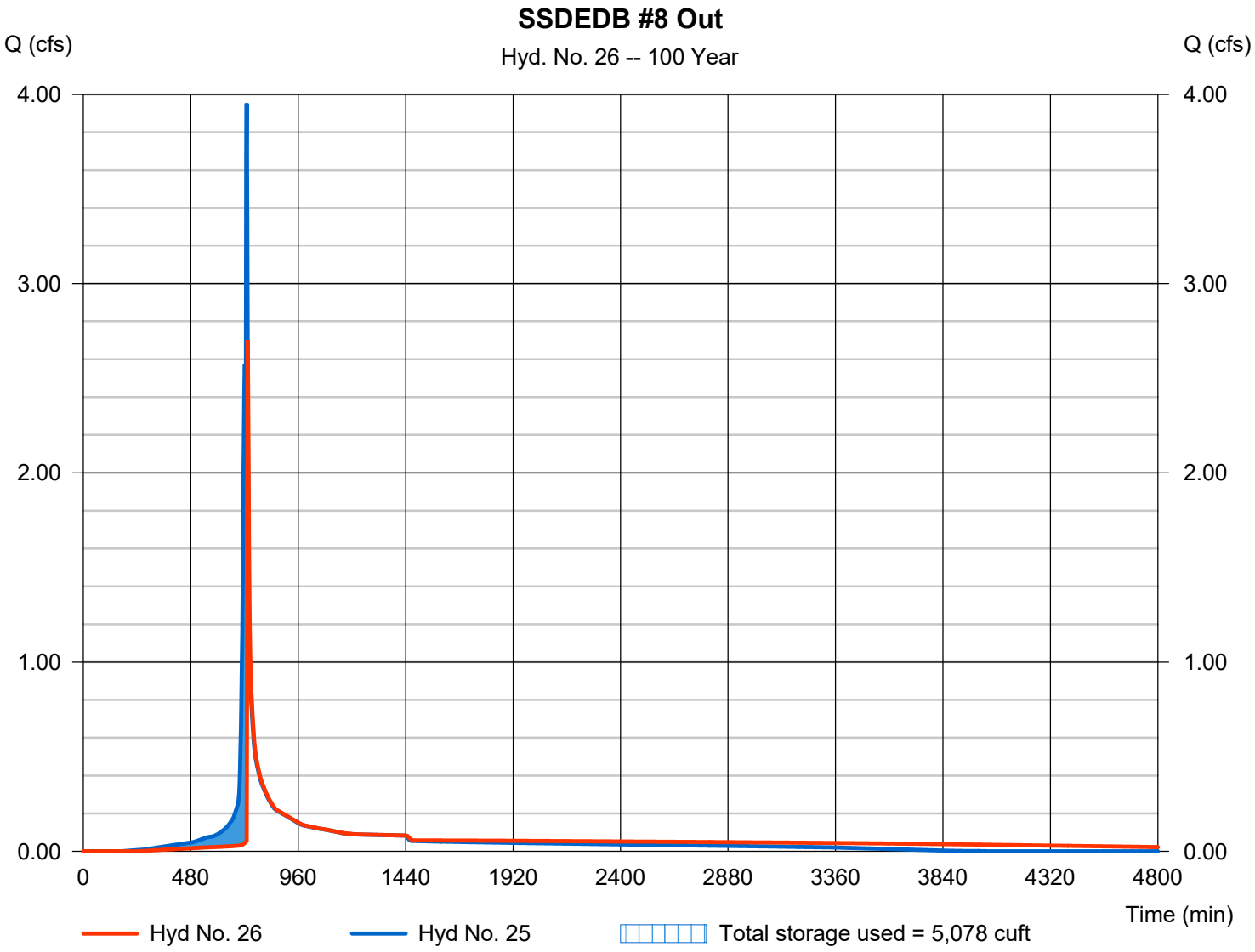
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.702 cfs
Storm frequency	= 100 yrs	Time to peak	= 734 min
Time interval	= 2 min	Hyd. volume	= 18,244 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out + SSDEDB #8 In	Max. Elevation	= 442.44 ft
Reservoir name	= SSDEDB #8	Max. Storage	= 5,078 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #9

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.07	61
IMPERVIOUS	0.19	98

TOTAL 0.26

Hydrograph Report

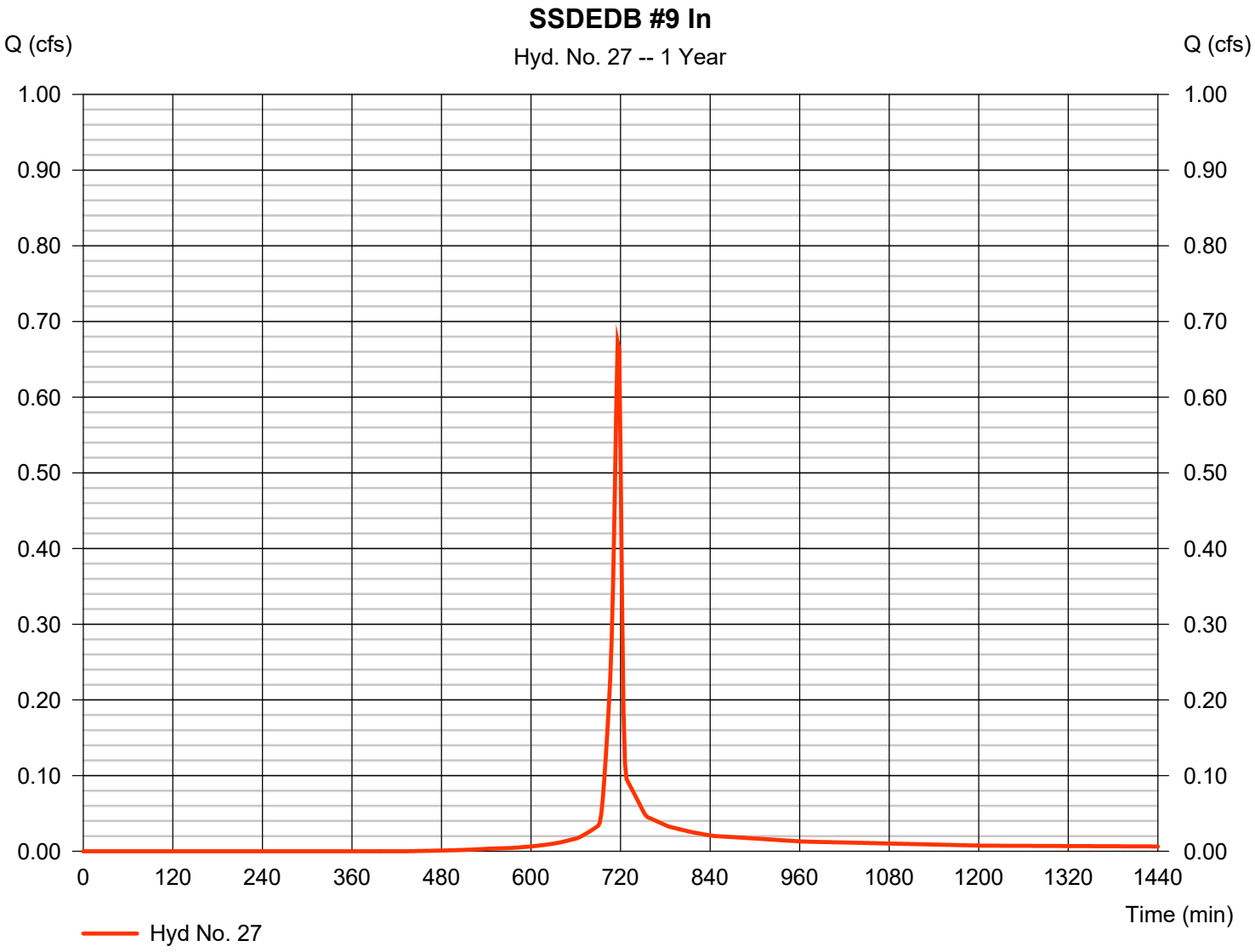
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.673 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,367 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

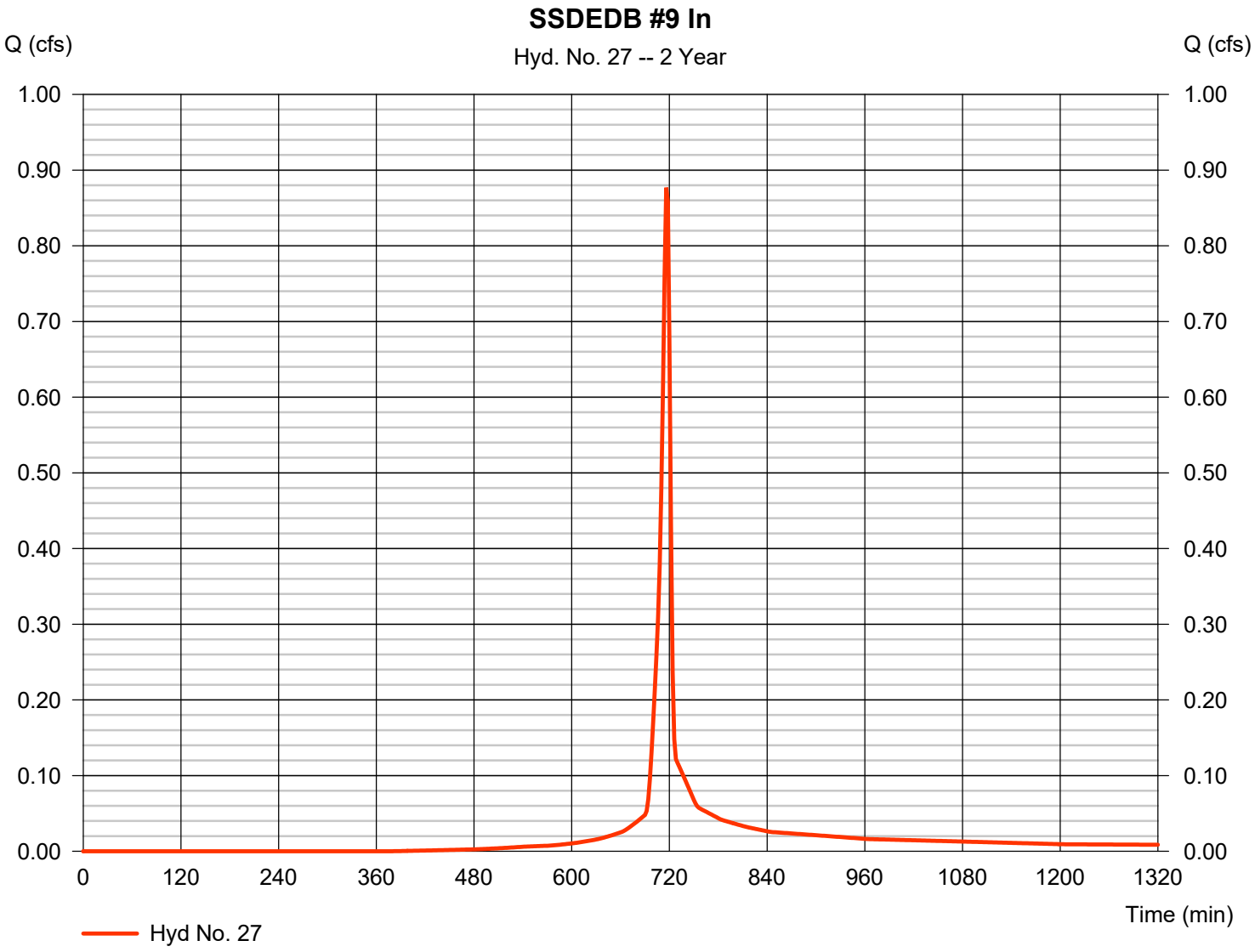
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.877 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 1,799 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

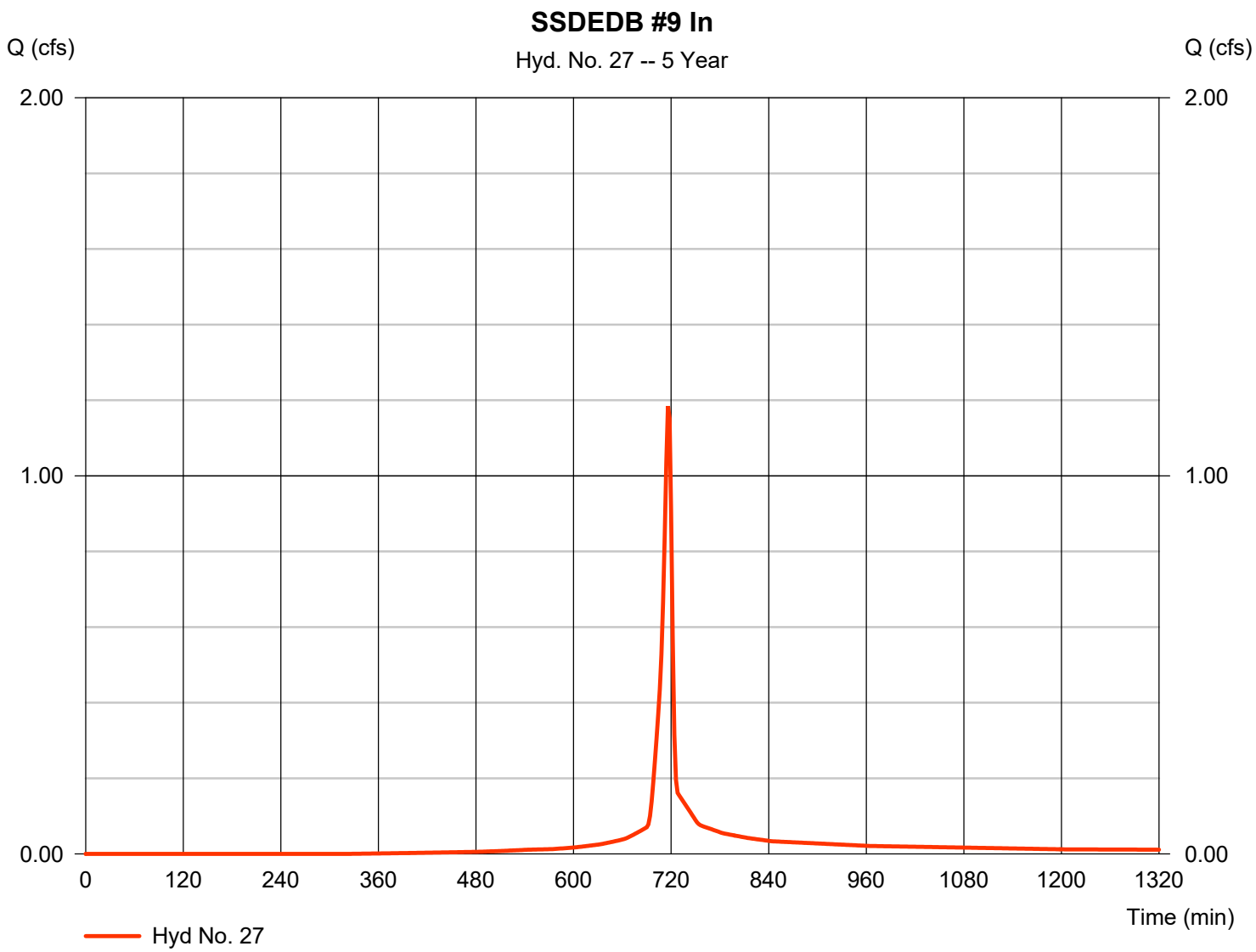
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.184 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,464 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

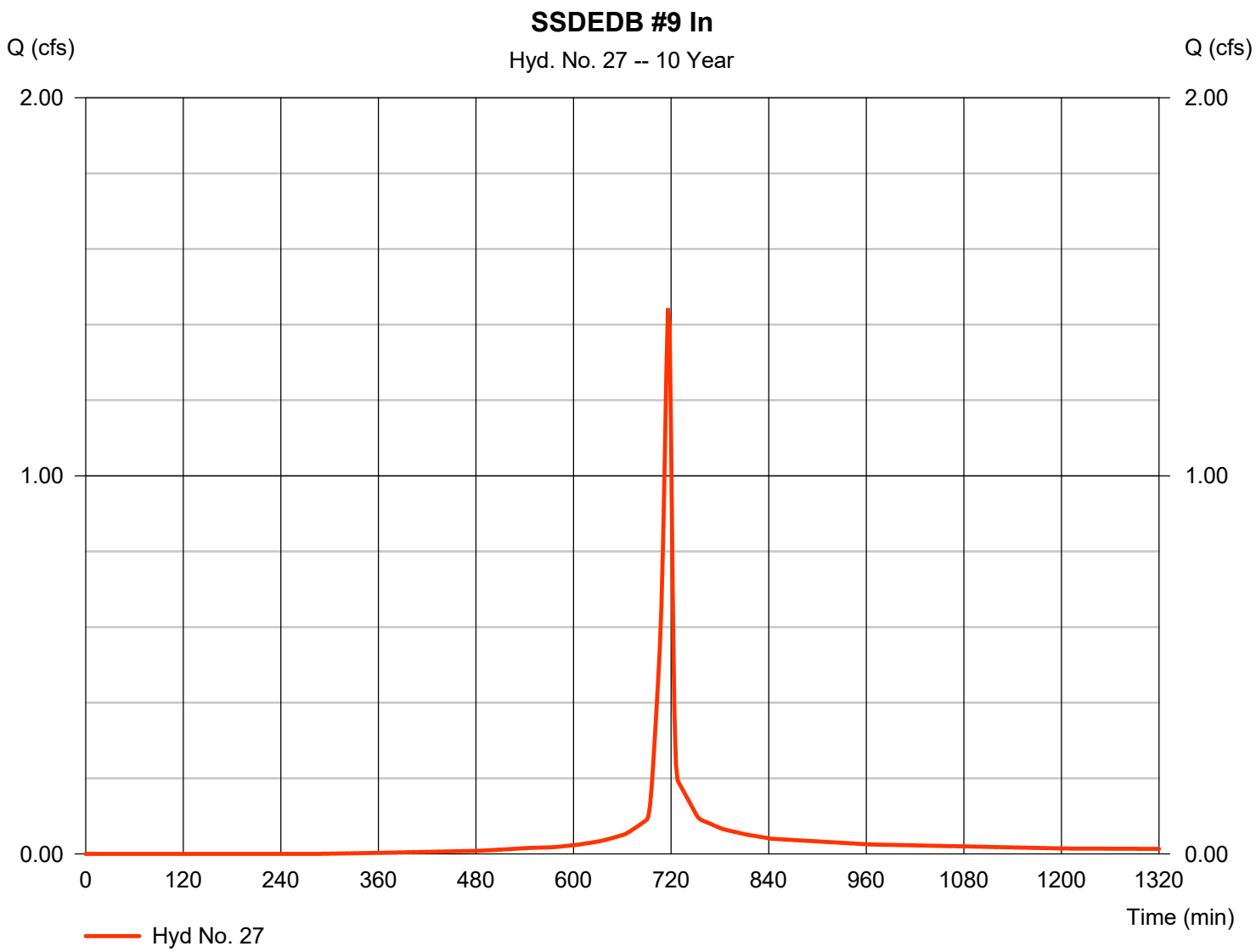
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.443 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,037 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

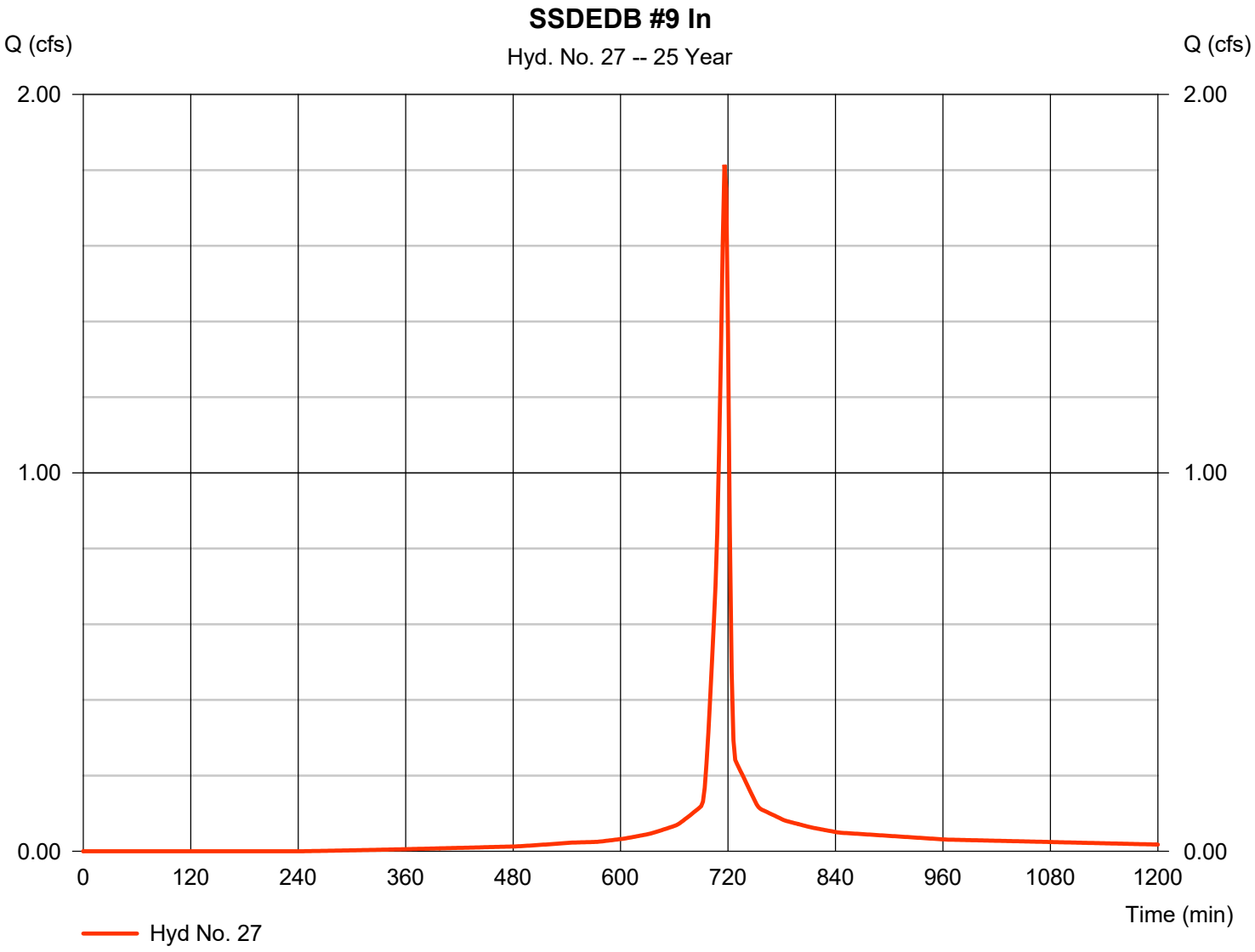
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.814 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,872 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

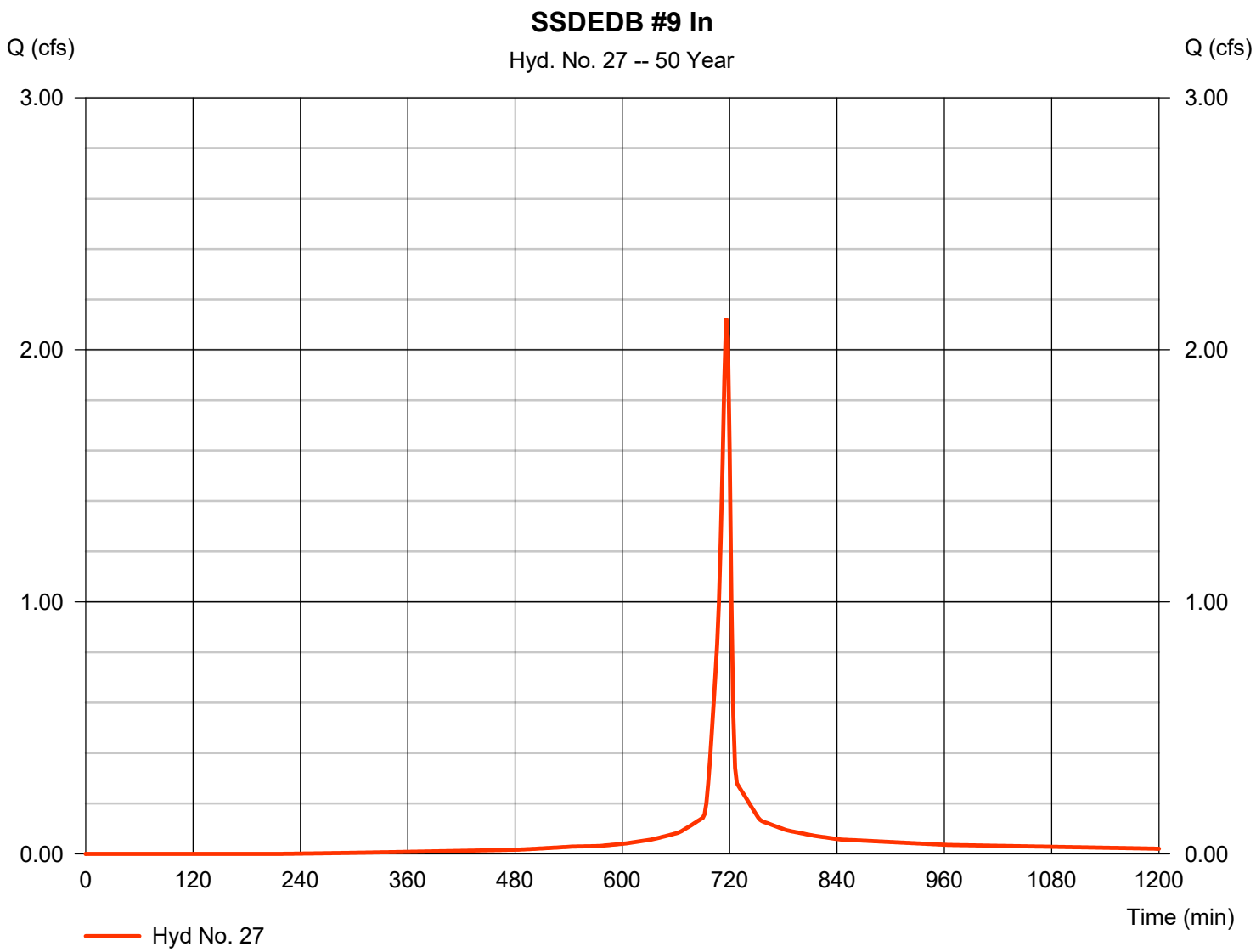
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.123 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,580 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



Hydrograph Report

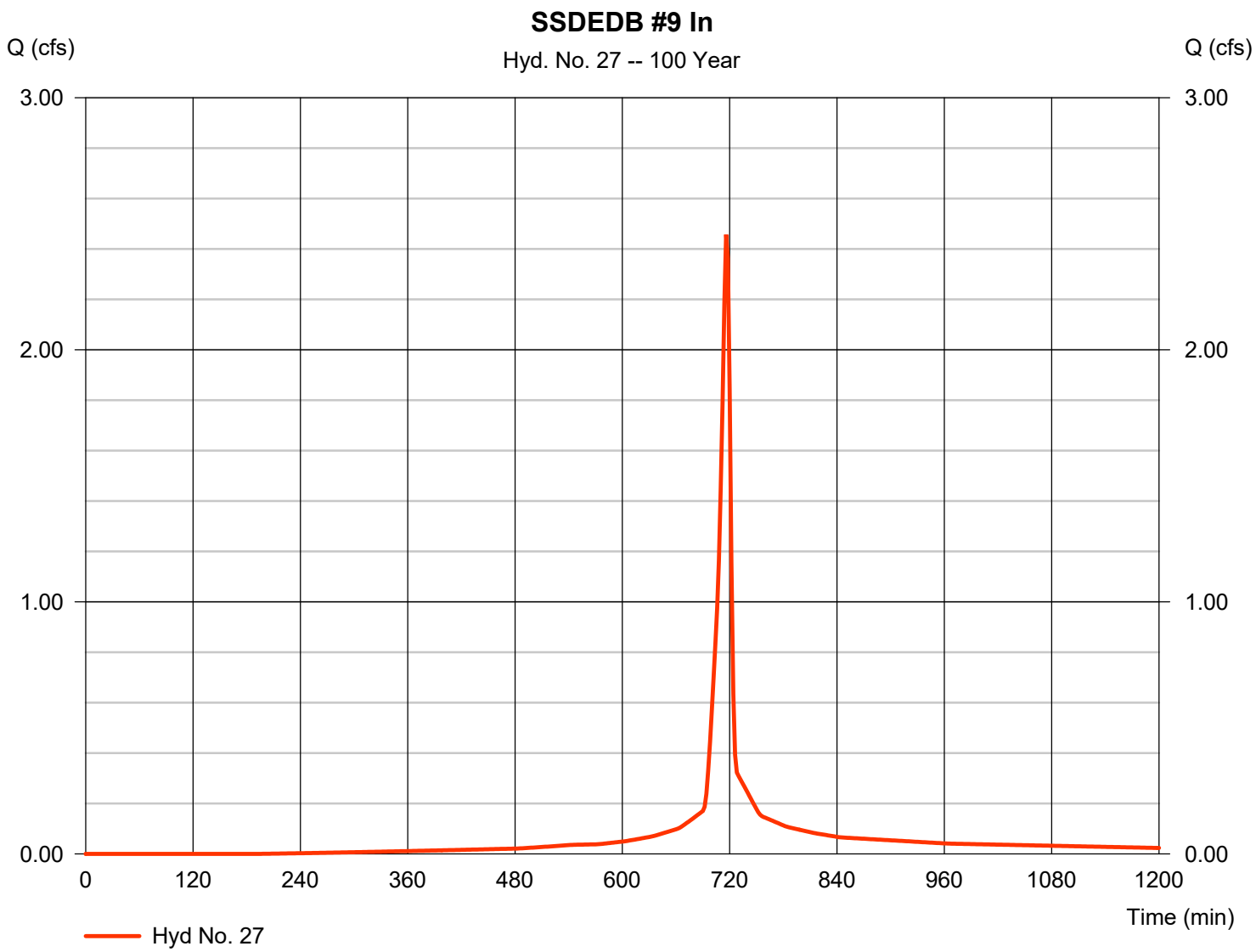
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 27

SSDEDB #9 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.457 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,354 cuft
Drainage area	= 0.260 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.070 x 61) + (0.190 x 98)] / 0.260



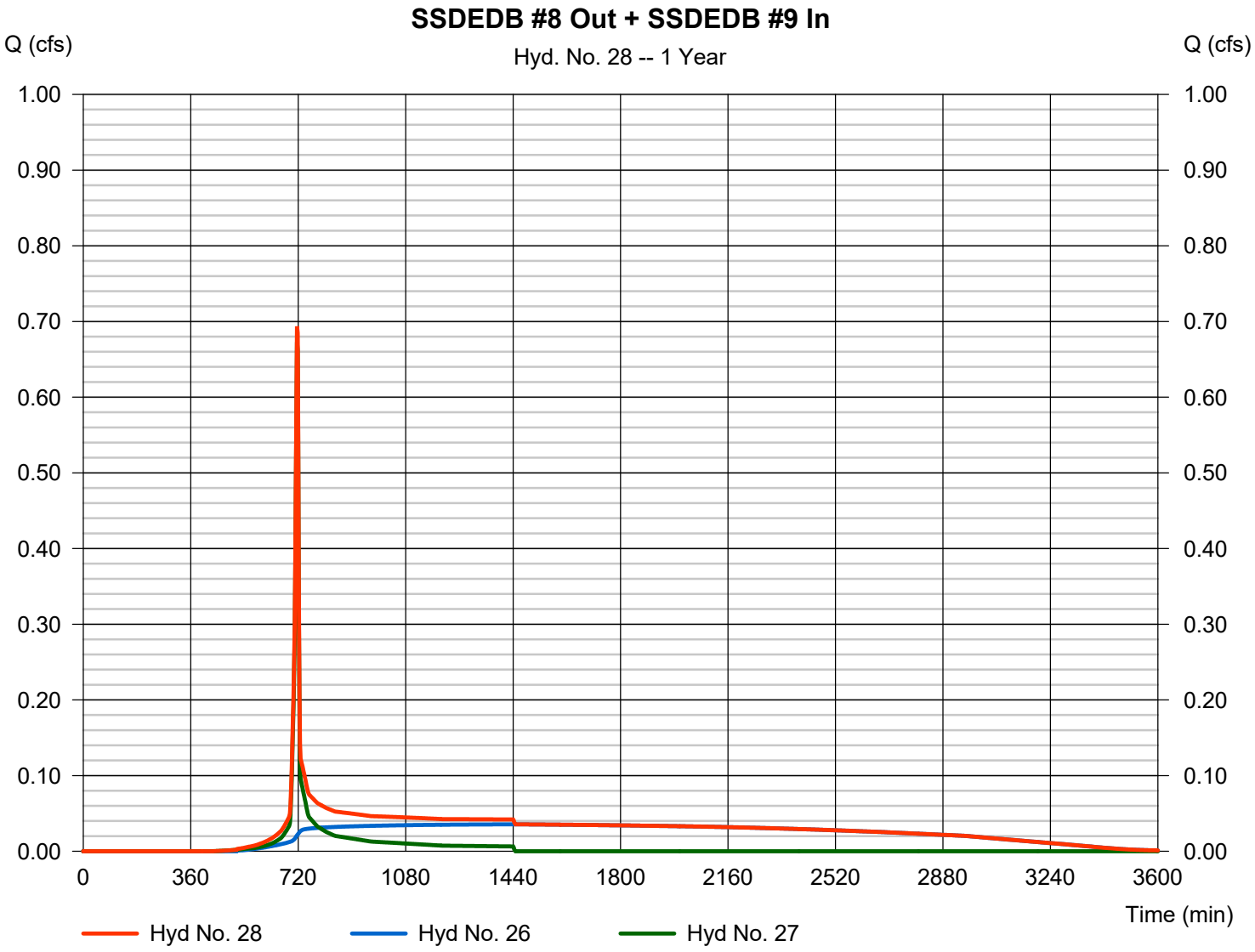
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 0.694 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,041 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



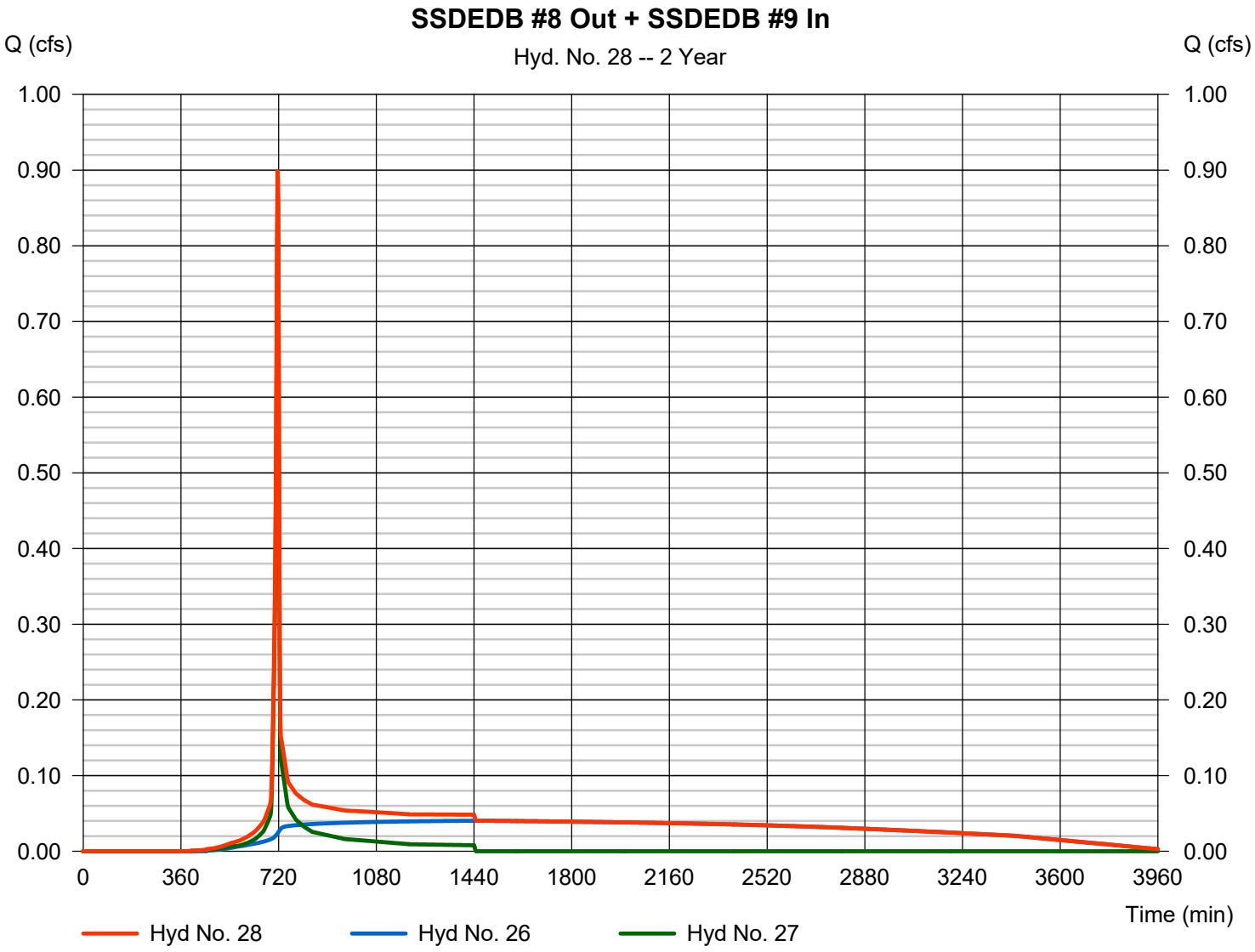
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 0.900 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 7,943 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



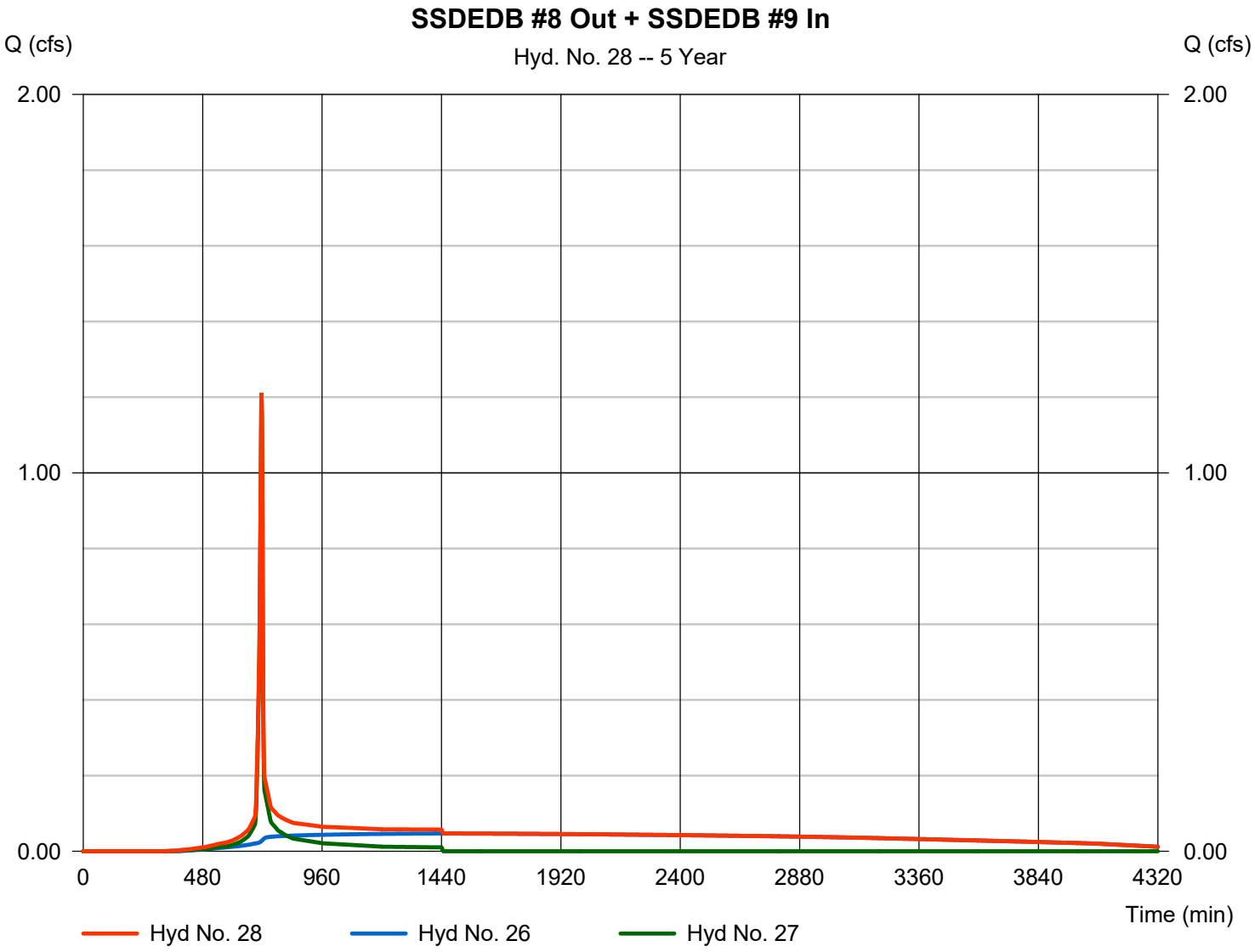
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 1.211 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 10,873 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



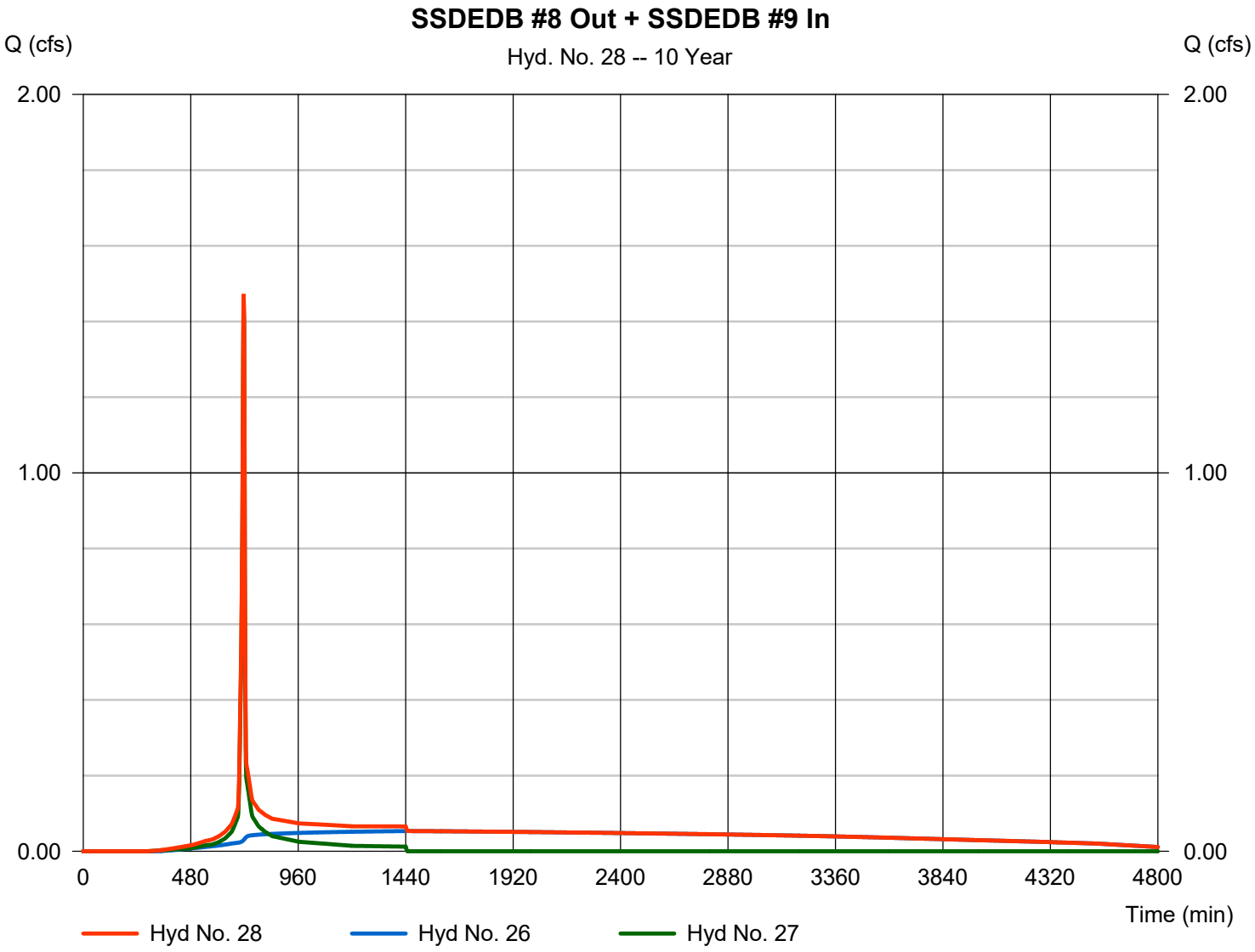
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 1.473 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 13,396 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



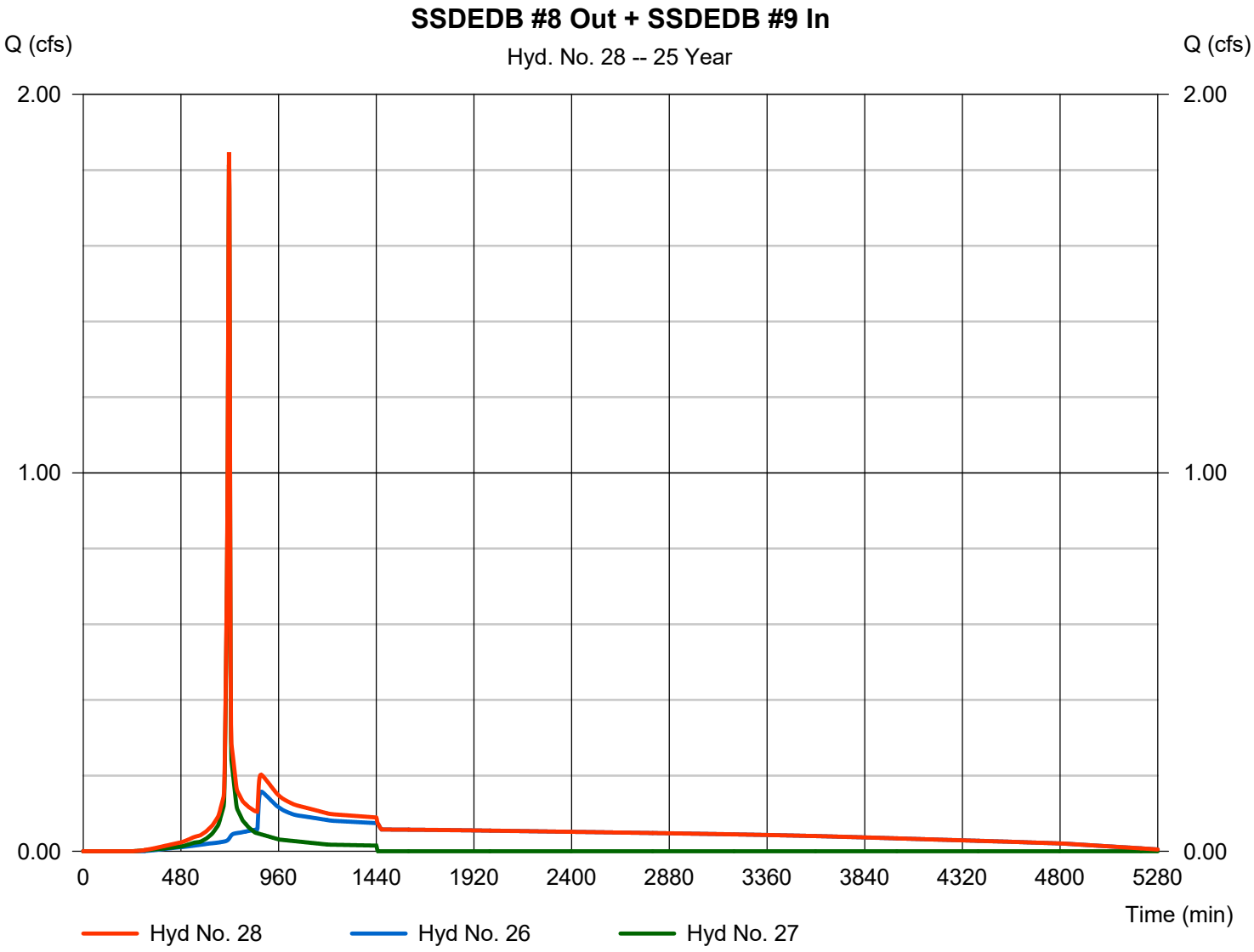
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 1.847 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 17,073 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



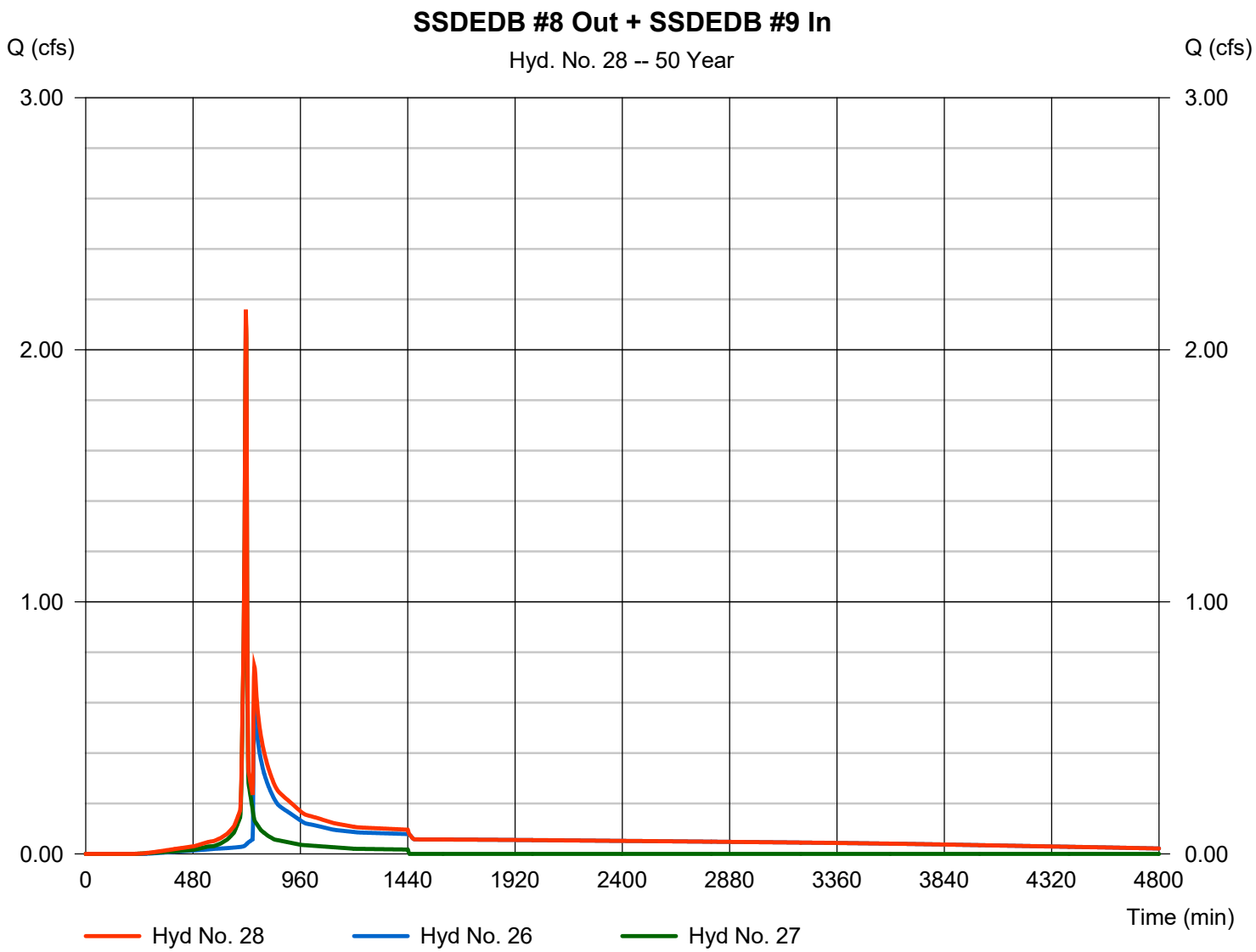
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 2.159 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 20,192 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



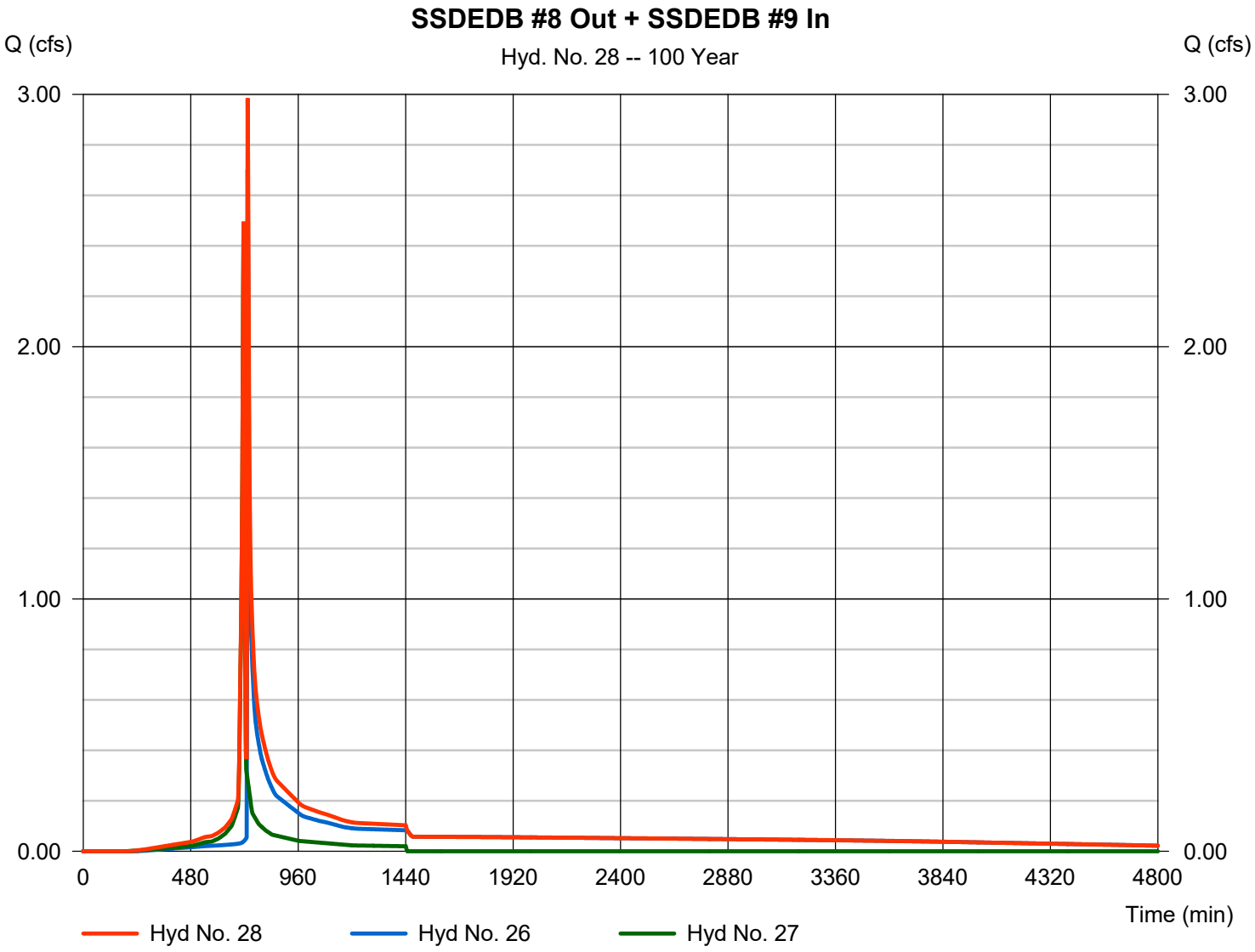
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 28

SSDEDB #8 Out + SSDEDB #9 In

Hydrograph type	= Combine	Peak discharge	= 2.985 cfs
Storm frequency	= 100 yrs	Time to peak	= 734 min
Time interval	= 2 min	Hyd. volume	= 23,597 cuft
Inflow hyds.	= 26, 27	Contrib. drain. area	= 0.260 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #9

		Volume for One Chamber			# of Chambers 21	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	429.1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	429.1833	1.71	0.00	1.71	35.91	0.56	0.00	0.56	3.36	39.27
2	429.2667	1.71	0.00	3.42	71.82	0.58	0.00	1.14	6.84	78.66
3	429.3500	1.72	0.00	5.14	107.94	0.57	0.00	1.71	10.26	118.20
4	429.4333	1.71	0.00	6.85	143.85	0.57	0.00	2.28	13.68	157.53
5	429.5167	1.71	0.00	8.56	179.76	0.57	0.00	2.85	17.10	196.86
6	429.6000	1.71	0.00	10.27	215.67	0.57	0.00	3.42	20.52	236.19
7	429.6833	1.71	0.00	11.98	251.58	0.57	0.00	3.99	23.94	275.52
8	429.7667	1.72	0.00	13.70	287.70	0.56	0.00	4.55	27.30	315.00
9	429.8500	1.71	0.00	15.41	323.61	0.57	0.00	5.12	30.72	354.33
10	429.9333	0.30	3.51	19.22	403.62	0.32	0.63	6.07	36.42	440.04
11	430.0167	0.33	3.47	23.02	483.42	0.32	0.63	7.02	42.12	525.54
12	430.1000	0.33	3.46	26.81	563.01	0.32	0.62	7.96	47.76	610.77
13	430.1833	0.33	3.44	30.58	642.18	0.33	0.61	8.90	53.40	695.58
14	430.2667	0.35	3.41	34.34	721.14	0.32	0.61	9.83	58.98	780.12
15	430.3500	0.35	3.40	38.09	799.89	0.33	0.60	10.76	64.56	864.45
16	430.4333	0.38	3.36	41.83	878.43	0.33	0.60	11.69	70.14	948.57
17	430.5167	0.36	3.35	45.54	956.34	0.34	0.58	12.61	75.66	1032.00
18	430.6000	0.39	3.32	49.25	1034.25	0.33	0.58	13.52	81.12	1115.37
19	430.6833	0.39	3.29	52.93	1111.53	0.34	0.57	14.43	86.58	1198.11
20	430.7667	0.41	3.26	56.60	1188.60	0.35	0.56	15.34	92.04	1280.64
21	430.8500	0.42	3.23	60.25	1265.25	0.36	0.54	16.24	97.44	1362.69
22	430.9333	0.43	3.20	63.88	1341.48	0.35	0.54	17.13	102.78	1444.26
23	431.0167	0.46	3.16	67.50	1417.50	0.36	0.52	18.01	108.06	1525.56
24	431.1000	0.46	3.13	71.09	1492.89	0.36	0.51	18.88	113.28	1606.17
25	431.1833	0.46	3.10	74.65	1567.65	0.38	0.49	19.75	118.50	1686.15
26	431.2667	0.50	3.05	78.20	1642.20	0.38	0.48	20.61	123.66	1765.86
27	431.3500	0.51	3.01	81.72	1716.12	0.38	0.46	21.45	128.70	1844.82
28	431.4333	0.52	2.97	85.21	1789.41	0.39	0.45	22.29	133.74	1923.15
29	431.5167	0.54	2.93	88.68	1862.28	0.40	0.43	23.12	138.72	2001.00
30	431.6000	0.57	2.87	92.12	1934.52	0.40	0.41	23.93	143.58	2078.10
31	431.6833	0.57	2.83	95.52	2005.92	0.42	0.39	24.74	148.44	2154.36
32	431.7667	0.61	2.77	98.90	2076.90	0.42	0.37	25.53	153.18	2230.08
33	431.8500	0.62	2.72	102.24	2147.04	0.42	0.35	26.30	157.80	2304.84
34	431.9333	0.65	2.65	105.54	2216.34	0.45	0.33	27.08	162.48	2378.82
35	432.0167	0.67	2.60	108.81	2285.01	0.44	0.32	27.84	167.04	2452.05
36	432.1000	0.71	2.52	112.04	2352.84	0.45	0.29	28.58	171.48	2524.32
37	432.1833	0.73	2.46	115.23	2419.83	0.46	0.27	29.31	175.86	2595.69
38	432.2667	0.75	2.39	118.37	2485.77	0.46	0.26	30.03	180.18	2665.95
39	432.3500	0.80	2.30	121.47	2550.87	0.48	0.24	30.75	184.50	2735.37
40	432.4333	0.81	2.23	124.51	2614.71	0.49	0.21	31.45	188.70	2803.41
41	432.5167	0.87	2.13	127.51	2677.71	0.48	0.20	32.13	192.78	2870.49
42	432.6000	0.89	2.04	130.44	2739.24	0.50	0.18	32.81	196.86	2936.10
43	432.6833	0.94	1.94	133.32	2799.72	0.51	0.16	33.48	200.88	3000.60
44	432.7667	0.98	1.83	136.13	2858.73	0.51	0.14	34.13	204.78	3063.51
45	432.8500	1.02	1.71	138.86	2916.06	0.52	0.12	34.77	208.62	3124.68
46	432.9333	1.09	1.57	141.52	2971.92	0.53	0.10	35.40	212.40	3184.32
47	433.0167	1.15	1.42	144.09	3025.89	0.53	0.09	36.02	216.12	3242.01
48	433.1000	1.21	1.25	146.55	3077.55	0.55	0.07	36.64	219.84	3297.39
49	433.1833	1.30	1.03	148.88	3126.48	0.55	0.05	37.24	223.44	3349.92
50	433.2667	1.43	0.69	151.00	3171.00	0.55	0.04	37.83	226.98	3397.98
51	433.3500	1.55	0.40	152.95	3211.95	0.56	0.02	38.41	230.46	3442.41
52	433.4333	1.60	0.29	154.84	3251.64	0.57	0.01	38.99	233.94	3485.58
53	433.5167	1.63	0.20	156.67	3290.07	0.56	0.01	39.56	237.36	3527.43
54	433.6000	1.69	0.06	158.42	3326.82	0.57	0.00	40.13	240.78	3567.60
55	433.6833	1.71	0.00	160.13	3362.73	0.57	0.00	40.70	244.20	3606.93
56	433.7667	1.71	0.00	161.84	3398.64	0.57	0.00	41.27	247.62	3646.26
57	433.8500	1.71	0.00	163.55	3434.55	0.57	0.00	41.84	251.04	3685.59
58	433.9333	1.72	0.00	165.27	3470.67	0.57	0.00	42.41	254.46	3725.13
59	434.0167	1.71	0.00	166.98	3506.58	0.57	0.00	42.98	257.88	3764.46
60	434.1000	1.71	0.00	168.69	3542.49	0.56	0.00	43.54	261.24	3803.73
61	434.1833	1.71	0.00	170.40	3578.40	0.57	0.00	44.11	264.66	3843.06
62	434.2667	1.71	0.00	172.11	3614.31	0.57	0.00	44.68	268.08	3882.39
63	434.3500	1.72	0.00	173.83	3650.43	0.57	0.00	45.25	271.50	3921.93
64	434.4333	1.71	0.00	175.54	3686.34	0.57	0.00	45.82	274.92	3961.26
65	434.5167	1.71	0.00	177.25	3722.25	0.57	0.00	46.39	278.34	4000.59
66	434.6000	1.71	0.00	178.96	3758.16	0.57	0.00	46.96	281.76	4039.92

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 9 - SSDEDB #9

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	429.10	n/a	0	0
0.33	429.43	n/a	158	158
0.67	429.77	n/a	157	315
1.00	430.10	n/a	296	611
1.33	430.43	n/a	338	949
1.67	430.77	n/a	332	1,281
2.00	431.10	n/a	326	1,606
2.33	431.43	n/a	317	1,923
2.67	431.77	n/a	307	2,230
3.00	432.10	n/a	294	2,524
3.33	432.43	n/a	279	2,803
3.67	432.77	n/a	260	3,064
4.00	433.10	n/a	234	3,297
4.33	433.43	n/a	188	3,486
4.67	433.77	n/a	161	3,646
5.00	434.10	n/a	157	3,804
5.33	434.43	n/a	158	3,961
5.50	434.60	n/a	79	4,040

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	0.00	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 429.10	429.10	0.00	0.00
Length (ft)	= 48.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 434.30	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	429.10	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	158	429.43	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	315	429.77	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	611	430.10	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	949	430.43	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	1,281	430.77	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	1,606	431.10	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	1,923	431.43	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	2,230	431.77	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	2,524	432.10	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	2,803	432.43	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	3,064	432.77	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	3,297	433.10	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	3,486	433.43	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	3,646	433.77	0.23 ic	0.22 ic	---	---	0.00	---	---	---	---	---	0.222
5.00	3,804	434.10	0.23 ic	0.23 ic	---	---	0.00	---	---	---	---	---	0.230
5.33	3,961	434.43	0.24 ic	0.24 ic	---	---	0.32	---	---	---	---	---	0.560
5.50	4,040	434.60	0.24 ic	0.24 ic	---	---	1.09	---	---	---	---	---	1.336

Hydrograph Report

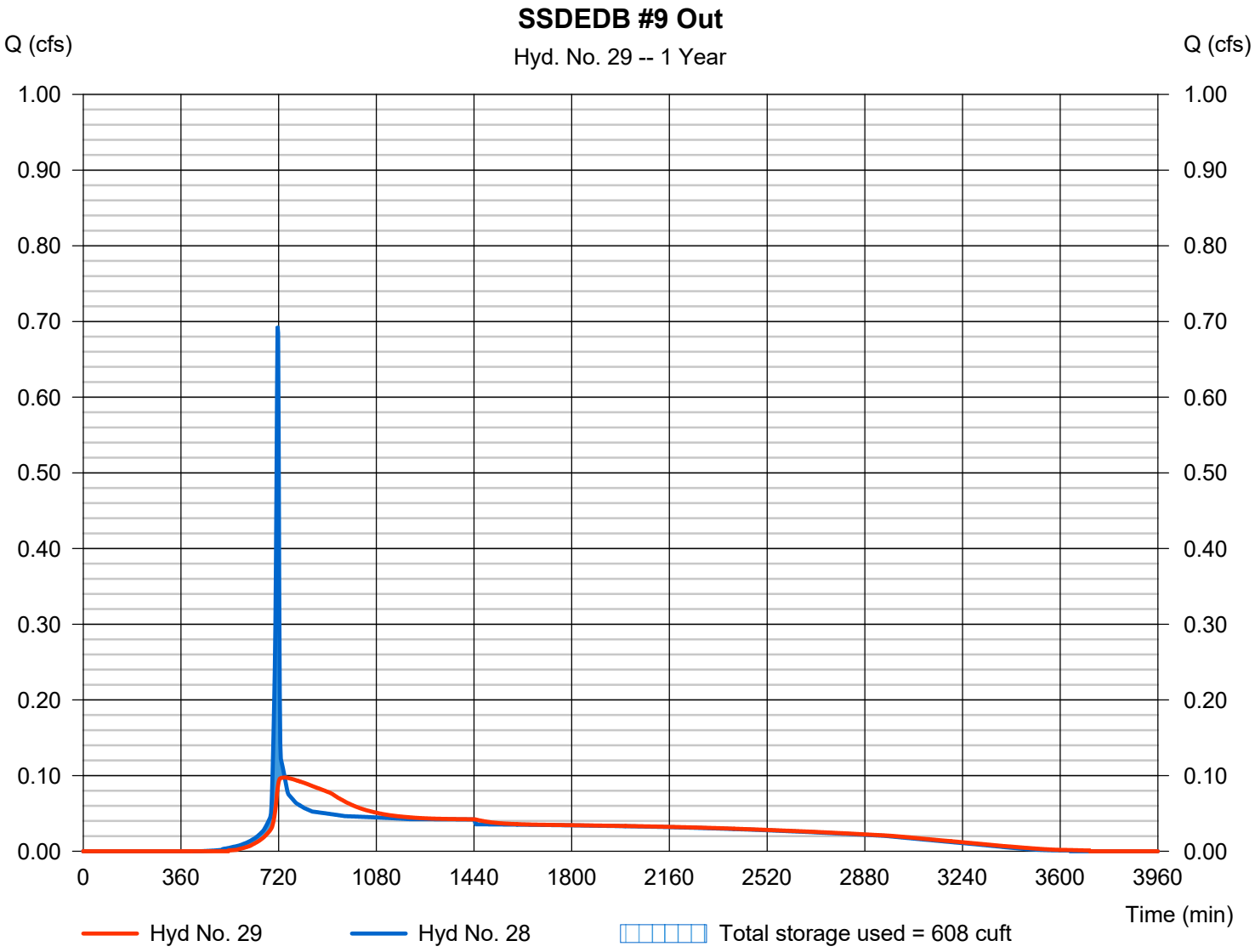
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.097 cfs
Storm frequency	= 1 yrs	Time to peak	= 742 min
Time interval	= 2 min	Hyd. volume	= 6,032 cuft
Inflow hyd. No.	= 28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	= 430.10 ft
Reservoir name	= SSDEDB #9	Max. Storage	= 608 cuft

Storage Indication method used.



Hydrograph Report

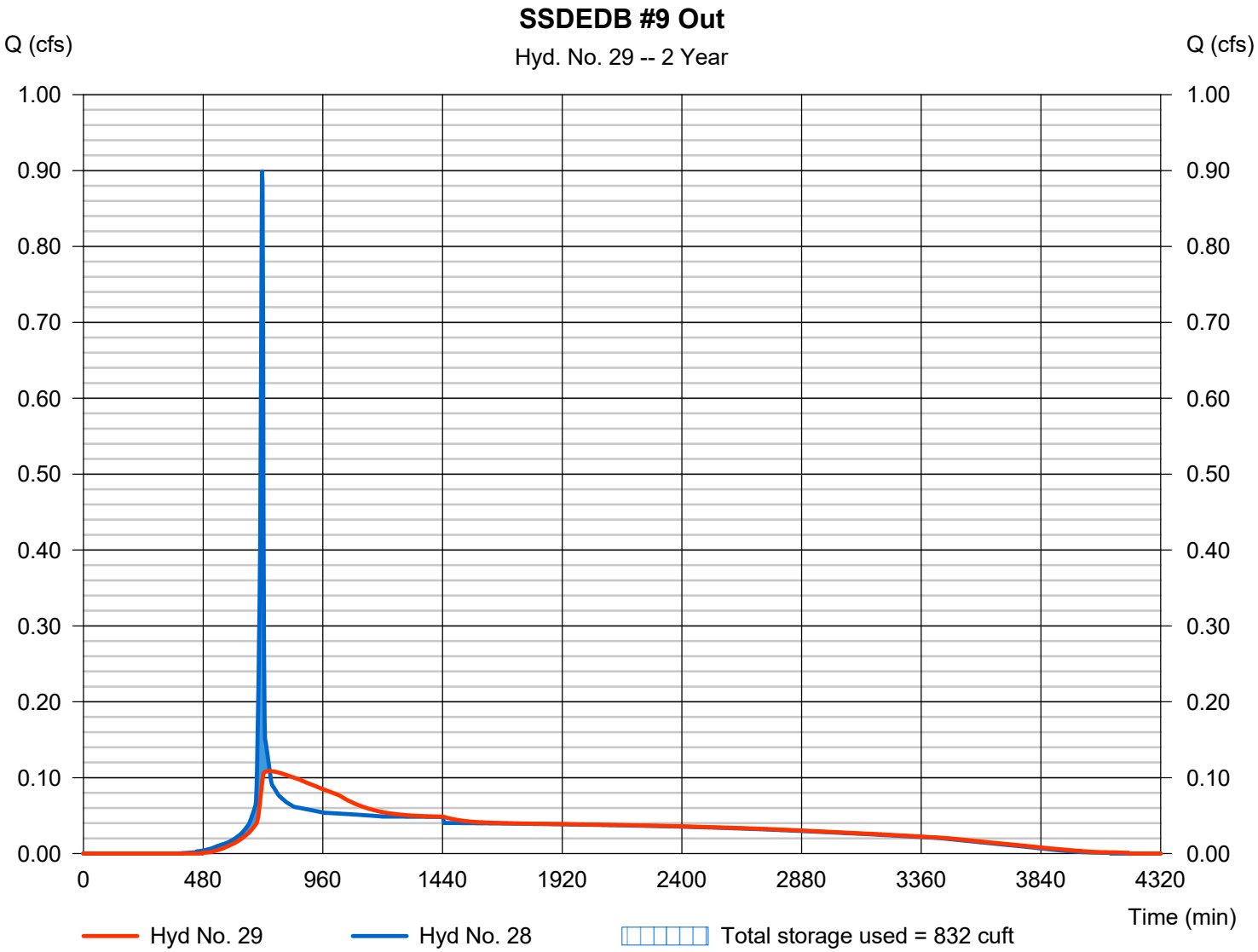
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.109 cfs
Storm frequency	= 2 yrs	Time to peak	= 746 min
Time interval	= 2 min	Hyd. volume	= 7,934 cuft
Inflow hyd. No.	= 28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	= 430.32 ft
Reservoir name	= SSDEDB #9	Max. Storage	= 832 cuft

Storage Indication method used.



Hydrograph Report

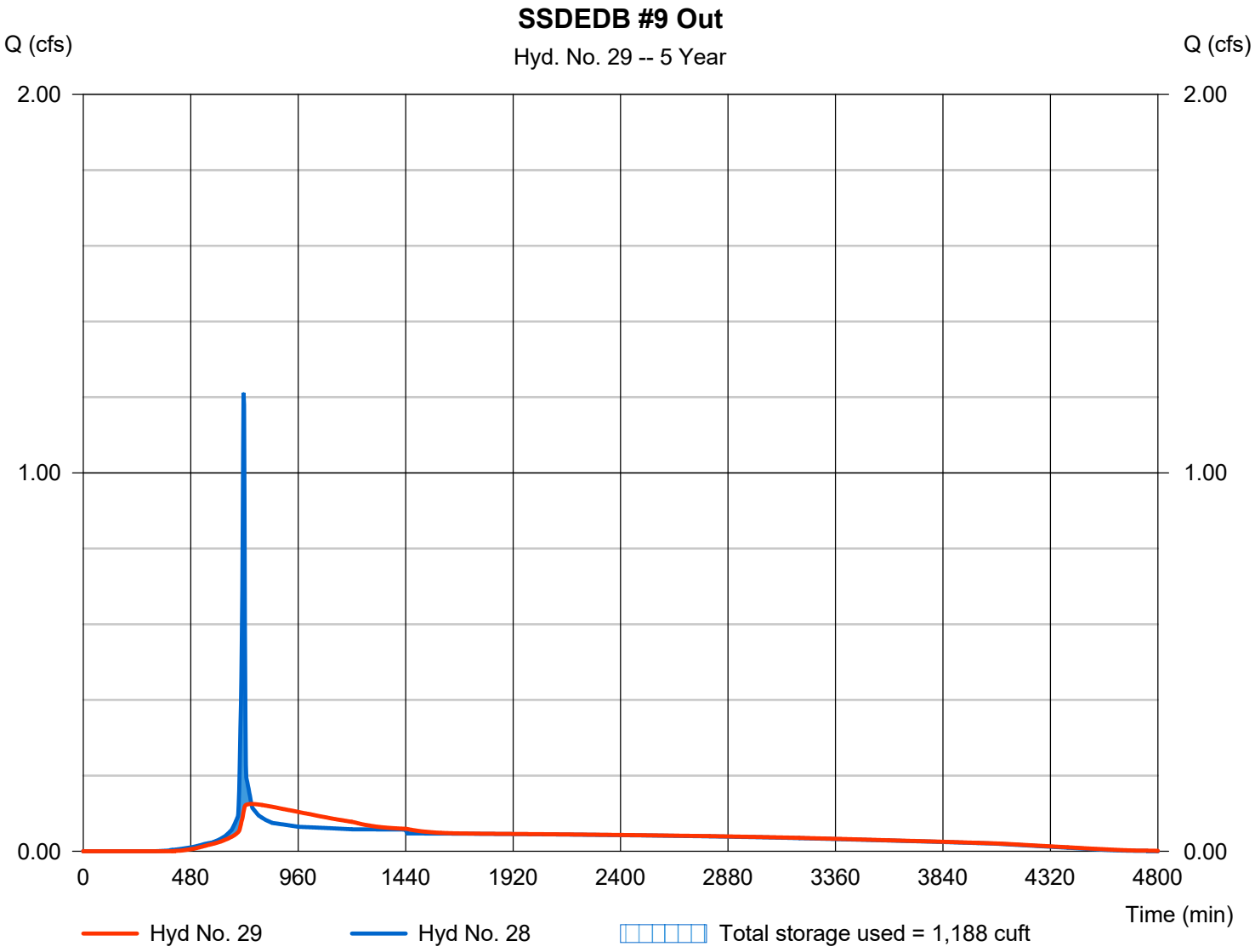
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.125 cfs
Storm frequency	=	5 yrs	Time to peak	=	750 min
Time interval	=	2 min	Hyd. volume	=	10,865 cuft
Inflow hyd. No.	=	28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	=	430.67 ft
Reservoir name	=	SSDEDB #9	Max. Storage	=	1,188 cuft

Storage Indication method used.



Hydrograph Report

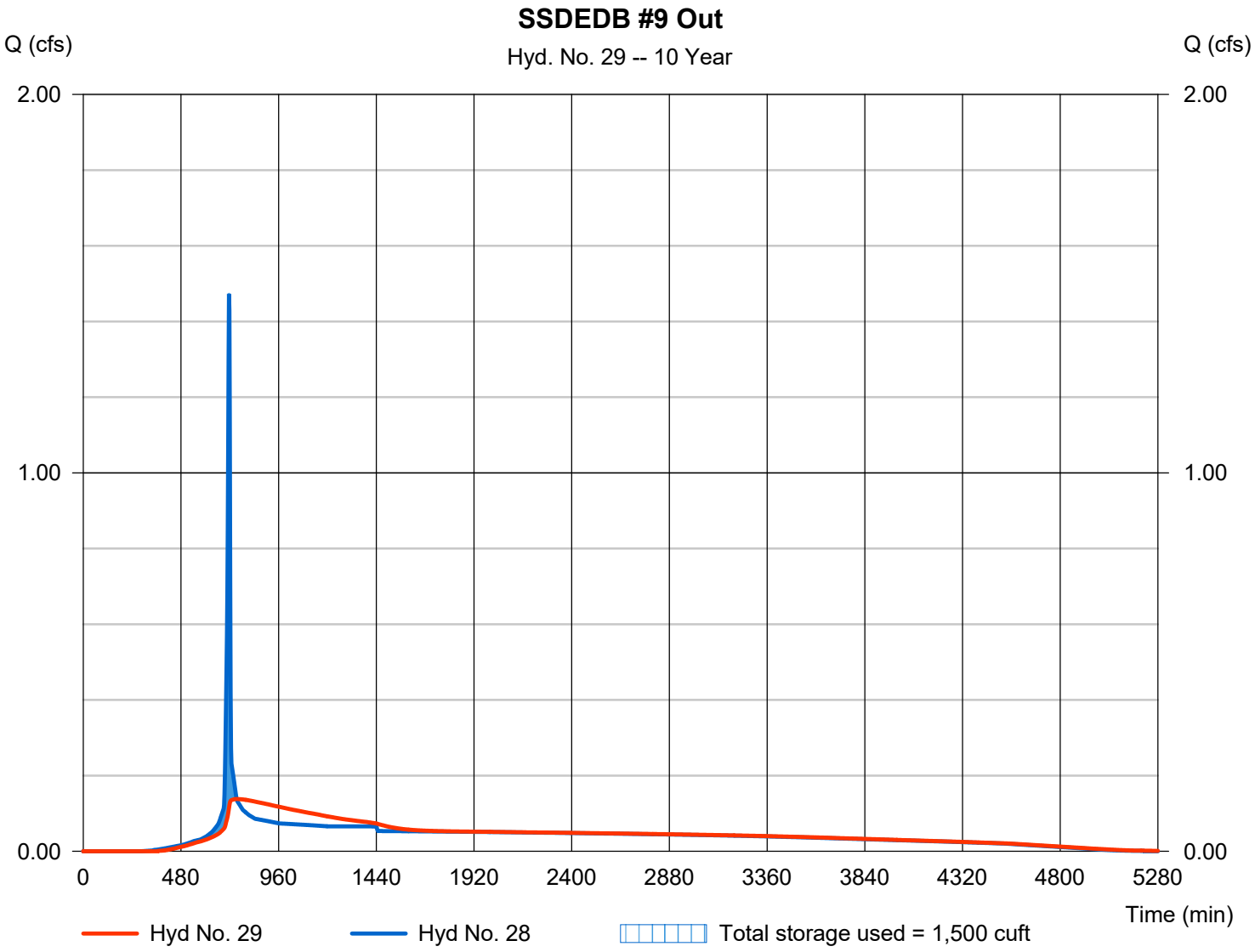
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.138 cfs
Storm frequency	=	10 yrs	Time to peak	=	754 min
Time interval	=	2 min	Hyd. volume	=	13,388 cuft
Inflow hyd. No.	=	28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	=	430.99 ft
Reservoir name	=	SSDEDB #9	Max. Storage	=	1,500 cuft

Storage Indication method used.



Hydrograph Report

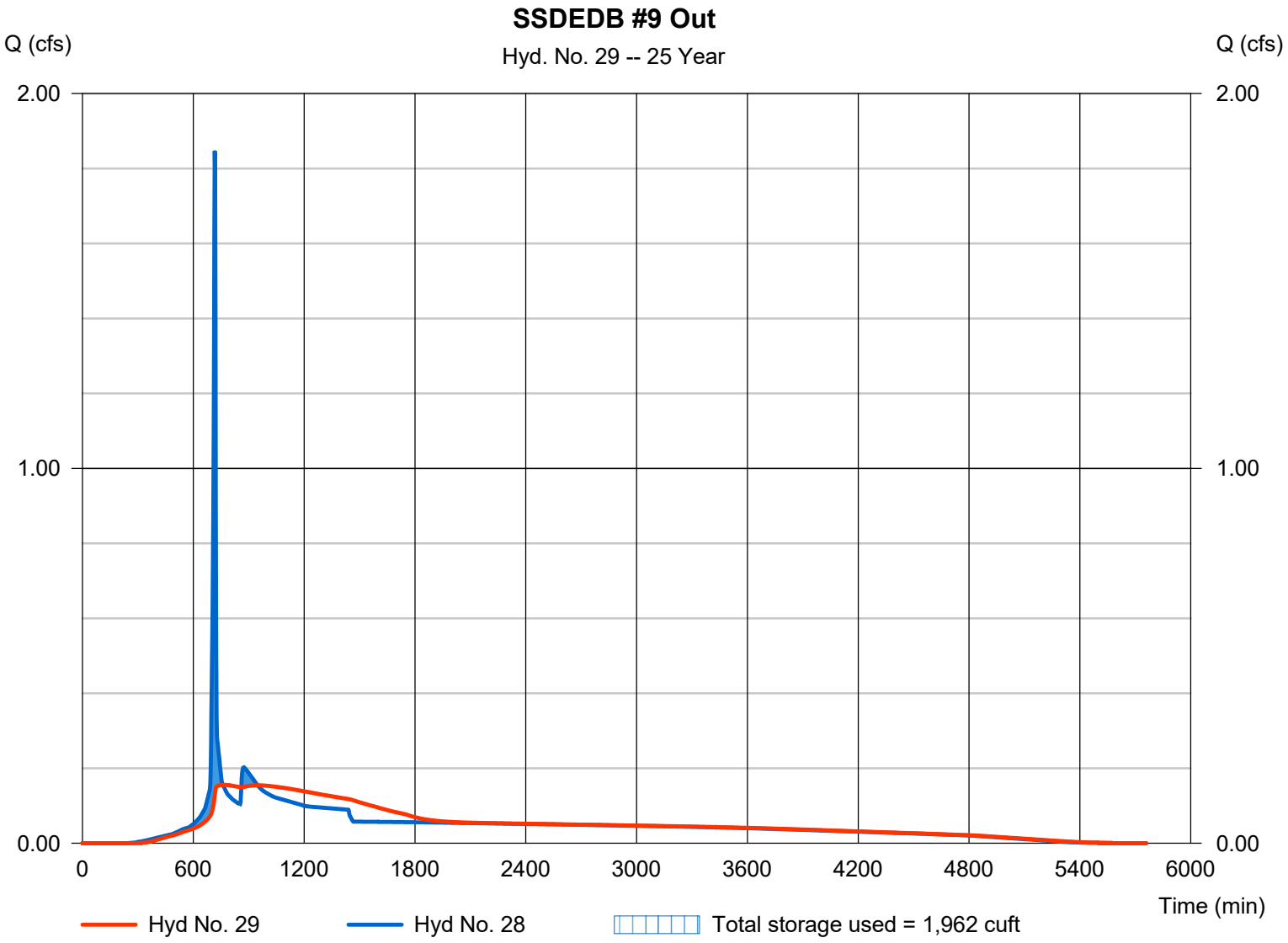
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.156 cfs
Storm frequency	=	25 yrs	Time to peak	=	760 min
Time interval	=	2 min	Hyd. volume	=	17,065 cuft
Inflow hyd. No.	=	28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	=	431.48 ft
Reservoir name	=	SSDEDB #9	Max. Storage	=	1,962 cuft

Storage Indication method used.



Hydrograph Report

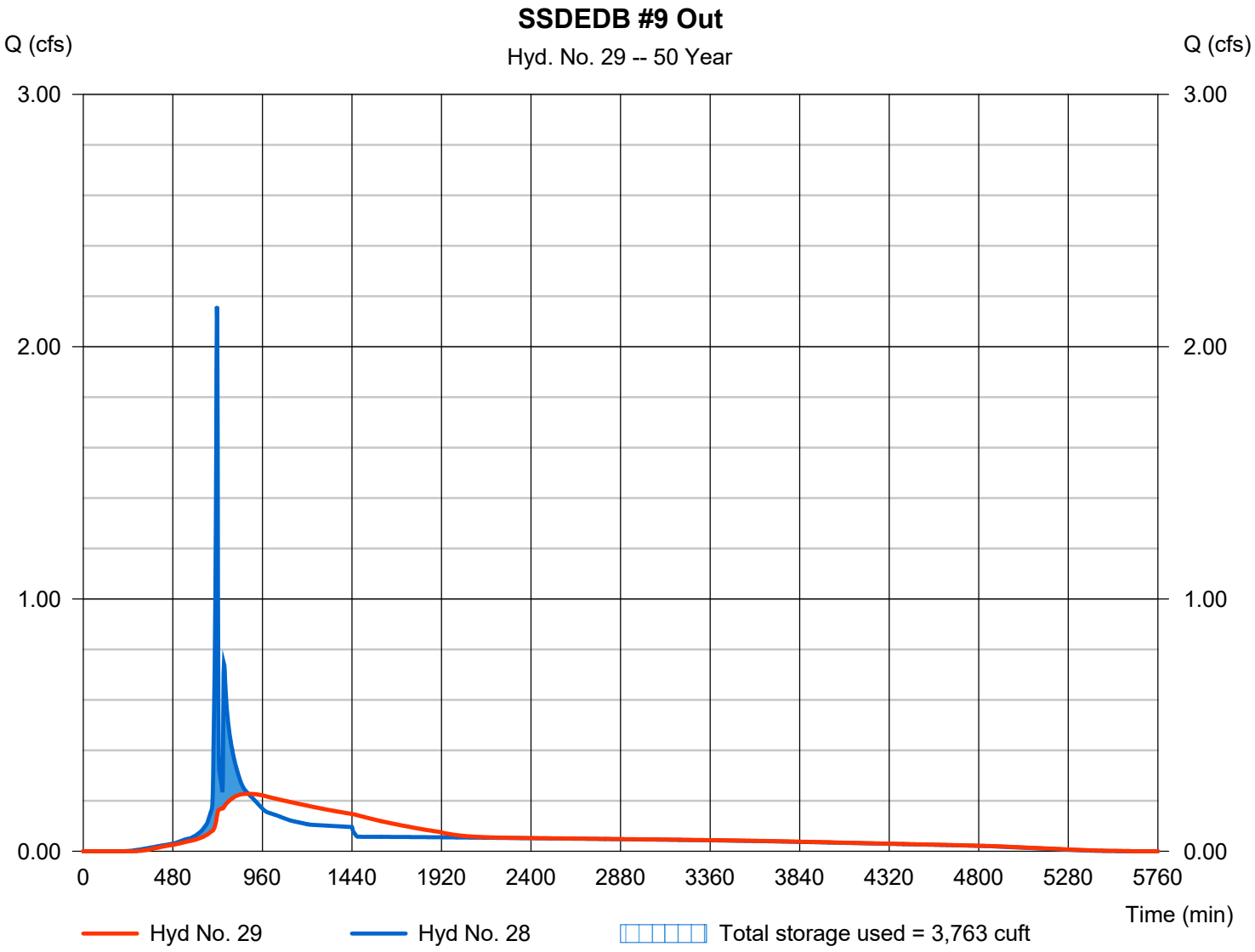
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.228 cfs
Storm frequency	=	50 yrs	Time to peak	=	884 min
Time interval	=	2 min	Hyd. volume	=	20,183 cuft
Inflow hyd. No.	=	28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	=	434.01 ft
Reservoir name	=	SSDEDB #9	Max. Storage	=	3,763 cuft

Storage Indication method used.



Hydrograph Report

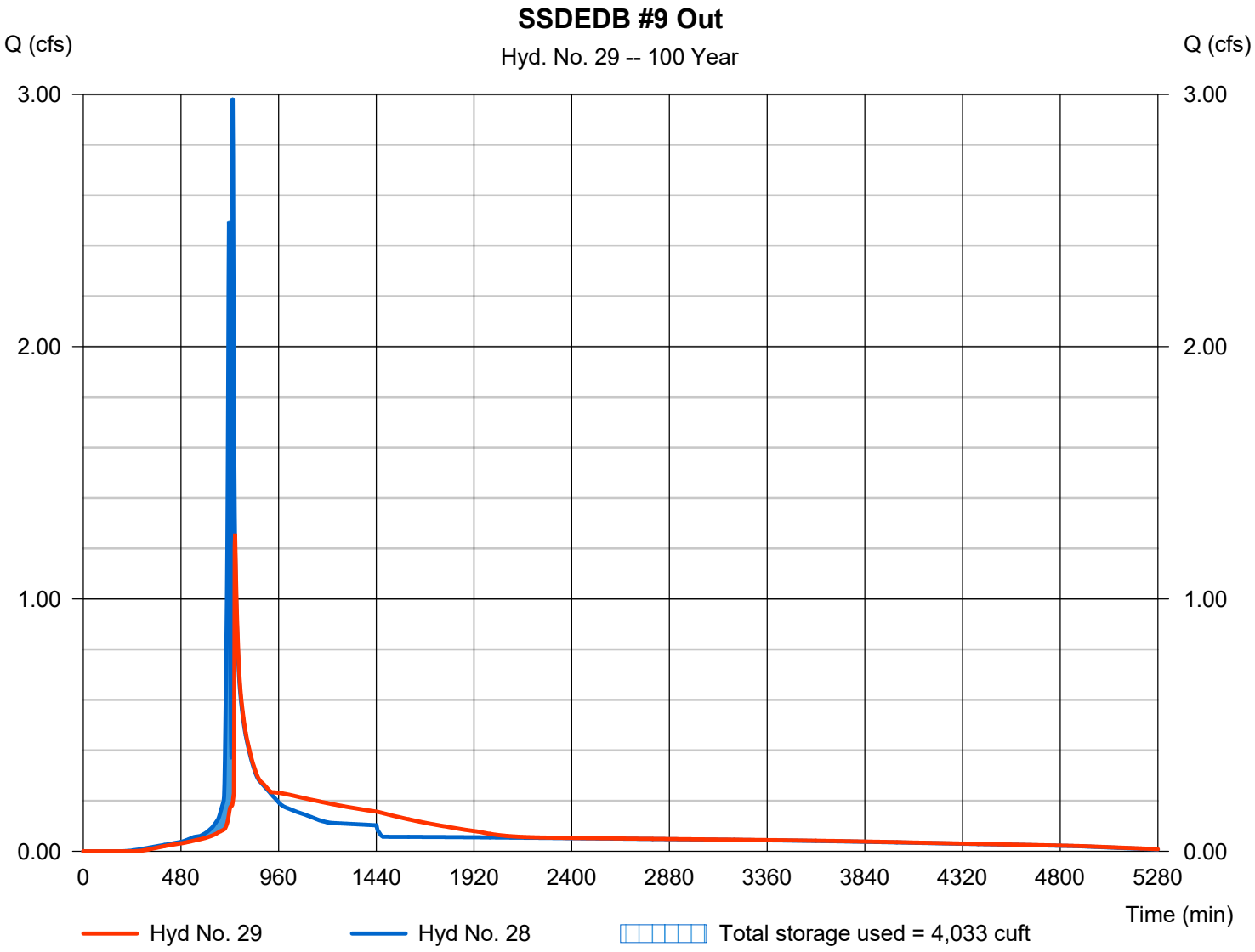
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	=	Reservoir	Peak discharge	=	1.259 cfs
Storm frequency	=	100 yrs	Time to peak	=	746 min
Time interval	=	2 min	Hyd. volume	=	23,589 cuft
Inflow hyd. No.	=	28 - SSDEDB #8 Out + SSDEDB #9 In	Max. Elevation	=	434.59 ft
Reservoir name	=	SSDEDB #9	Max. Storage	=	4,033 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #10

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.17	61
IMPERVIOUS	0.33	98

TOTAL 0.50

Hydrograph Report

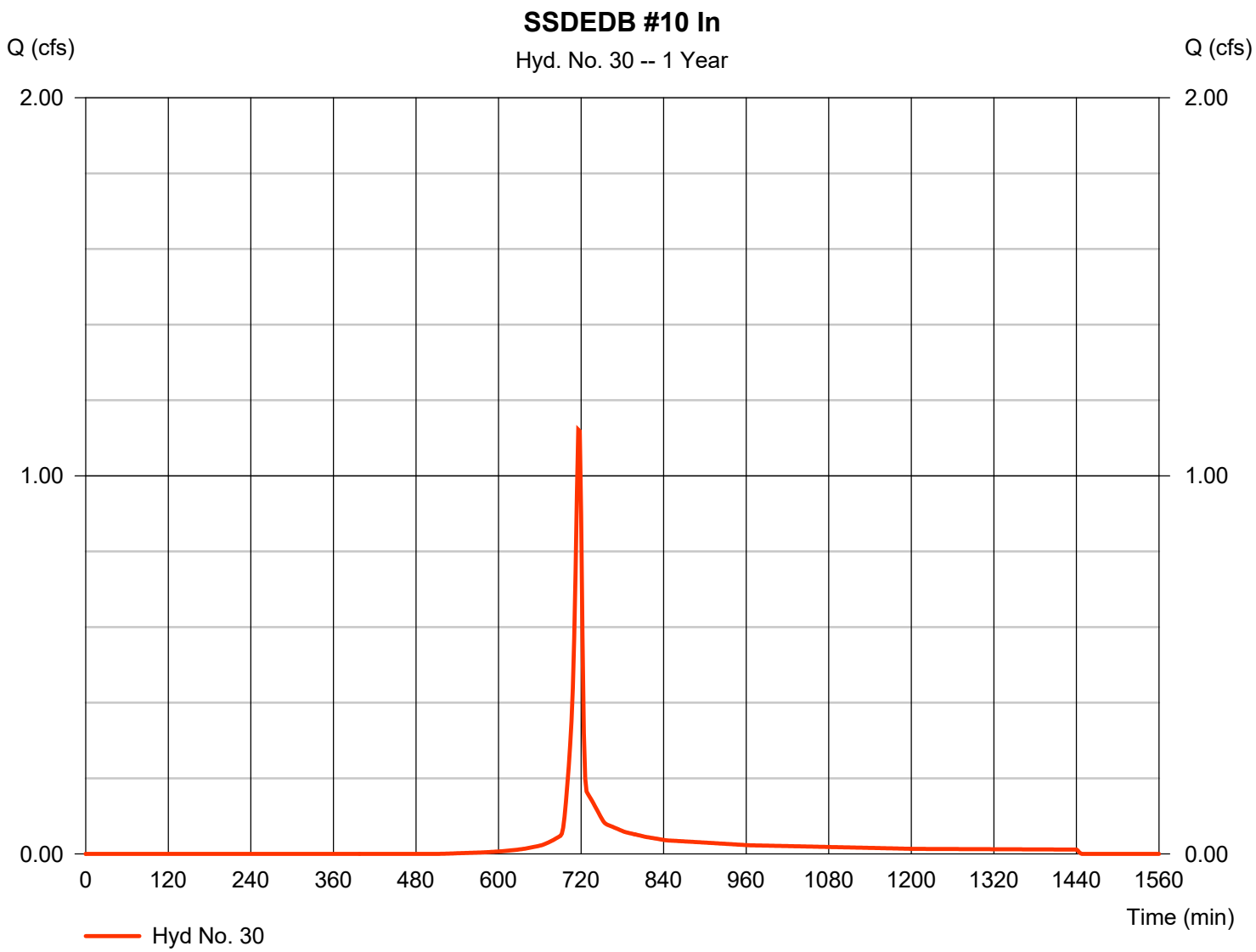
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.122 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,266 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

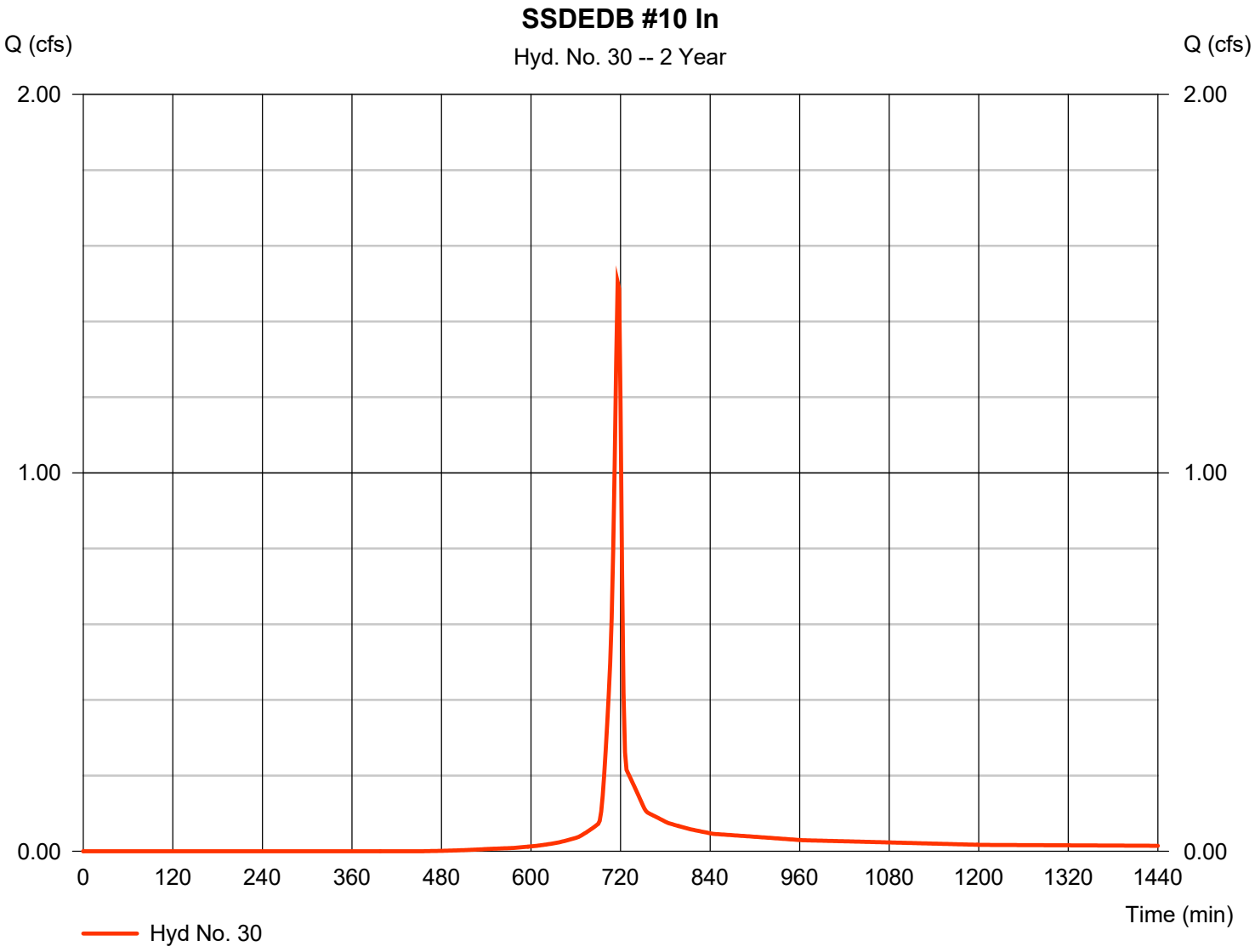
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.504 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,049 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

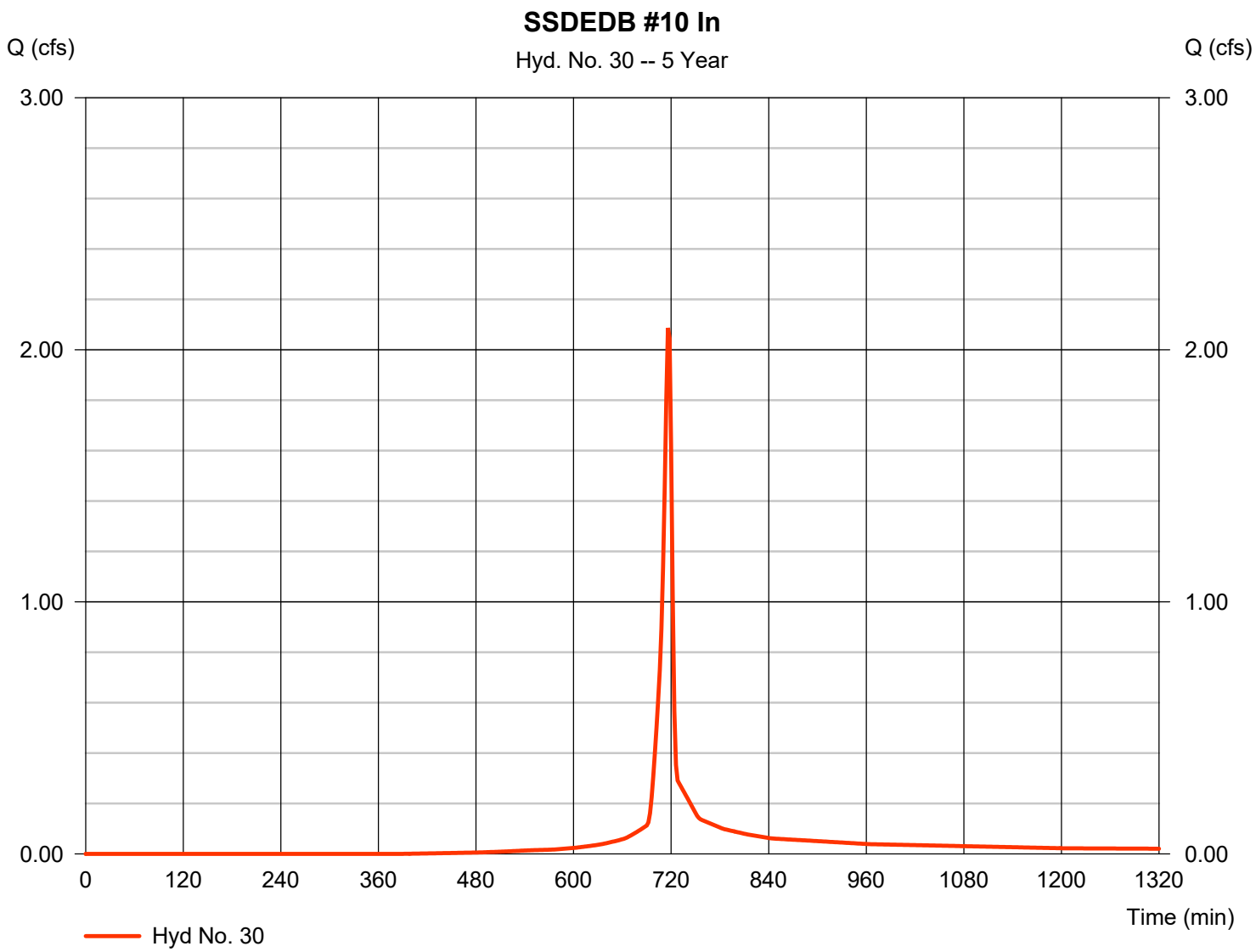
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.087 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,273 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

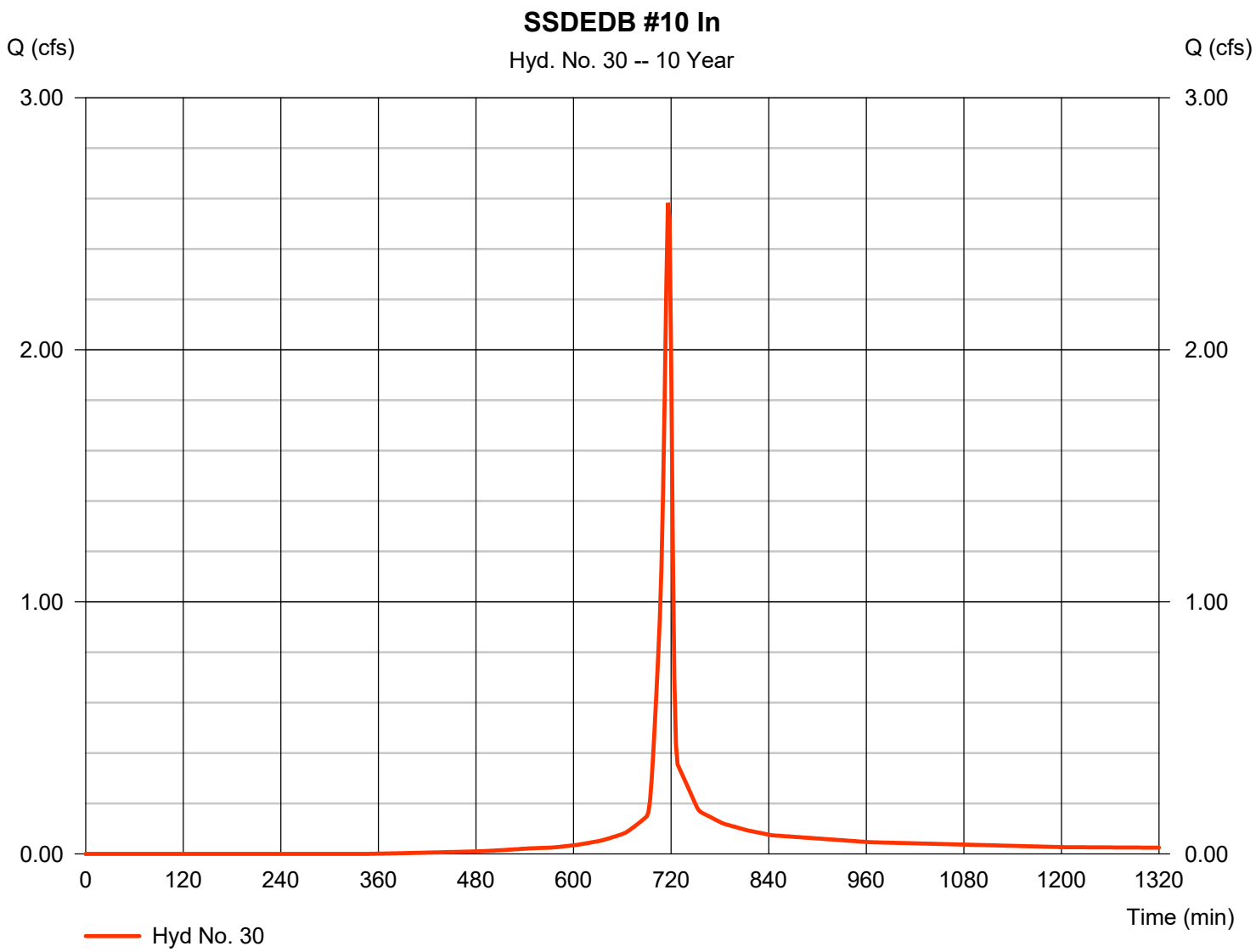
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.583 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,339 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

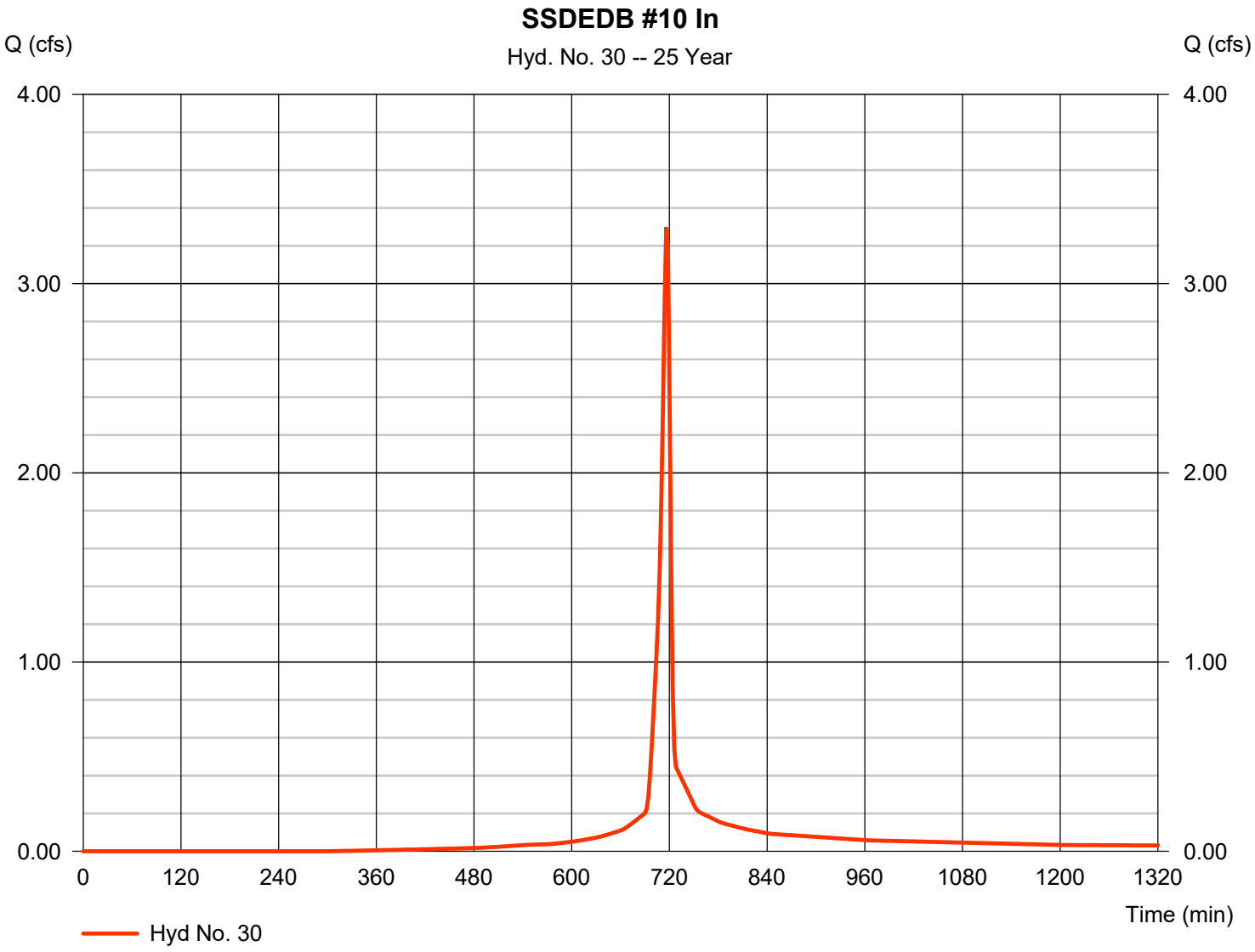
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.298 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,905 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

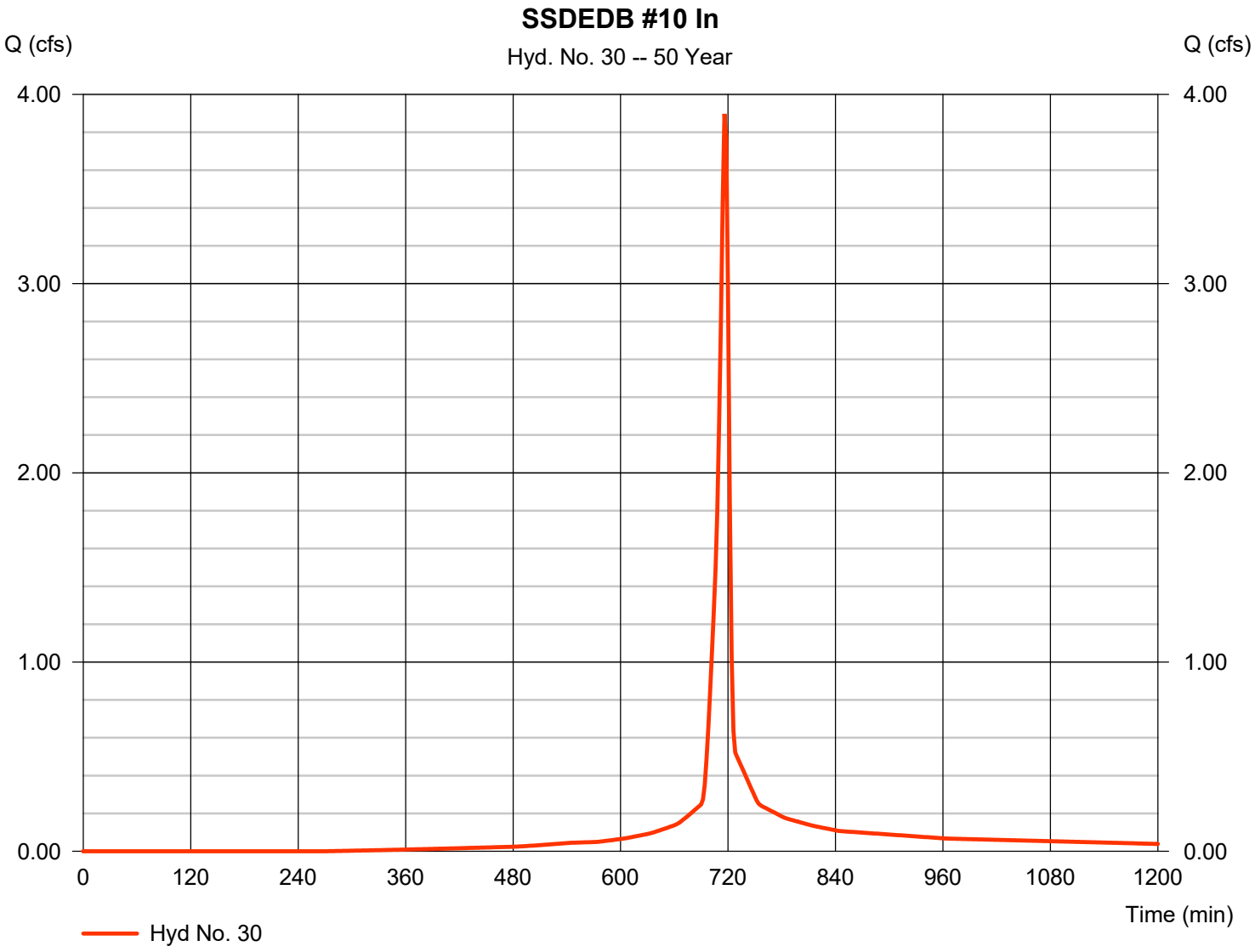
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.897 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 8,240 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



Hydrograph Report

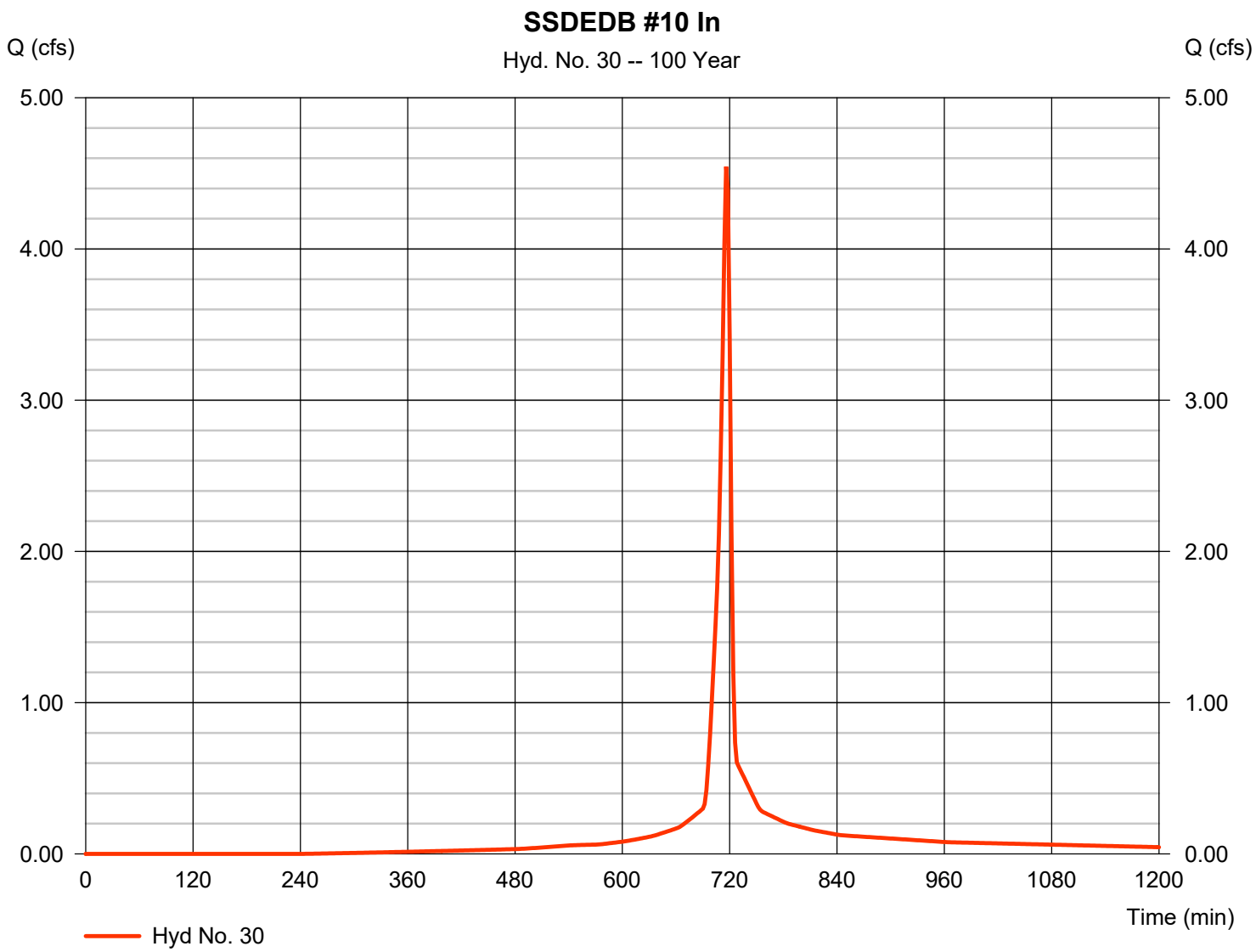
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 30

SSDEDB #10 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.545 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 9,704 cuft
Drainage area	= 0.500 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.170 x 61) + (0.330 x 98)] / 0.500



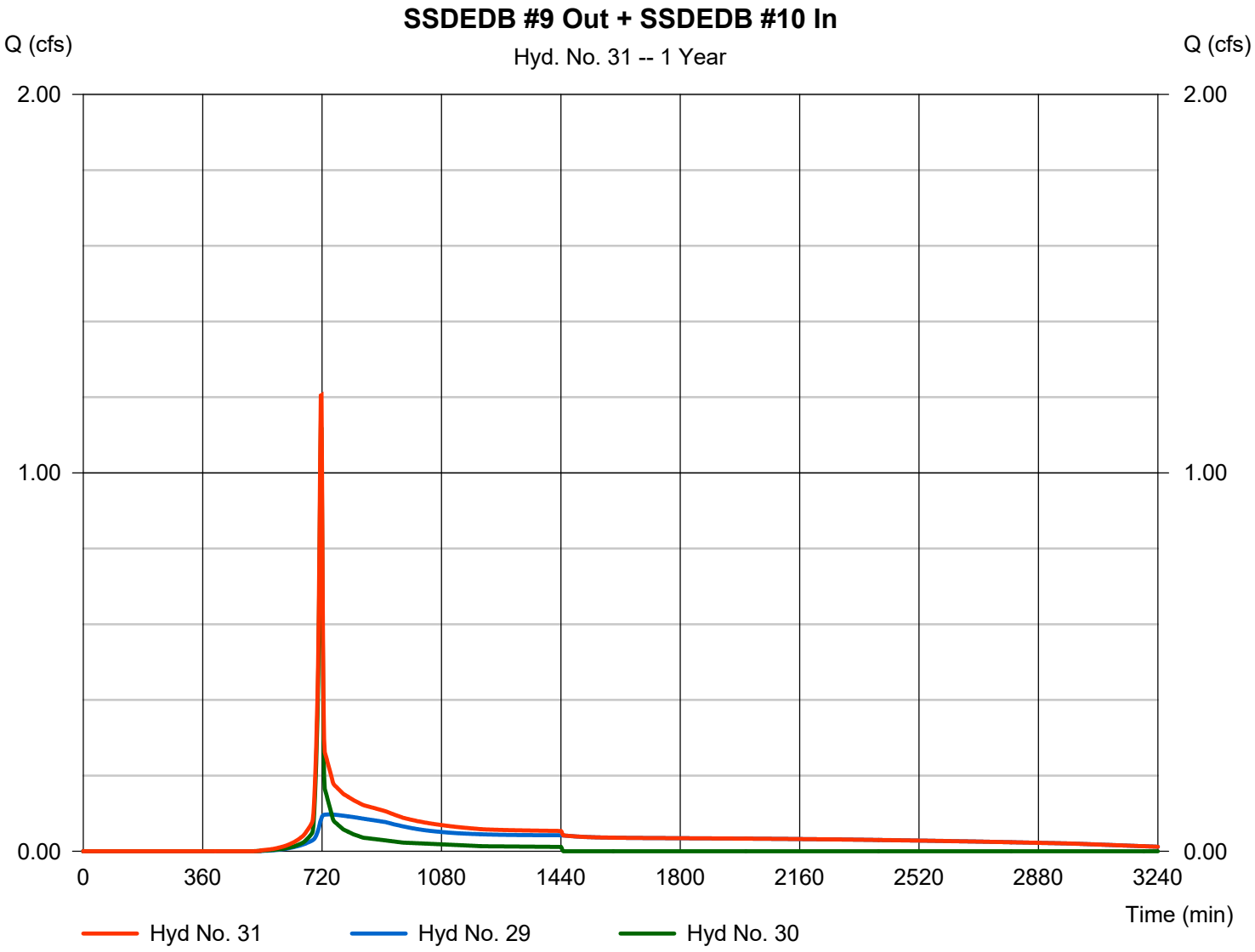
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 1.206 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 8,298 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



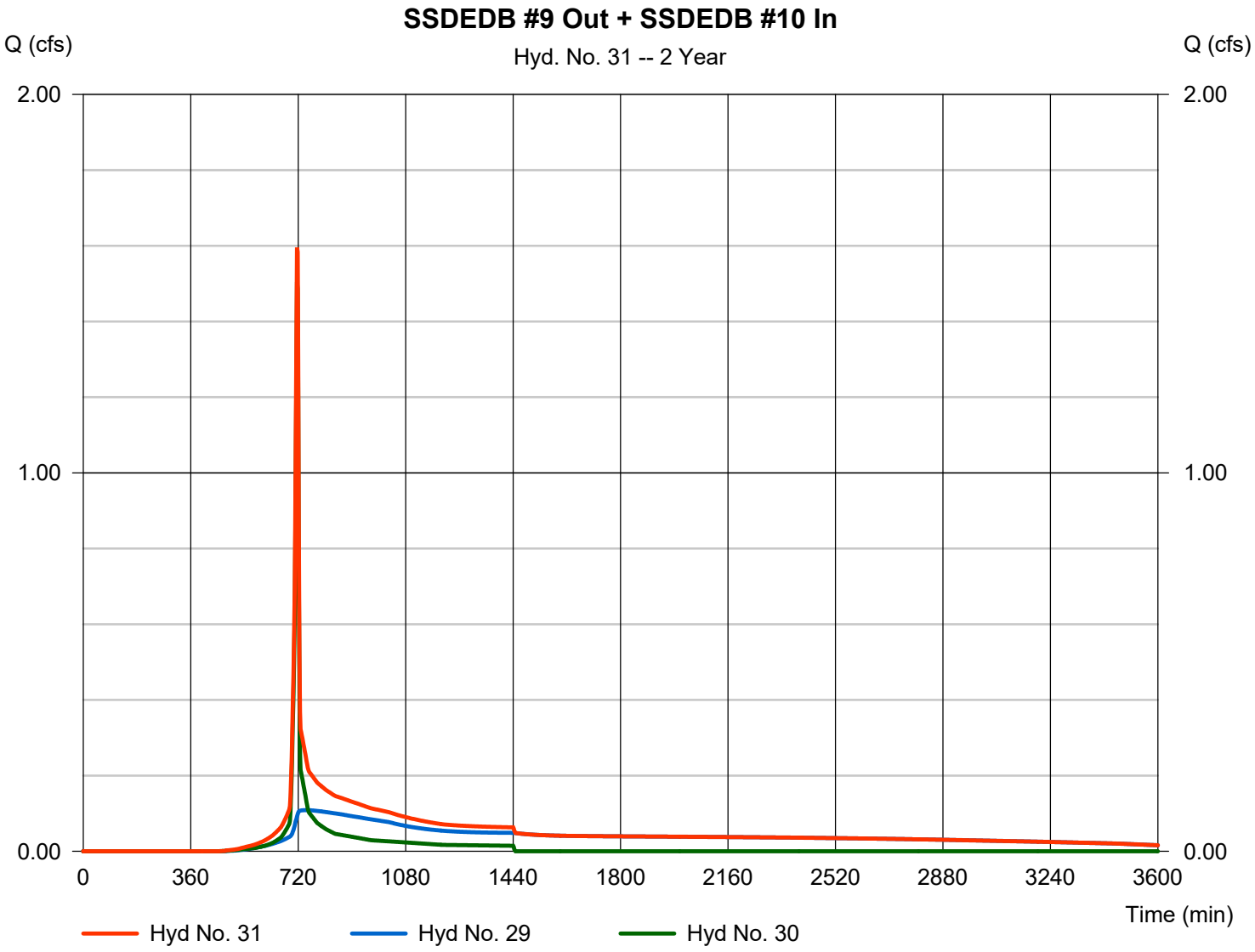
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 1.595 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 10,983 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



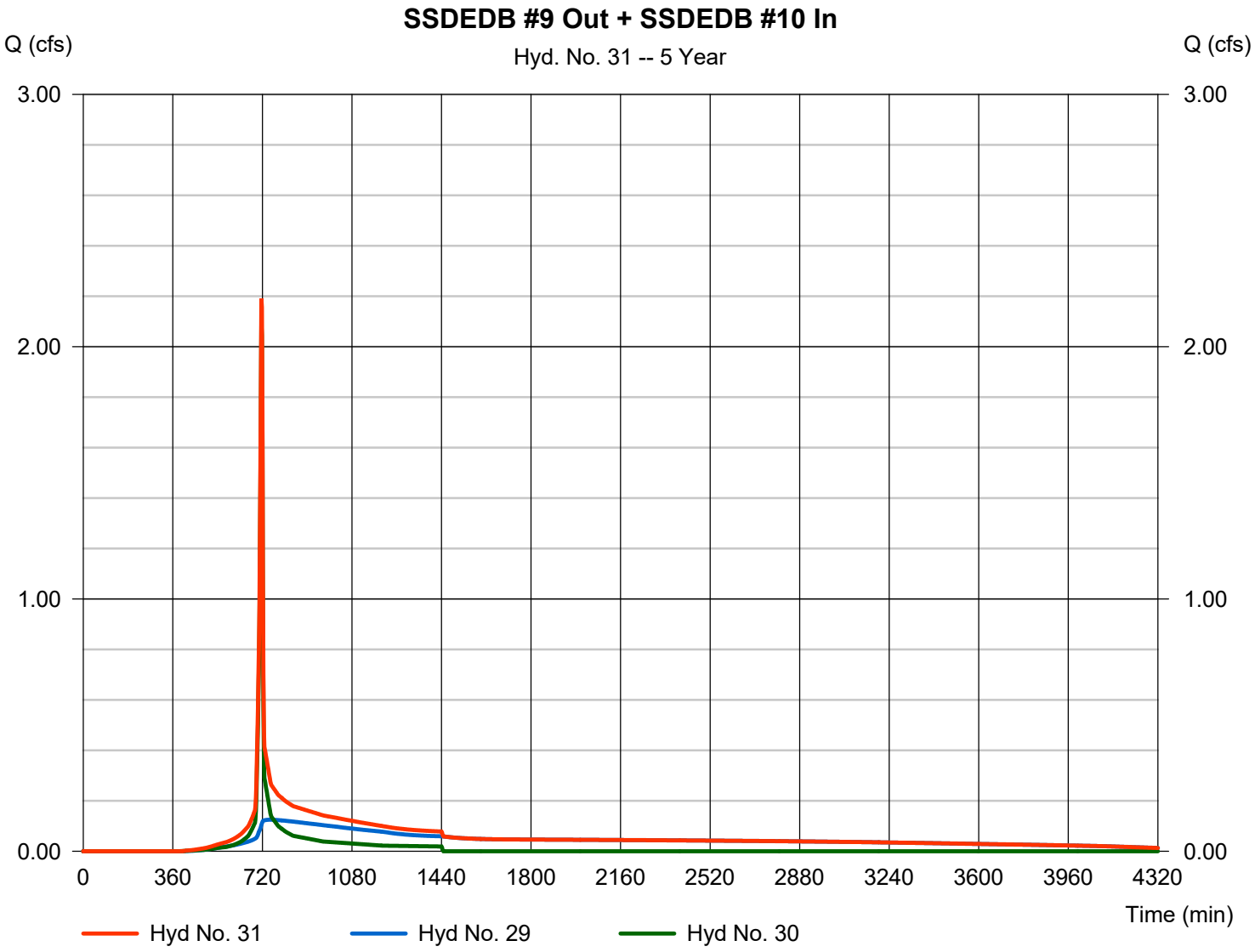
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 2.191 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 15,138 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



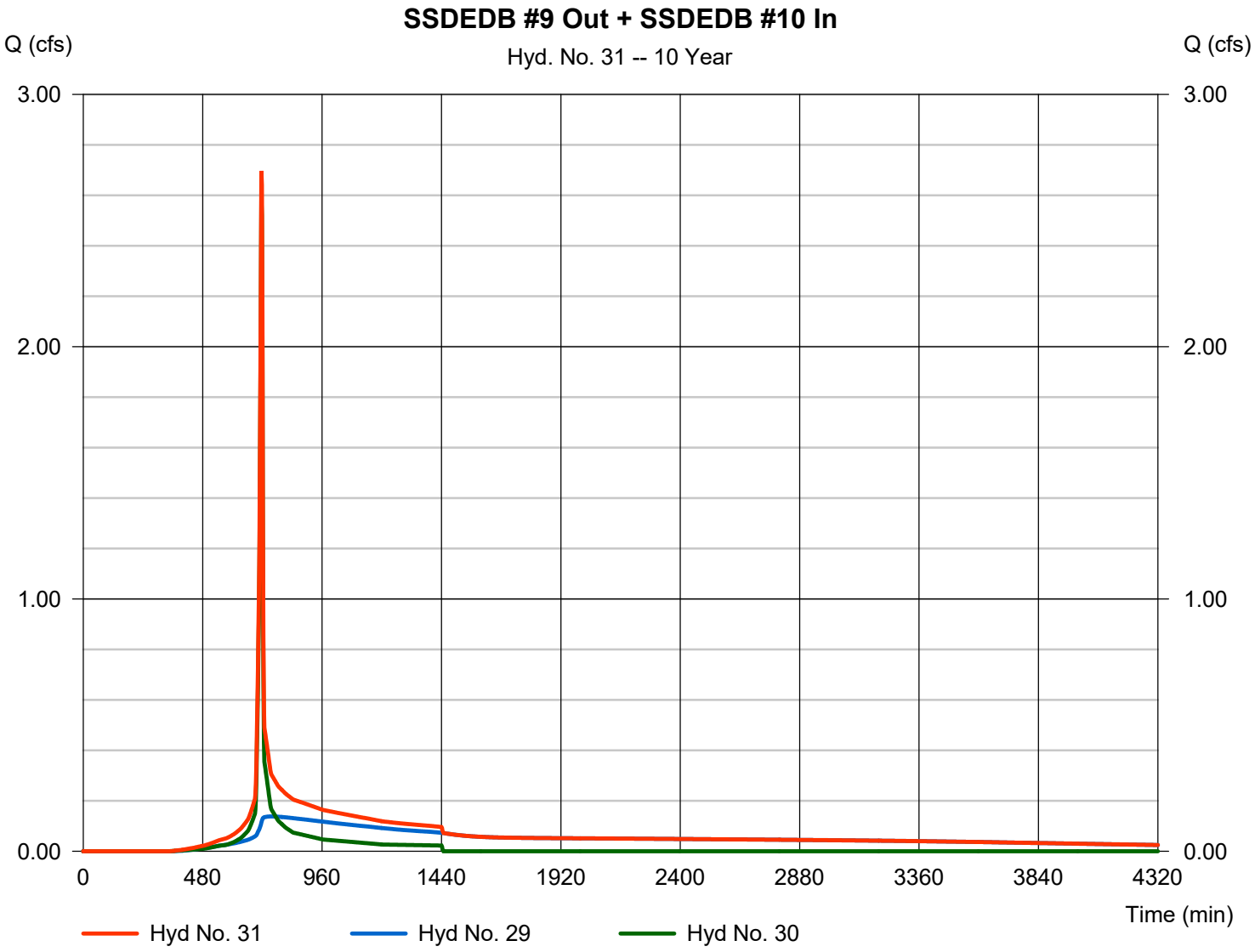
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 2.697 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 18,727 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



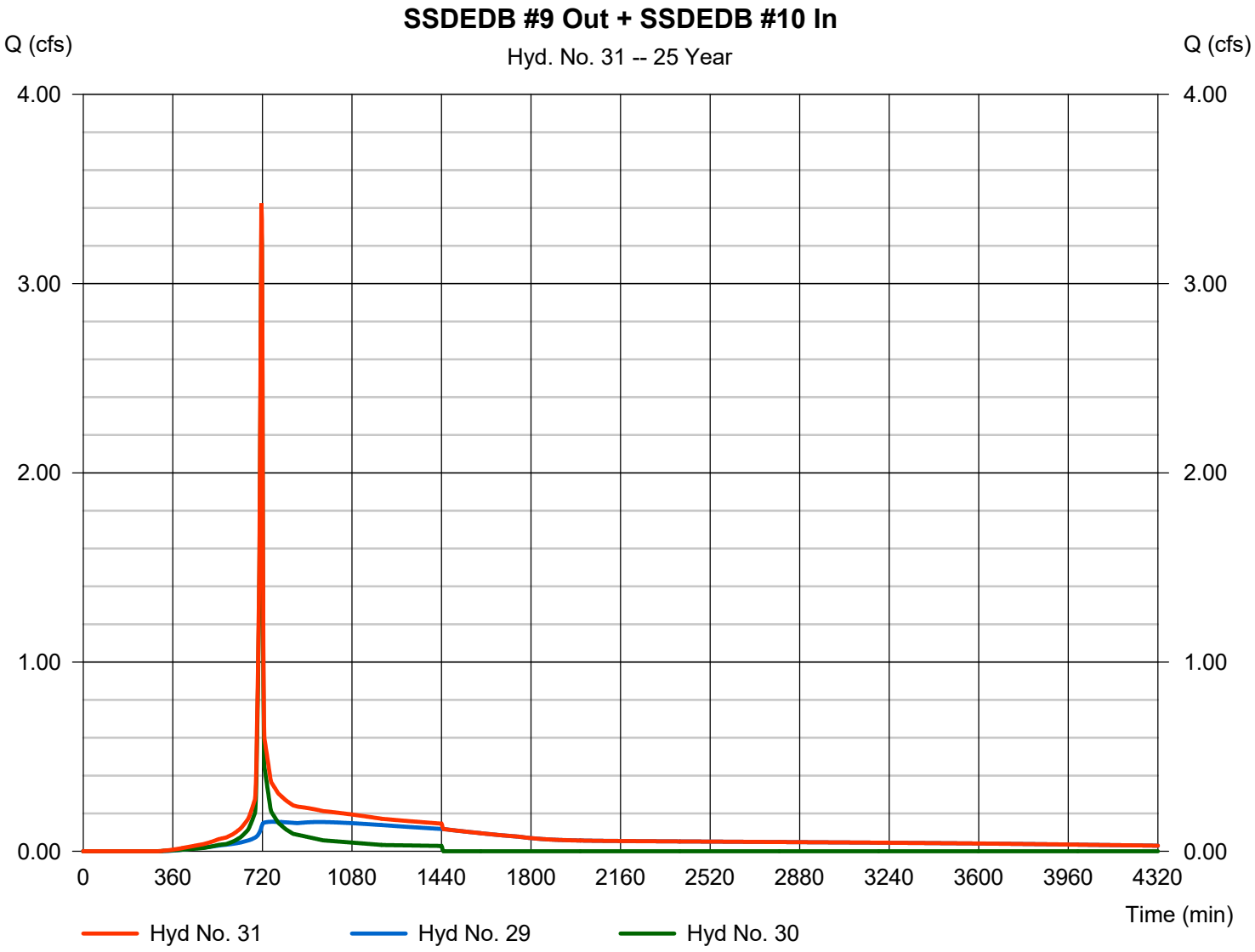
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 3.425 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 23,969 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



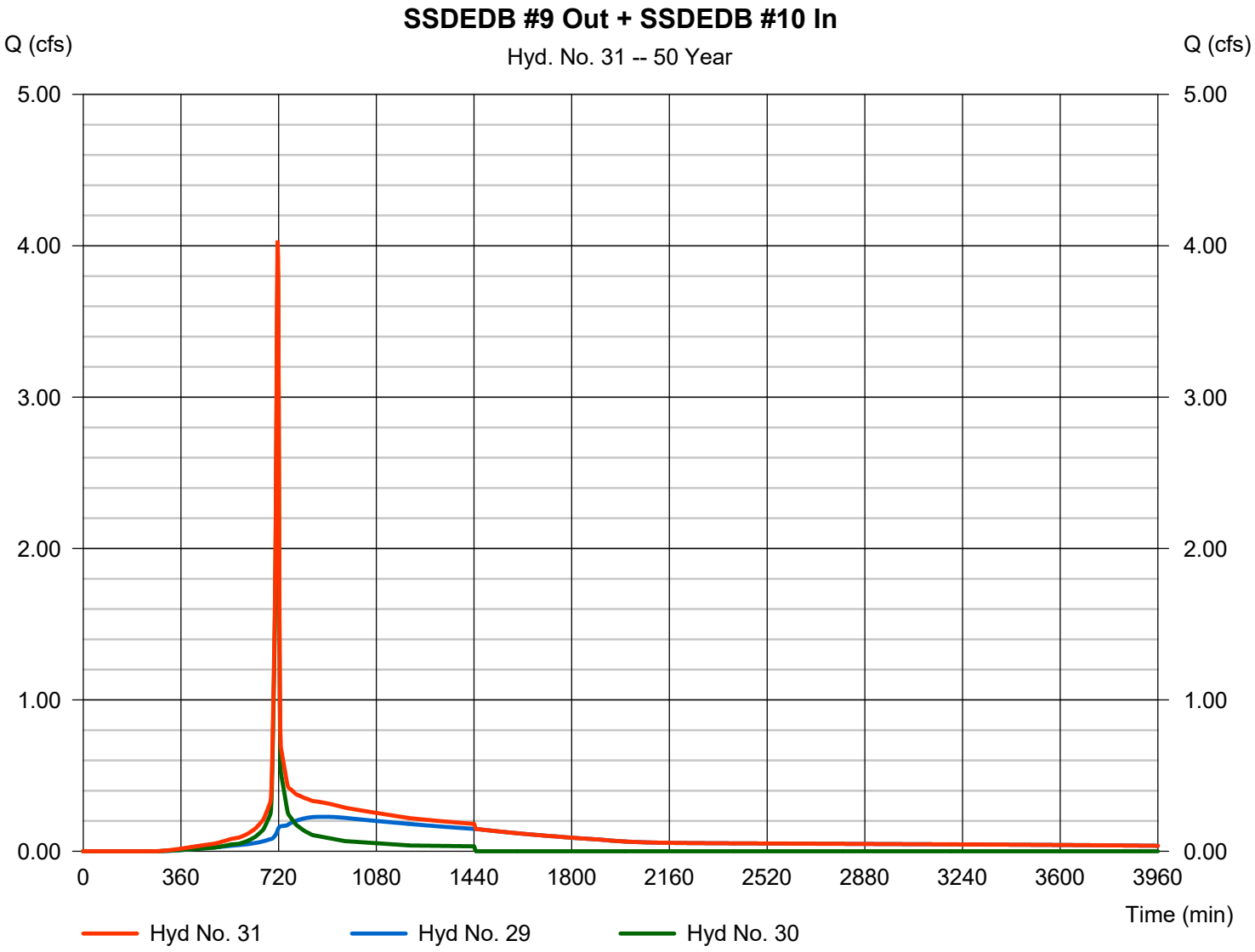
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 4.035 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 28,423 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



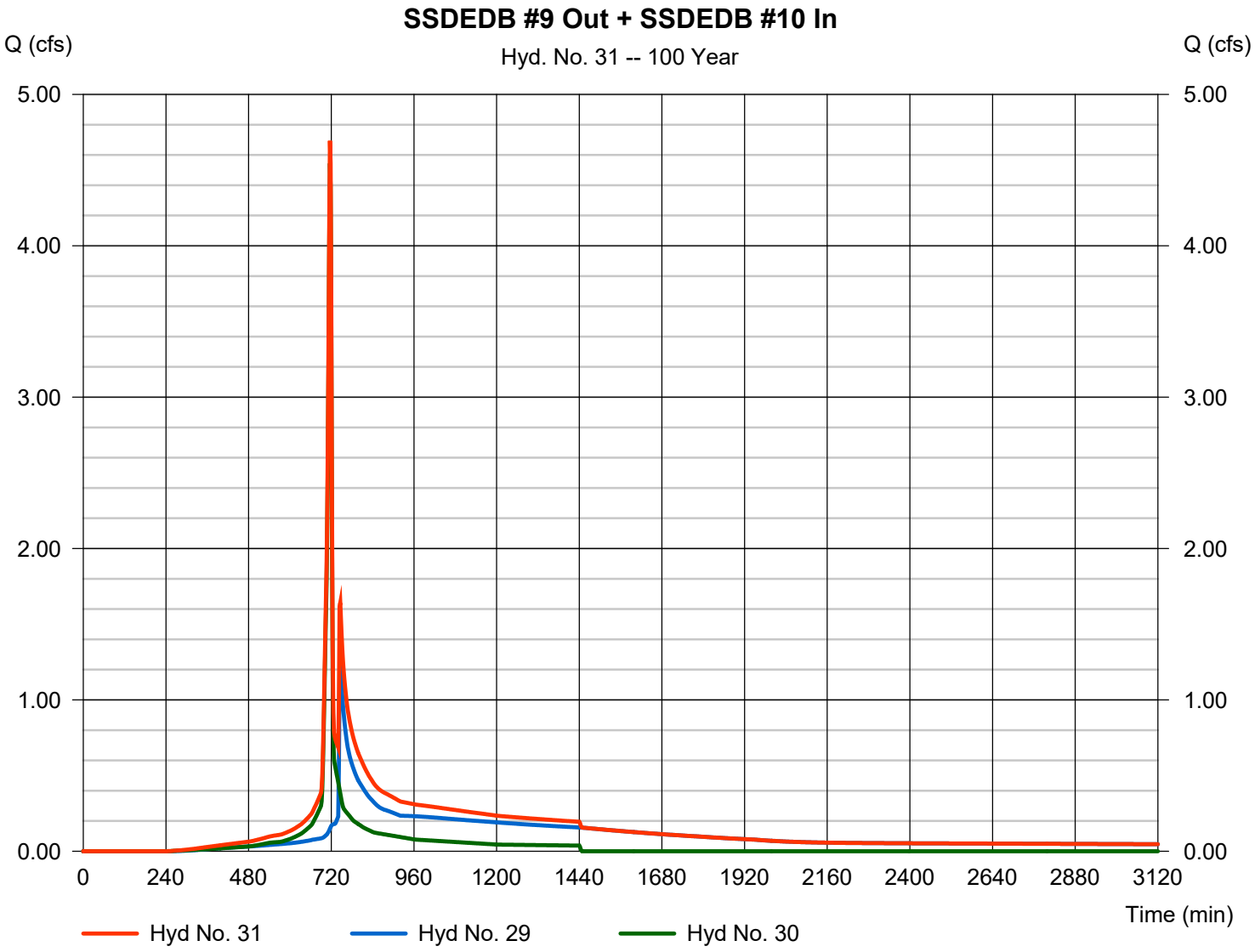
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 31

SSDEDB #9 Out + SSDEDB #10 In

Hydrograph type	= Combine	Peak discharge	= 4.693 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 33,293 cuft
Inflow hyds.	= 29, 30	Contrib. drain. area	= 0.500 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #10

		Volume for One Chamber			# of Chambers 33	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	414.9500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	415.0333	1.71	0.00	1.71	56.43	0.56	0.00	0.56	3.36	59.79
2	415.1167	1.71	0.00	3.42	112.86	0.58	0.00	1.14	6.84	119.70
3	415.2000	1.72	0.00	5.14	169.62	0.57	0.00	1.71	10.26	179.88
4	415.2833	1.71	0.00	6.85	226.05	0.57	0.00	2.28	13.68	239.73
5	415.3667	1.71	0.00	8.56	282.48	0.57	0.00	2.85	17.10	299.58
6	415.4500	1.71	0.00	10.27	338.91	0.57	0.00	3.42	20.52	359.43
7	415.5333	1.71	0.00	11.98	395.34	0.57	0.00	3.99	23.94	419.28
8	415.6167	1.72	0.00	13.70	452.10	0.56	0.00	4.55	27.30	479.40
9	415.7000	1.71	0.00	15.41	508.53	0.57	0.00	5.12	30.72	539.25
10	415.7833	0.30	3.51	19.22	634.26	0.32	0.63	6.07	36.42	670.68
11	415.8667	0.33	3.47	23.02	759.66	0.32	0.63	7.02	42.12	801.78
12	415.9500	0.33	3.46	26.81	884.73	0.32	0.62	7.96	47.76	932.49
13	416.0333	0.33	3.44	30.58	1009.14	0.33	0.61	8.90	53.40	1062.54
14	416.1167	0.35	3.41	34.34	1133.22	0.32	0.61	9.83	58.98	1192.20
15	416.2000	0.35	3.40	38.09	1256.97	0.33	0.60	10.76	64.56	1321.53
16	416.2833	0.38	3.36	41.83	1380.39	0.33	0.60	11.69	70.14	1450.53
17	416.3667	0.36	3.35	45.54	1502.82	0.34	0.58	12.61	75.66	1578.48
18	416.4500	0.39	3.32	49.25	1625.25	0.33	0.58	13.52	81.12	1706.37
19	416.5333	0.39	3.29	52.93	1746.69	0.34	0.57	14.43	86.58	1833.27
20	416.6167	0.41	3.26	56.60	1867.80	0.35	0.56	15.34	92.04	1959.84
21	416.7000	0.42	3.23	60.25	1988.25	0.36	0.54	16.24	97.44	2085.69
22	416.7833	0.43	3.20	63.88	2108.04	0.35	0.54	17.13	102.78	2210.82
23	416.8667	0.46	3.16	67.50	2227.50	0.36	0.52	18.01	108.06	2335.56
24	416.9500	0.46	3.13	71.09	2345.97	0.36	0.51	18.88	113.28	2459.25
25	417.0333	0.46	3.10	74.65	2463.45	0.38	0.49	19.75	118.50	2581.95
26	417.1167	0.50	3.05	78.20	2580.60	0.38	0.48	20.61	123.66	2704.26
27	417.2000	0.51	3.01	81.72	2696.76	0.38	0.46	21.45	128.70	2825.46
28	417.2833	0.52	2.97	85.21	2811.93	0.39	0.45	22.29	133.74	2945.67
29	417.3667	0.54	2.93	88.68	2926.44	0.40	0.43	23.12	138.72	3065.16
30	417.4500	0.57	2.87	92.12	3039.96	0.40	0.41	23.93	143.58	3183.54
31	417.5333	0.57	2.83	95.52	3152.16	0.42	0.39	24.74	148.44	3300.60
32	417.6167	0.61	2.77	98.90	3263.70	0.42	0.37	25.53	153.18	3416.88
33	417.7000	0.62	2.72	102.24	3373.92	0.42	0.35	26.30	157.80	3531.72
34	417.7833	0.65	2.65	105.54	3482.82	0.45	0.33	27.08	162.48	3645.30
35	417.8667	0.67	2.60	108.81	3590.73	0.44	0.32	27.84	167.04	3757.77
36	417.9500	0.71	2.52	112.04	3697.32	0.45	0.29	28.58	171.48	3868.80
37	418.0333	0.73	2.46	115.23	3802.59	0.46	0.27	29.31	175.86	3978.45
38	418.1167	0.75	2.39	118.37	3906.21	0.46	0.26	30.03	180.18	4086.39
39	418.2000	0.80	2.30	121.47	4008.51	0.48	0.24	30.75	184.50	4193.01
40	418.2833	0.81	2.23	124.51	4108.83	0.49	0.21	31.45	188.70	4297.53
41	418.3667	0.87	2.13	127.51	4207.83	0.48	0.20	32.13	192.78	4400.61
42	418.4500	0.89	2.04	130.44	4304.52	0.50	0.18	32.81	196.86	4501.38
43	418.5333	0.94	1.94	133.32	4399.56	0.51	0.16	33.48	200.88	4600.44
44	418.6167	0.98	1.83	136.13	4492.29	0.51	0.14	34.13	204.78	4697.07
45	418.7000	1.02	1.71	138.86	4582.38	0.52	0.12	34.77	208.62	4791.00
46	418.7833	1.09	1.57	141.52	4670.16	0.53	0.10	35.40	212.40	4882.56
47	418.8667	1.15	1.42	144.09	4754.97	0.53	0.09	36.02	216.12	4971.09
48	418.9500	1.21	1.25	146.55	4836.15	0.55	0.07	36.64	219.84	5055.99
49	419.0333	1.30	1.03	148.88	4913.04	0.55	0.05	37.24	223.44	5136.48
50	419.1167	1.43	0.69	151.00	4983.00	0.55	0.04	37.83	226.98	5209.98
51	419.2000	1.55	0.40	152.95	5047.35	0.56	0.02	38.41	230.46	5277.81
52	419.2833	1.60	0.29	154.84	5109.72	0.57	0.01	38.99	233.94	5343.66
53	419.3667	1.63	0.20	156.67	5170.11	0.56	0.01	39.56	237.36	5407.47
54	419.4500	1.69	0.06	158.42	5227.86	0.57	0.00	40.13	240.78	5468.64
55	419.5333	1.71	0.00	160.13	5284.29	0.57	0.00	40.70	244.20	5528.49
56	419.6167	1.71	0.00	161.84	5340.72	0.57	0.00	41.27	247.62	5588.34
57	419.7000	1.71	0.00	163.55	5397.15	0.57	0.00	41.84	251.04	5648.19
58	419.7833	1.72	0.00	165.27	5453.91	0.57	0.00	42.41	254.46	5708.37
59	419.8667	1.71	0.00	166.98	5510.34	0.57	0.00	42.98	257.88	5768.22
60	419.9500	1.71	0.00	168.69	5566.77	0.56	0.00	43.54	261.24	5828.01
61	420.0333	1.71	0.00	170.40	5623.20	0.57	0.00	44.11	264.66	5887.86
62	420.1167	1.71	0.00	172.11	5679.63	0.57	0.00	44.68	268.08	5947.71
63	420.2000	1.72	0.00	173.83	5736.39	0.57	0.00	45.25	271.50	6007.89
64	420.2833	1.71	0.00	175.54	5792.82	0.57	0.00	45.82	274.92	6067.74
65	420.3667	1.71	0.00	177.25	5849.25	0.57	0.00	46.39	278.34	6127.59
66	420.4500	1.71	0.00	178.96	5905.68	0.57	0.00	46.96	281.76	6187.44

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 10 - SSDEDB #10

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	414.95	n/a	0	0
0.33	415.28	n/a	240	240
0.67	415.62	n/a	240	479
1.00	415.95	n/a	453	932
1.33	416.28	n/a	518	1,451
1.67	416.62	n/a	509	1,960
2.00	416.95	n/a	499	2,459
2.33	417.28	n/a	486	2,946
2.67	417.62	n/a	471	3,417
3.00	417.95	n/a	452	3,869
3.33	418.28	n/a	429	4,298
3.67	418.62	n/a	400	4,697
4.00	418.95	n/a	359	5,056
4.33	419.28	n/a	288	5,344
4.67	419.62	n/a	245	5,588
5.00	419.95	n/a	240	5,828
5.33	420.28	n/a	240	6,068
5.50	420.45	n/a	120	6,187

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	0.00	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 414.95	414.95	0.00	0.00
Length (ft)	= 69.00	0.00	0.00	0.00
Slope (%)	= 1.01	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 420.00	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	414.95	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	240	415.28	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	479	415.62	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	932	415.95	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,451	416.28	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	1,960	416.62	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,459	416.95	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	2,946	417.28	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	3,417	417.62	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	3,869	417.95	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	4,298	418.28	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	4,697	418.62	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	5,056	418.95	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	5,344	419.28	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	5,588	419.62	0.23 ic	0.22 ic	---	---	0.00	---	---	---	---	---	0.222
5.00	5,828	419.95	0.23 ic	0.23 ic	---	---	0.00	---	---	---	---	---	0.230
5.33	6,068	420.28	1.25 ic	0.23 ic	---	---	1.00	---	---	---	---	---	1.232
5.50	6,187	420.45	2.26 ic	0.23 ic	---	---	2.01	---	---	---	---	---	2.240

Hydrograph Report

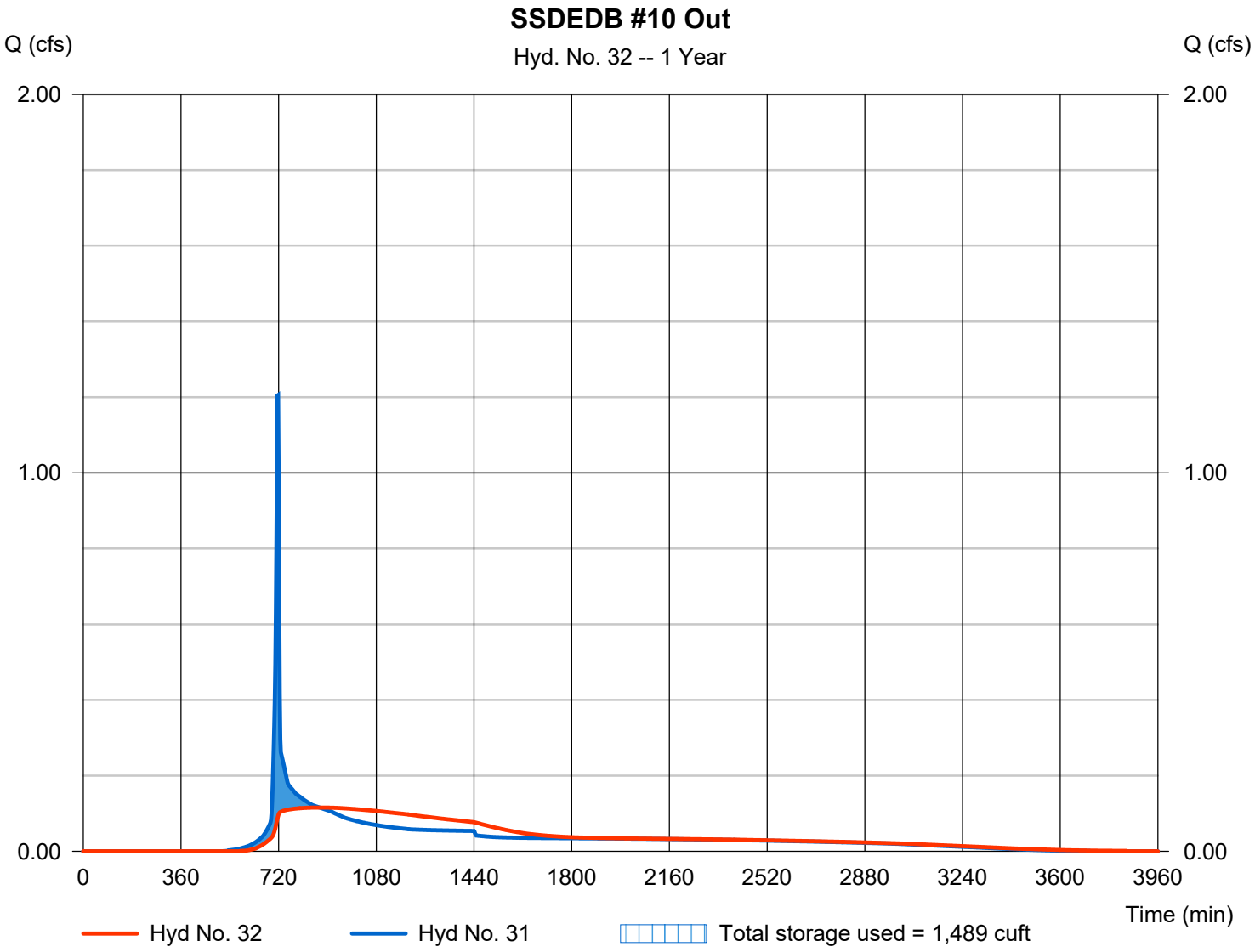
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.115 cfs
Storm frequency	=	1 yrs	Time to peak	=	872 min
Time interval	=	2 min	Hyd. volume	=	8,285 cuft
Inflow hyd. No.	=	31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	=	416.31 ft
Reservoir name	=	SSDEDB #10	Max. Storage	=	1,489 cuft

Storage Indication method used.



Hydrograph Report

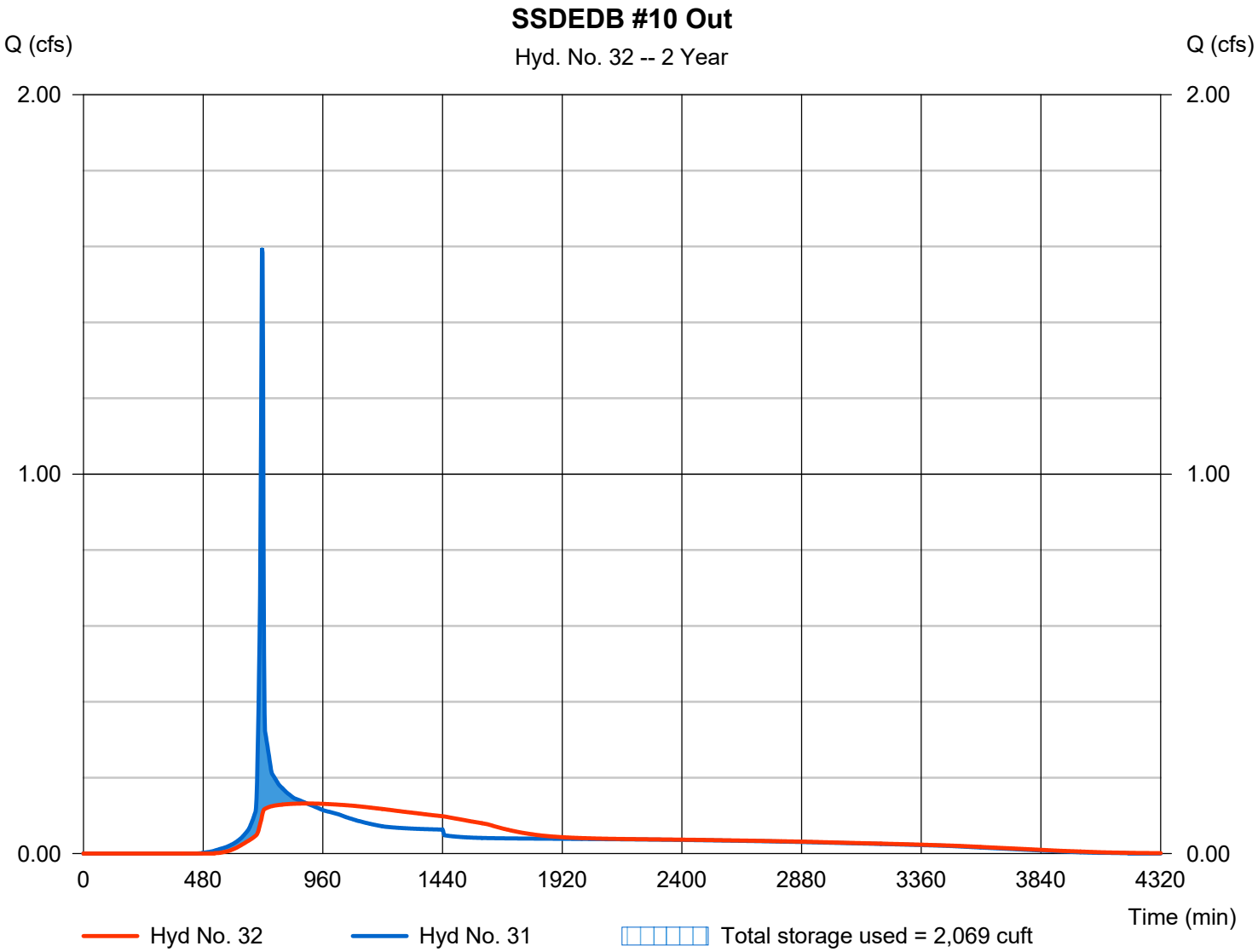
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.132 cfs
Storm frequency	=	2 yrs	Time to peak	=	896 min
Time interval	=	2 min	Hyd. volume	=	10,970 cuft
Inflow hyd. No.	=	31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	=	416.69 ft
Reservoir name	=	SSDEDB #10	Max. Storage	=	2,069 cuft

Storage Indication method used.



Hydrograph Report

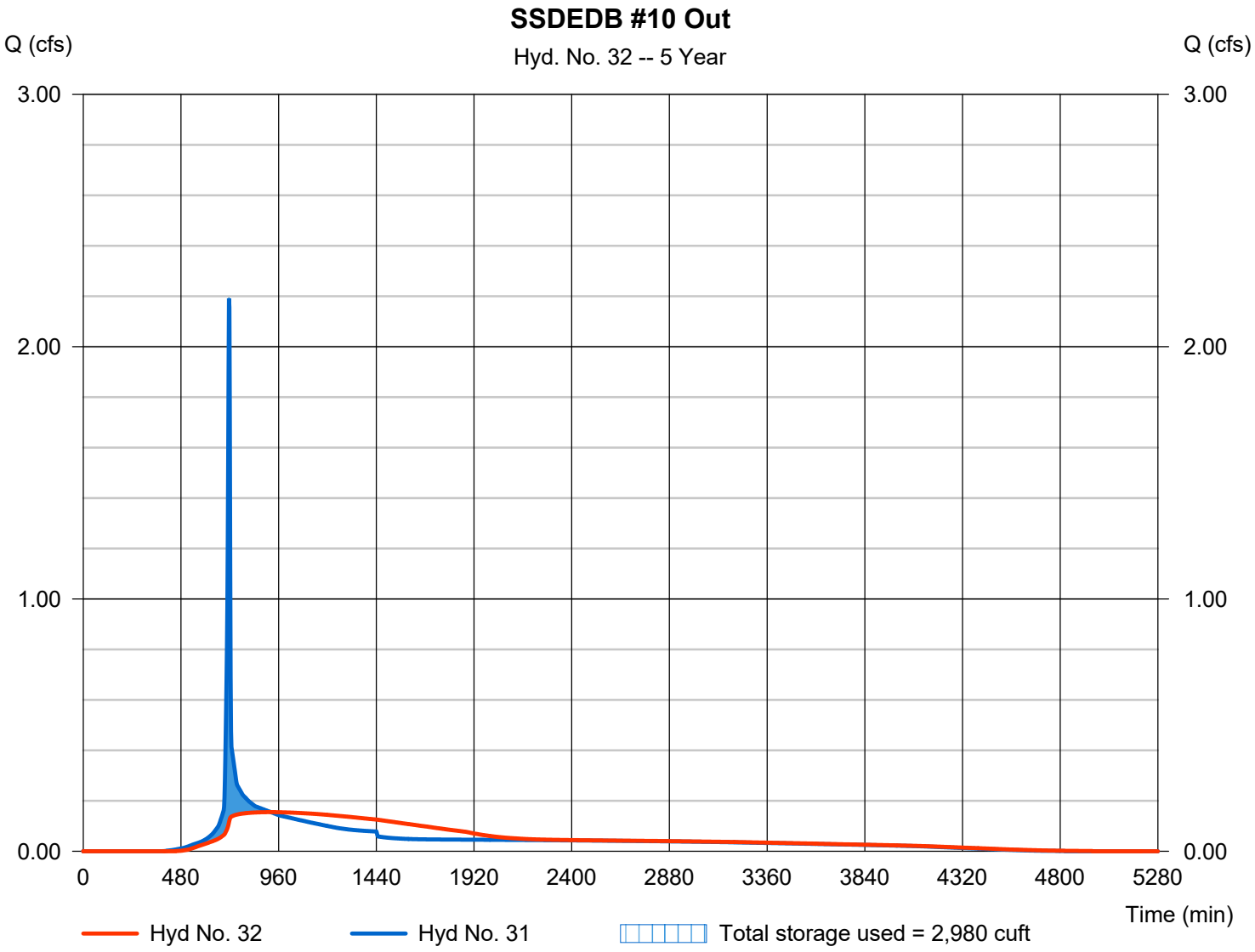
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.155 cfs
Storm frequency	= 5 yrs	Time to peak	= 922 min
Time interval	= 2 min	Hyd. volume	= 15,125 cuft
Inflow hyd. No.	= 31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	= 417.31 ft
Reservoir name	= SSDEDB #10	Max. Storage	= 2,980 cuft

Storage Indication method used.



Hydrograph Report

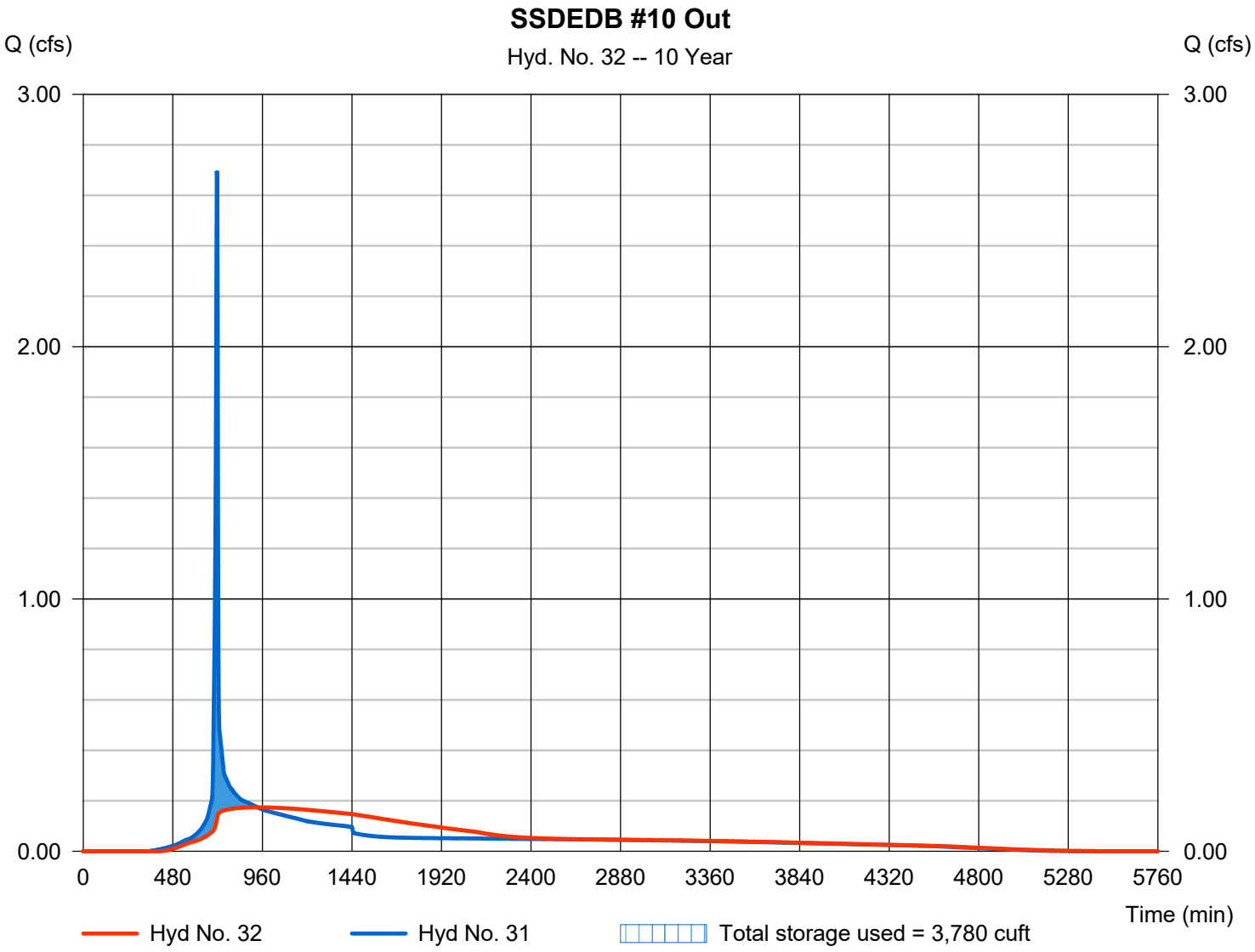
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.174 cfs
Storm frequency	=	10 yrs	Time to peak	=	934 min
Time interval	=	2 min	Hyd. volume	=	18,714 cuft
Inflow hyd. No.	=	31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	=	417.88 ft
Reservoir name	=	SSDEDB #10	Max. Storage	=	3,780 cuft

Storage Indication method used.



Hydrograph Report

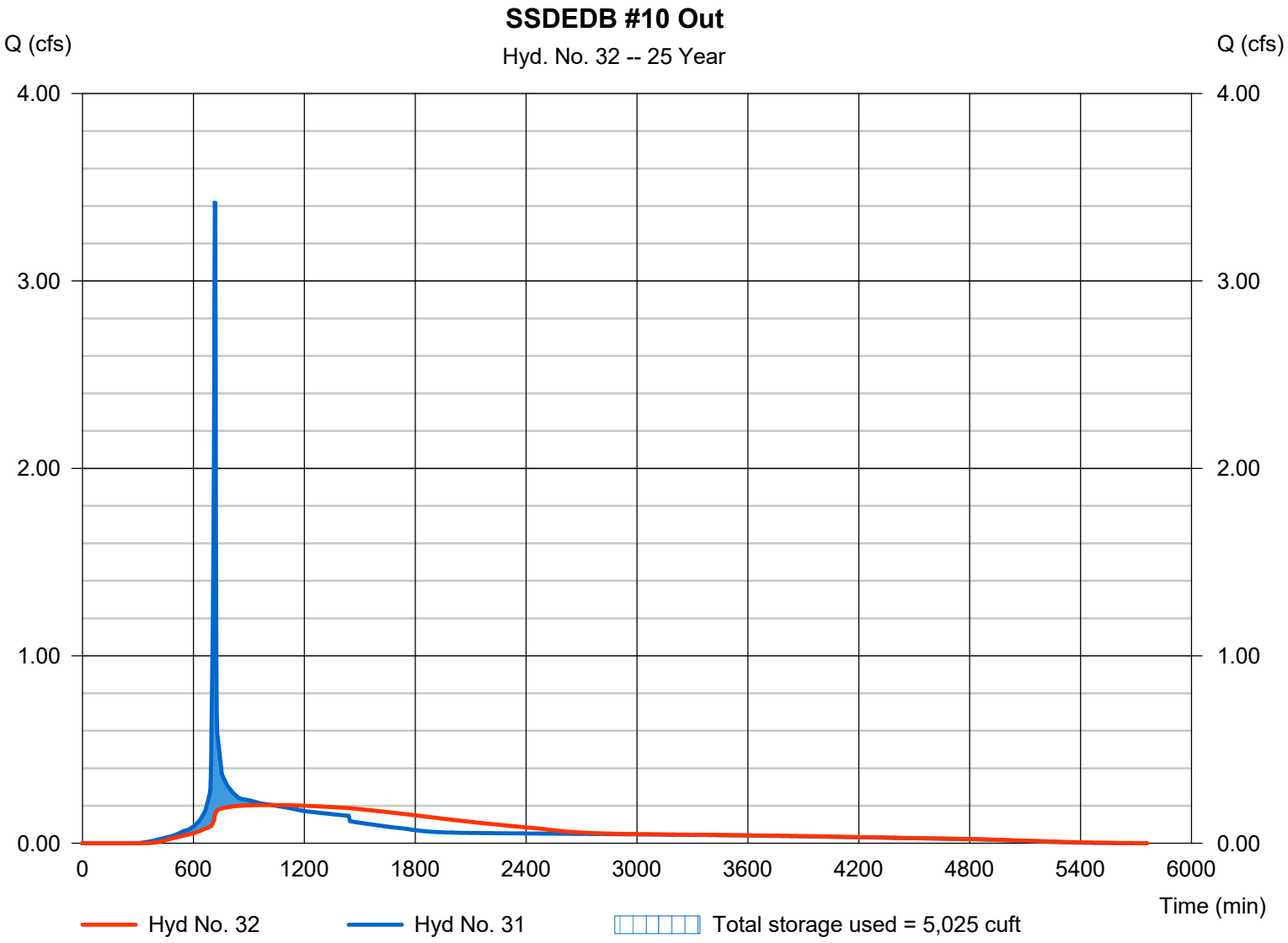
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.204 cfs
Storm frequency	=	25 yrs	Time to peak	=	1022 min
Time interval	=	2 min	Hyd. volume	=	23,956 cuft
Inflow hyd. No.	=	31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	=	418.92 ft
Reservoir name	=	SSDEDB #10	Max. Storage	=	5,025 cuft

Storage Indication method used.



Hydrograph Report

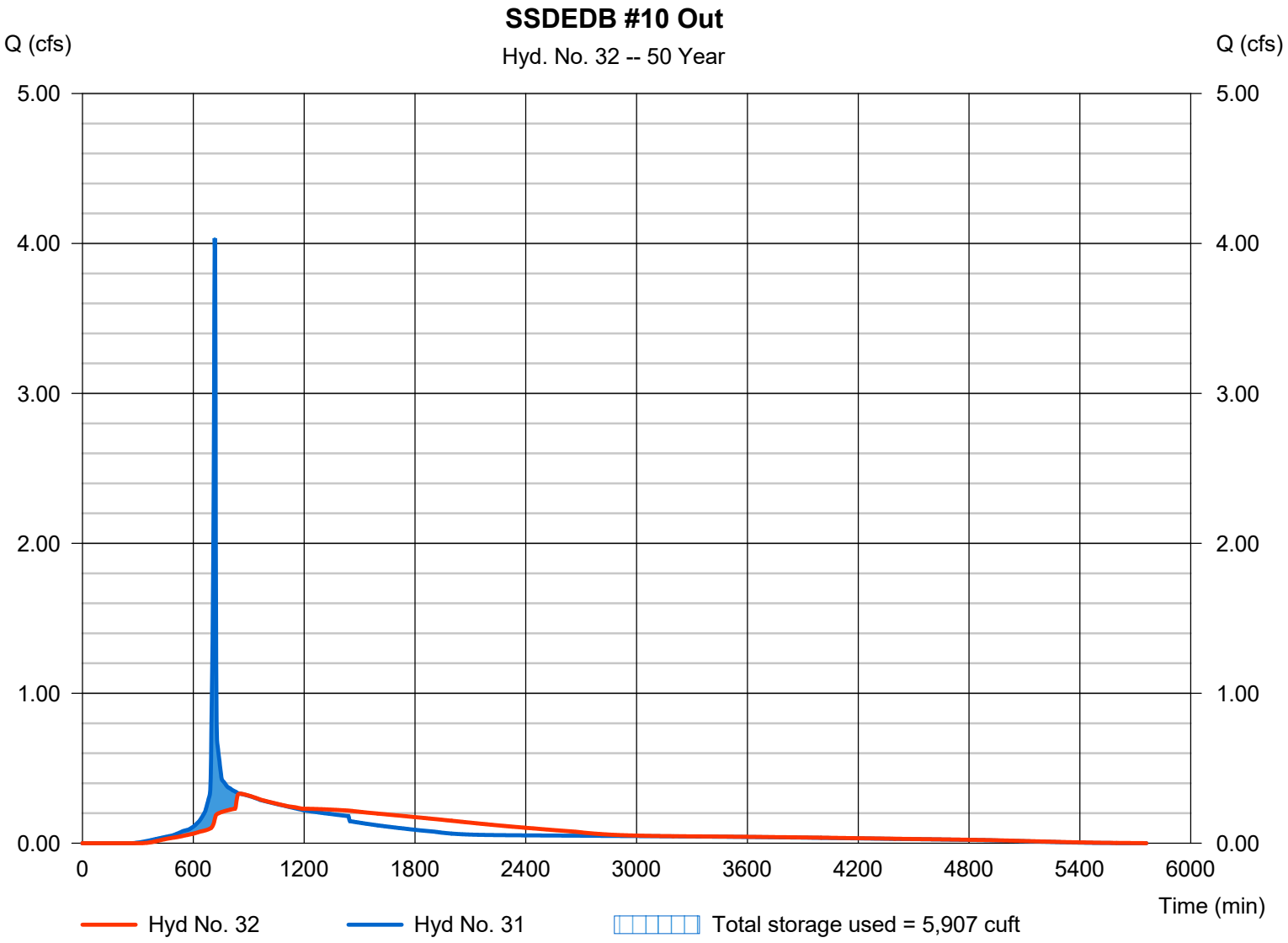
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.331 cfs
Storm frequency	=	50 yrs	Time to peak	=	852 min
Time interval	=	2 min	Hyd. volume	=	28,410 cuft
Inflow hyd. No.	=	31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	=	420.06 ft
Reservoir name	=	SSDEDB #10	Max. Storage	=	5,907 cuft

Storage Indication method used.



Hydrograph Report

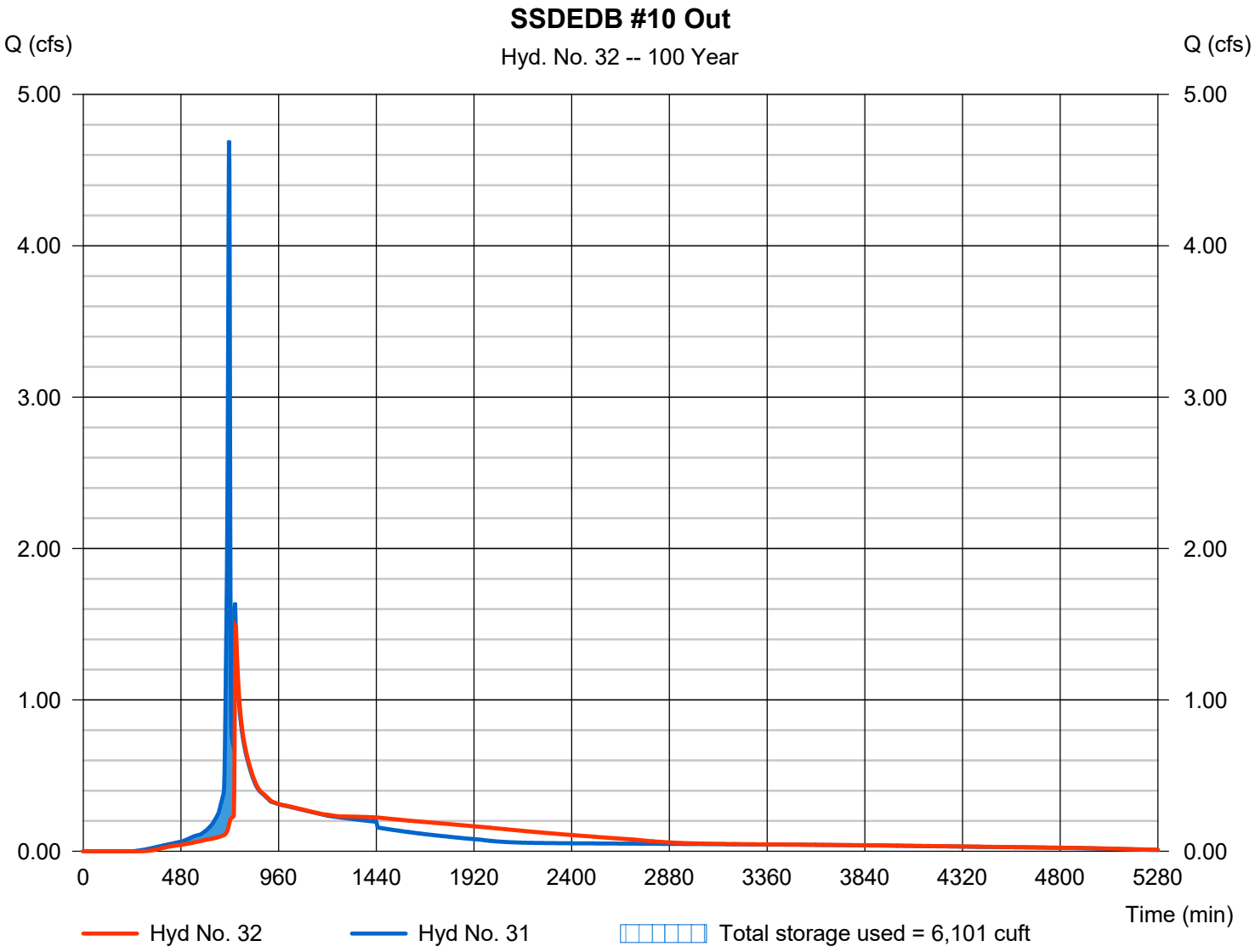
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.487 cfs
Storm frequency	= 100 yrs	Time to peak	= 748 min
Time interval	= 2 min	Hyd. volume	= 33,279 cuft
Inflow hyd. No.	= 31 - SSDEDB #9 Out + SSDEDB #10 In	Max. Elevation	= 420.33 ft
Reservoir name	= SSDEDB #10	Max. Storage	= 6,101 cuft

Storage Indication method used.



SECTION 2.3

CN CALCULATION

PRE DEV POI #3

GROUND COVER	AREA (ACRES)	CN
WOODS	1.82	55
MEADOWS	1.23	58
IMPERVIOUS	2.21	98

TOTAL 5.26

Time of Concentration
Pre P.O.I. #3

Pre P.O.I. #3	Length(feet)	2-yr 24-hour rain(in.)	Slope(%)	n	Time(min.)
Sheet flow:	100	3.24	29.4	0.40	7.2
				Paved/Unpaved	
Shallow Concentrated Flow:	265		15.1	Unpaved	0.7
	218		12.8	Unpaved	0.6
	158		5.1	Paved	0.6
	58		31.0	Unpaved	0.1
	128		2.3	Paved	0.7
	123		8.1	Paved	0.4
	155		2.6	Paved	0.8
				Pre P.O.I. #3 Total Time of Concentration:	**11.1**

Hydrograph Report

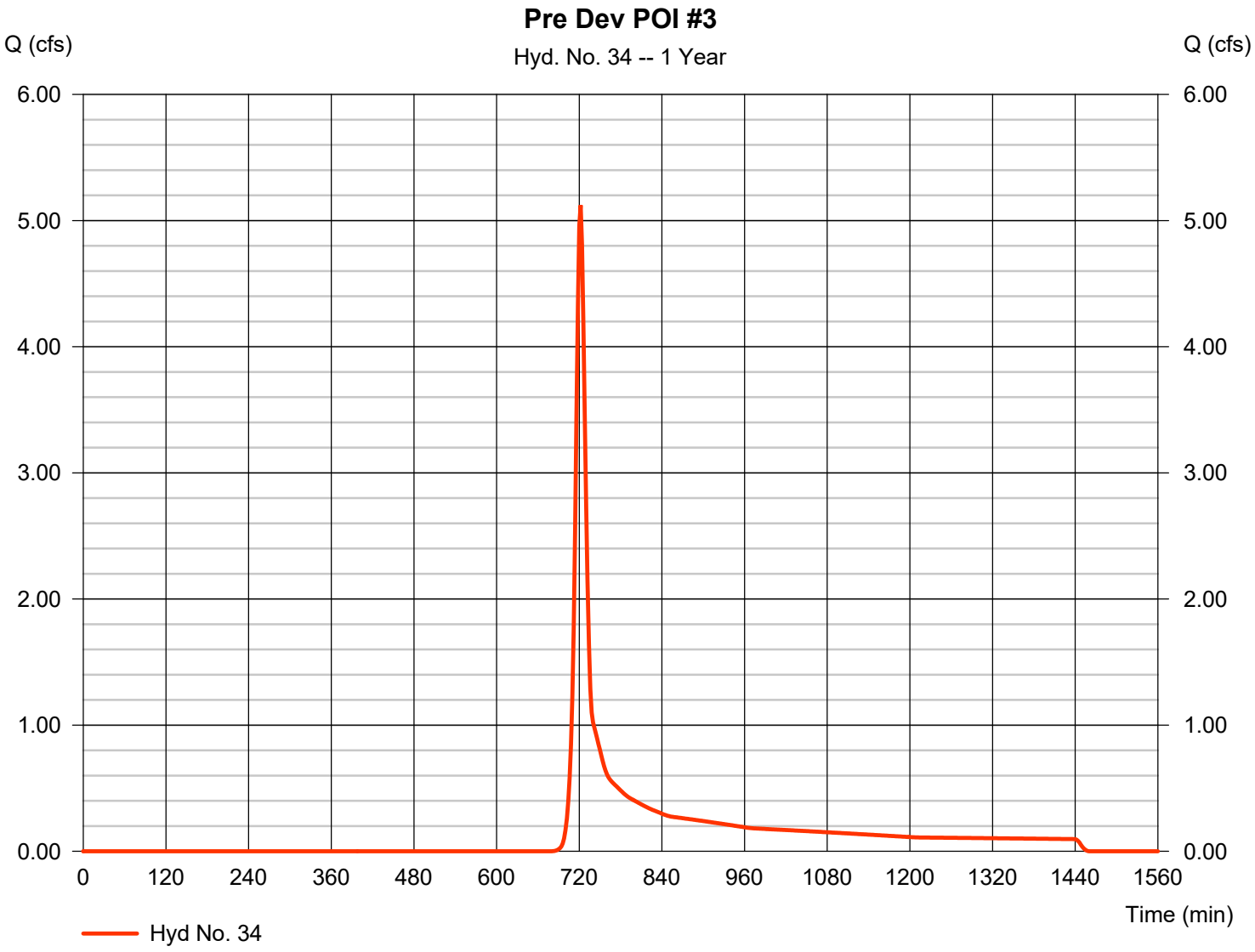
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 5.121 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 14,137 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

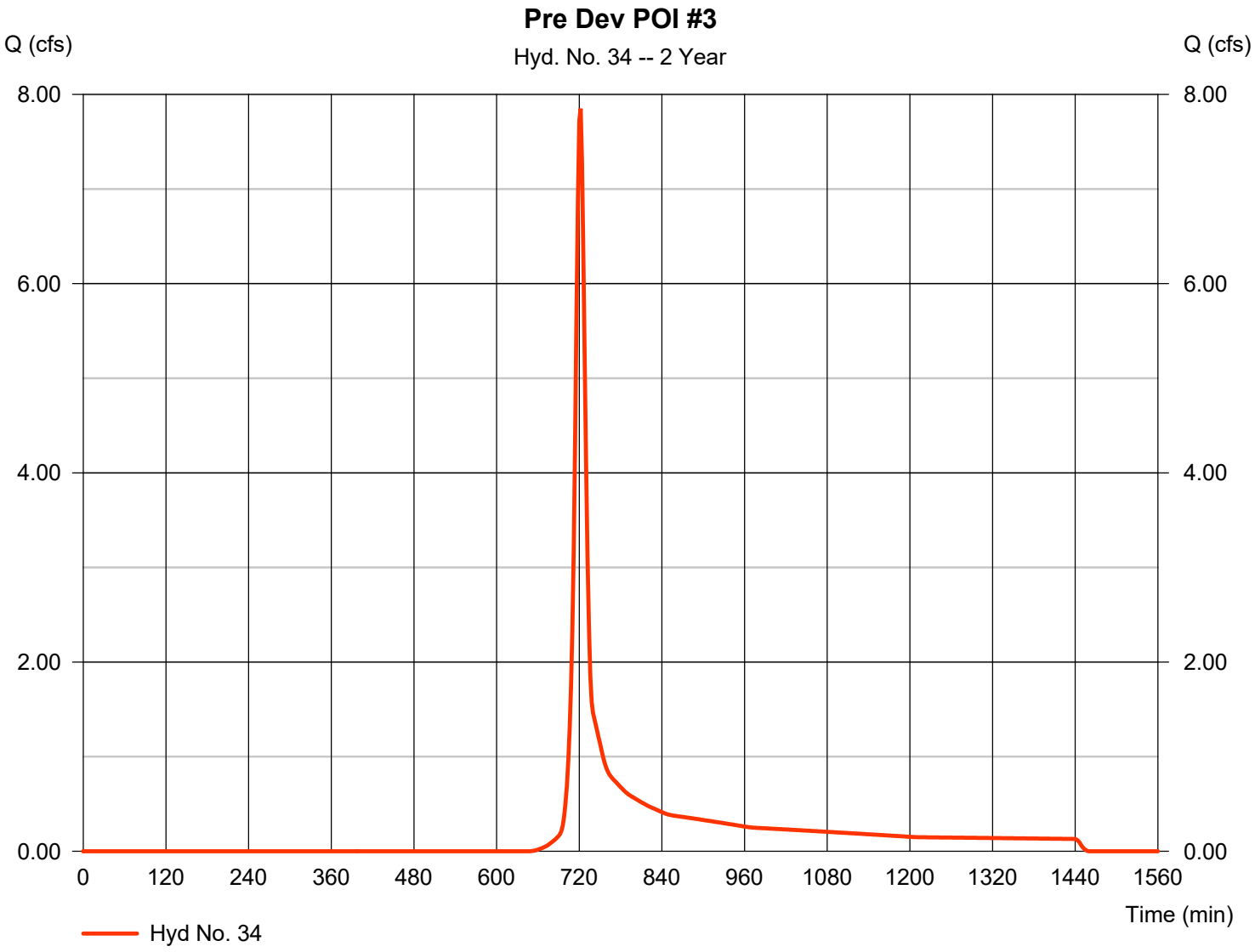
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 7.850 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 20,950 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

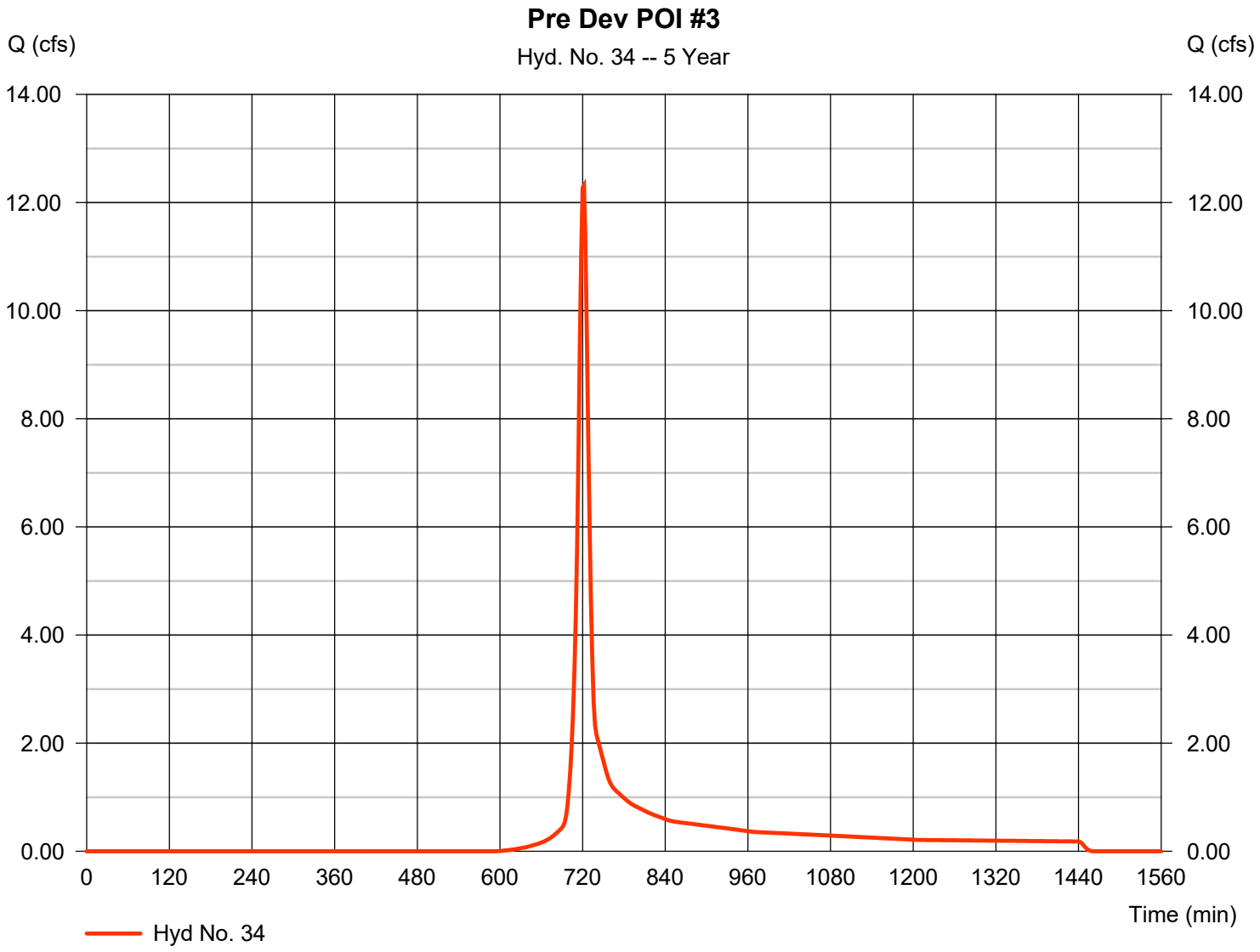
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 12.32 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 32,302 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

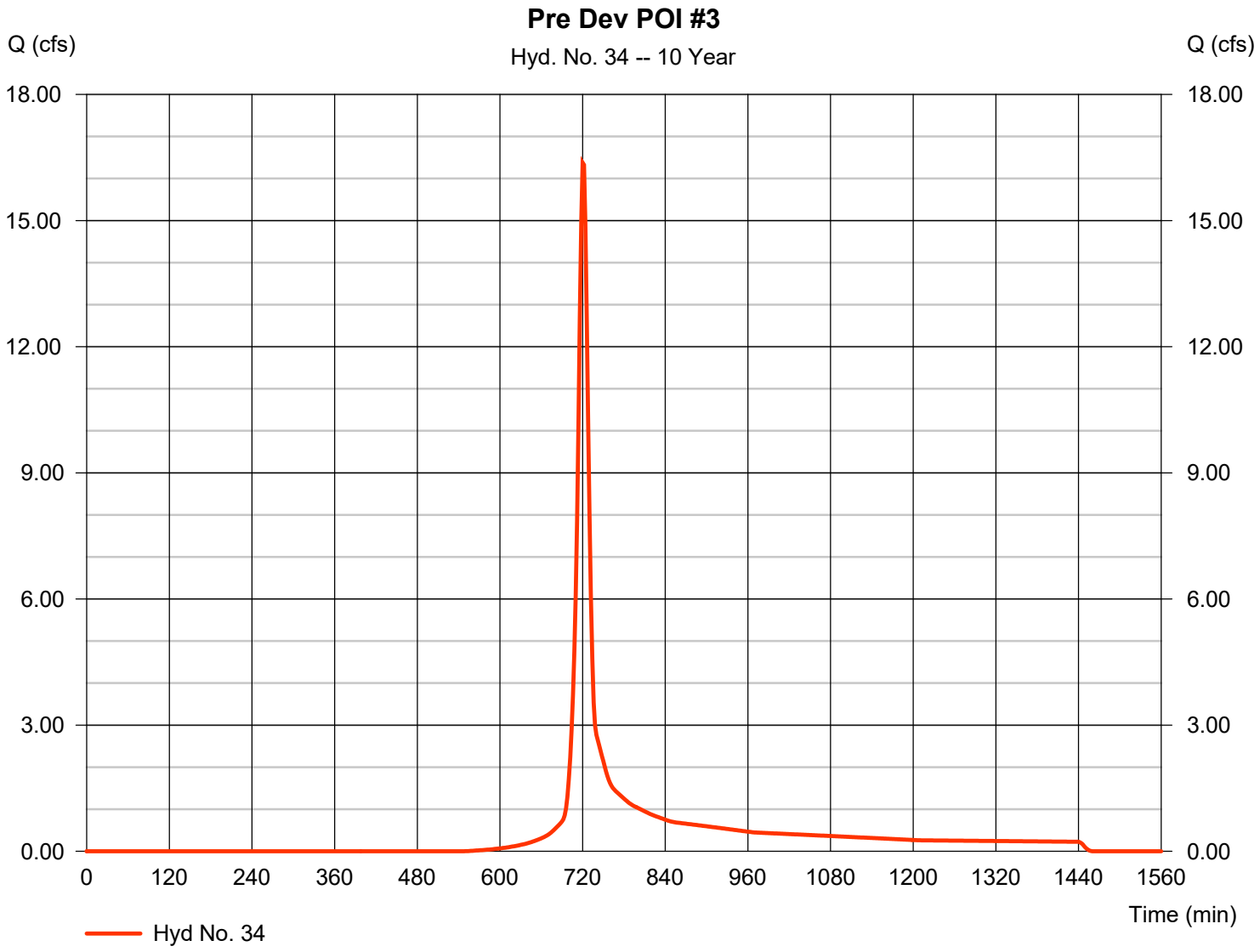
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 16.38 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 42,660 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

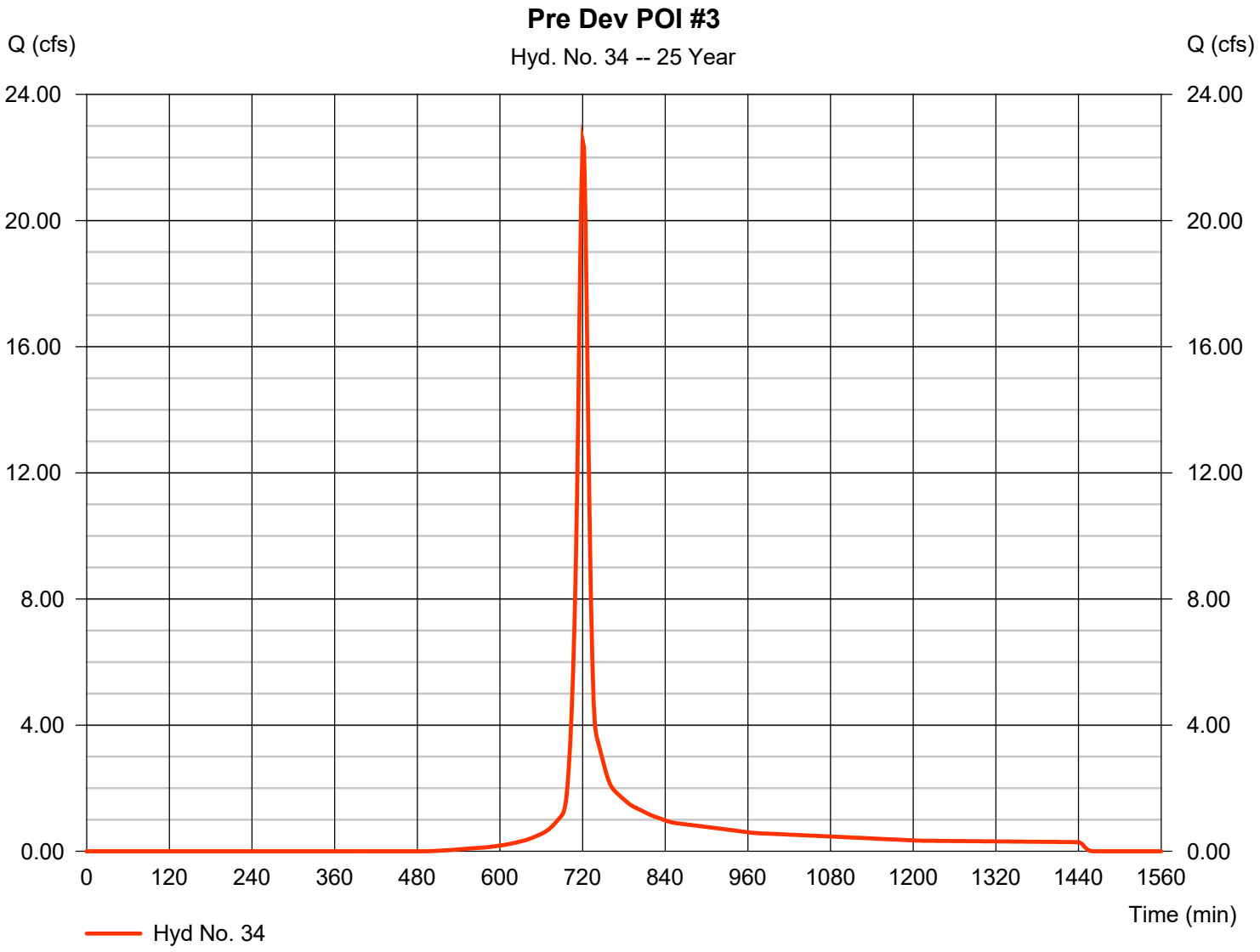
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 22.54 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 58,431 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

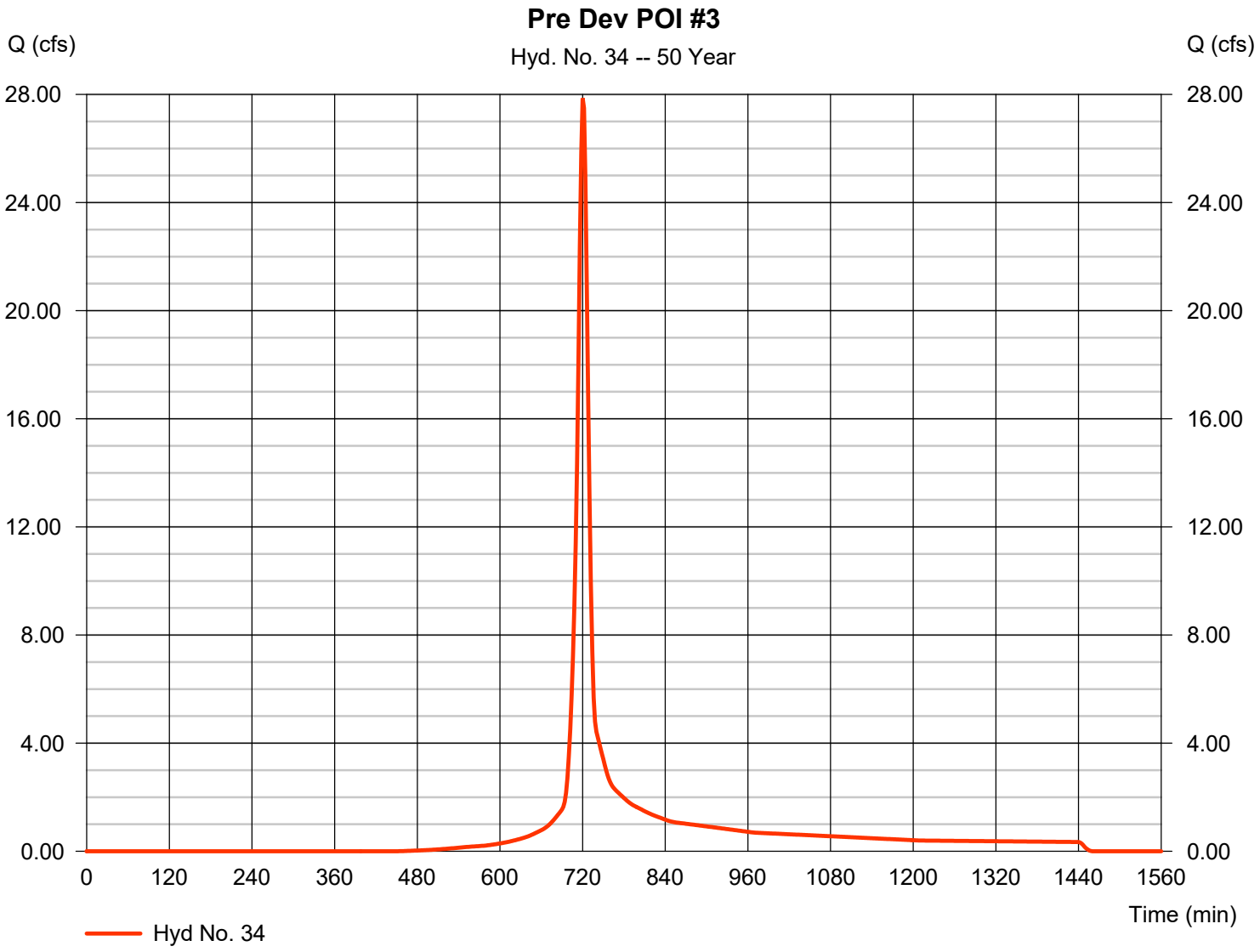
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 27.86 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 72,259 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



Hydrograph Report

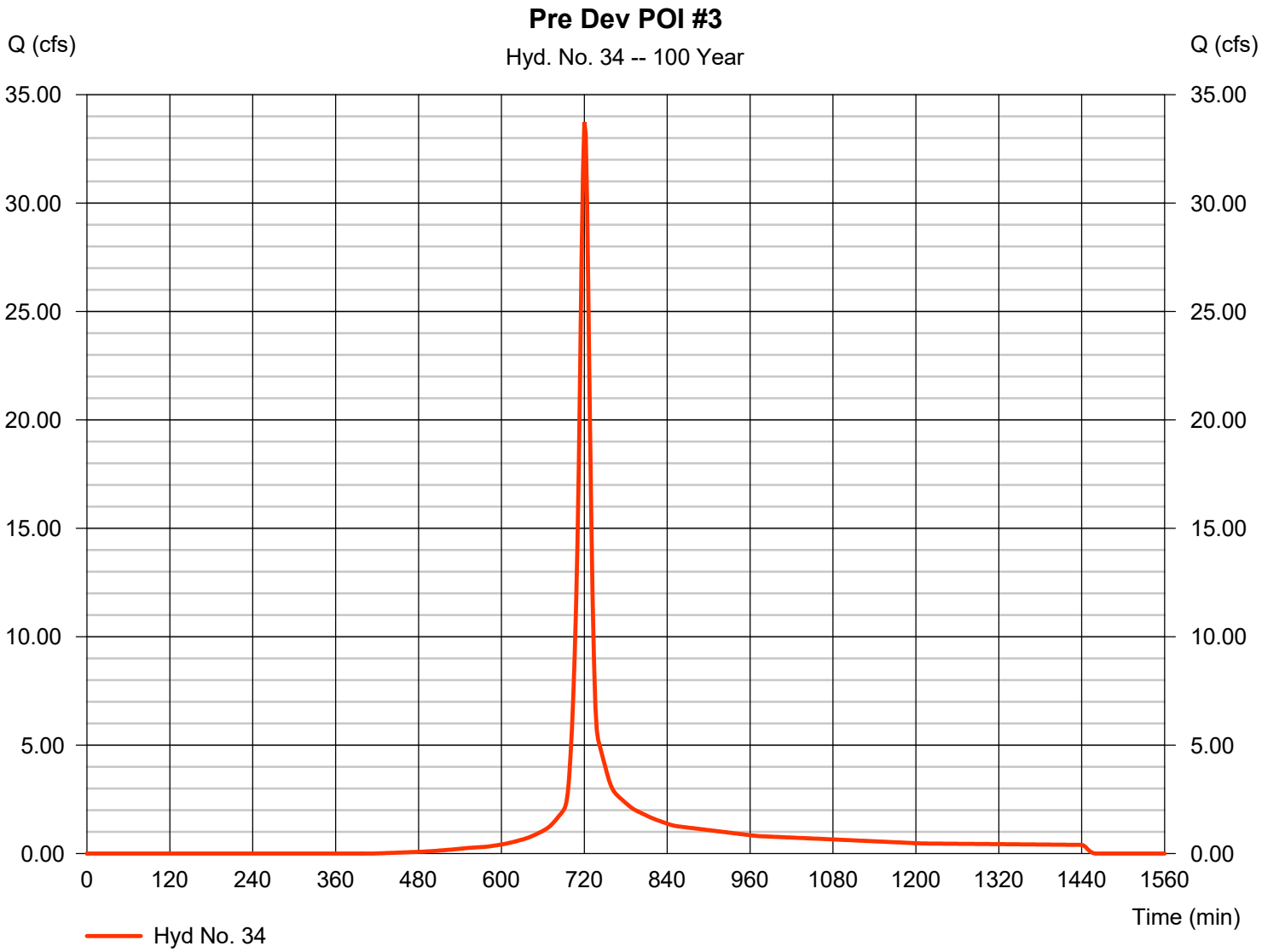
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 34

Pre Dev POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 33.74 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 87,712 cuft
Drainage area	= 5.260 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 11.10 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.820 x 55) + (1.230 x 58) + (2.210 x 98)] / 5.260



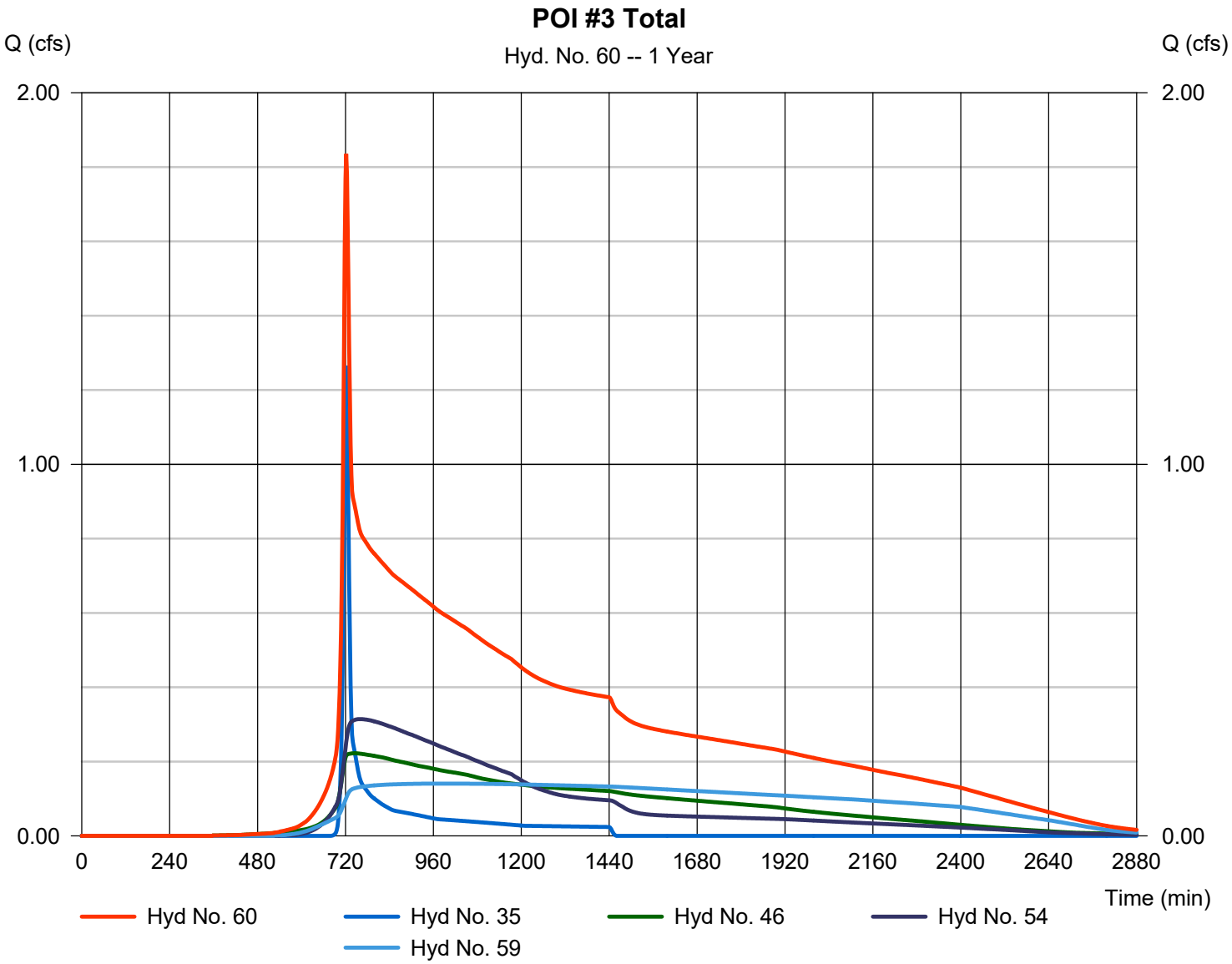
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	=	Combine	Peak discharge	=	1.836 cfs
Storm frequency	=	1 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	41,369 cuft
Inflow hyds.	=	35, 46, 54, 59	Contrib. drain. area	=	1.300 ac



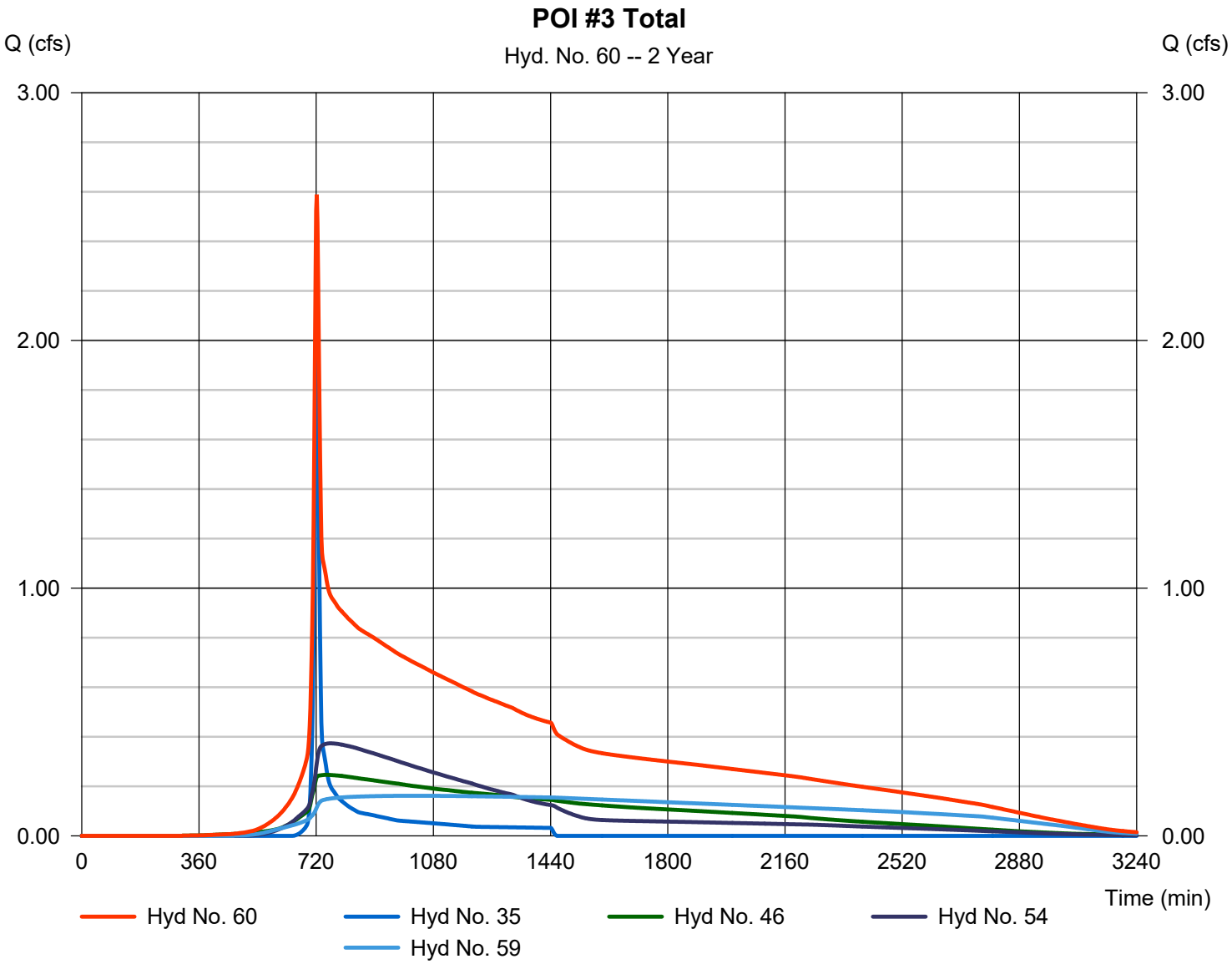
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	= Combine	Peak discharge	= 2.588 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 55,290 cuft
Inflow hyds.	= 35, 46, 54, 59	Contrib. drain. area	= 1.300 ac



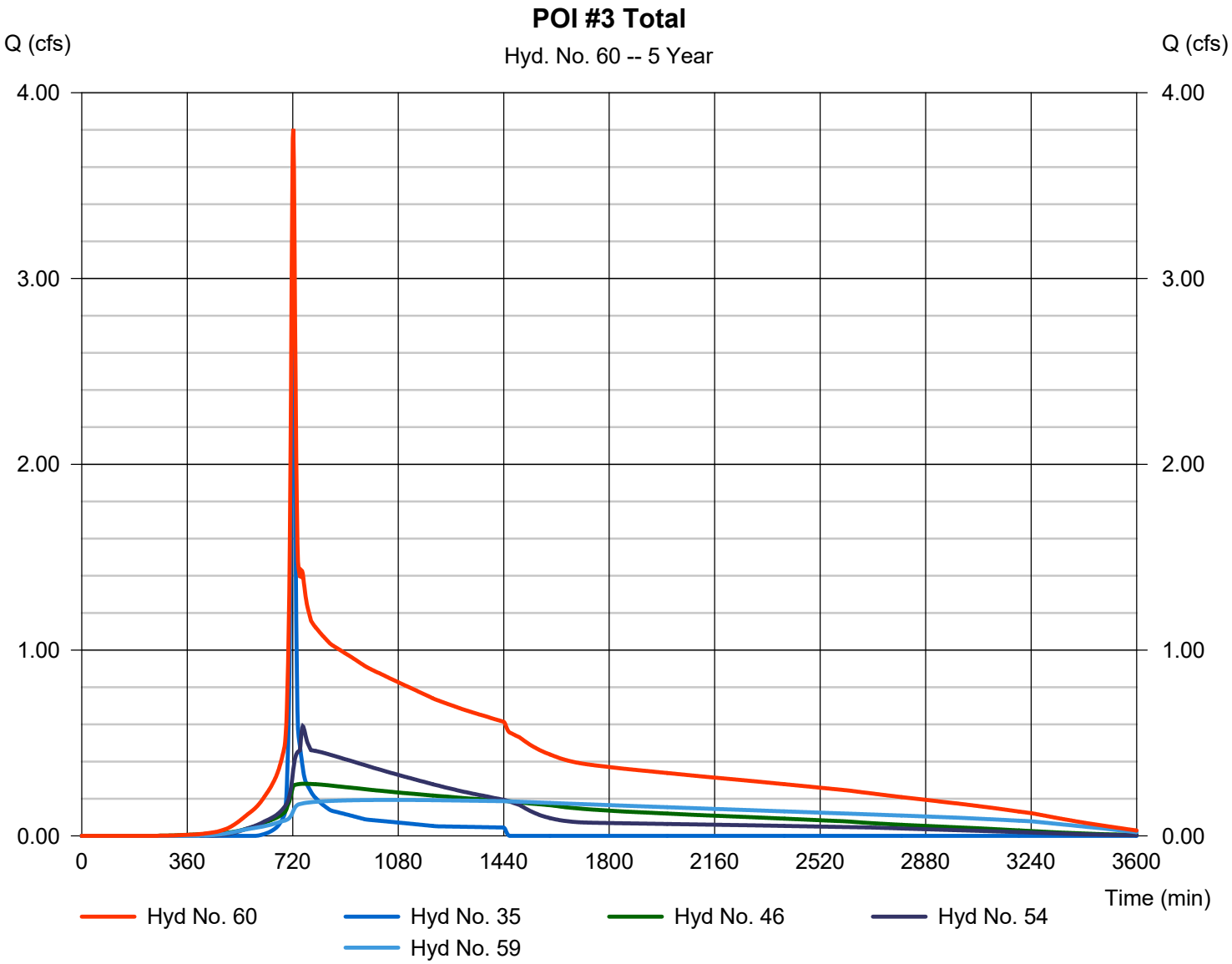
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	= Combine	Peak discharge	= 3.804 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 77,048 cuft
Inflow hyds.	= 35, 46, 54, 59	Contrib. drain. area	= 1.300 ac



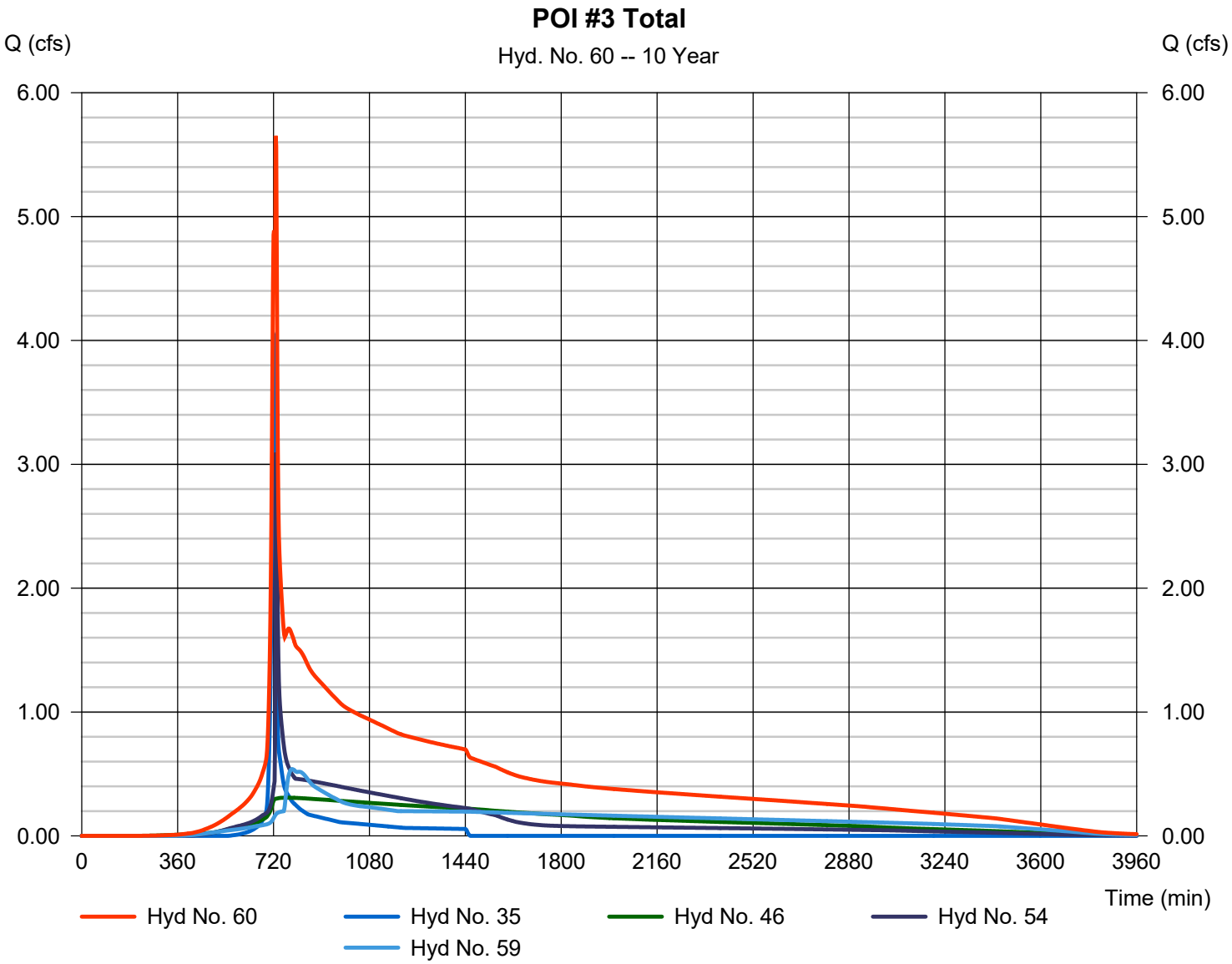
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	= Combine	Peak discharge	= 5.652 cfs
Storm frequency	= 10 yrs	Time to peak	= 728 min
Time interval	= 2 min	Hyd. volume	= 95,989 cuft
Inflow hyds.	= 35, 46, 54, 59	Contrib. drain. area	= 1.300 ac



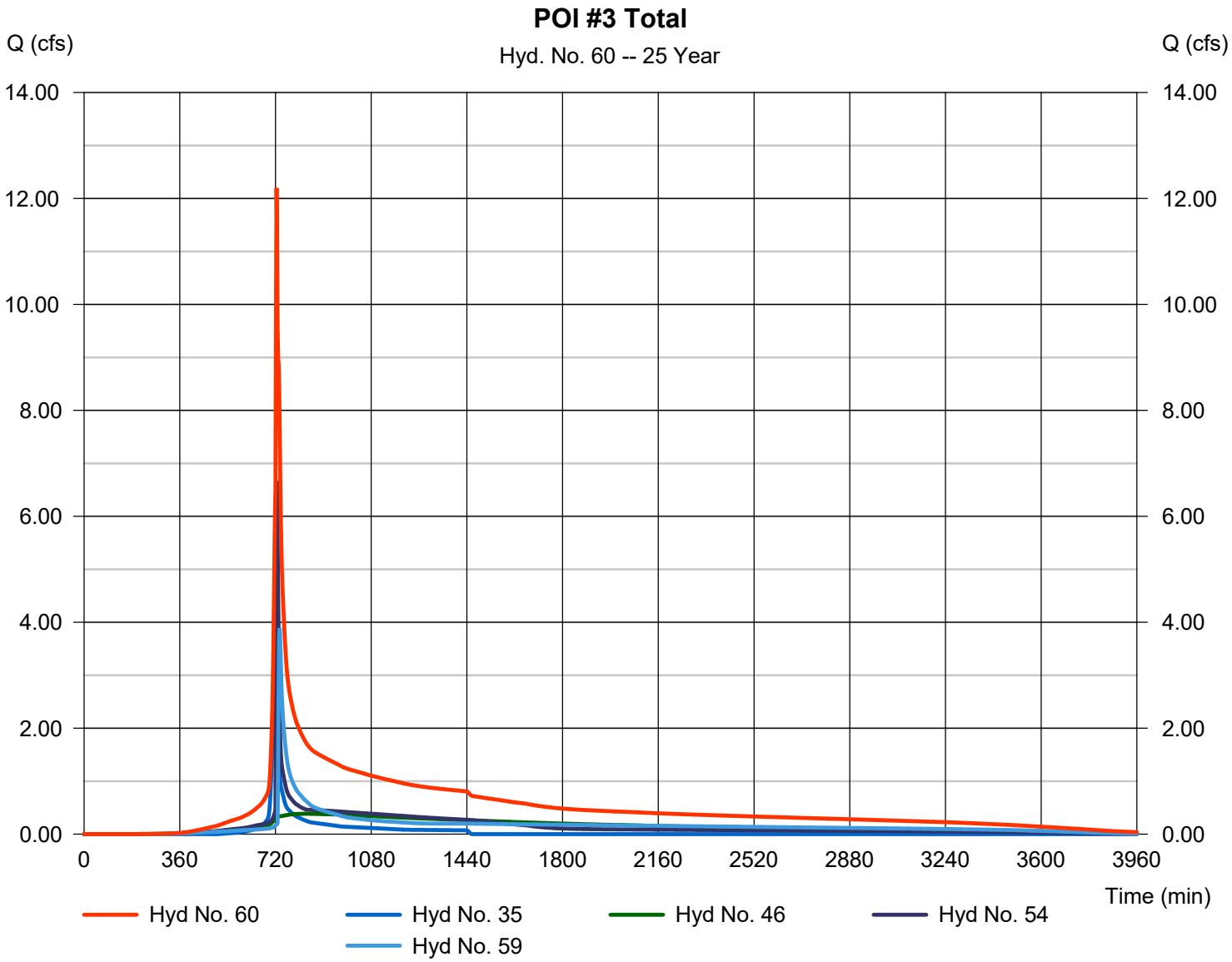
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	= Combine	Peak discharge	= 12.20 cfs
Storm frequency	= 25 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 123,835 cuft
Inflow hyds.	= 35, 46, 54, 59	Contrib. drain. area	= 1.300 ac



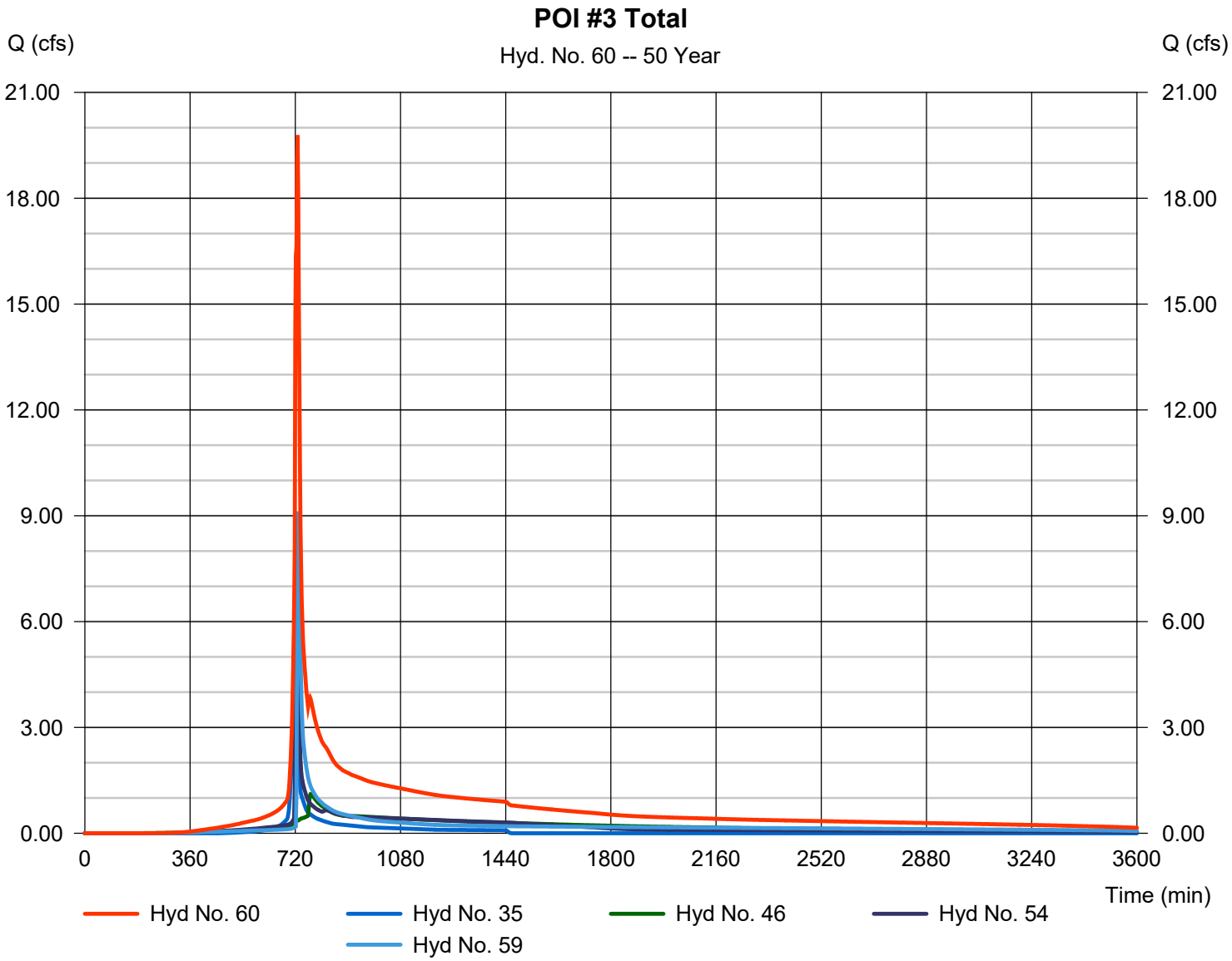
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	=	Combine	Peak discharge	=	19.78 cfs
Storm frequency	=	50 yrs	Time to peak	=	728 min
Time interval	=	2 min	Hyd. volume	=	147,605 cuft
Inflow hyds.	=	35, 46, 54, 59	Contrib. drain. area	=	1.300 ac



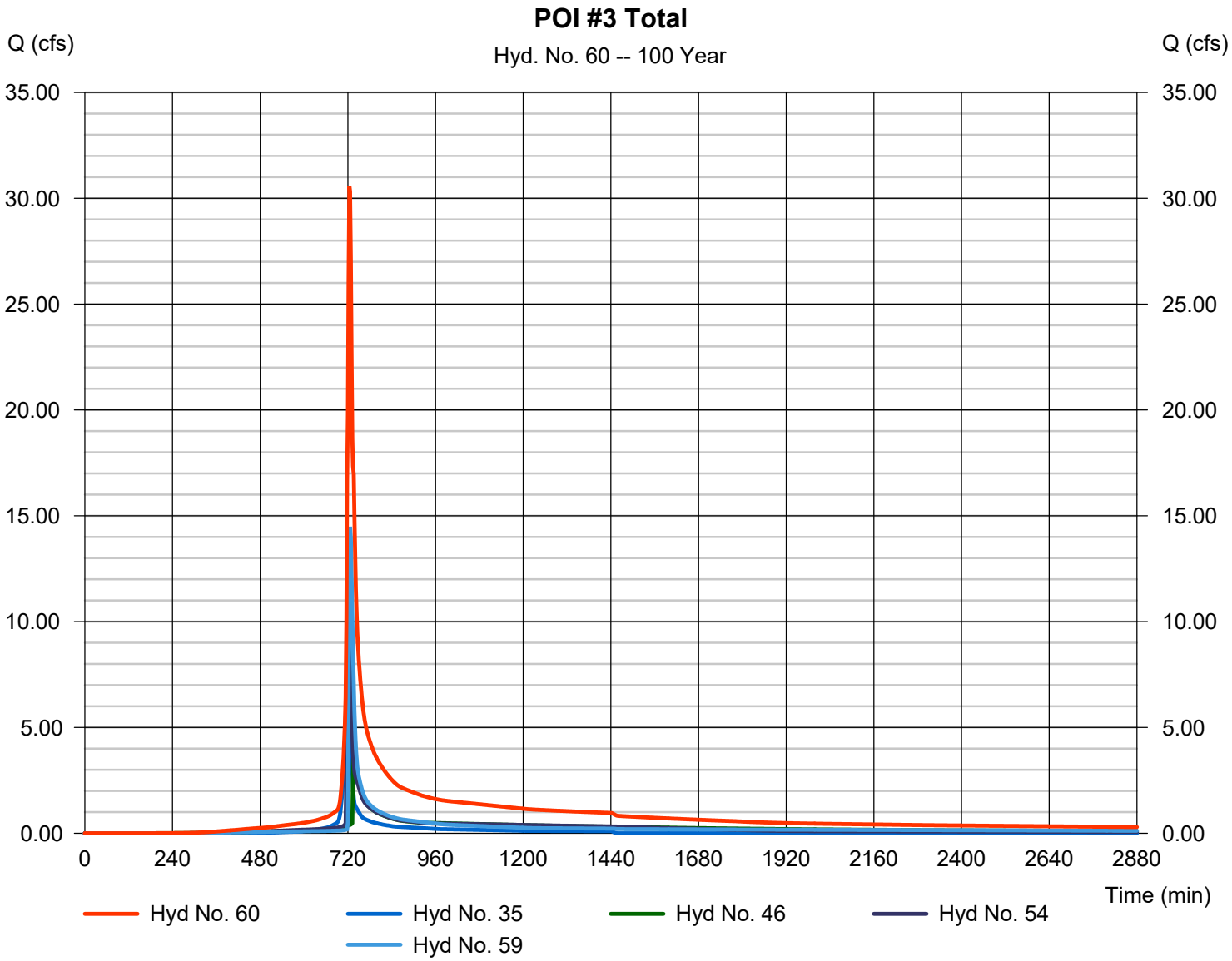
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 60

POI #3 Total

Hydrograph type	=	Combine	Peak discharge	=	30.57 cfs
Storm frequency	=	100 yrs	Time to peak	=	724 min
Time interval	=	2 min	Hyd. volume	=	173,689 cuft
Inflow hyds.	=	35, 46, 54, 59	Contrib. drain. area	=	1.300 ac



CN CALCULATION

POST BYPASS POI #3

GROUND COVER	AREA (ACRES)	CN
WOODS	0.34	55
LAWNS	0.45	61
IMPERVIOUS	0.51	98

TOTAL 1.30

TR55 Tc Worksheet

Hyd. No. 35

Post Bypass POI #3

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.240		0.011		
Flow length (ft)	= 25.0		75.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		3.24		0.00		
Land slope (%)	= 24.00		4.10		0.00		
Travel Time (min)	**= 1.73**	**+**	**8.45**	**+**	**0.00**	**=**	**10.19**
Shallow Concentrated Flow							
Flow length (ft)	= 110.00		92.00		0.00		
Watercourse slope (%)	= 8.20		2.20		0.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=4.62		2.39		0.00		
Travel Time (min)	**= 0.40**	**+**	**0.64**	**+**	**0.00**	**=**	**1.04**
Channel Flow							
X sectional flow area (sqft)	= 3.14		0.00		0.00		
Wetted perimeter (ft)	= 6.28		0.00		0.00		
Channel slope (%)	= 0.50		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=5.52						
			0.00				
					0.00		
Flow length (ft)	({0})41.0		0.0		0.0		
Travel Time (min)	**= 0.12**	**+**	**0.00**	**+**	**0.00**	**=**	**0.12**

Total Travel Time, Tc ..... 11.30 min

Hydrograph Report

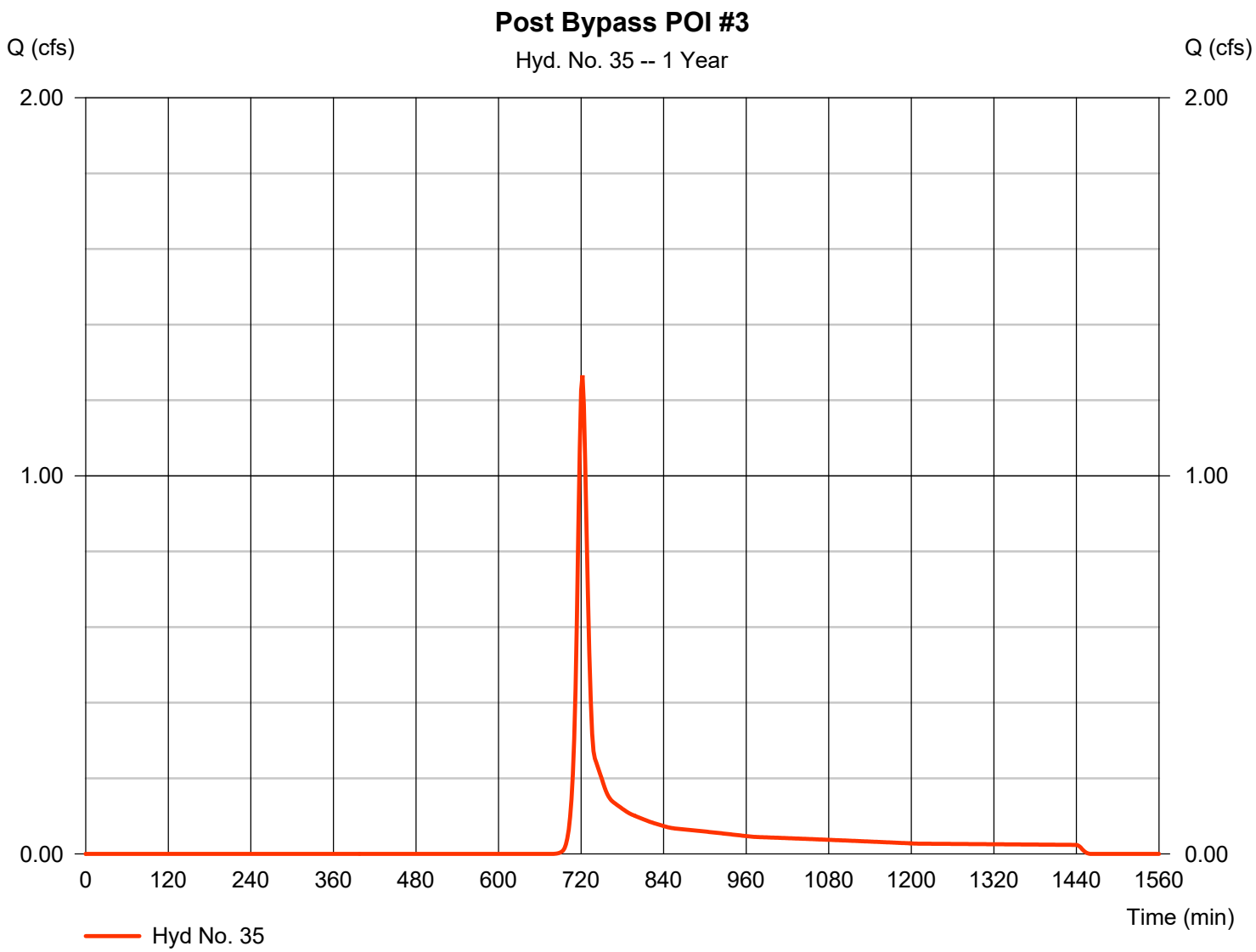
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 1.266 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,494 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

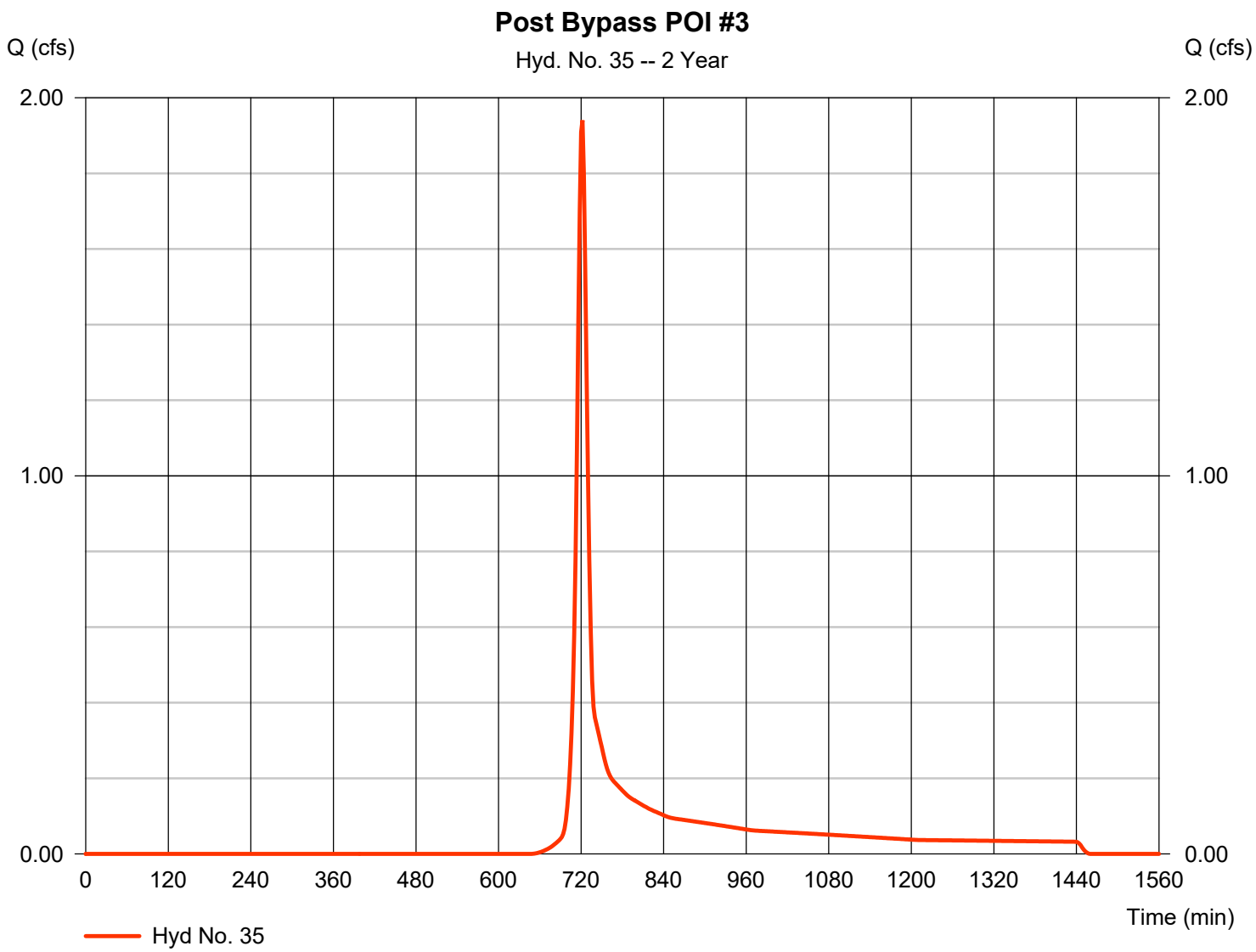
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 1.940 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,178 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

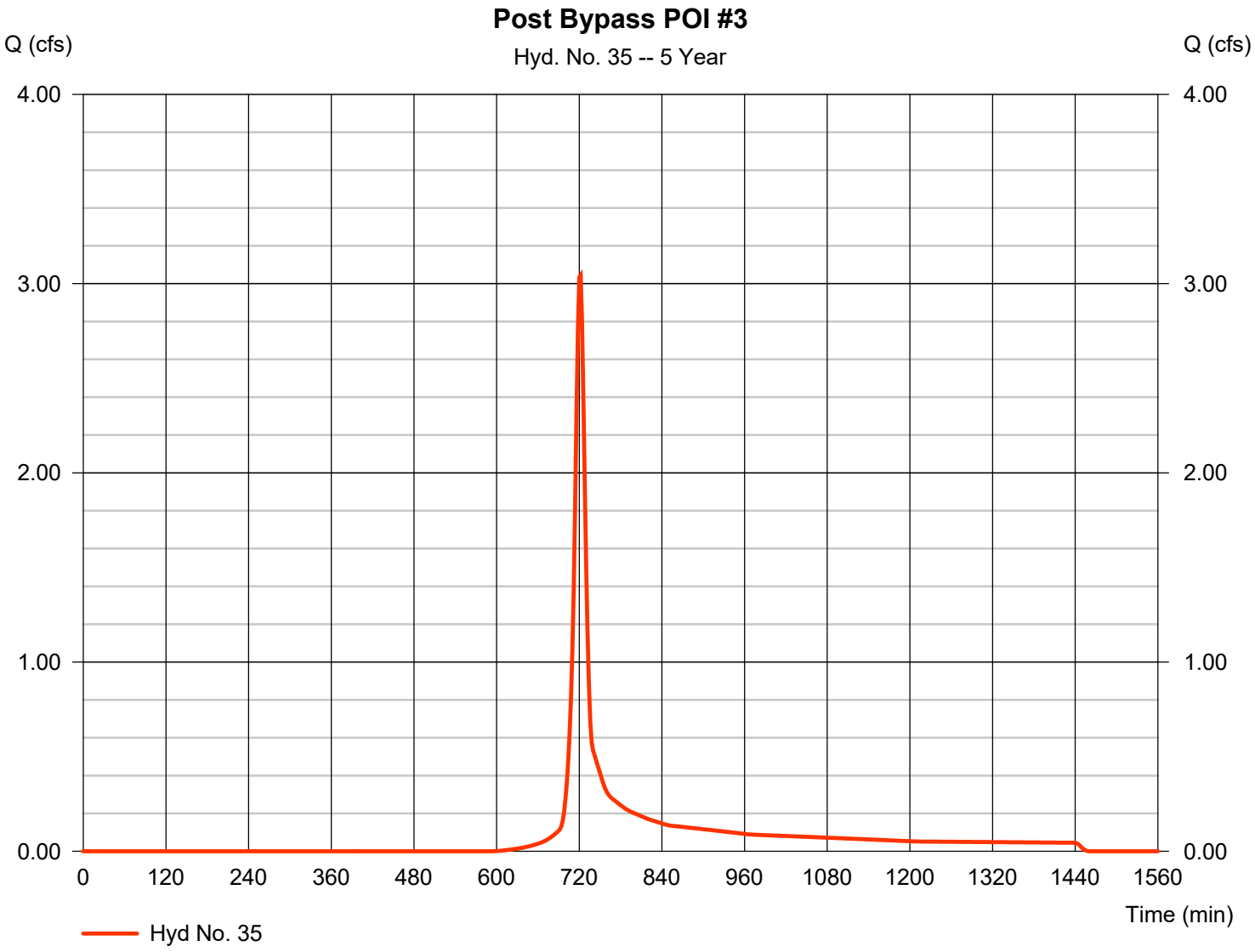
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 3.044 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,983 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

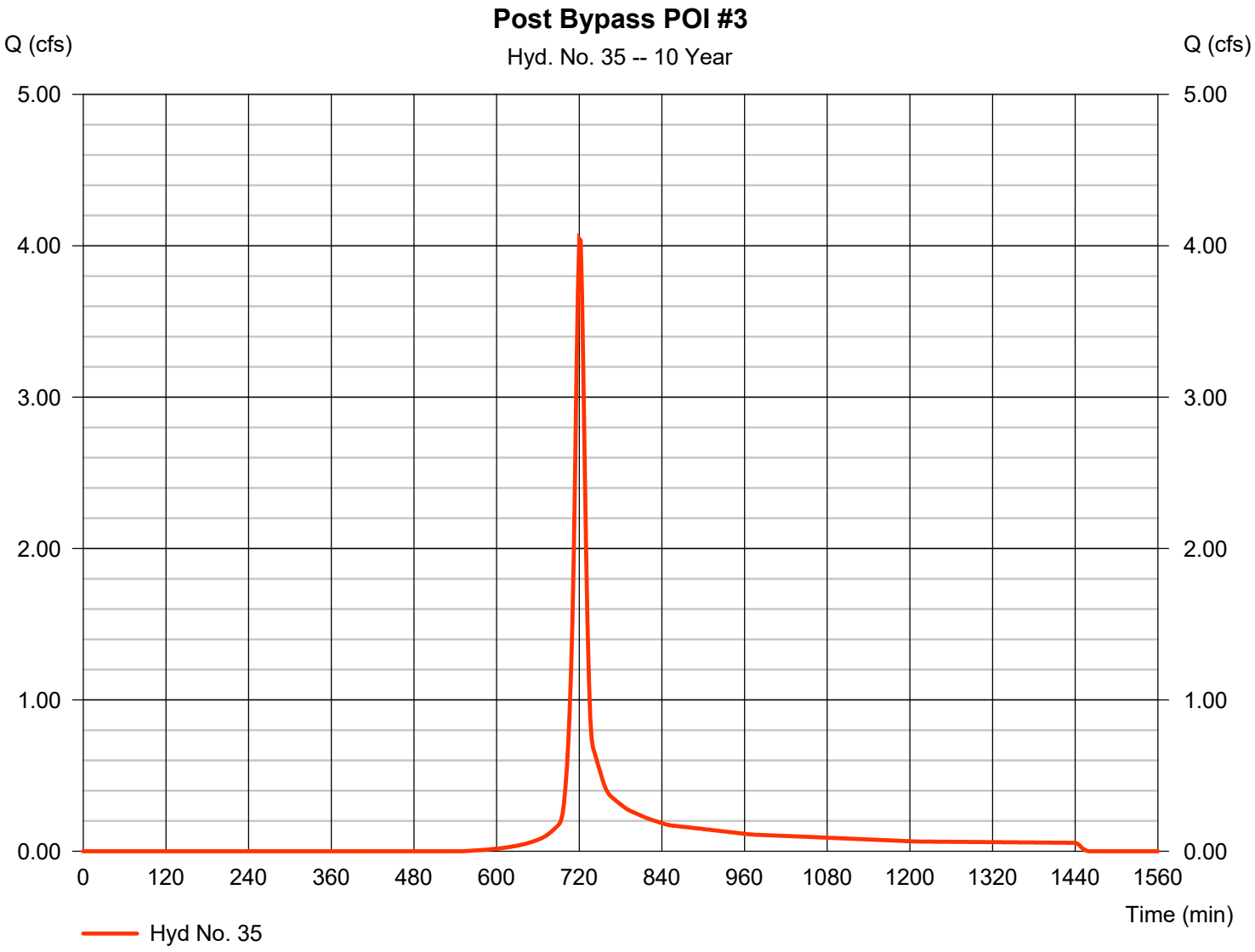
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 4.047 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 10,543 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

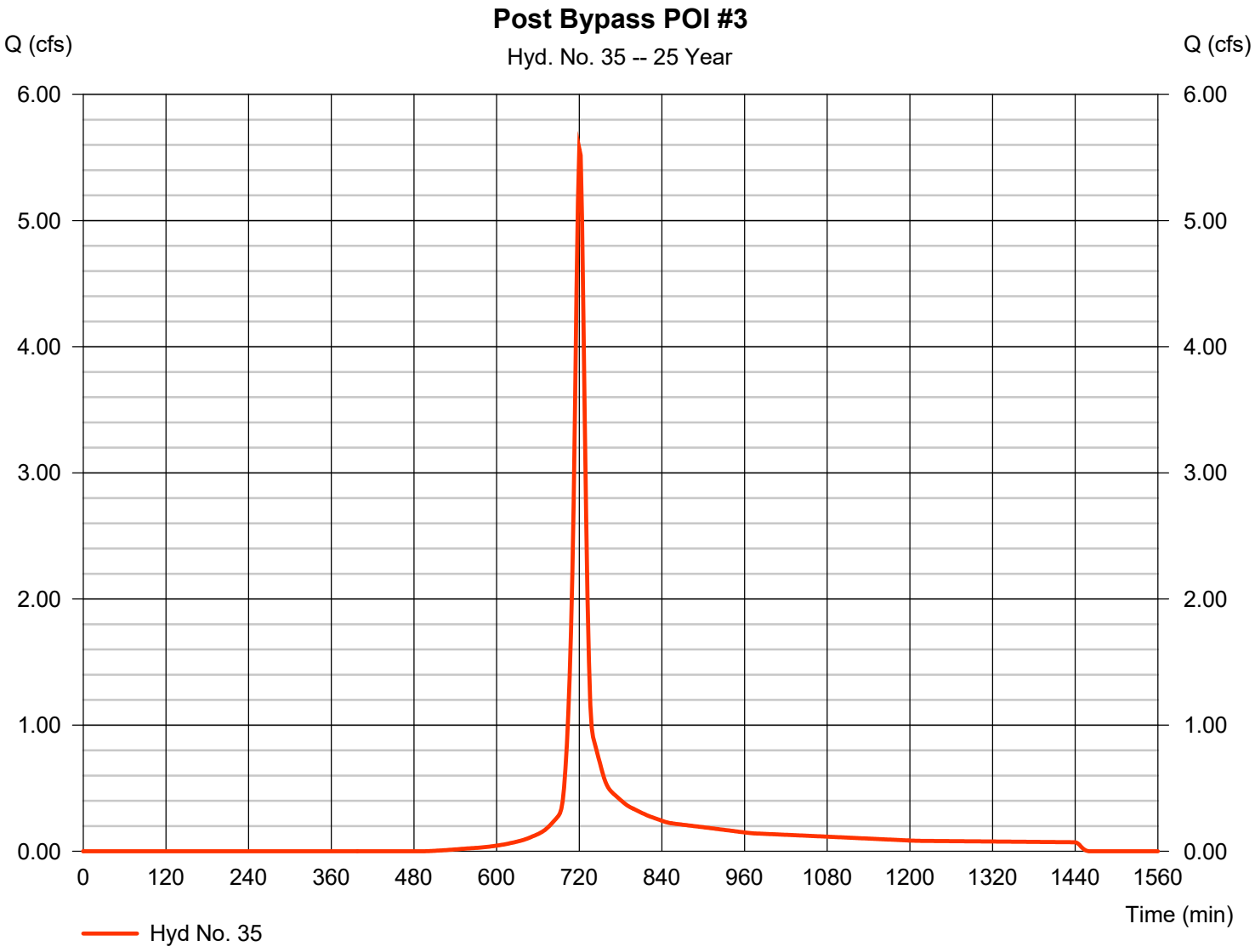
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 5.570 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 14,441 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

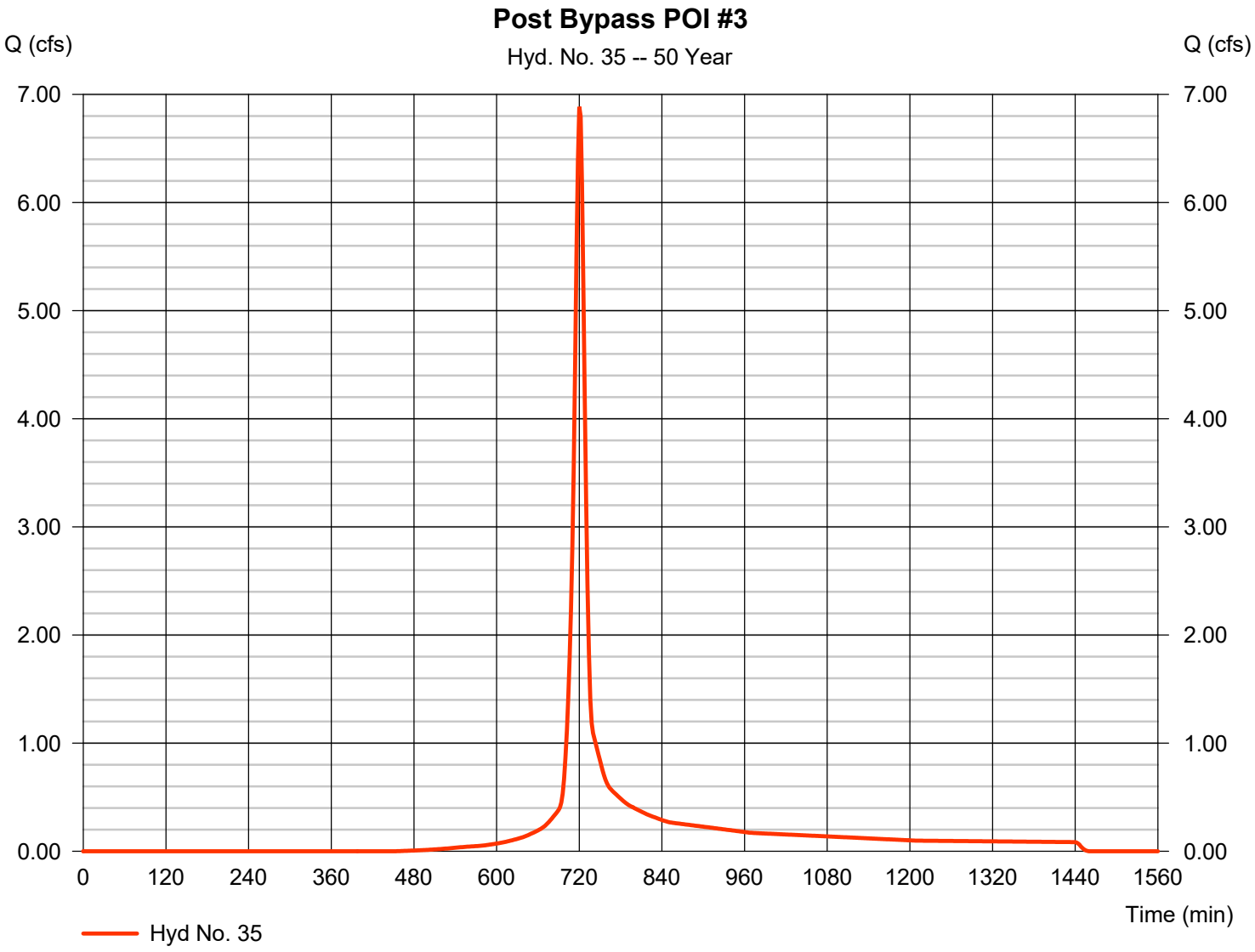
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 6.886 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 17,859 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



Hydrograph Report

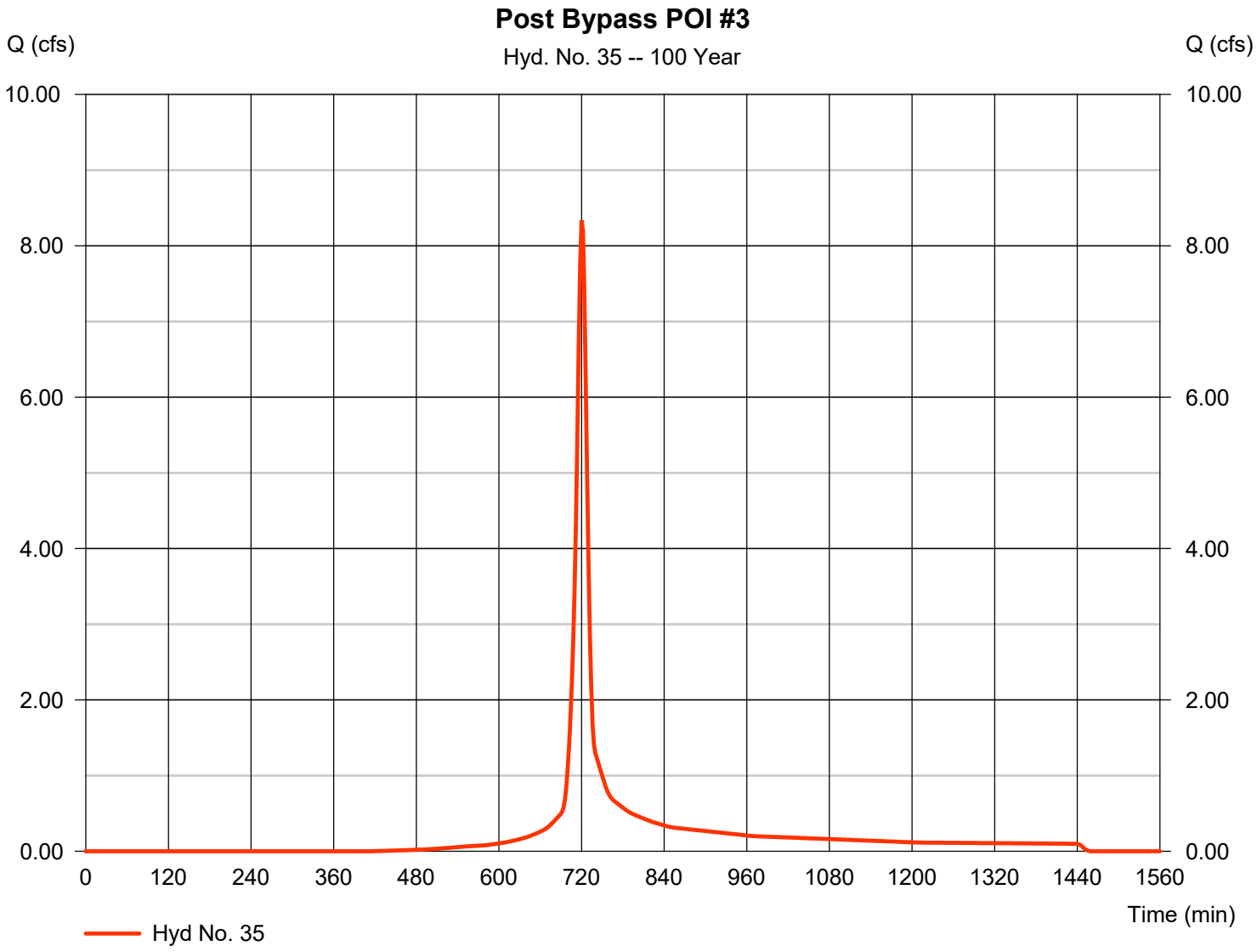
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 35

Post Bypass POI #3

Hydrograph type	= SCS Runoff	Peak discharge	= 8.339 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 21,678 cuft
Drainage area	= 1.300 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.340 x 55) + (0.450 x 61) + (0.510 x 98)] / 1.300



CN CALCULATION

SSDEDB #11

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.14	61
IMPERVIOUS	0.36	98

TOTAL 0.50

TR55 Tc Worksheet

Hyd. No. 36

SSDEDB #11 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 16.00		0.00		0.00		
Travel Time (min)	**= 6.17**	**+**	**0.00**	**+**	**0.00**	**=**	**6.17**
Shallow Concentrated Flow							
Flow length (ft)	= 57.00		73.00		0.00		
Watercourse slope (%)	= 16.00		4.70		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=6.45		4.41		0.00		
Travel Time (min)	**= 0.15**	**+**	**0.28**	**+**	**0.00**	**=**	**0.42**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 6.60 min

Hydrograph Report

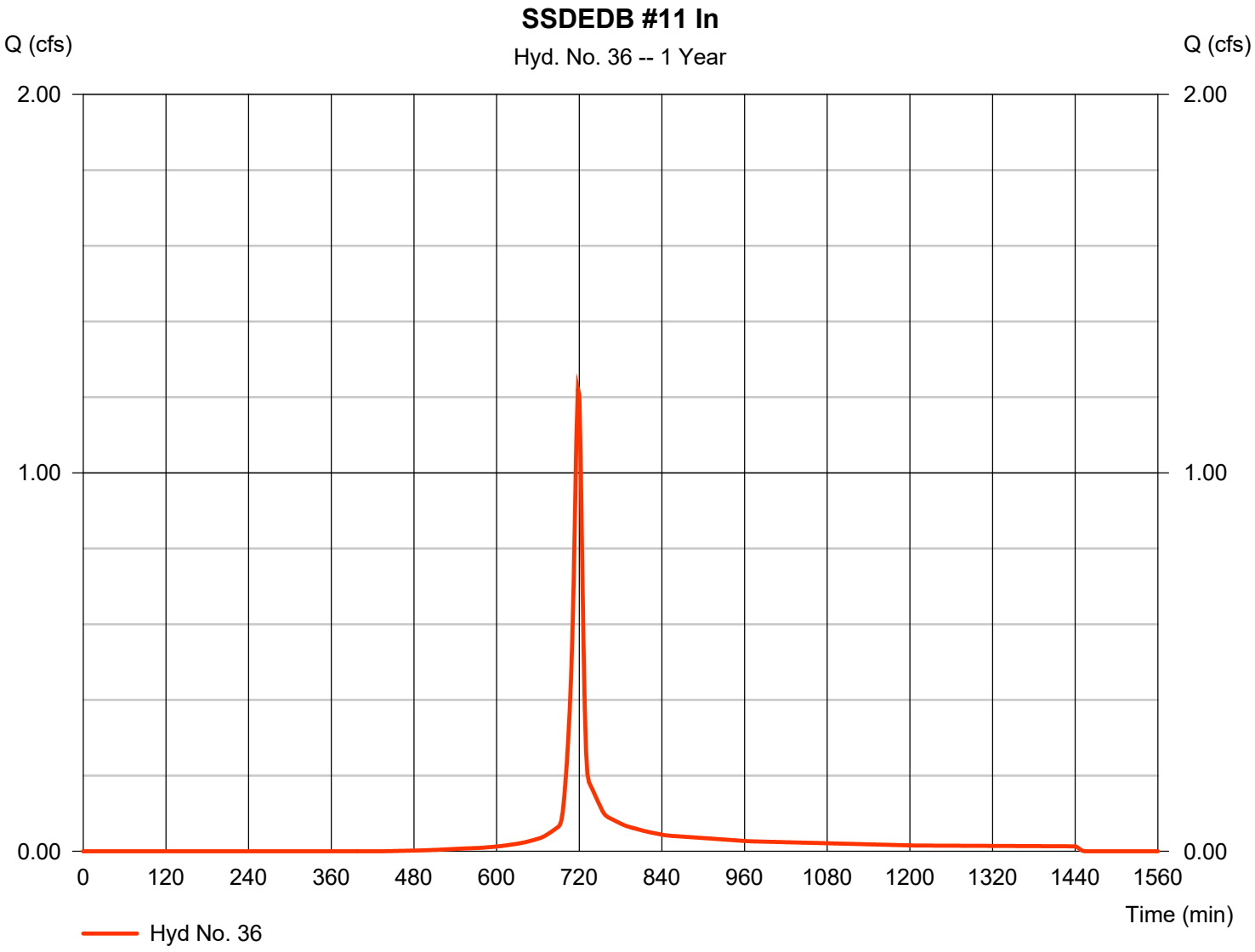
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.222 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 2,805 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

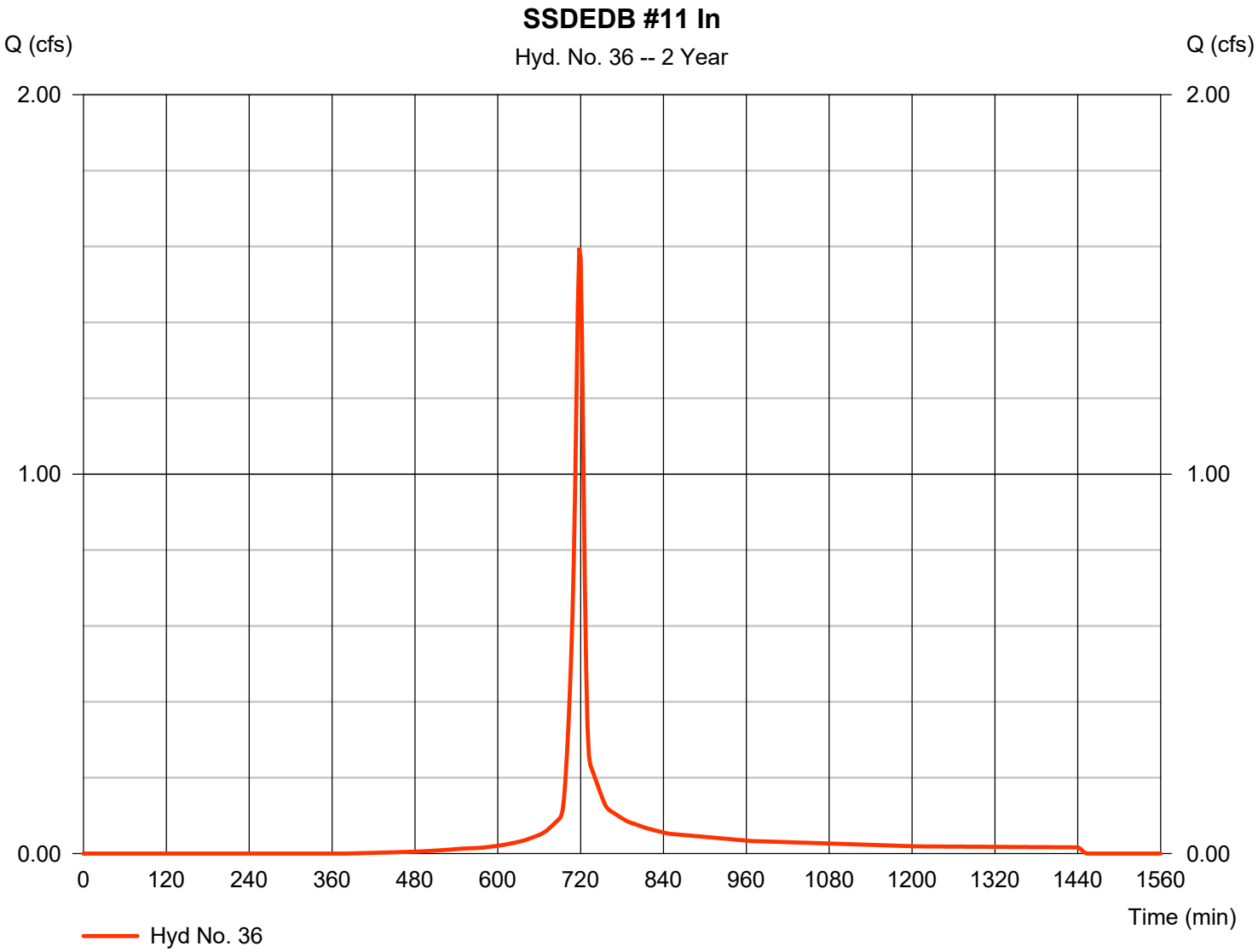
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.597 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 3,690 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

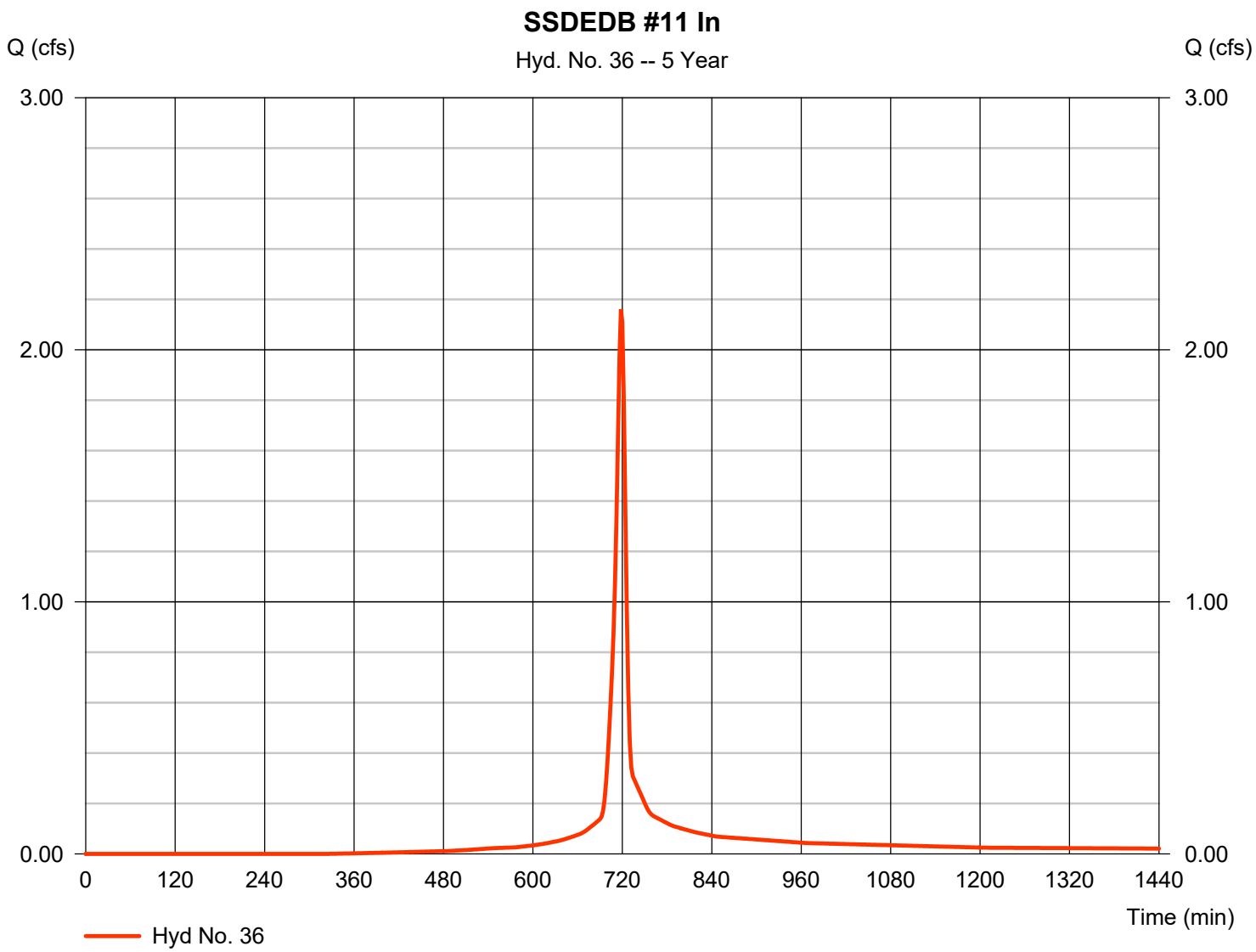
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.161 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 5,054 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

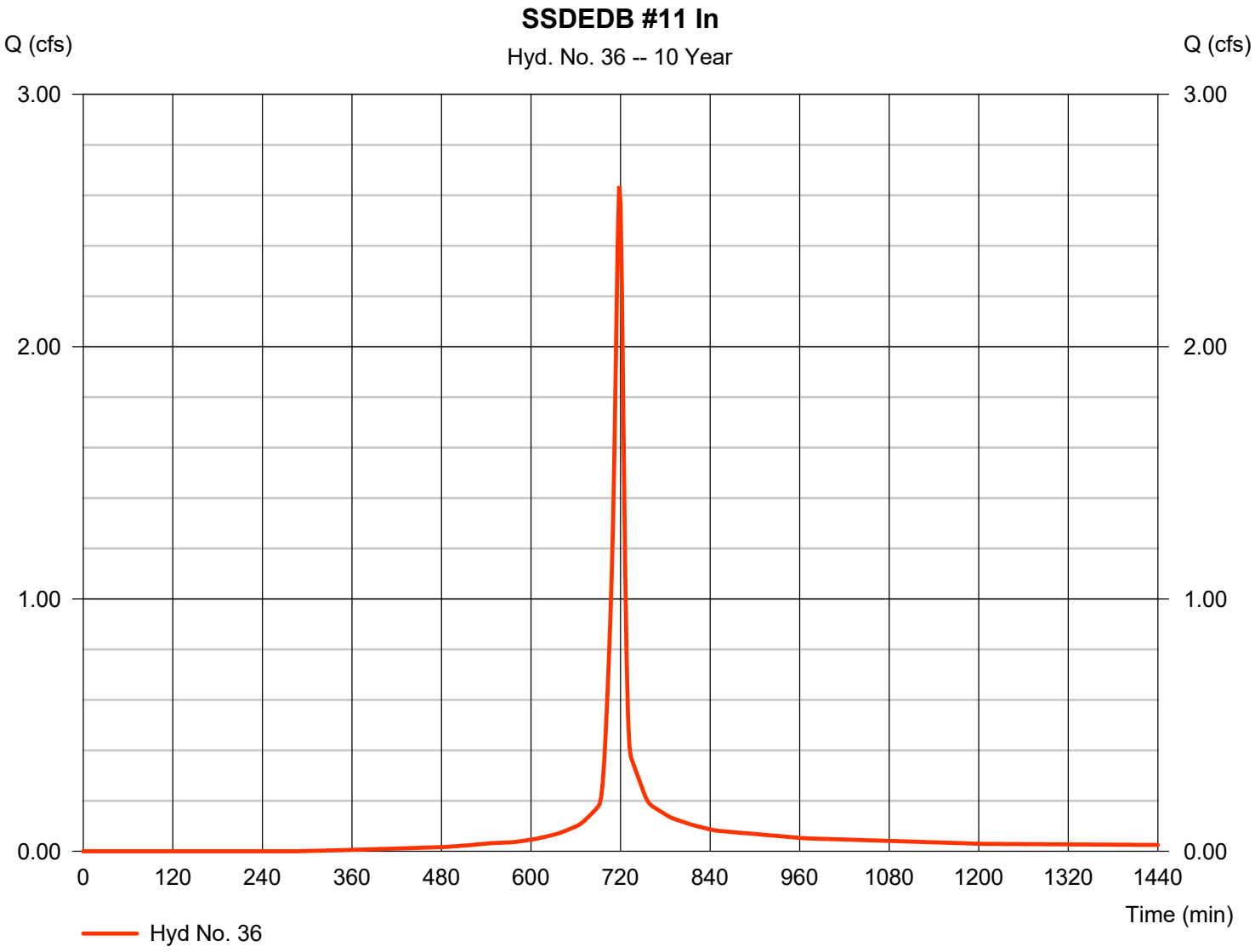
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.637 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 6,229 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

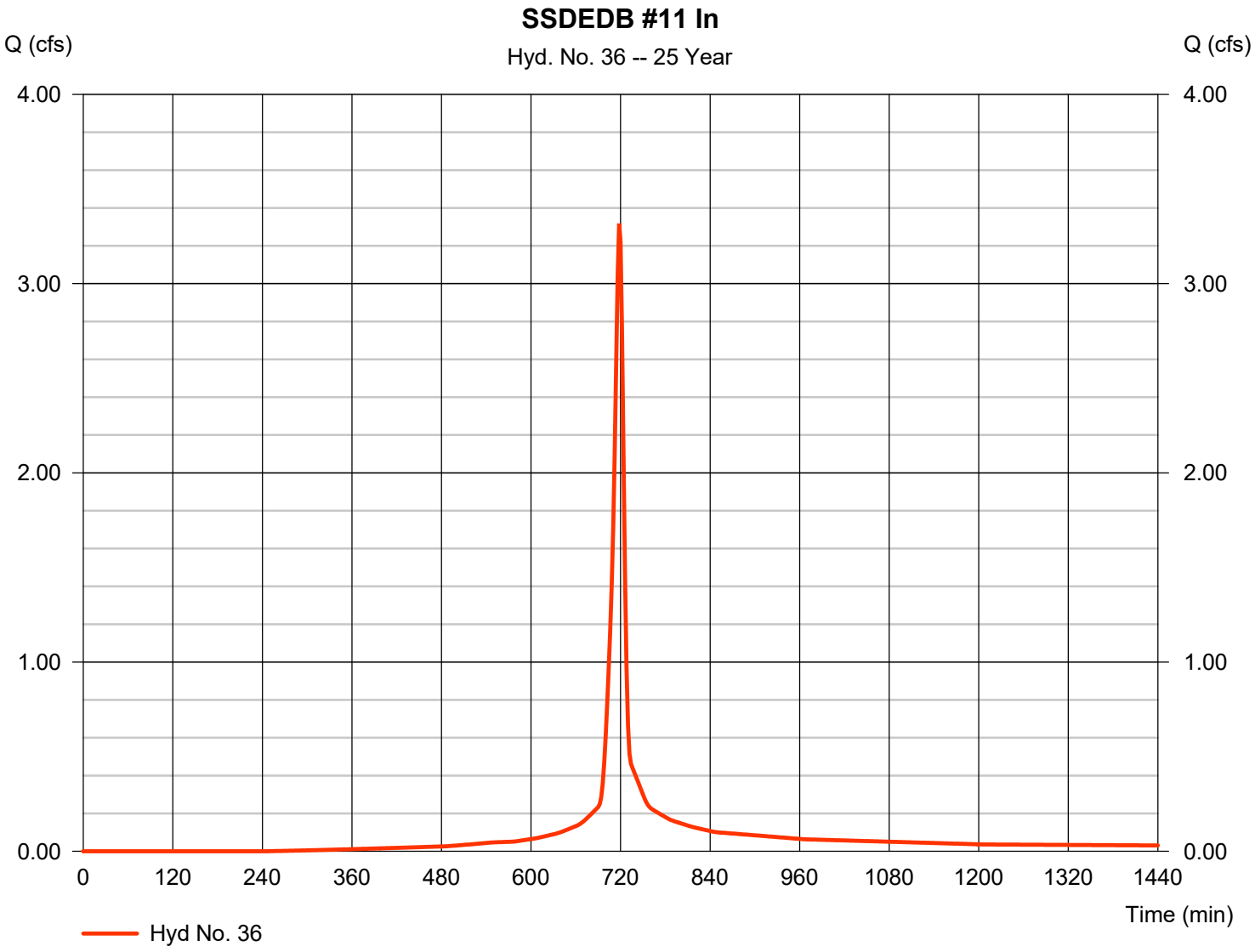
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.318 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 7,942 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

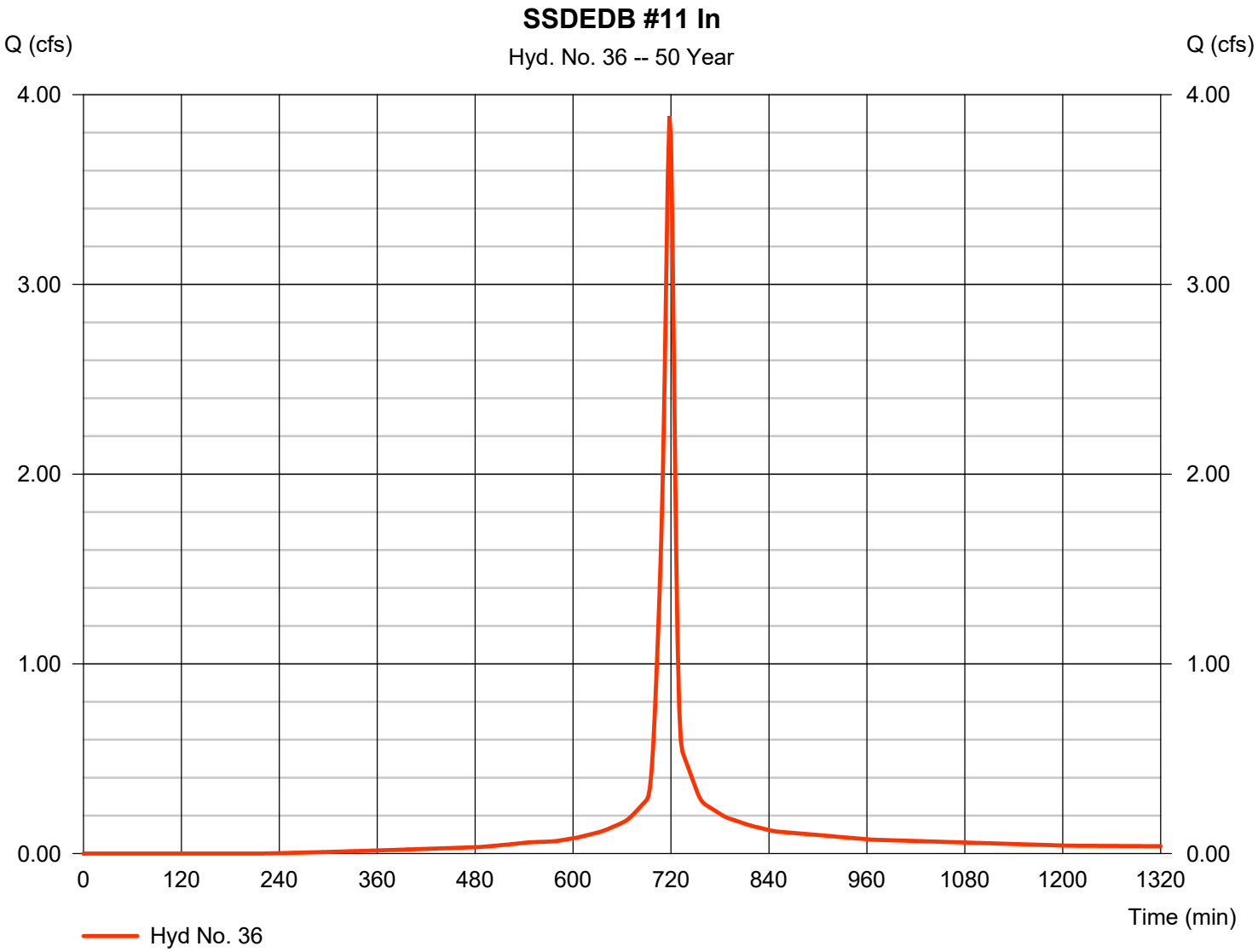
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.887 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 9,395 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



Hydrograph Report

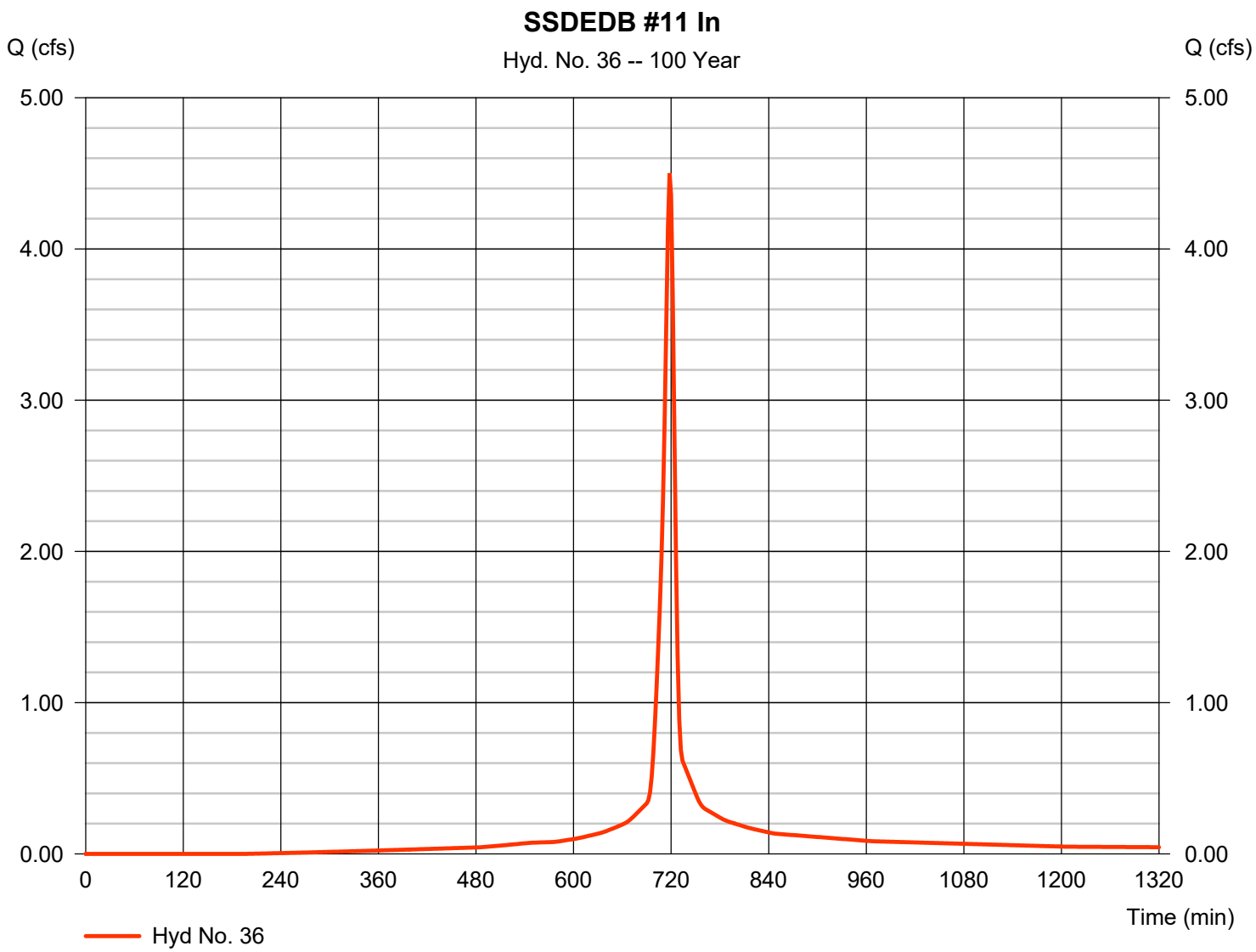
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 36

SSDEDB #11 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.501 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 10,982 cuft
Drainage area	= 0.500 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 6.60 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.140 x 61) + (0.360 x 98)] / 0.500



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #11

		Volume for One Chamber			# of Chambers 30	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	416.1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	416.1833	1.71	0.00	1.71	51.30	0.56	0.00	0.56	3.36	54.66
2	416.2667	1.71	0.00	3.42	102.60	0.58	0.00	1.14	6.84	109.44
3	416.3500	1.72	0.00	5.14	154.20	0.57	0.00	1.71	10.26	164.46
4	416.4333	1.71	0.00	6.85	205.50	0.57	0.00	2.28	13.68	219.18
5	416.5167	1.71	0.00	8.56	256.80	0.57	0.00	2.85	17.10	273.90
6	416.6000	1.71	0.00	10.27	308.10	0.57	0.00	3.42	20.52	328.62
7	416.6833	1.71	0.00	11.98	359.40	0.57	0.00	3.99	23.94	383.34
8	416.7667	1.72	0.00	13.70	411.00	0.56	0.00	4.55	27.30	438.30
9	416.8500	1.71	0.00	15.41	462.30	0.57	0.00	5.12	30.72	493.02
10	416.9333	0.30	3.51	19.22	576.60	0.32	0.63	6.07	36.42	613.02
11	417.0167	0.33	3.47	23.02	690.60	0.32	0.63	7.02	42.12	732.72
12	417.1000	0.33	3.46	26.81	804.30	0.32	0.62	7.96	47.76	852.06
13	417.1833	0.33	3.44	30.58	917.40	0.33	0.61	8.90	53.40	970.80
14	417.2667	0.35	3.41	34.34	1030.20	0.32	0.61	9.83	58.98	1089.18
15	417.3500	0.35	3.40	38.09	1142.70	0.33	0.60	10.76	64.56	1207.26
16	417.4333	0.38	3.36	41.83	1254.90	0.33	0.60	11.69	70.14	1325.04
17	417.5167	0.36	3.35	45.54	1366.20	0.34	0.58	12.61	75.66	1441.86
18	417.6000	0.39	3.32	49.25	1477.50	0.33	0.58	13.52	81.12	1558.62
19	417.6833	0.39	3.29	52.93	1587.90	0.34	0.57	14.43	86.58	1674.48
20	417.7667	0.41	3.26	56.60	1698.00	0.35	0.56	15.34	92.04	1790.04
21	417.8500	0.42	3.23	60.25	1807.50	0.36	0.54	16.24	97.44	1904.94
22	417.9333	0.43	3.20	63.88	1916.40	0.35	0.54	17.13	102.78	2019.18
23	418.0167	0.46	3.16	67.50	2025.00	0.36	0.52	18.01	108.06	2133.06
24	418.1000	0.46	3.13	71.09	2132.70	0.36	0.51	18.88	113.28	2245.98
25	418.1833	0.46	3.10	74.65	2239.50	0.38	0.49	19.75	118.50	2358.00
26	418.2667	0.50	3.05	78.20	2346.00	0.38	0.48	20.61	123.66	2469.66
27	418.3500	0.51	3.01	81.72	2451.60	0.38	0.46	21.45	128.70	2580.30
28	418.4333	0.52	2.97	85.21	2556.30	0.39	0.45	22.29	133.74	2690.04
29	418.5167	0.54	2.93	88.68	2660.40	0.40	0.43	23.12	138.72	2799.12
30	418.6000	0.57	2.87	92.12	2763.60	0.40	0.41	23.93	143.58	2907.18
31	418.6833	0.57	2.83	95.52	2865.60	0.42	0.39	24.74	148.44	3014.04
32	418.7667	0.61	2.77	98.90	2967.00	0.42	0.37	25.53	153.18	3120.18
33	418.8500	0.62	2.72	102.24	3067.20	0.42	0.35	26.30	157.80	3225.00
34	418.9333	0.65	2.65	105.54	3166.20	0.45	0.33	27.08	162.48	3328.68
35	419.0167	0.67	2.60	108.81	3264.30	0.44	0.32	27.84	167.04	3431.34
36	419.1000	0.71	2.52	112.04	3361.20	0.45	0.29	28.58	171.48	3532.68
37	419.1833	0.73	2.46	115.23	3456.90	0.46	0.27	29.31	175.86	3632.76
38	419.2667	0.75	2.39	118.37	3551.10	0.46	0.26	30.03	180.18	3731.28
39	419.3500	0.80	2.30	121.47	3644.10	0.48	0.24	30.75	184.50	3828.60
40	419.4333	0.81	2.23	124.51	3735.30	0.49	0.21	31.45	188.70	3924.00
41	419.5167	0.87	2.13	127.51	3825.30	0.48	0.20	32.13	192.78	4018.08
42	419.6000	0.89	2.04	130.44	3913.20	0.50	0.18	32.81	196.86	4110.06
43	419.6833	0.94	1.94	133.32	3999.60	0.51	0.16	33.48	200.88	4200.48
44	419.7667	0.98	1.83	136.13	4083.90	0.51	0.14	34.13	204.78	4288.68
45	419.8500	1.02	1.71	138.86	4165.80	0.52	0.12	34.77	208.62	4374.42
46	419.9333	1.09	1.57	141.52	4245.60	0.53	0.10	35.40	212.40	4458.00
47	420.0167	1.15	1.42	144.09	4322.70	0.53	0.09	36.02	216.12	4538.82
48	420.1000	1.21	1.25	146.55	4396.50	0.55	0.07	36.64	219.84	4616.34
49	420.1833	1.30	1.03	148.88	4466.40	0.55	0.05	37.24	223.44	4689.84
50	420.2667	1.43	0.69	151.00	4530.00	0.55	0.04	37.83	226.98	4756.98
51	420.3500	1.55	0.40	152.95	4588.50	0.56	0.02	38.41	230.46	4818.96
52	420.4333	1.60	0.29	154.84	4645.20	0.57	0.01	38.99	233.94	4879.14
53	420.5167	1.63	0.20	156.67	4700.10	0.56	0.01	39.56	237.36	4937.46
54	420.6000	1.69	0.06	158.42	4752.60	0.57	0.00	40.13	240.78	4993.38
55	420.6833	1.71	0.00	160.13	4803.90	0.57	0.00	40.70	244.20	5048.10
56	420.7667	1.71	0.00	161.84	4855.20	0.57	0.00	41.27	247.62	5102.82
57	420.8500	1.71	0.00	163.55	4906.50	0.57	0.00	41.84	251.04	5157.54
58	420.9333	1.72	0.00	165.27	4958.10	0.57	0.00	42.41	254.46	5212.56
59	421.0167	1.71	0.00	166.98	5009.40	0.57	0.00	42.98	257.88	5267.28
60	421.1000	1.71	0.00	168.69	5060.70	0.56	0.00	43.54	261.24	5321.94
61	421.1833	1.71	0.00	170.40	5112.00	0.57	0.00	44.11	264.66	5376.66
62	421.2667	1.71	0.00	172.11	5163.30	0.57	0.00	44.68	268.08	5431.38
63	421.3500	1.72	0.00	173.83	5214.90	0.57	0.00	45.25	271.50	5486.40
64	421.4333	1.71	0.00	175.54	5266.20	0.57	0.00	45.82	274.92	5541.12
65	421.5167	1.71	0.00	177.25	5317.50	0.57	0.00	46.39	278.34	5595.84
66	421.6000	1.71	0.00	178.96	5368.80	0.57	0.00	46.96	281.76	5650.56

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 11 - SSDEDB #11

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	416.10	n/a	0	0
0.33	416.43	n/a	219	219
0.67	416.77	n/a	219	438
1.00	417.10	n/a	414	852
1.33	417.43	n/a	473	1,325
1.67	417.77	n/a	465	1,790
2.00	418.10	n/a	456	2,246
2.33	418.43	n/a	444	2,690
2.67	418.77	n/a	430	3,120
3.00	419.10	n/a	413	3,533
3.33	419.43	n/a	391	3,924
3.67	419.77	n/a	365	4,289
4.00	420.10	n/a	328	4,616
4.33	420.43	n/a	263	4,879
4.67	420.77	n/a	224	5,103
5.00	421.10	n/a	219	5,322
5.33	421.43	n/a	219	5,541
5.50	421.60	n/a	109	5,651

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 416.10	416.10	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 1.03	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 421.10	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	416.10	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	219	416.43	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	438	416.77	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	852	417.10	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,325	417.43	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	1,790	417.77	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,246	418.10	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	2,690	418.43	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	3,120	418.77	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	3,533	419.10	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	3,924	419.43	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	4,289	419.77	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	4,616	420.10	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	4,879	420.43	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	5,103	420.77	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	5,322	421.10	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.058
5.33	5,541	421.43	1.34 ic	0.06 ic	---	---	1.28	---	---	---	---	---	1.336
5.50	5,651	421.60	2.44 oc	0.06 ic	---	---	2.35	---	---	---	---	---	2.412

Hydrograph Report

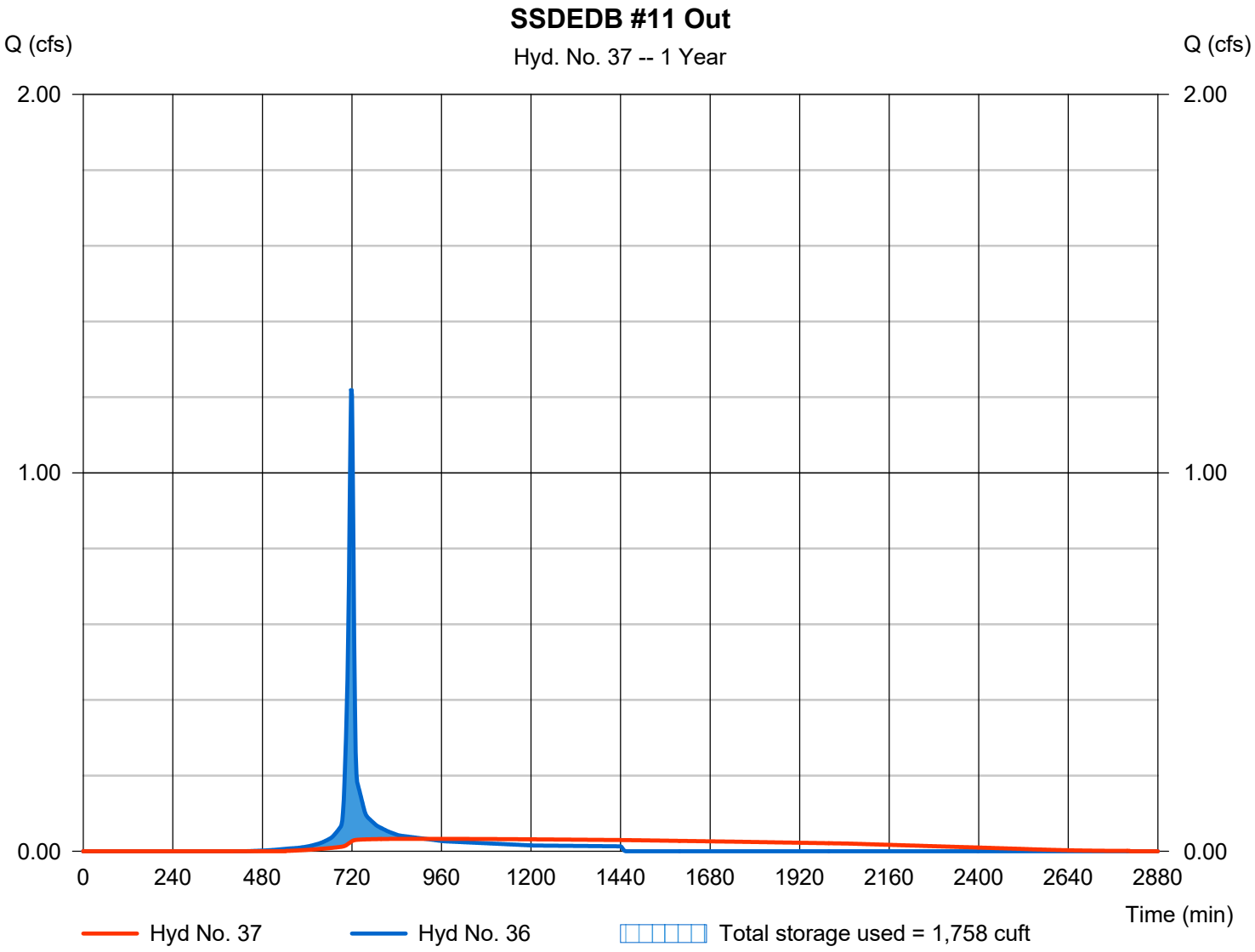
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.033 cfs
Storm frequency	= 1 yrs	Time to peak	= 916 min
Time interval	= 2 min	Hyd. volume	= 2,788 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 417.74 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 1,758 cuft

Storage Indication method used.



Hydrograph Report

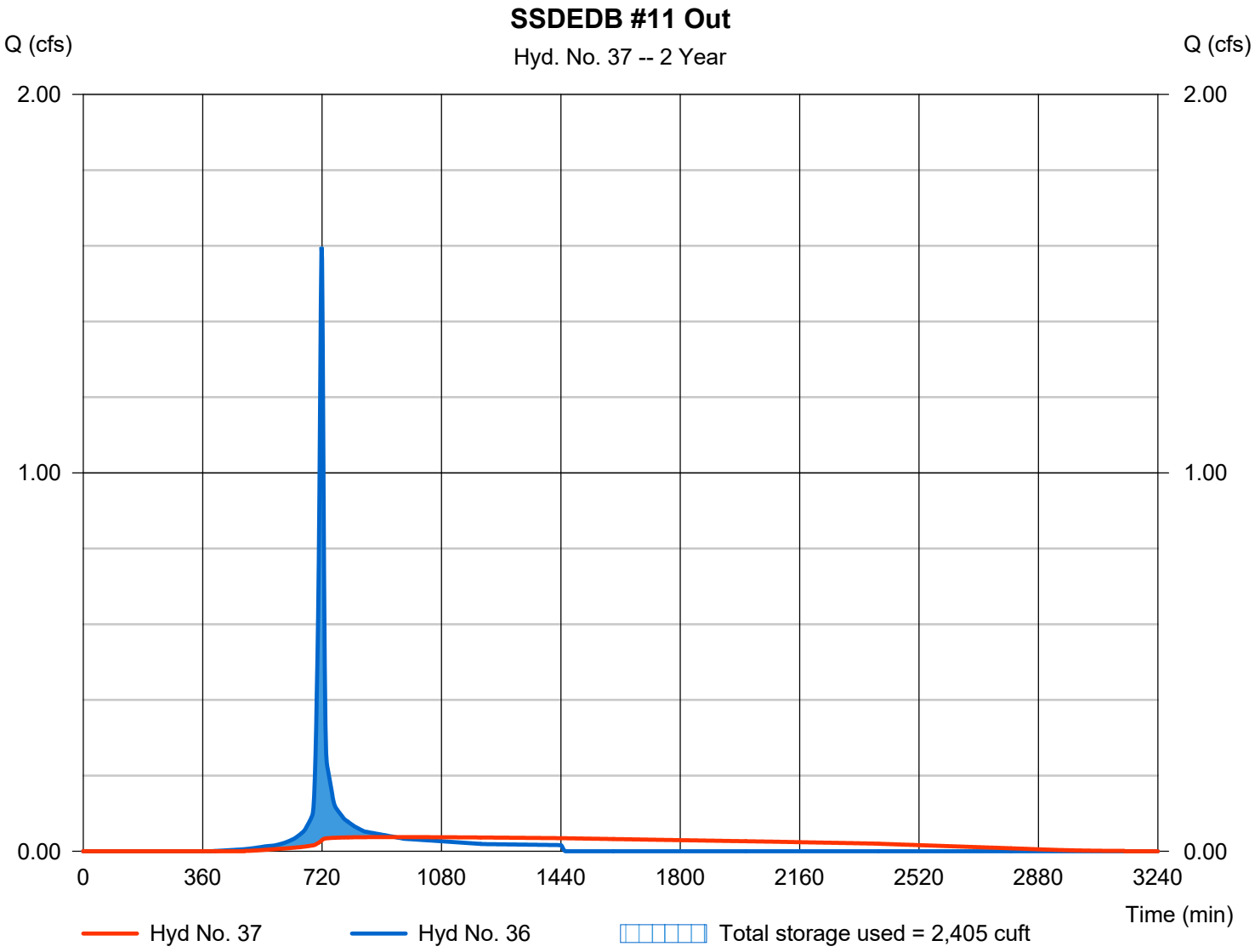
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.037 cfs
Storm frequency	= 2 yrs	Time to peak	= 940 min
Time interval	= 2 min	Hyd. volume	= 3,673 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 418.22 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 2,405 cuft

Storage Indication method used.



Hydrograph Report

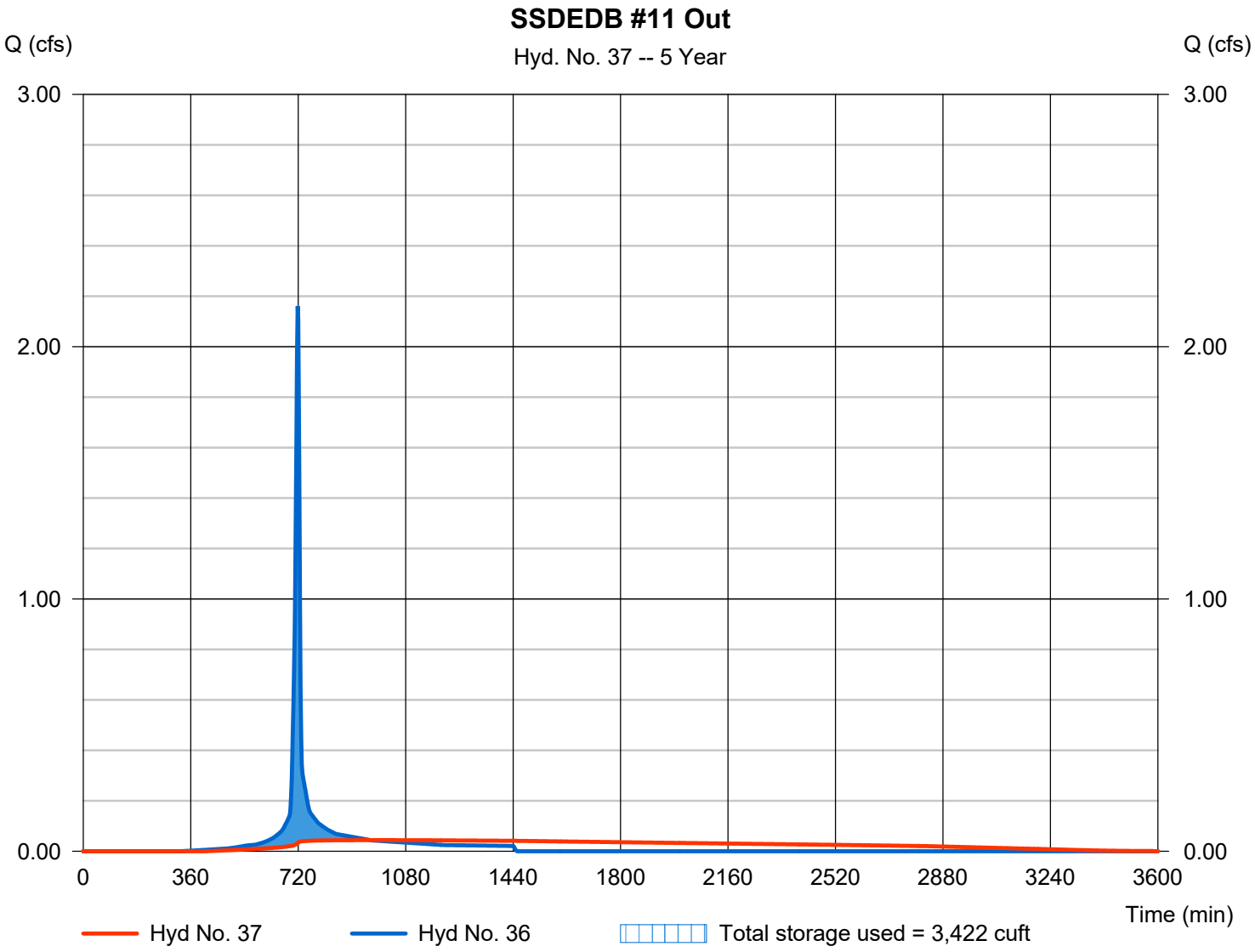
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.044 cfs
Storm frequency	= 5 yrs	Time to peak	= 962 min
Time interval	= 2 min	Hyd. volume	= 5,037 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 419.01 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 3,422 cuft

Storage Indication method used.



Hydrograph Report

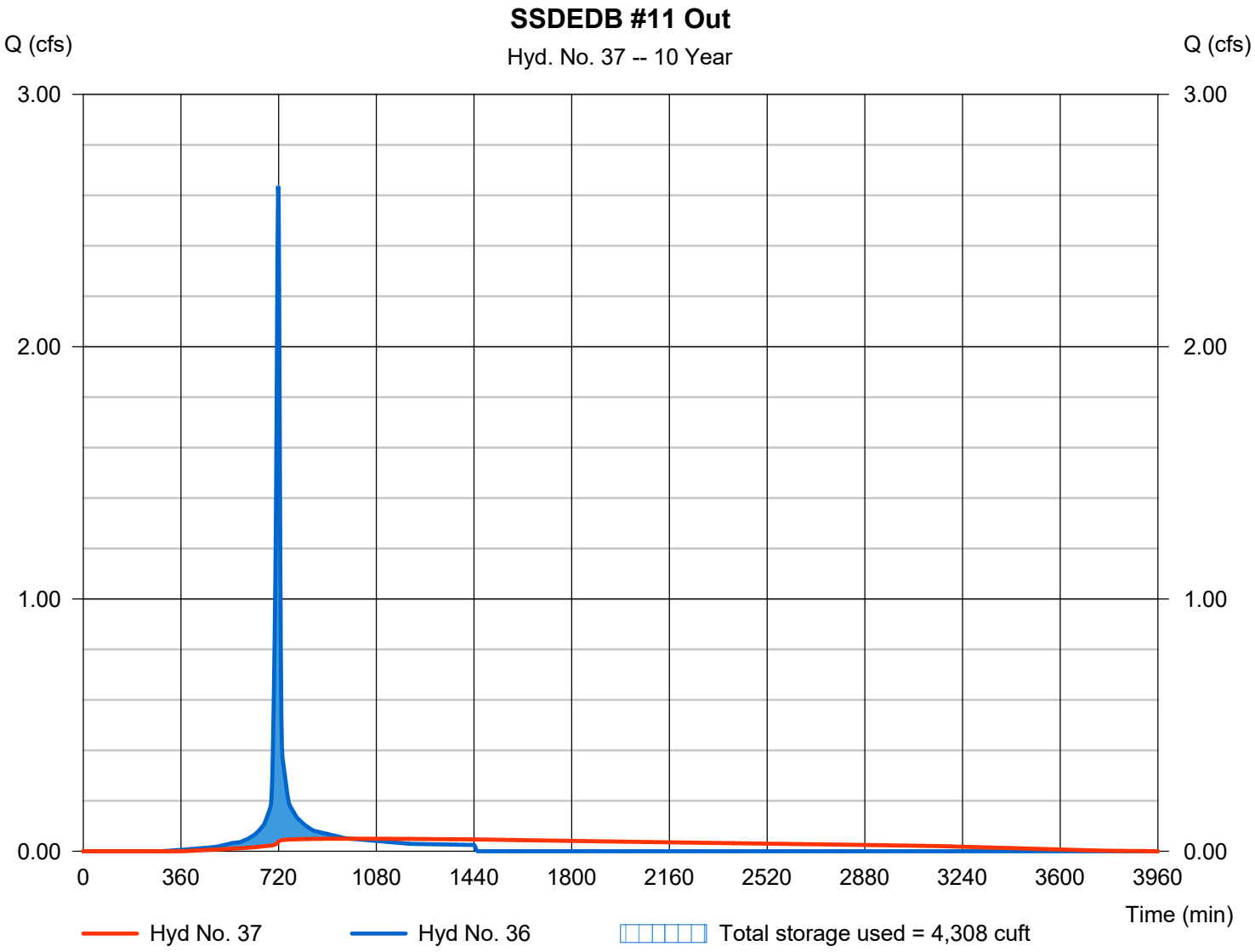
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.050 cfs
Storm frequency	= 10 yrs	Time to peak	= 984 min
Time interval	= 2 min	Hyd. volume	= 6,212 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 419.79 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 4,308 cuft

Storage Indication method used.



Hydrograph Report

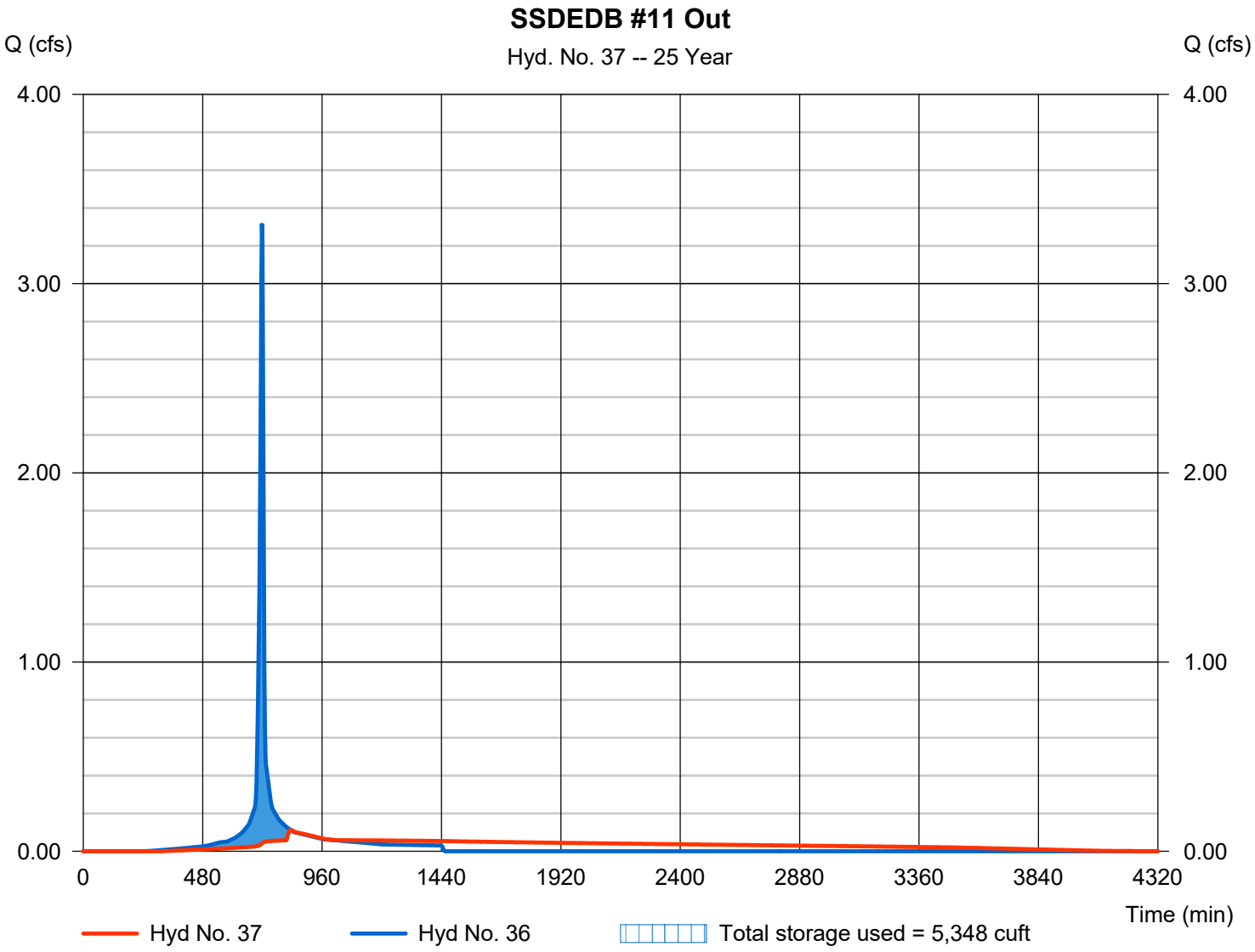
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.112 cfs
Storm frequency	= 25 yrs	Time to peak	= 834 min
Time interval	= 2 min	Hyd. volume	= 7,925 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 421.14 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 5,348 cuft

Storage Indication method used.



Hydrograph Report

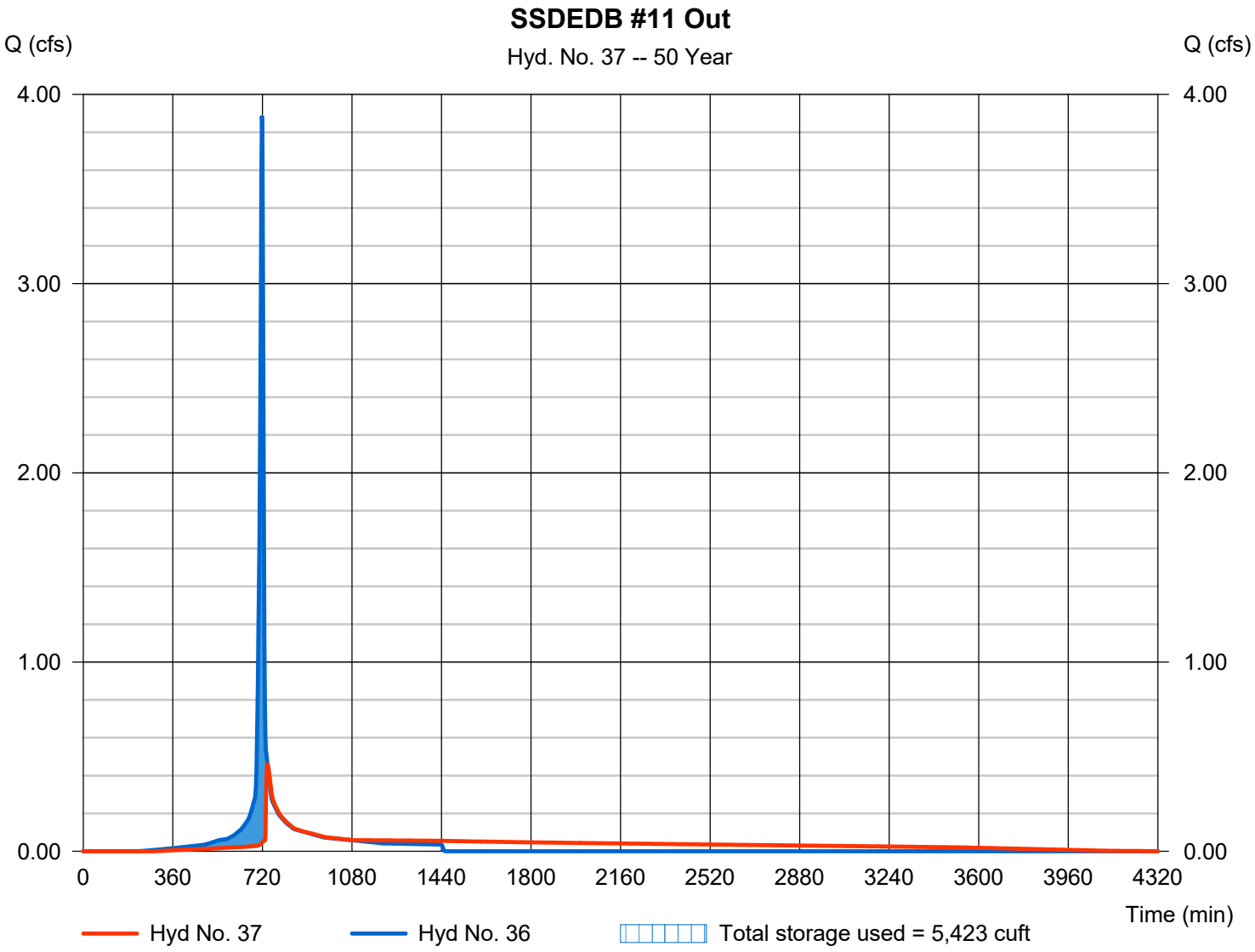
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.458 cfs
Storm frequency	= 50 yrs	Time to peak	= 740 min
Time interval	= 2 min	Hyd. volume	= 9,378 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 421.25 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 5,423 cuft

Storage Indication method used.



Hydrograph Report

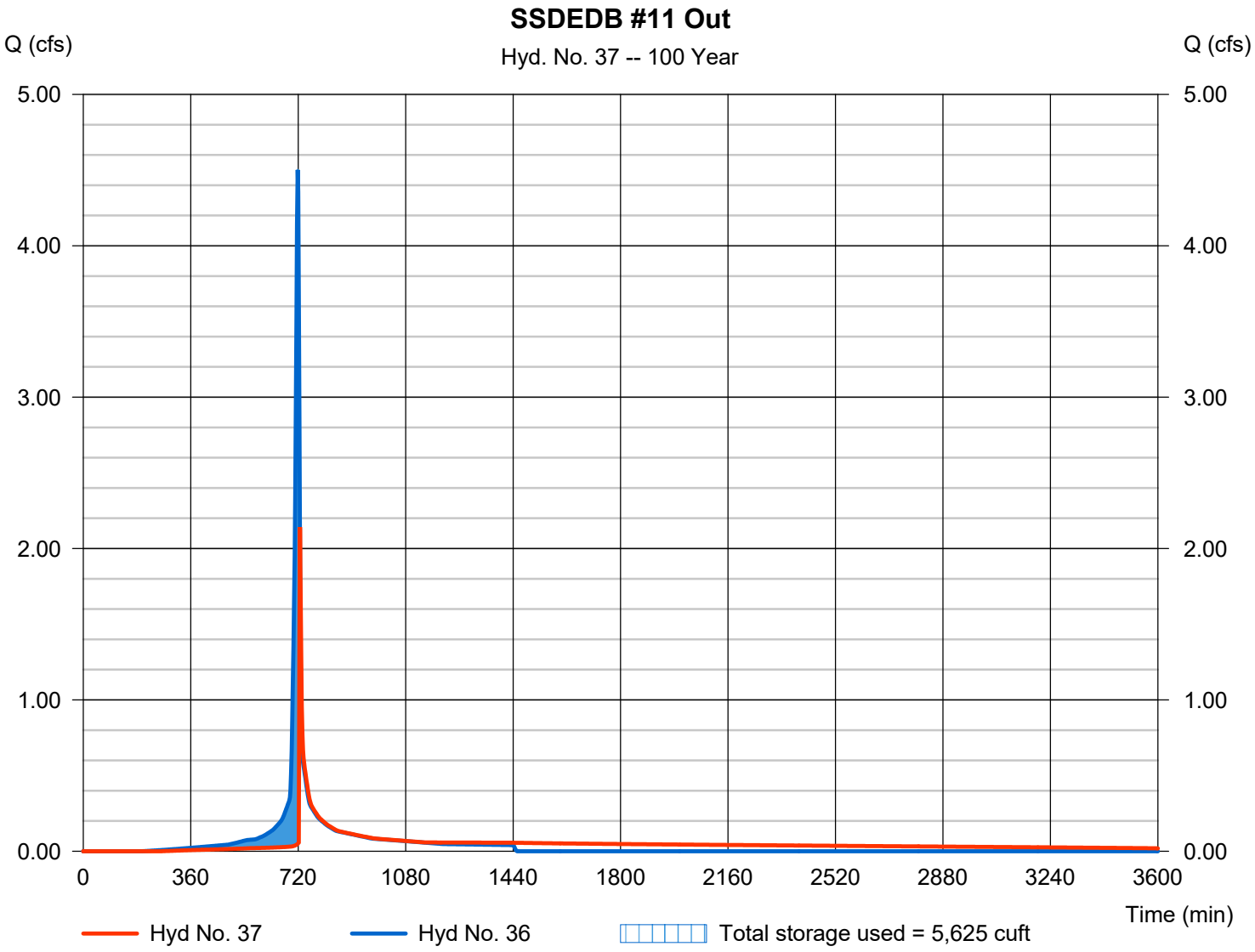
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.141 cfs
Storm frequency	= 100 yrs	Time to peak	= 726 min
Time interval	= 2 min	Hyd. volume	= 10,965 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Max. Elevation	= 421.58 ft
Reservoir name	= SSDEDB #11	Max. Storage	= 5,625 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #12

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.21	61
IMPERVIOUS	0.42	98

TOTAL 0.63

TR55 Tc Worksheet

Hyd. No. 38

SSDEDB #12 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 14.18**	**+**	**0.00**	**+**	**0.00**	**=**	**14.18**
Shallow Concentrated Flow							
Flow length (ft)	= 43.00		57.00		0.00		
Watercourse slope (%)	= 2.00		15.80		0.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=2.28		6.41		0.00		
Travel Time (min)	**= 0.31**	**+**	**0.15**	**+**	**0.00**	**=**	**0.46**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 3.03		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=9.92						
			0.00				
					0.00		
Flow length (ft)	({0})18.0		0.0		0.0		
Travel Time (min)	**= 0.03**	**+**	**0.00**	**+**	**0.00**	**=**	**0.03**

Total Travel Time, Tc ..... 14.70 min

Hydrograph Report

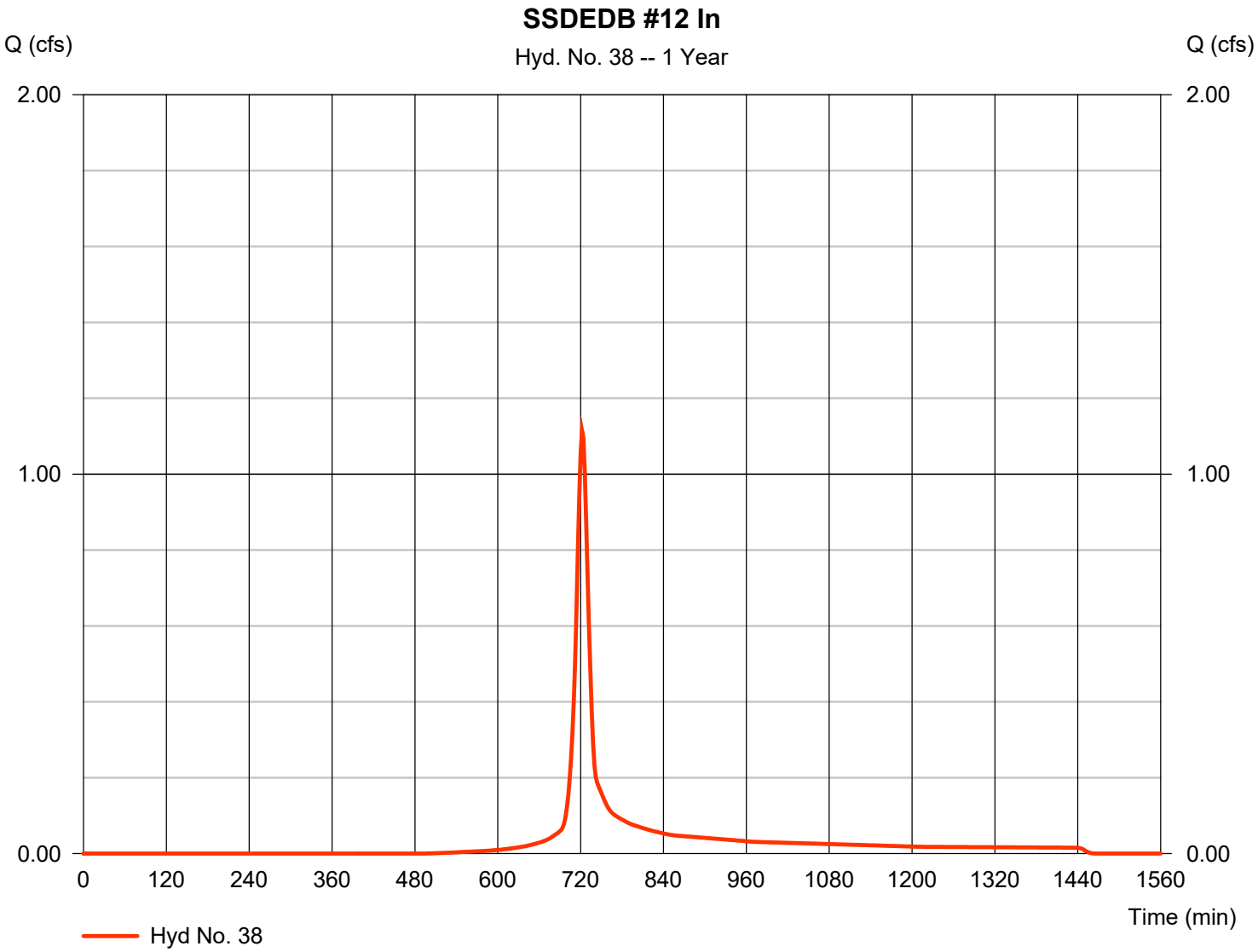
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.114 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,122 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

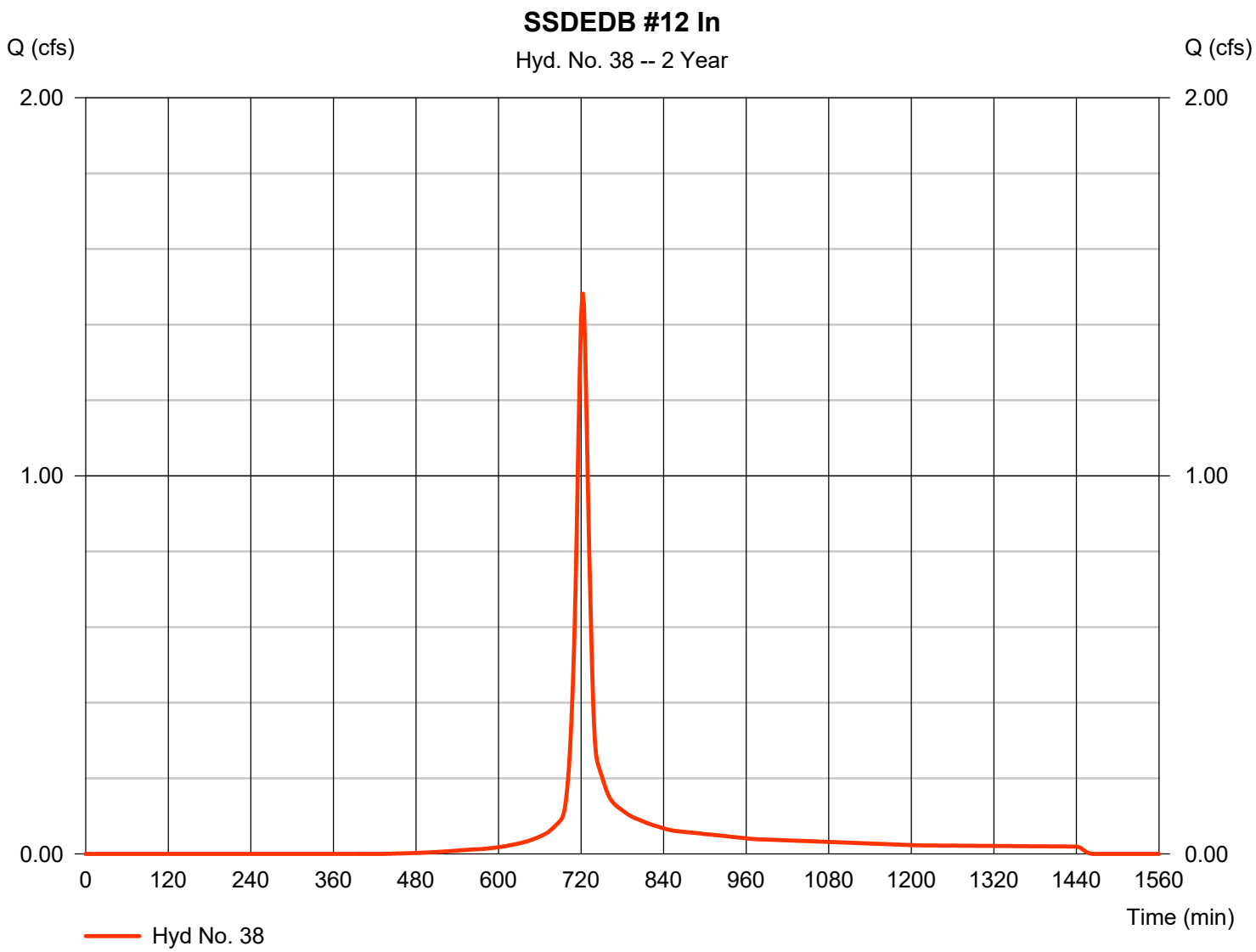
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.486 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 4,169 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

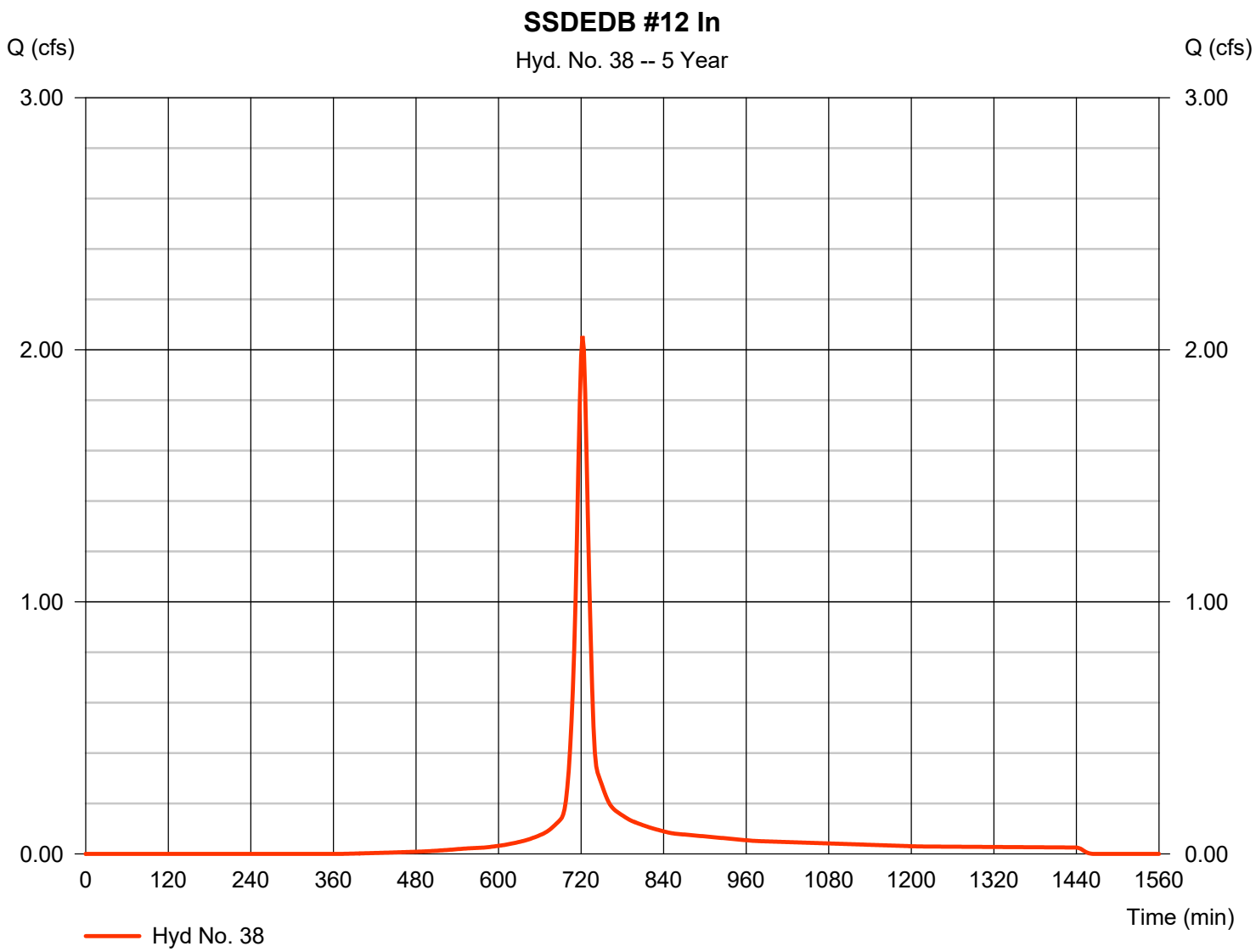
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.054 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,799 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

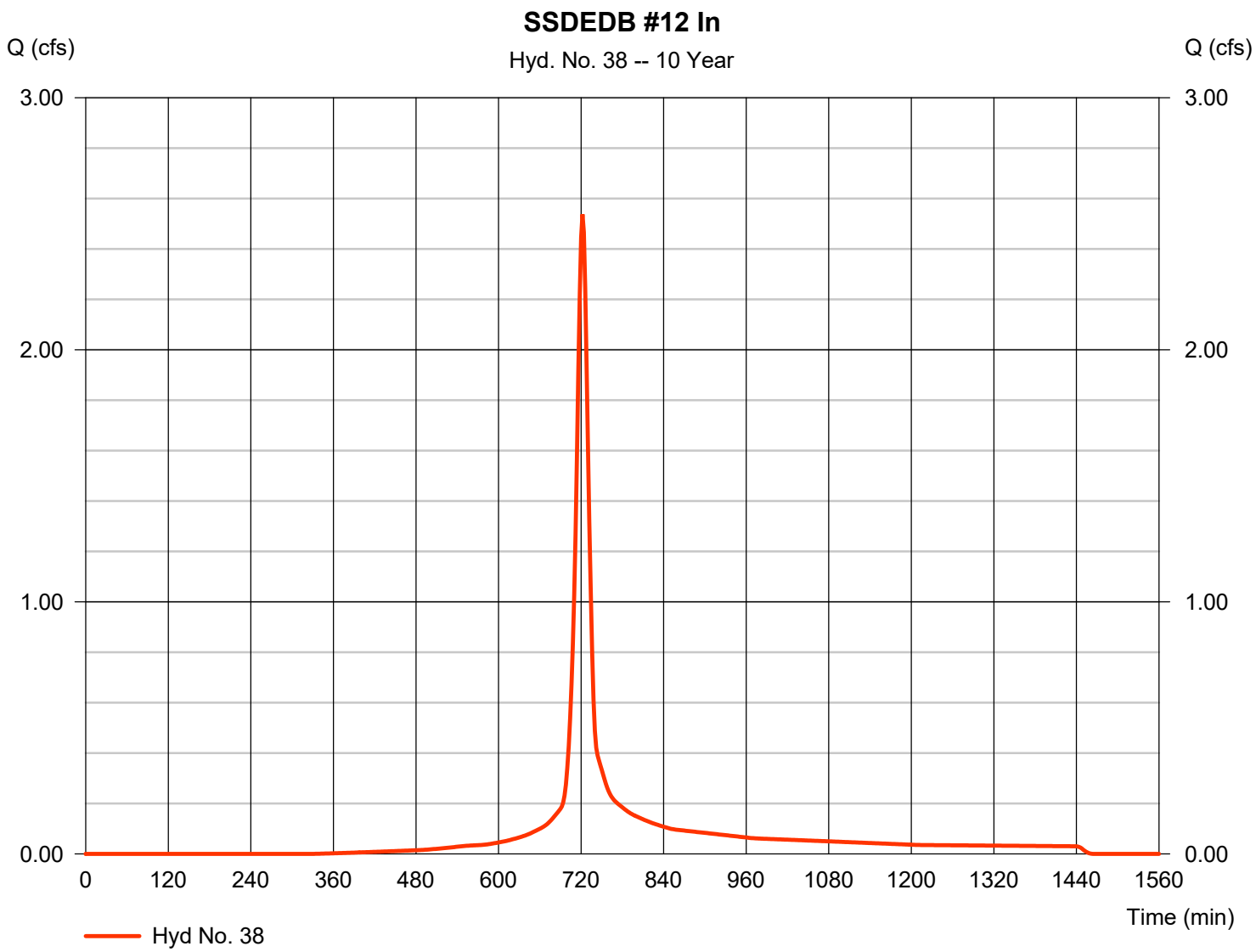
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.538 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,212 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

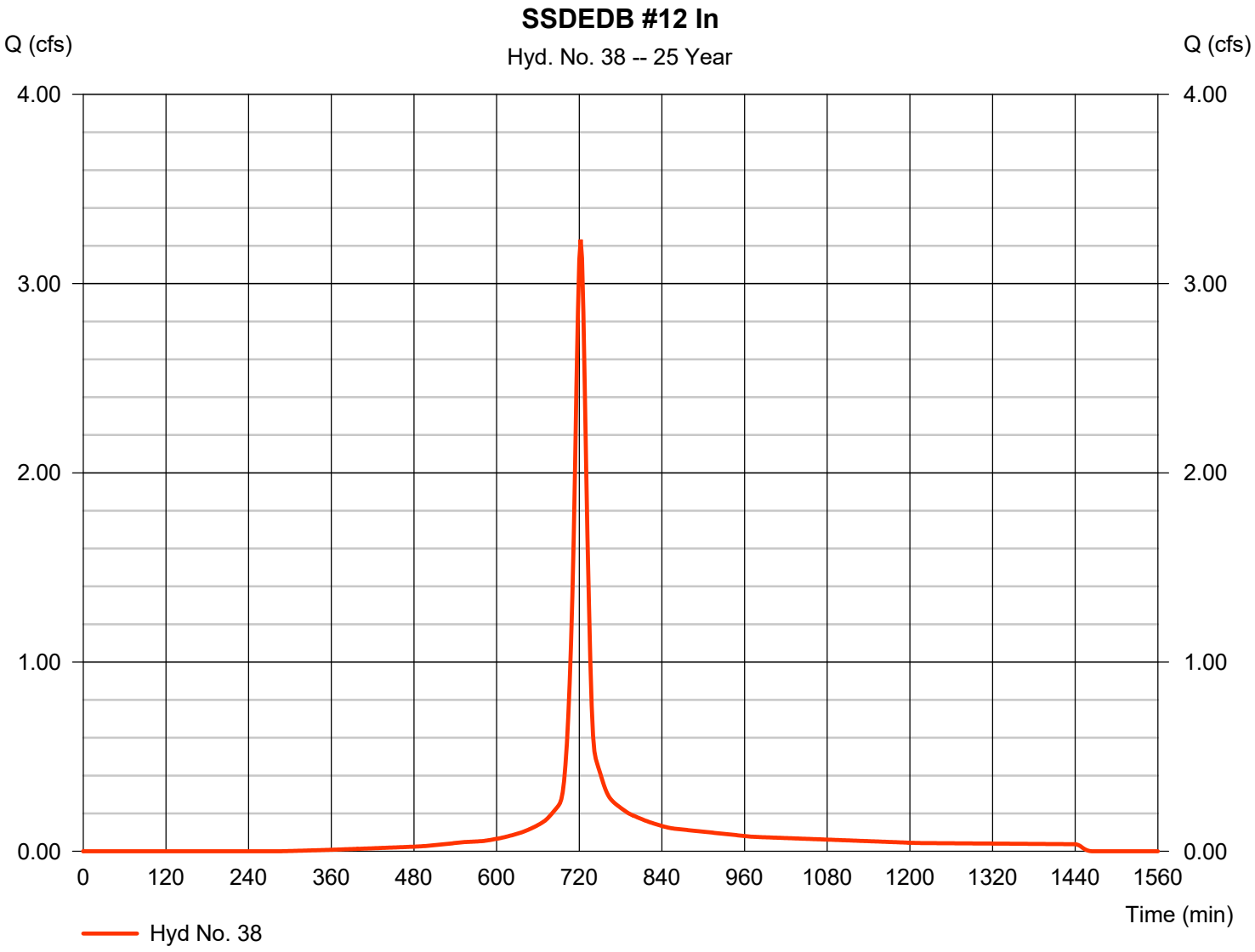
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.233 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,282 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

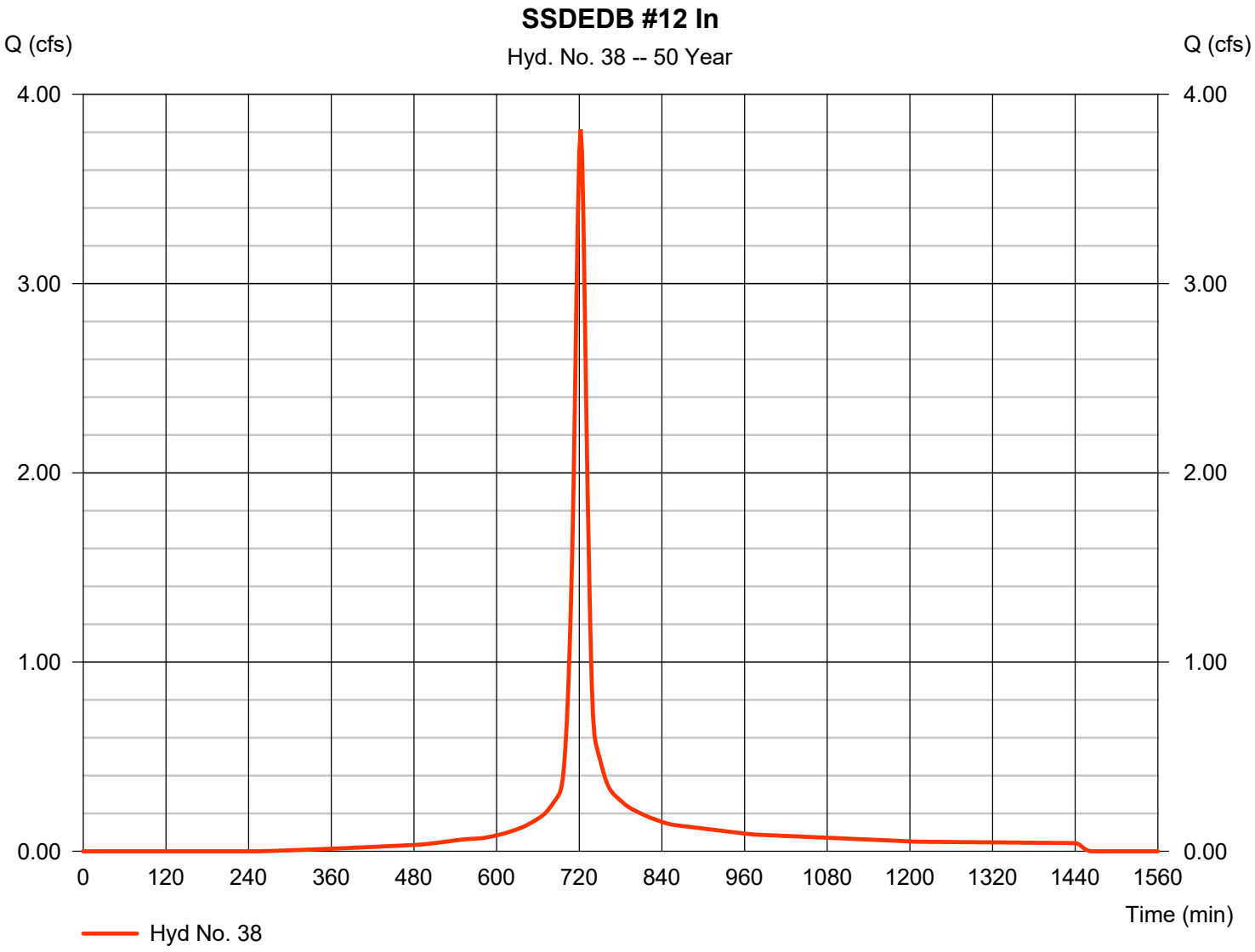
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.816 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 11,044 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



Hydrograph Report

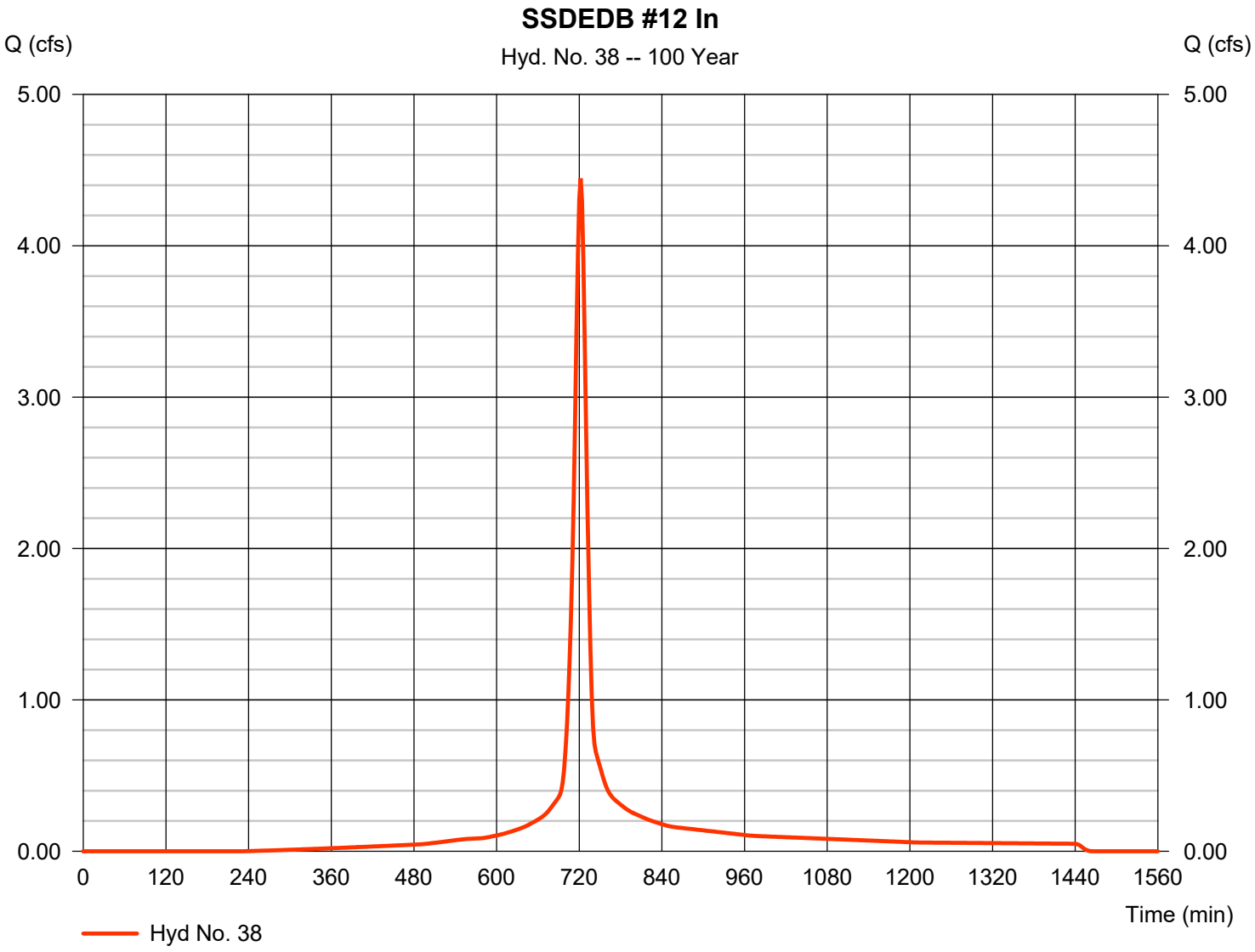
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 38

SSDEDB #12 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.445 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 12,974 cuft
Drainage area	= 0.630 ac	Curve number	= 86*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.70 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.210 x 61) + (0.420 x 98)] / 0.630



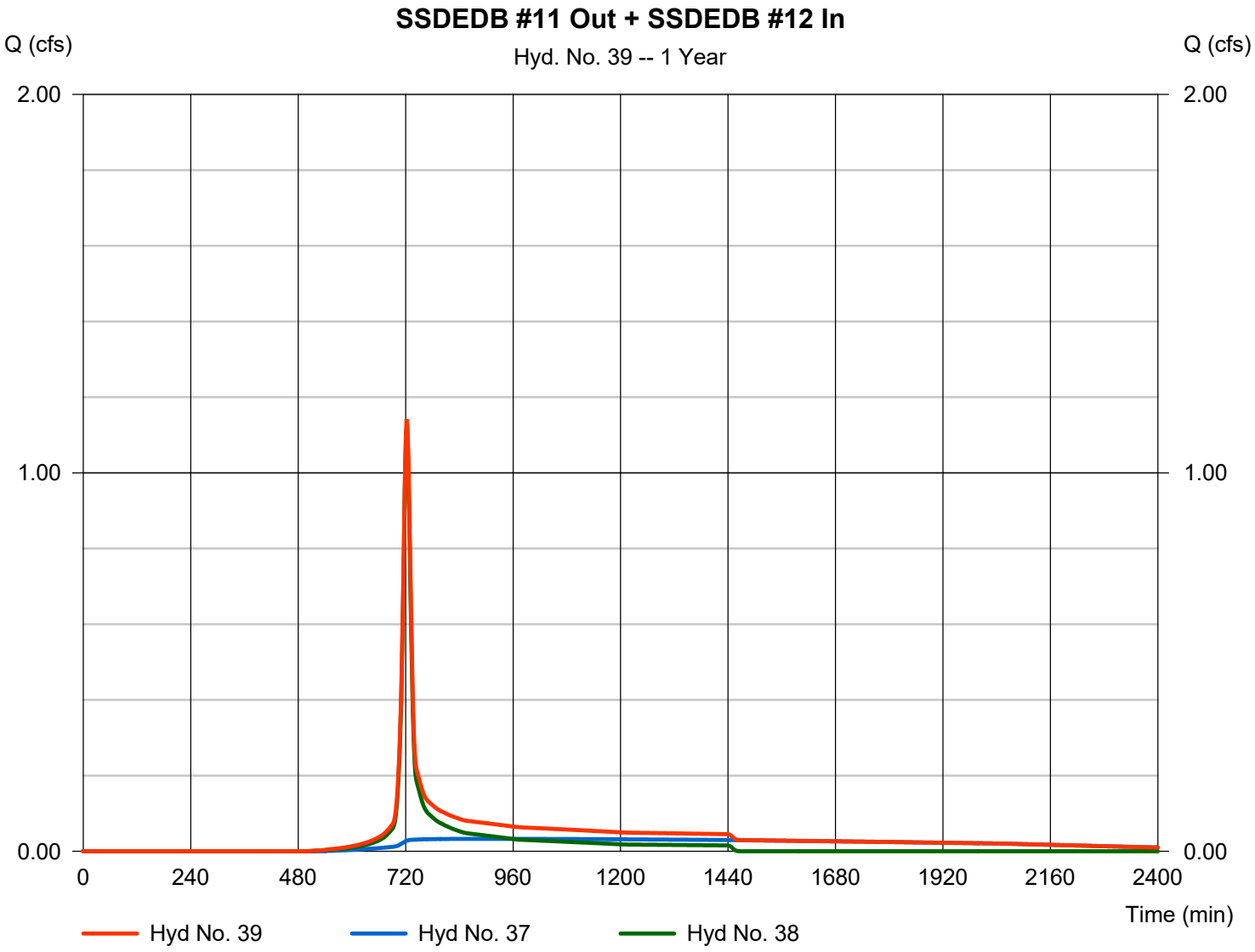
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 1.141 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,910 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



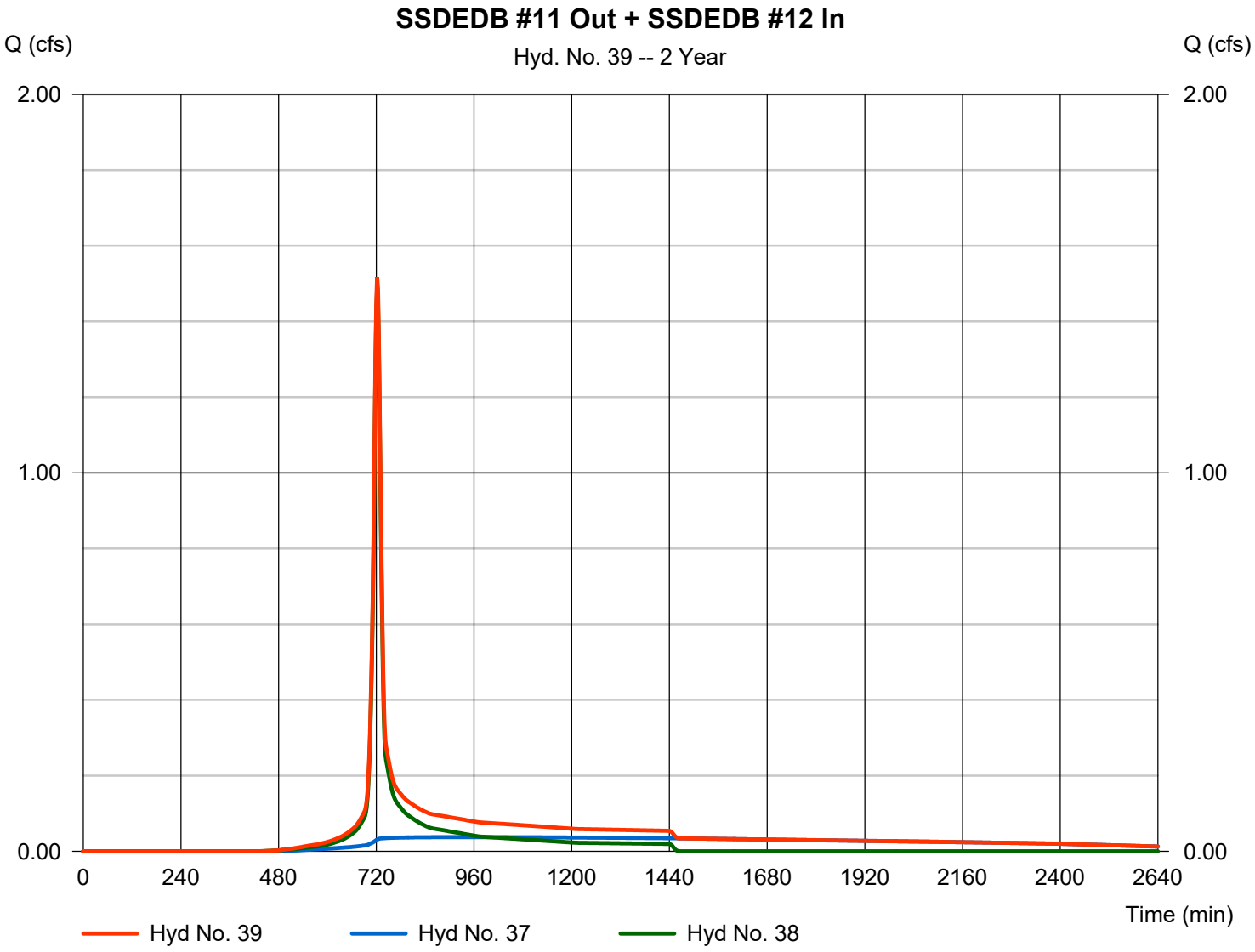
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 1.517 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,842 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



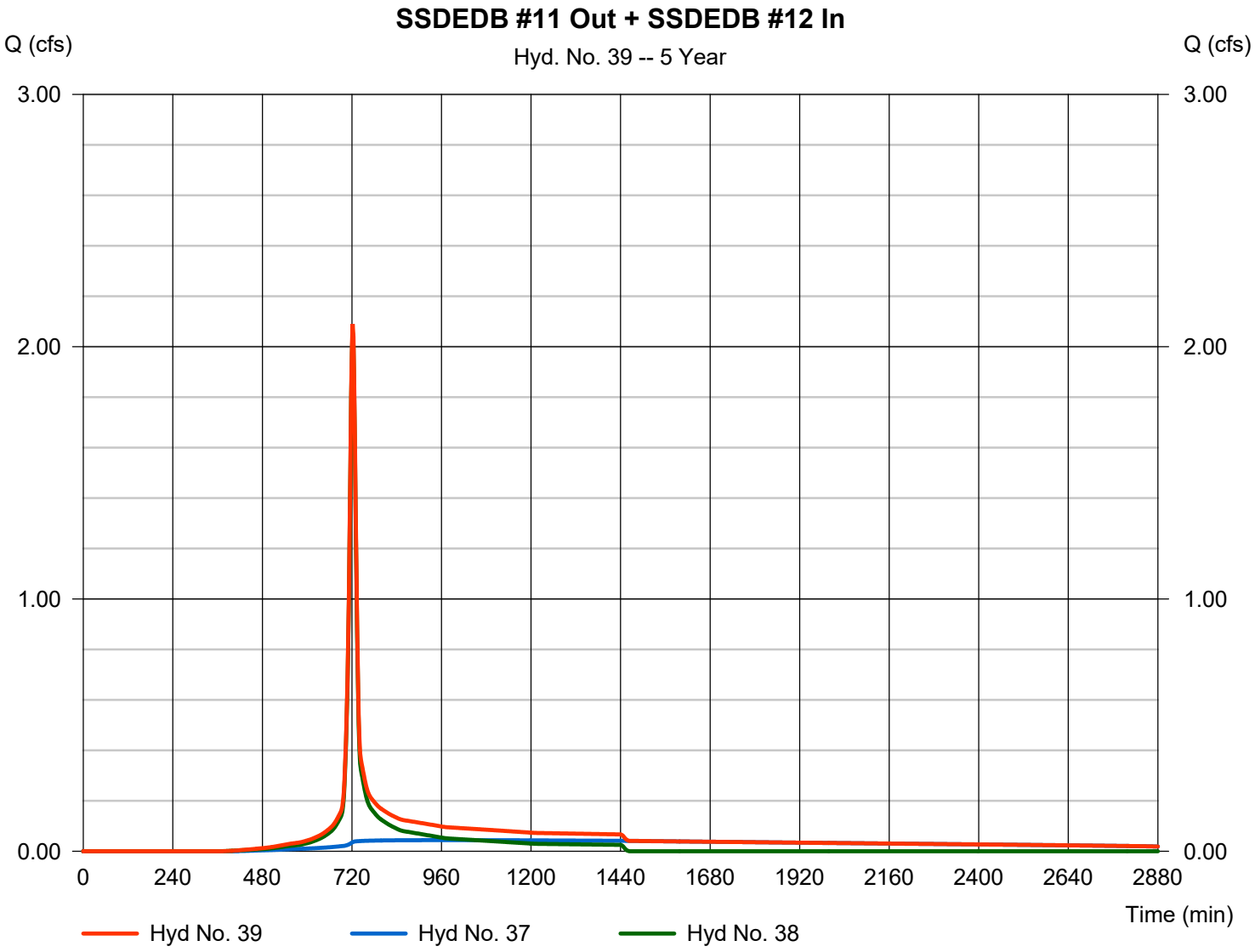
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 2.090 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 10,836 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



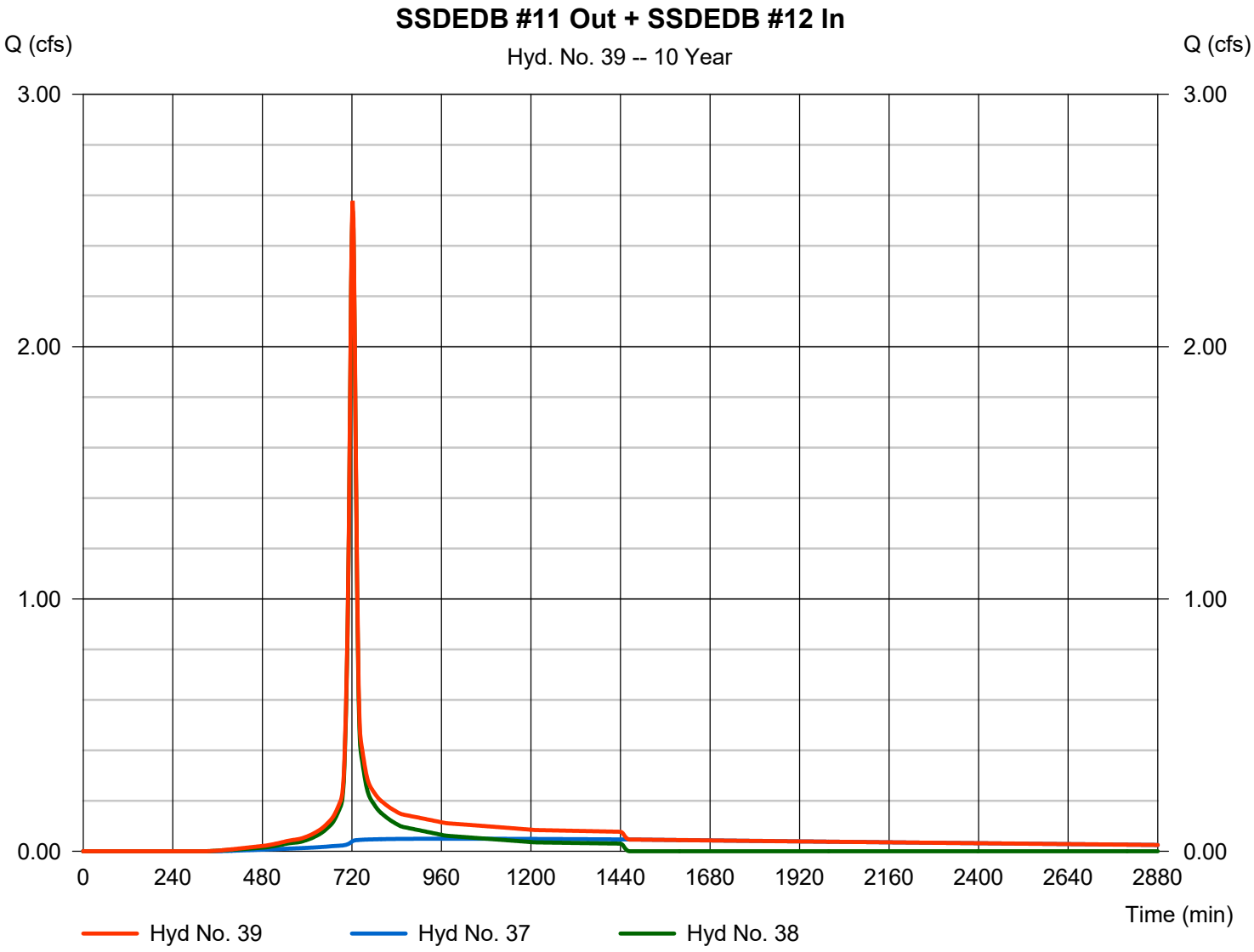
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 2.577 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,424 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



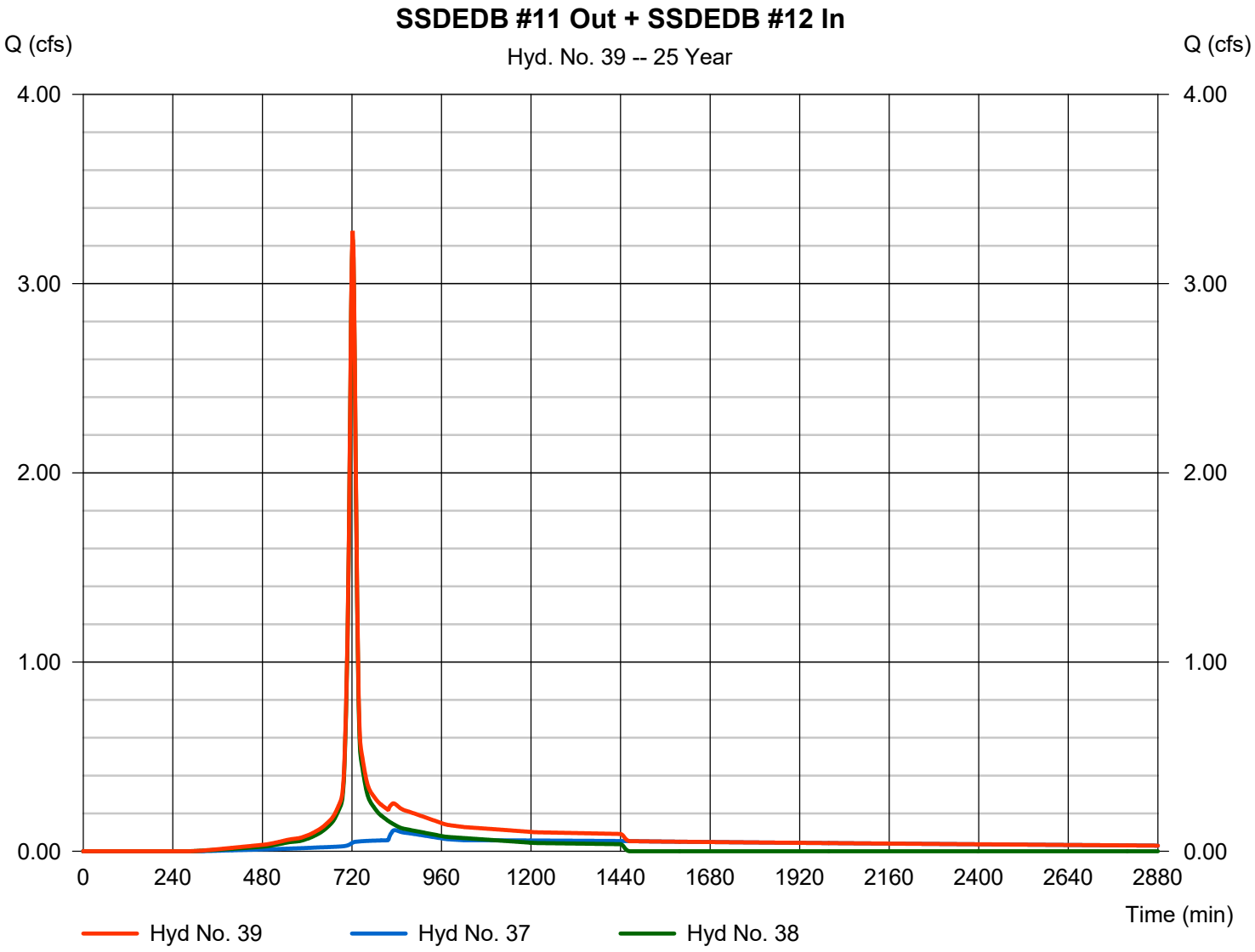
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 3.279 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 17,207 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



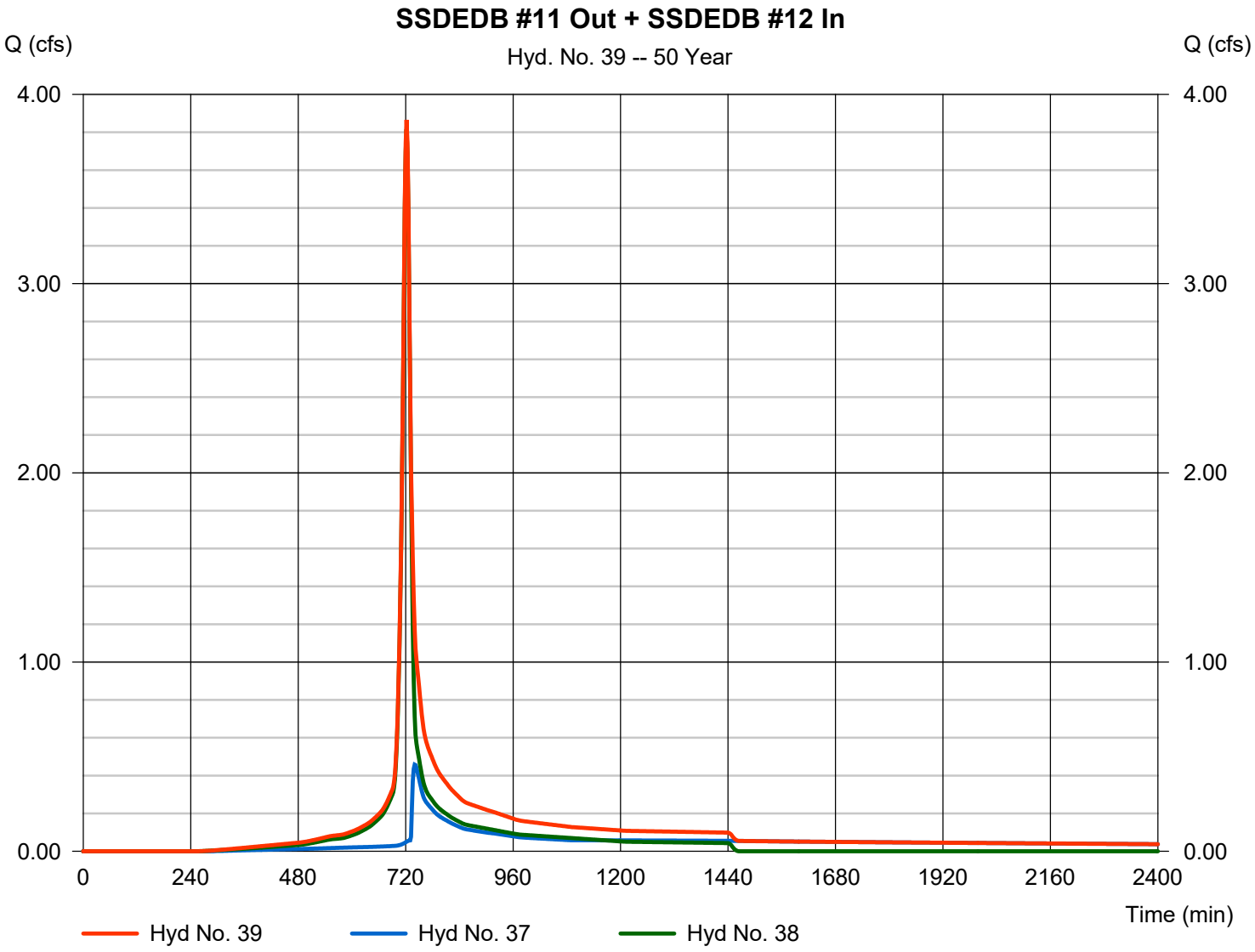
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 3.866 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 20,422 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



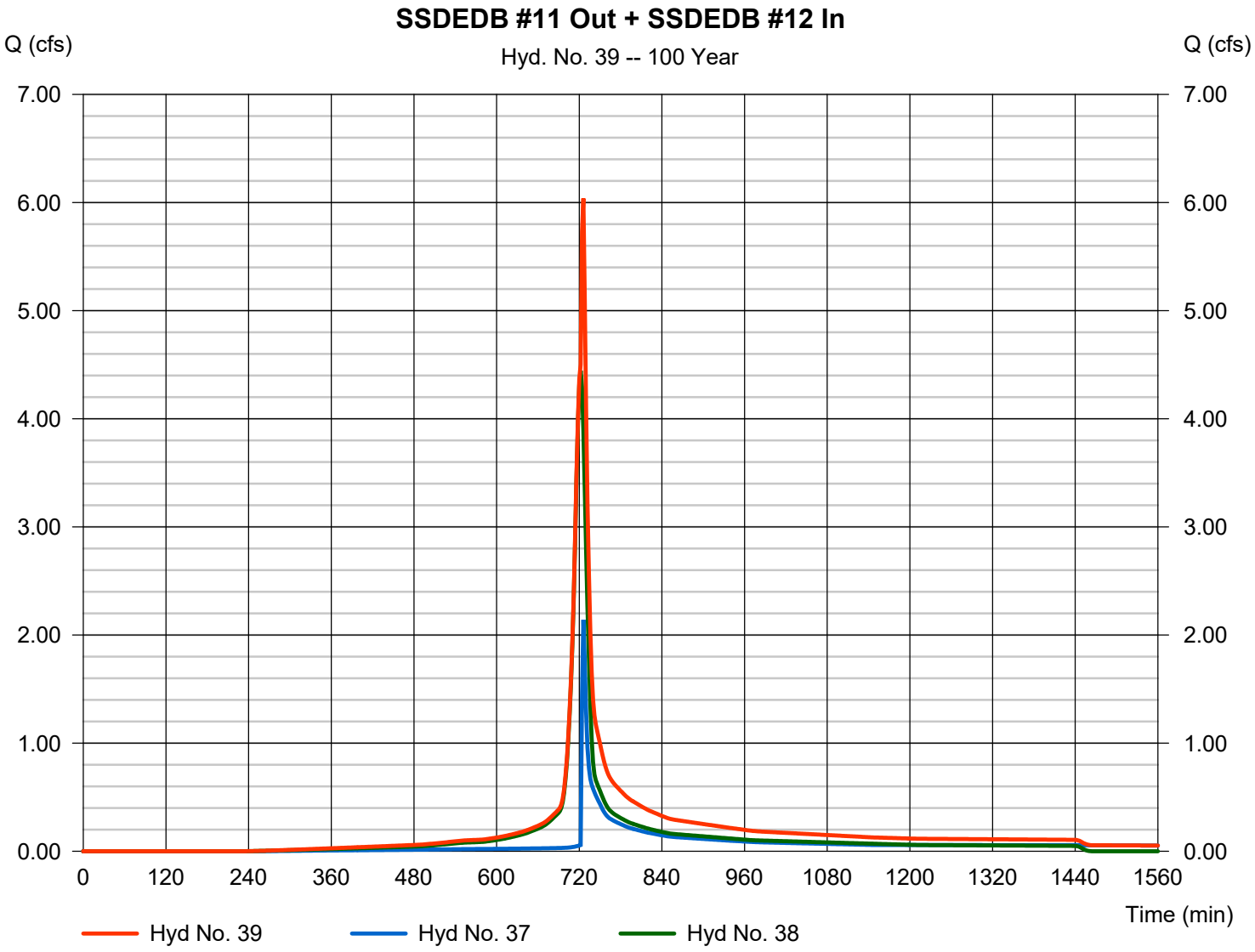
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 39

SSDEDB #11 Out + SSDEDB #12 In

Hydrograph type	= Combine	Peak discharge	= 6.038 cfs
Storm frequency	= 100 yrs	Time to peak	= 726 min
Time interval	= 2 min	Hyd. volume	= 23,939 cuft
Inflow hyds.	= 37, 38	Contrib. drain. area	= 0.630 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #12

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	413.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	413.8833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	413.9667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	414.0500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	414.1333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	414.2167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	414.3000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	414.3833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	414.4667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	414.5500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	414.6333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	414.7167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	414.8000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	414.8833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	414.9667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	415.0500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	415.1333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	415.2167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	415.3000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	415.3833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	415.4667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	415.5500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	415.6333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	415.7167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	415.8000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	415.8833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	415.9667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	416.0500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	416.1333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	416.2167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	416.3000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	416.3833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	416.4667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	416.5500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	416.6333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	416.7167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	416.8000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	416.8833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	416.9667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	417.0500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	417.1333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	417.2167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	417.3000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	417.3833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	417.4667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	417.5500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	417.6333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	417.7167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	417.8000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	417.8833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	417.9667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	418.0500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	418.1333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	418.2167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	418.3000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	418.3833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	418.4667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	418.5500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	418.6333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	418.7167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	418.8000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	418.8833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	418.9667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	419.0500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	419.1333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	419.2167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	419.3000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 12 - SSDEDB #12

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	413.80	n/a	0	0
0.33	414.13	n/a	281	281
0.67	414.47	n/a	281	562
1.00	414.80	n/a	532	1,093
1.33	415.13	n/a	608	1,702
1.67	415.47	n/a	598	2,299
2.00	415.80	n/a	586	2,886
2.33	416.13	n/a	571	3,457
2.67	416.47	n/a	553	4,010
3.00	416.80	n/a	531	4,541
3.33	417.13	n/a	504	5,045
3.67	417.47	n/a	469	5,514
4.00	417.80	n/a	421	5,935
4.33	418.13	n/a	337	6,273
4.67	418.47	n/a	287	6,559
5.00	418.80	n/a	281	6,840
5.33	419.13	n/a	281	7,121
5.50	419.30	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.50	0.00	0.00
Span (in)	= 15.00	1.50	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 413.80	413.80	0.00	0.00
Length (ft)	= 40.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 418.65	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	413.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	414.13	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.030
0.67	562	414.47	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
1.00	1,093	414.80	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
1.33	1,702	415.13	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.065
1.67	2,299	415.47	0.08 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.073
2.00	2,886	415.80	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.081
2.33	3,457	416.13	0.09 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.088
2.67	4,010	416.47	0.10 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.094
3.00	4,541	416.80	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.100
3.33	5,045	417.13	0.11 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.106
3.67	5,514	417.47	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.111
4.00	5,935	417.80	0.12 ic	0.12 ic	---	---	0.00	---	---	---	---	---	0.116
4.33	6,273	418.13	0.13 ic	0.12 ic	---	---	0.00	---	---	---	---	---	0.121
4.67	6,559	418.47	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.125
5.00	6,840	418.80	0.51 ic	0.13 ic	---	---	0.38	---	---	---	---	---	0.513
5.33	7,121	419.13	2.36 ic	0.13 ic	---	---	2.23	---	---	---	---	---	2.361
5.50	7,261	419.30	3.62 ic	0.13 ic	---	---	3.49	---	---	---	---	---	3.615

Hydrograph Report

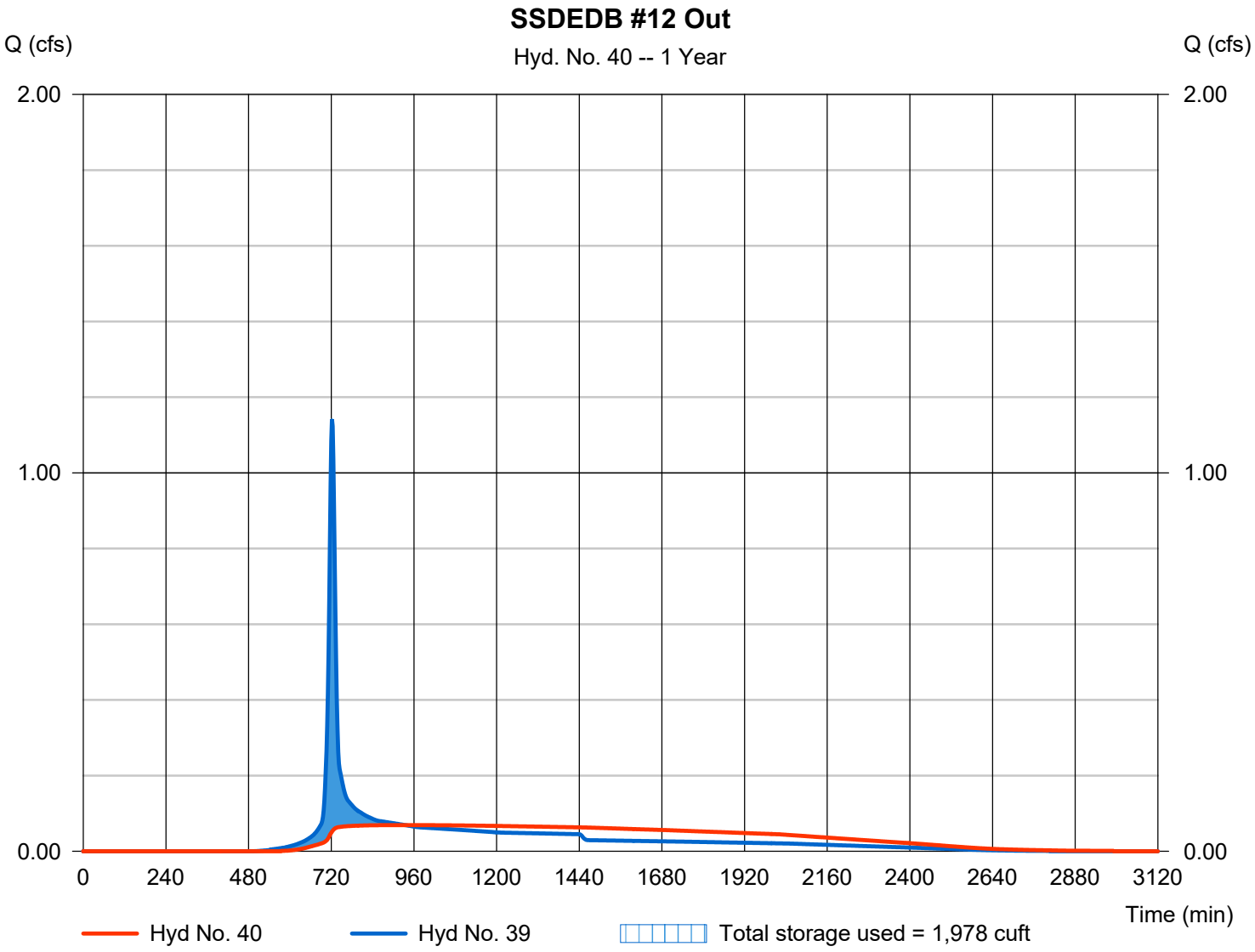
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.069 cfs
Storm frequency	=	1 yrs	Time to peak	=	934 min
Time interval	=	2 min	Hyd. volume	=	5,893 cuft
Inflow hyd. No.	=	39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	=	415.29 ft
Reservoir name	=	SSDEDB #12	Max. Storage	=	1,978 cuft

Storage Indication method used.



Hydrograph Report

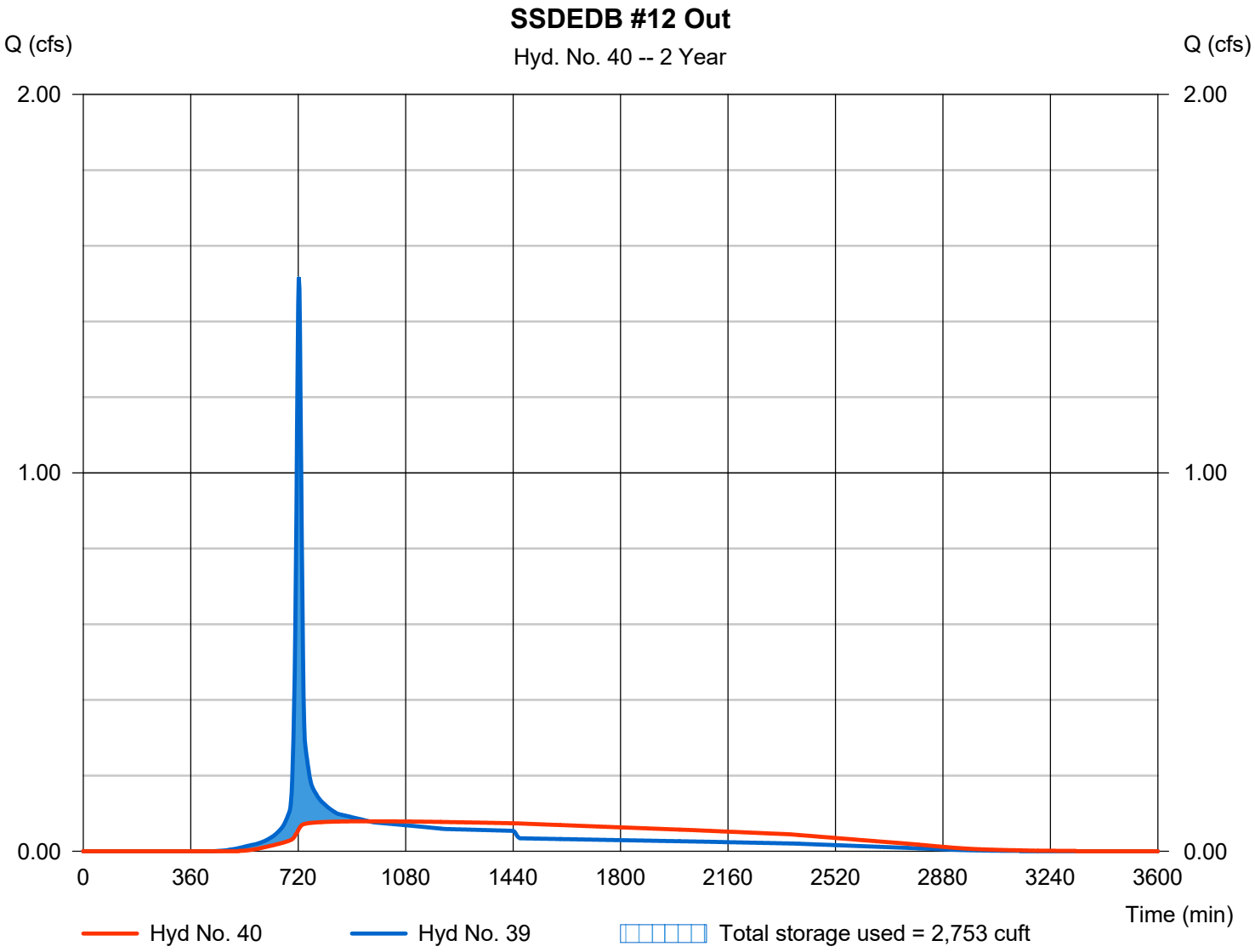
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.079 cfs
Storm frequency	=	2 yrs	Time to peak	=	956 min
Time interval	=	2 min	Hyd. volume	=	7,825 cuft
Inflow hyd. No.	=	39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	=	415.72 ft
Reservoir name	=	SSDEDB #12	Max. Storage	=	2,753 cuft

Storage Indication method used.



Hydrograph Report

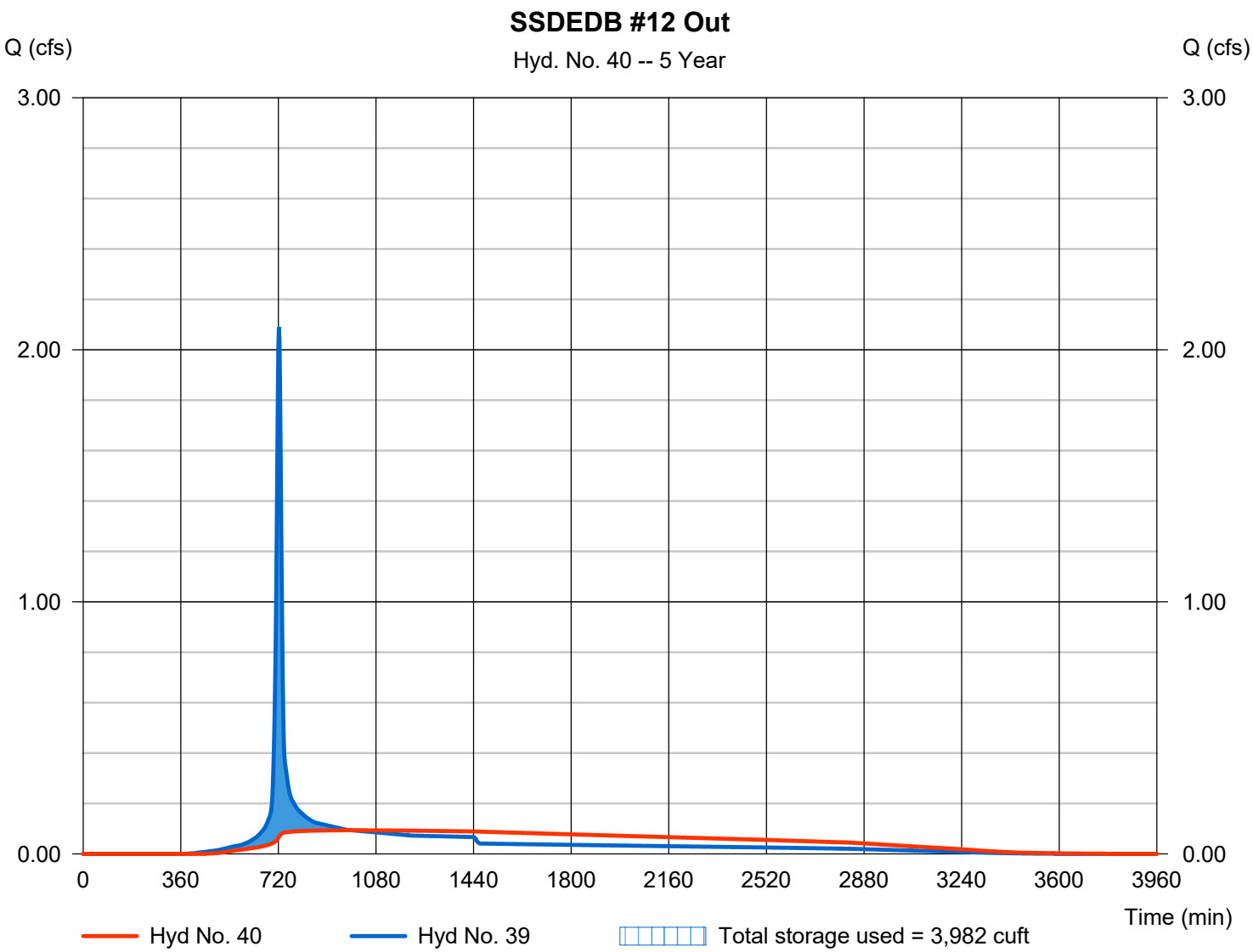
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.094 cfs
Storm frequency	= 5 yrs	Time to peak	= 992 min
Time interval	= 2 min	Hyd. volume	= 10,819 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	= 416.45 ft
Reservoir name	= SSDEDB #12	Max. Storage	= 3,982 cuft

Storage Indication method used.



Hydrograph Report

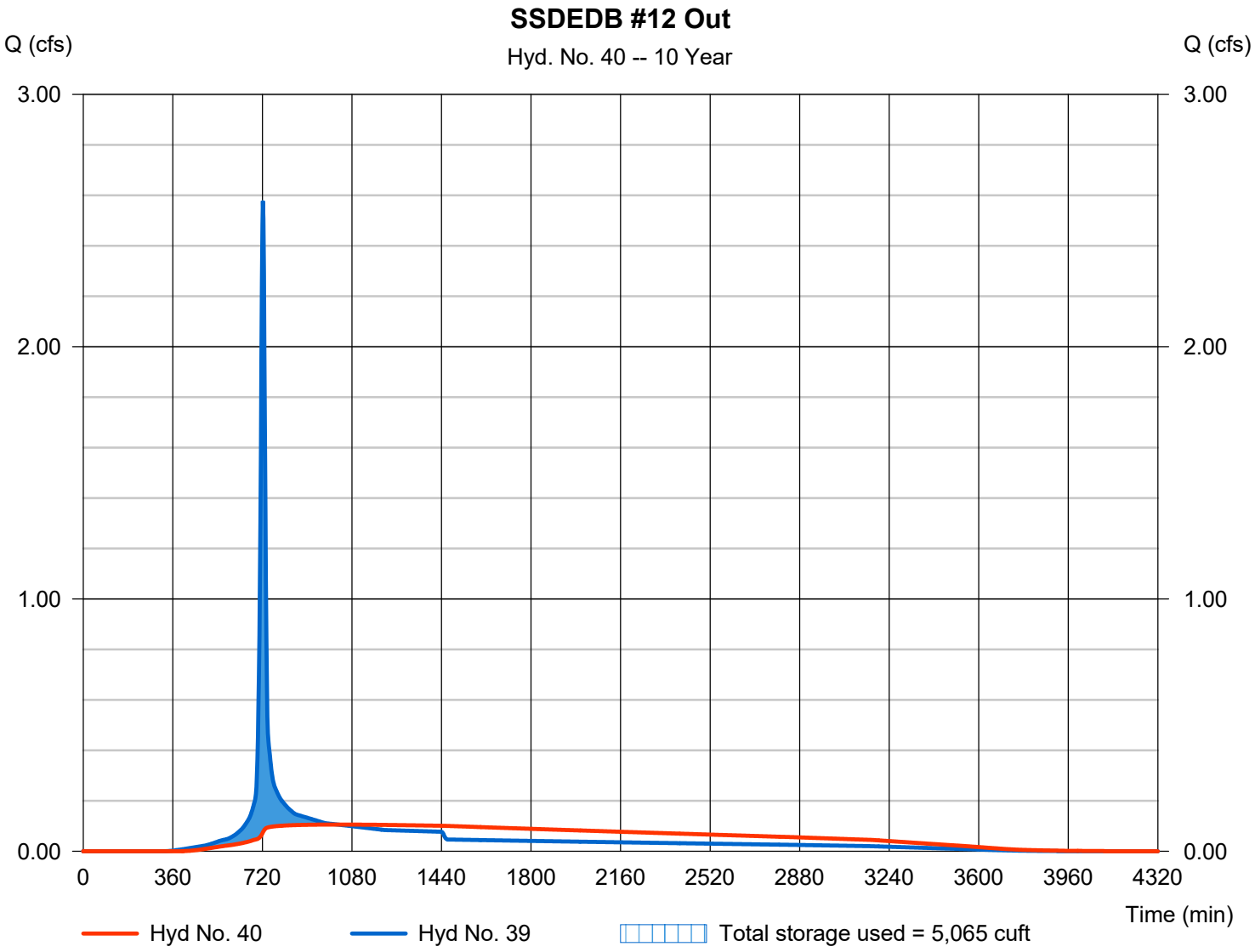
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.106 cfs
Storm frequency	= 10 yrs	Time to peak	= 1024 min
Time interval	= 2 min	Hyd. volume	= 13,407 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	= 417.15 ft
Reservoir name	= SSDEDB #12	Max. Storage	= 5,065 cuft

Storage Indication method used.



Hydrograph Report

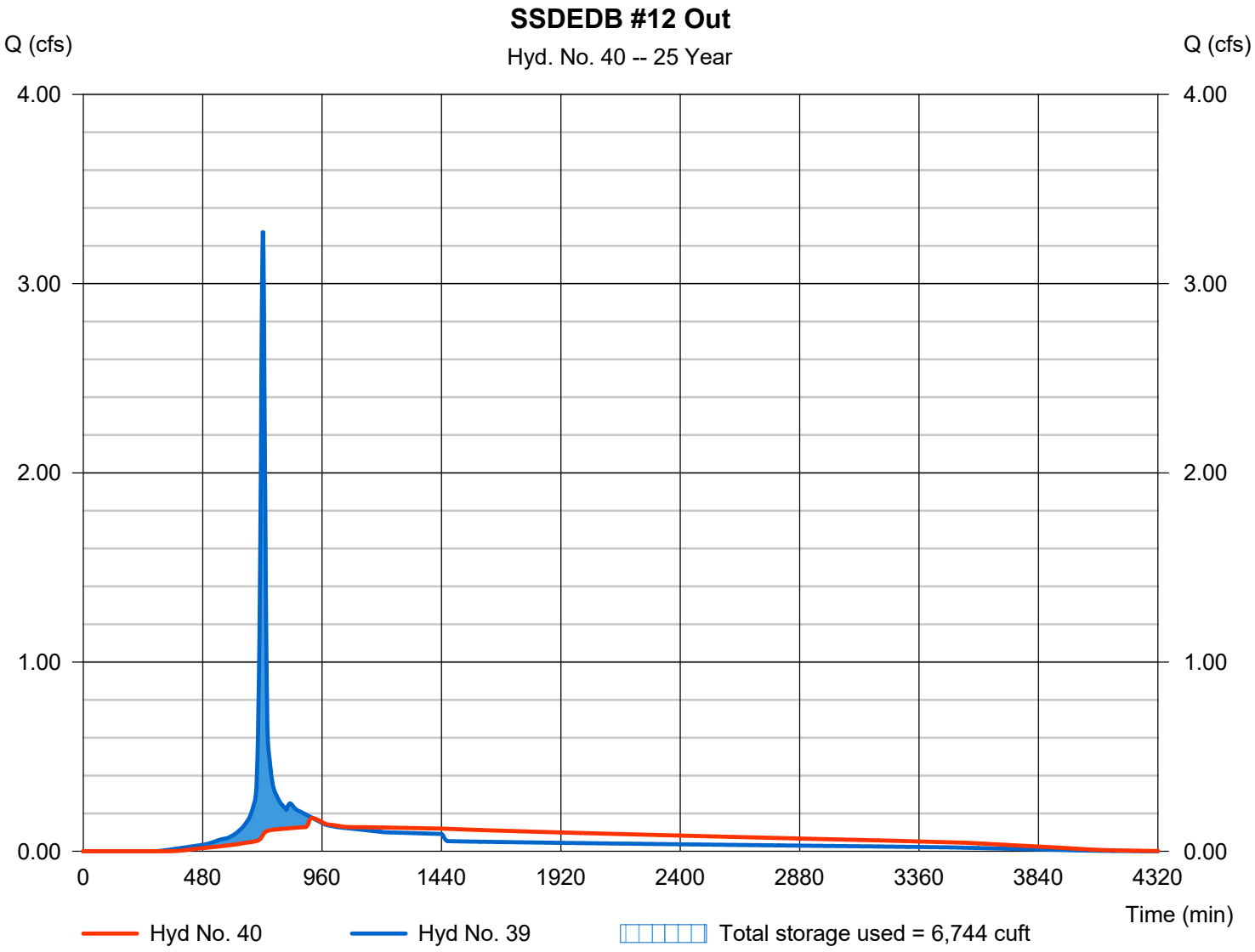
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.176 cfs
Storm frequency	= 25 yrs	Time to peak	= 922 min
Time interval	= 2 min	Hyd. volume	= 17,190 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	= 418.69 ft
Reservoir name	= SSDEDB #12	Max. Storage	= 6,744 cuft

Storage Indication method used.



Hydrograph Report

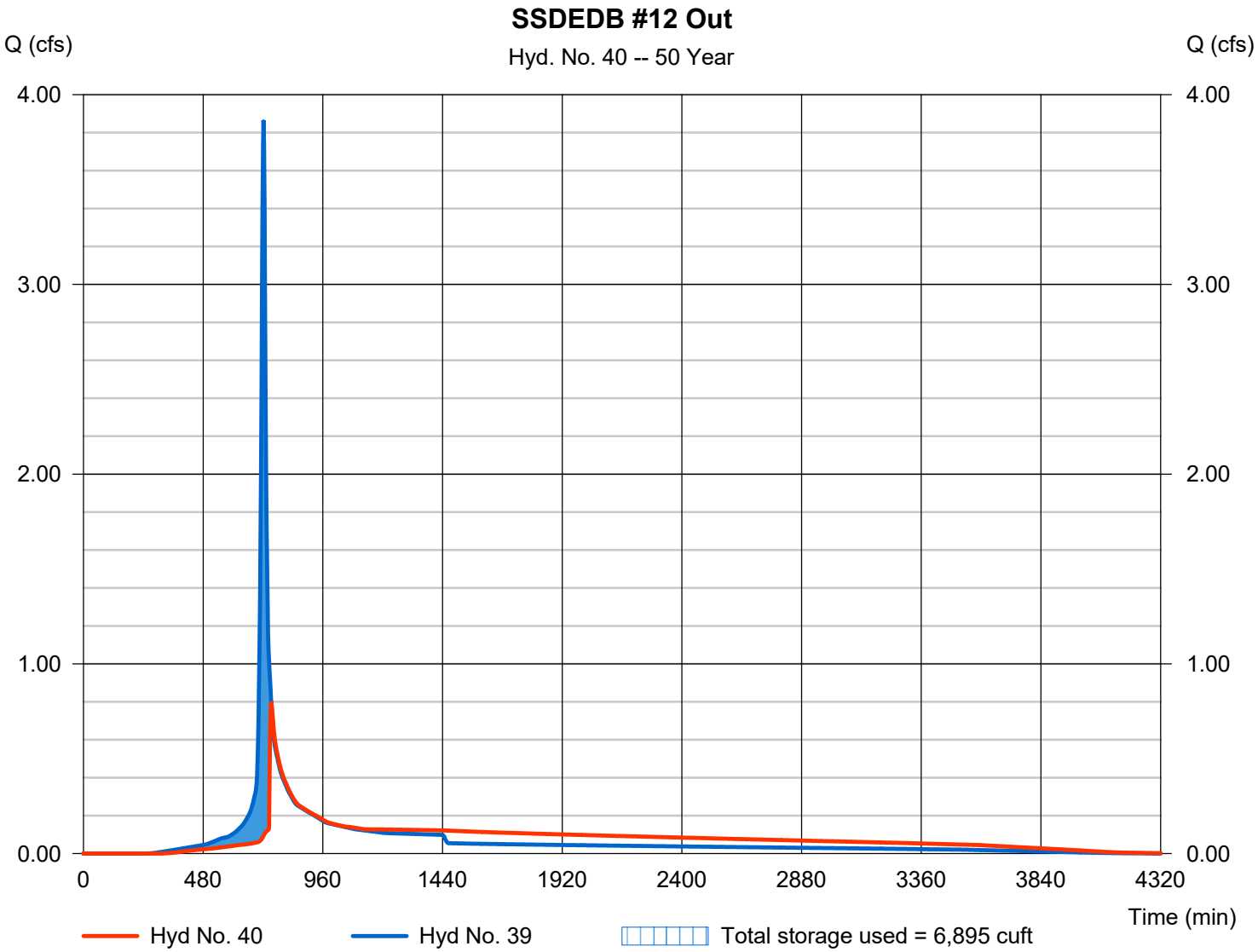
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.791 cfs
Storm frequency	= 50 yrs	Time to peak	= 754 min
Time interval	= 2 min	Hyd. volume	= 20,405 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	= 418.87 ft
Reservoir name	= SSDEDB #12	Max. Storage	= 6,895 cuft

Storage Indication method used.



Hydrograph Report

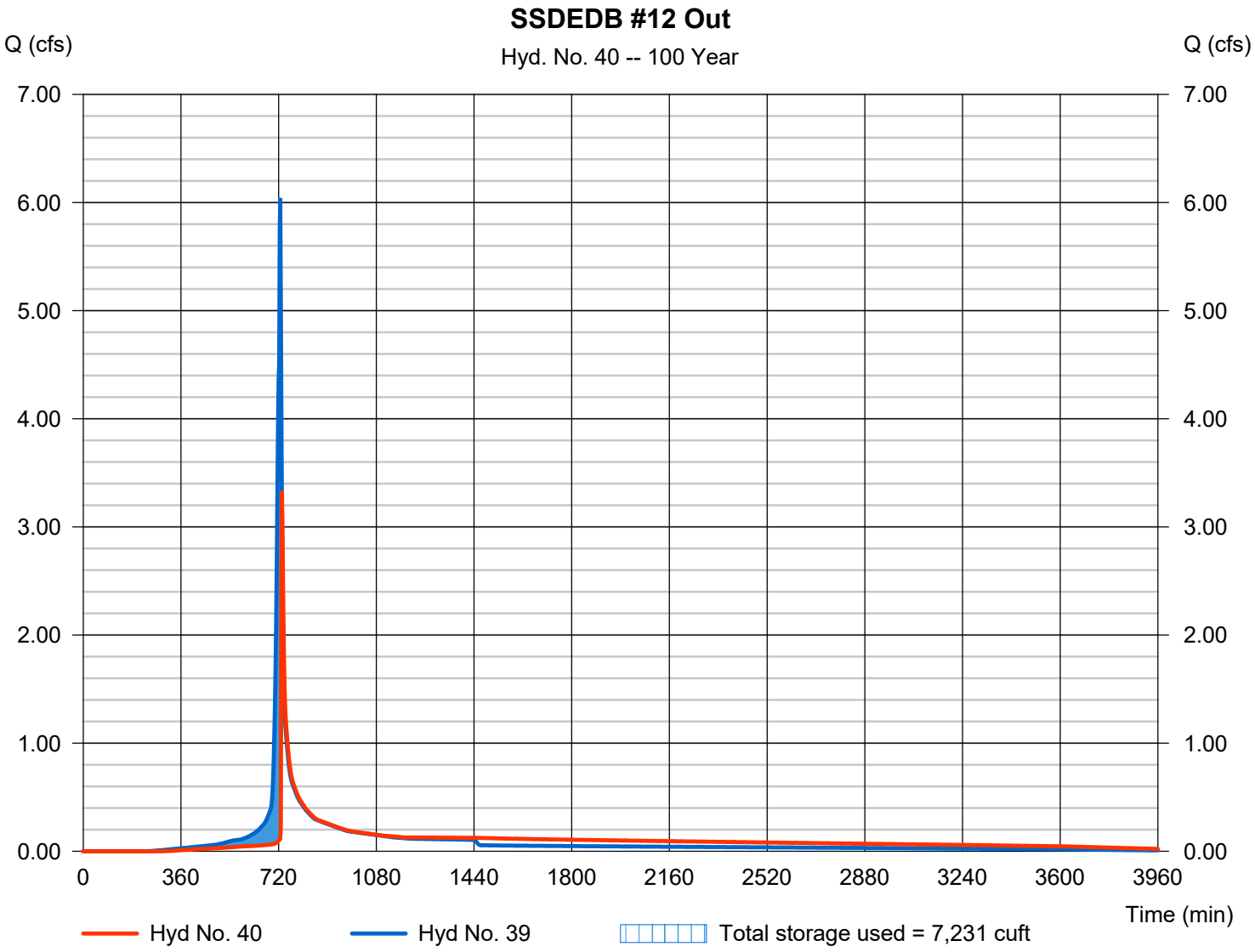
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 3.332 cfs
Storm frequency	= 100 yrs	Time to peak	= 732 min
Time interval	= 2 min	Hyd. volume	= 23,922 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out + SSDEDB #12 In	Max. Elevation	= 419.27 ft
Reservoir name	= SSDEDB #12	Max. Storage	= 7,231 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #13

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.28	61
IMPERVIOUS	0.52	98

TOTAL 0.80

TR55 Tc Worksheet

Hyd. No. 41

SSDEDB #13 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 14.18**	**+**	**0.00**	**+**	**0.00**	**=**	**14.18**
Shallow Concentrated Flow							
Flow length (ft)	= 76.00		70.00		0.00		
Watercourse slope (%)	= 2.00		11.40		0.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=2.28		5.45		0.00		
Travel Time (min)	**= 0.56**	**+**	**0.21**	**+**	**0.00**	**=**	**0.77**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 15.00 min

Hydrograph Report

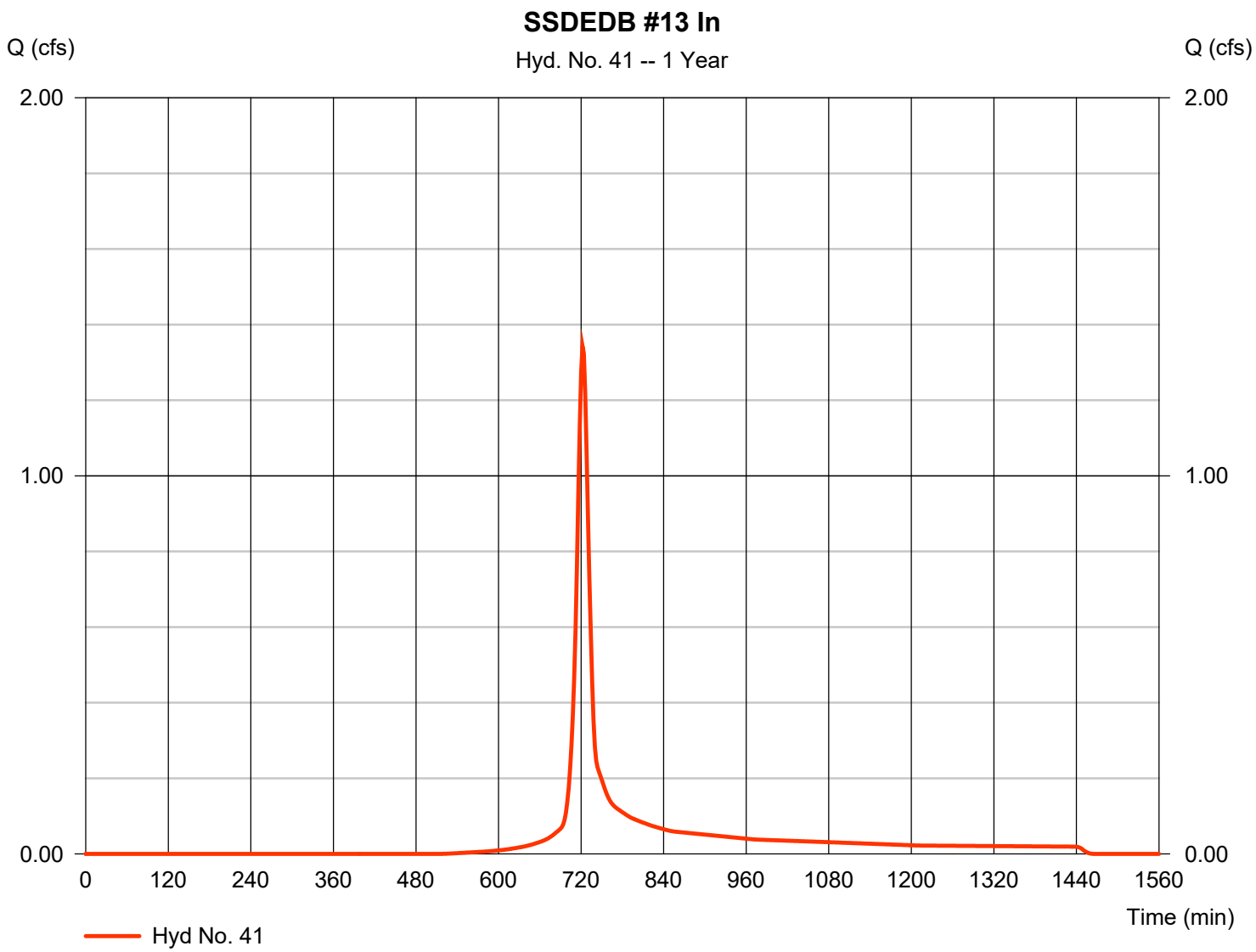
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.343 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 3,770 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

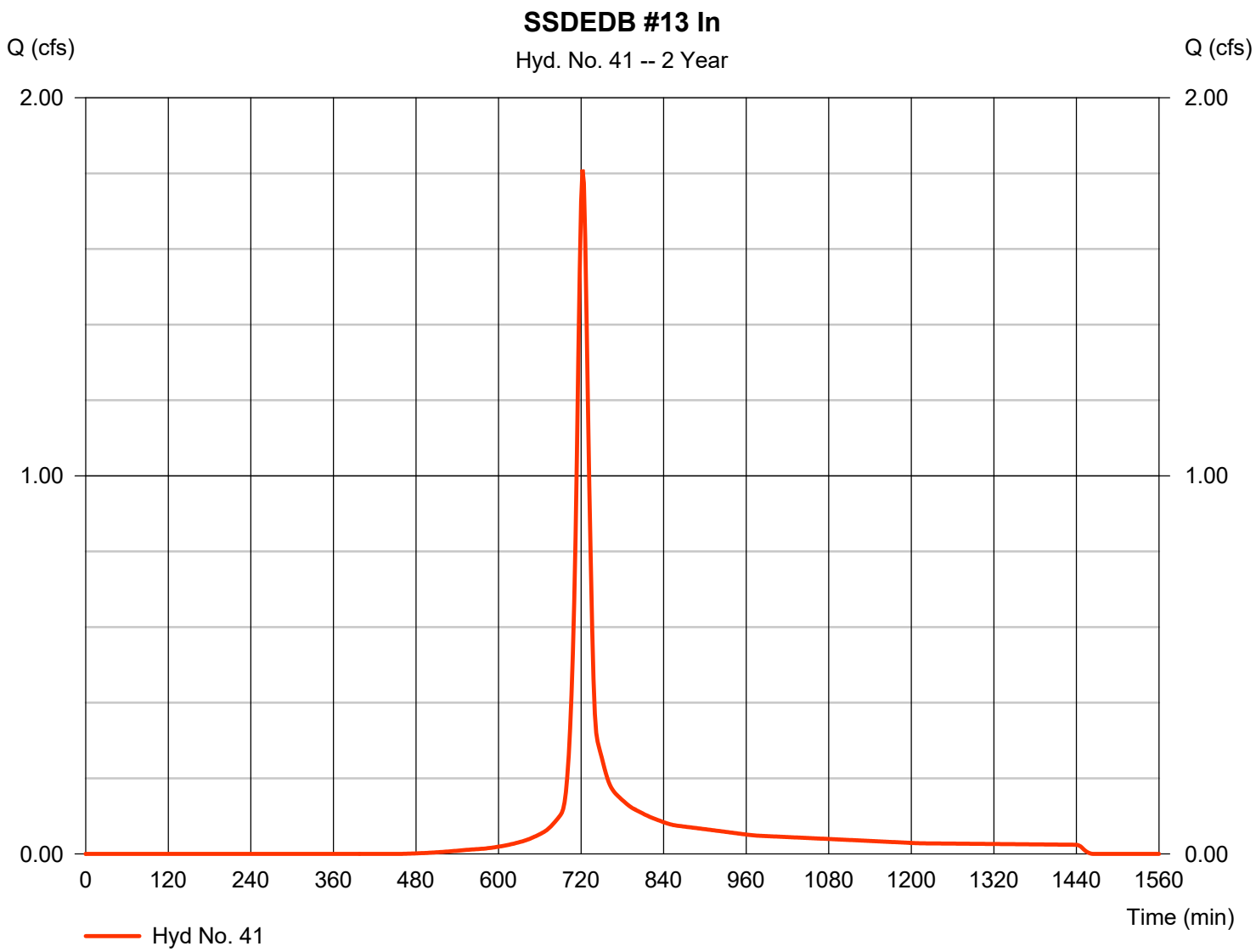
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.810 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 5,073 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

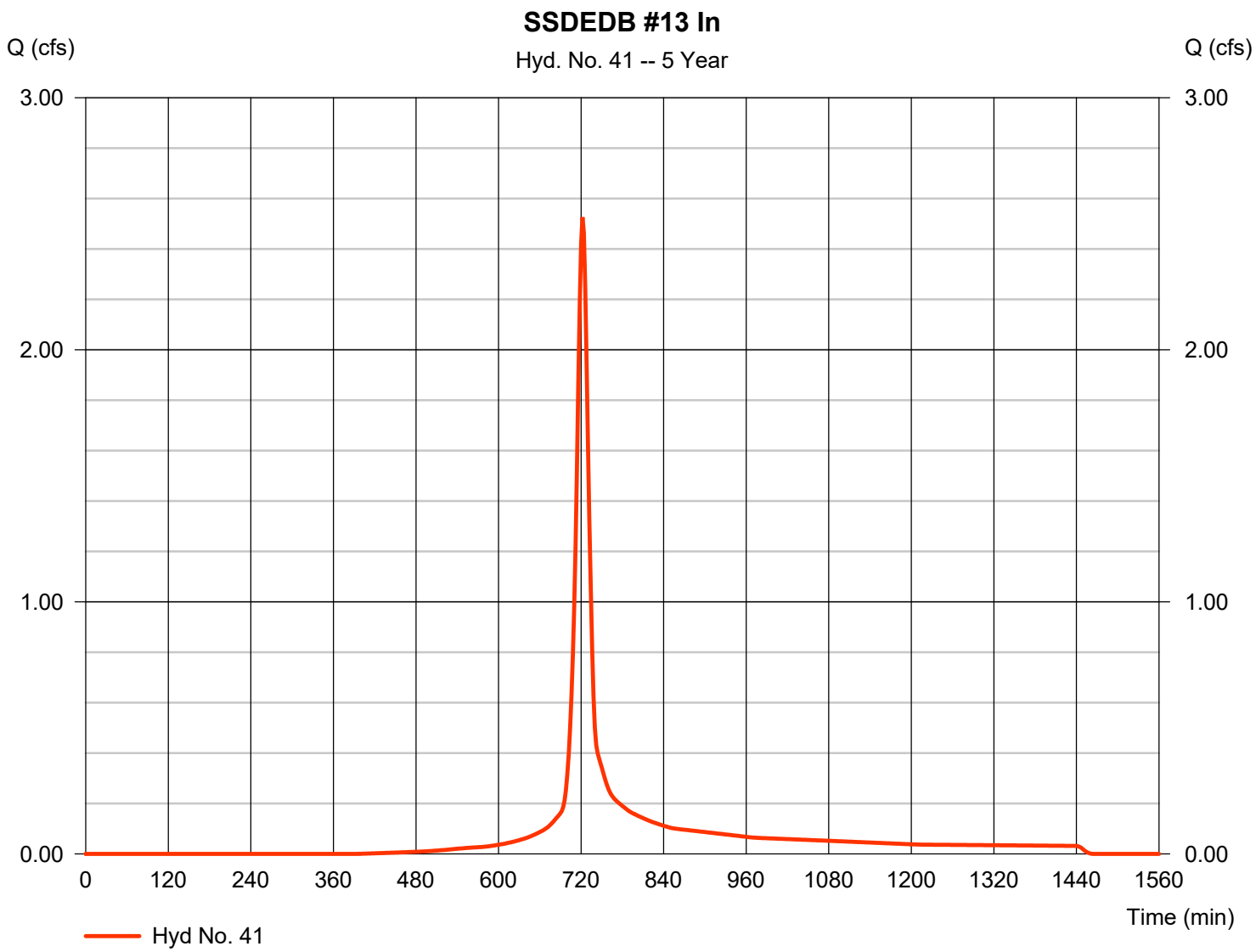
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.526 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 7,111 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

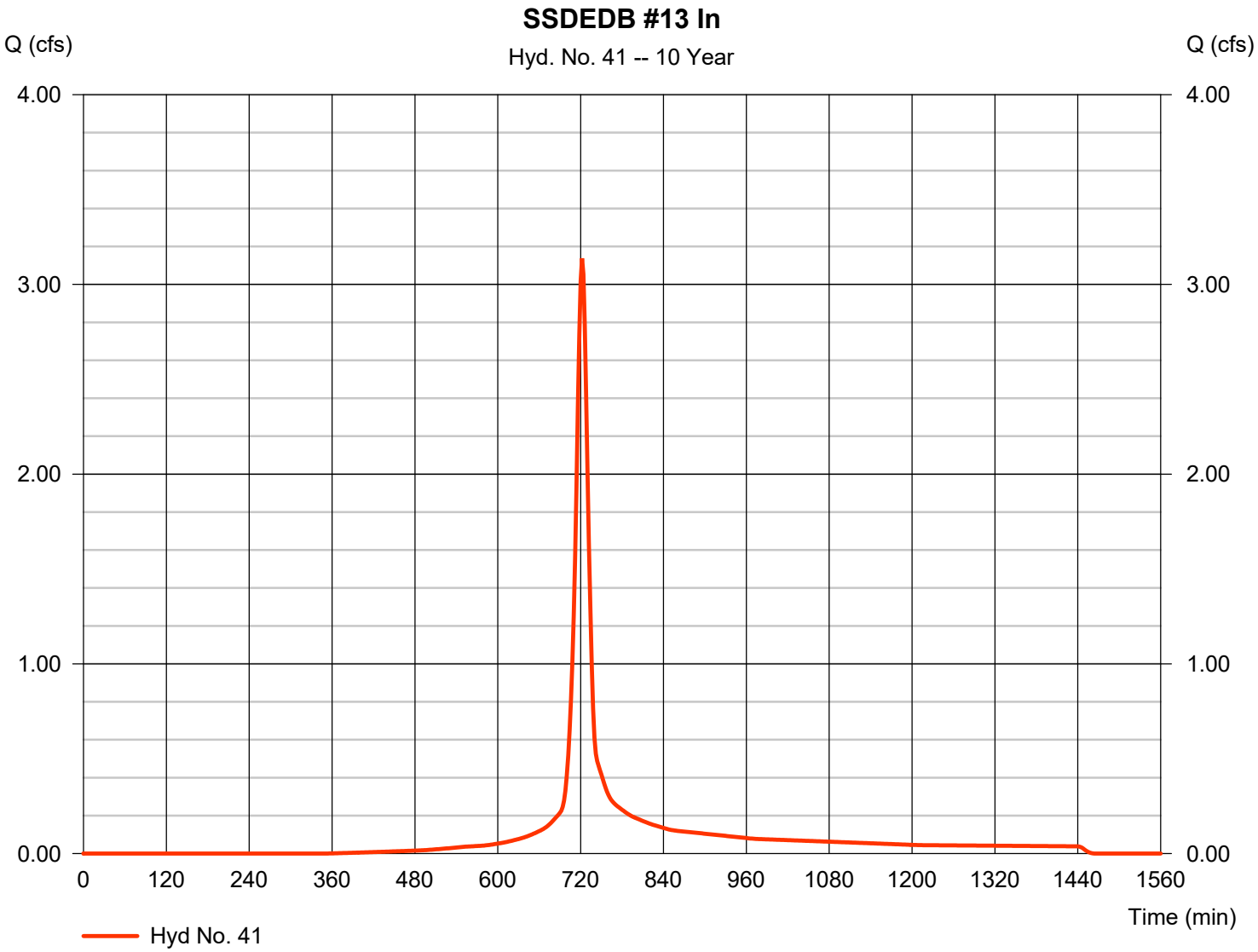
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.138 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 8,884 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

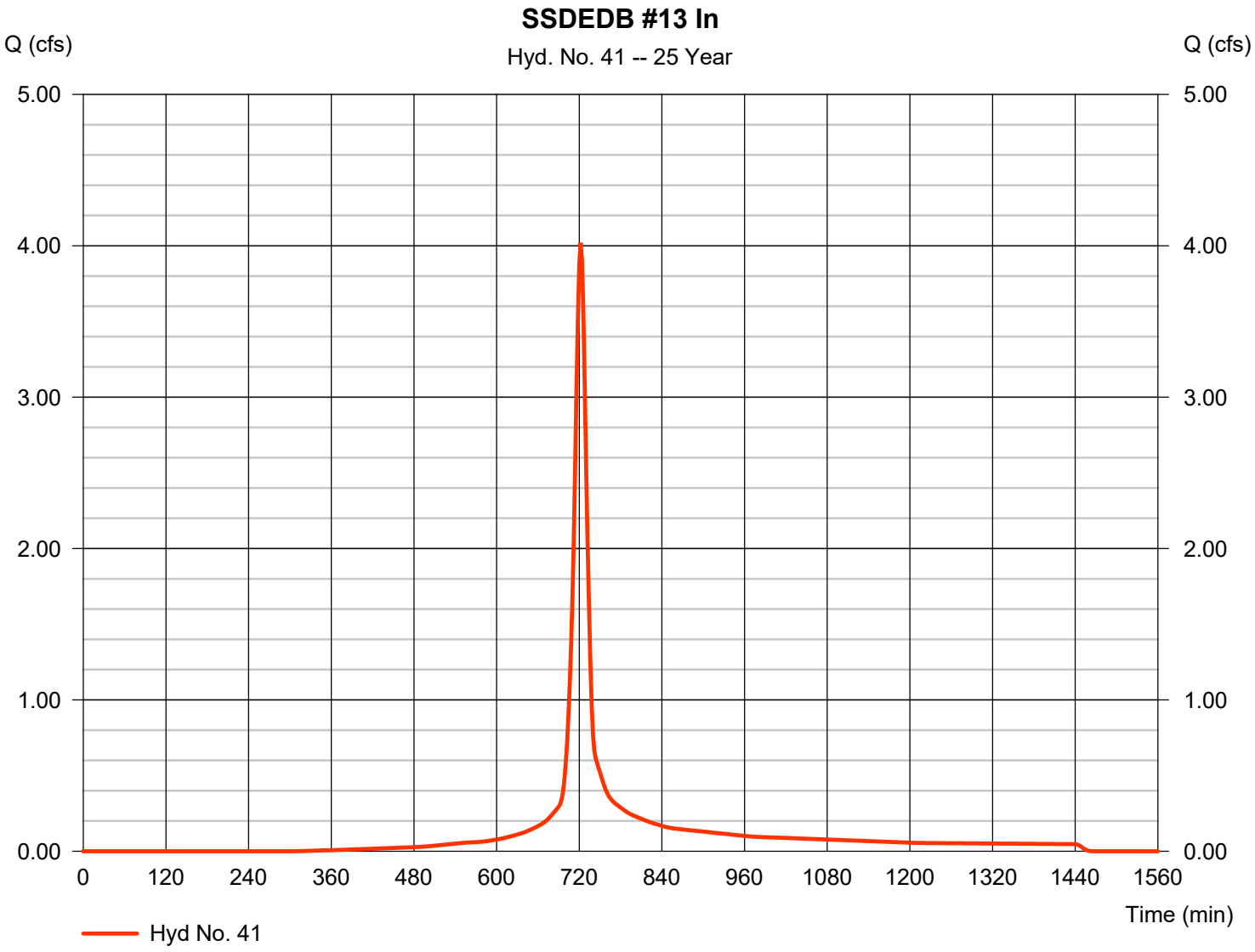
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.020 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 11,489 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

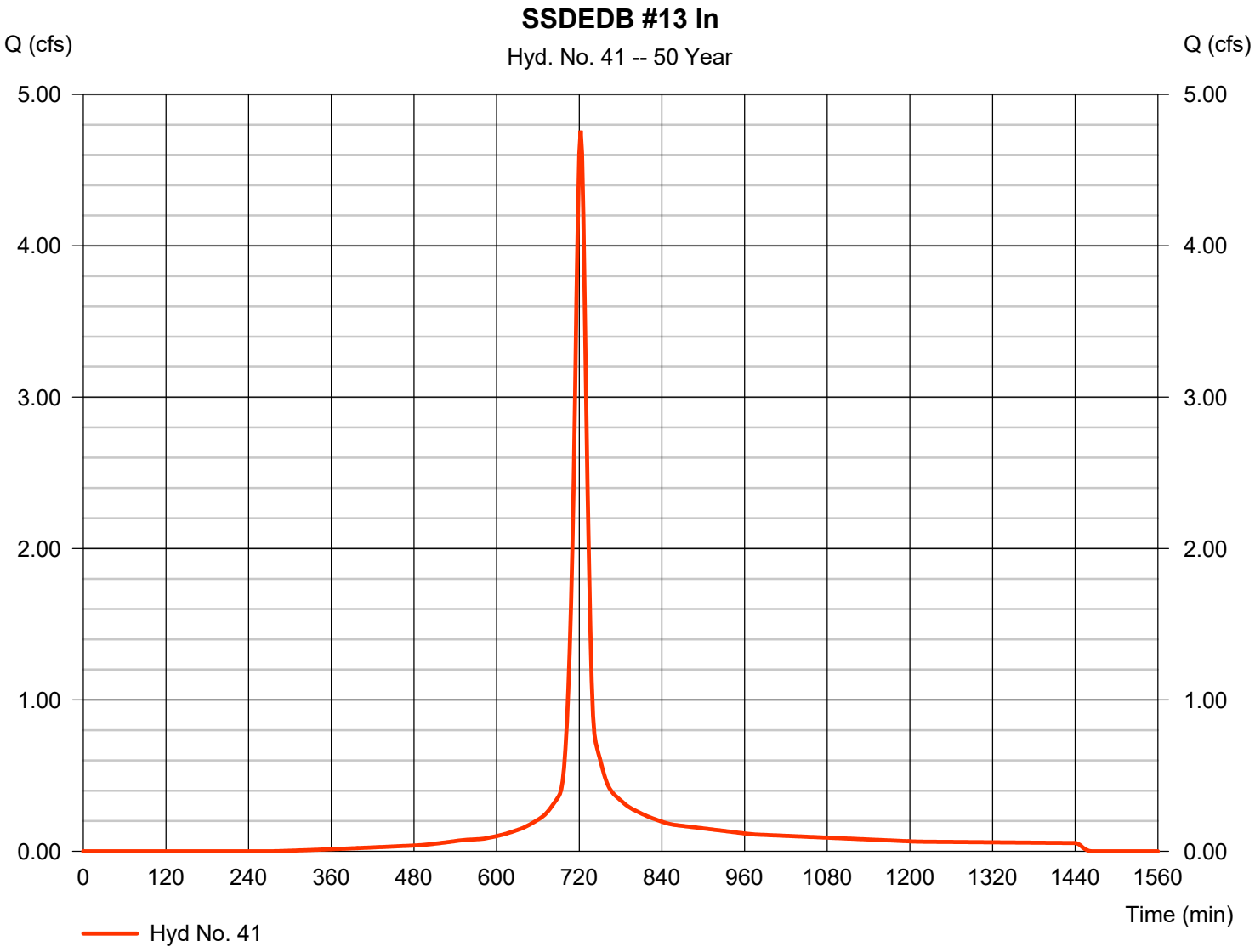
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.760 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,711 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



Hydrograph Report

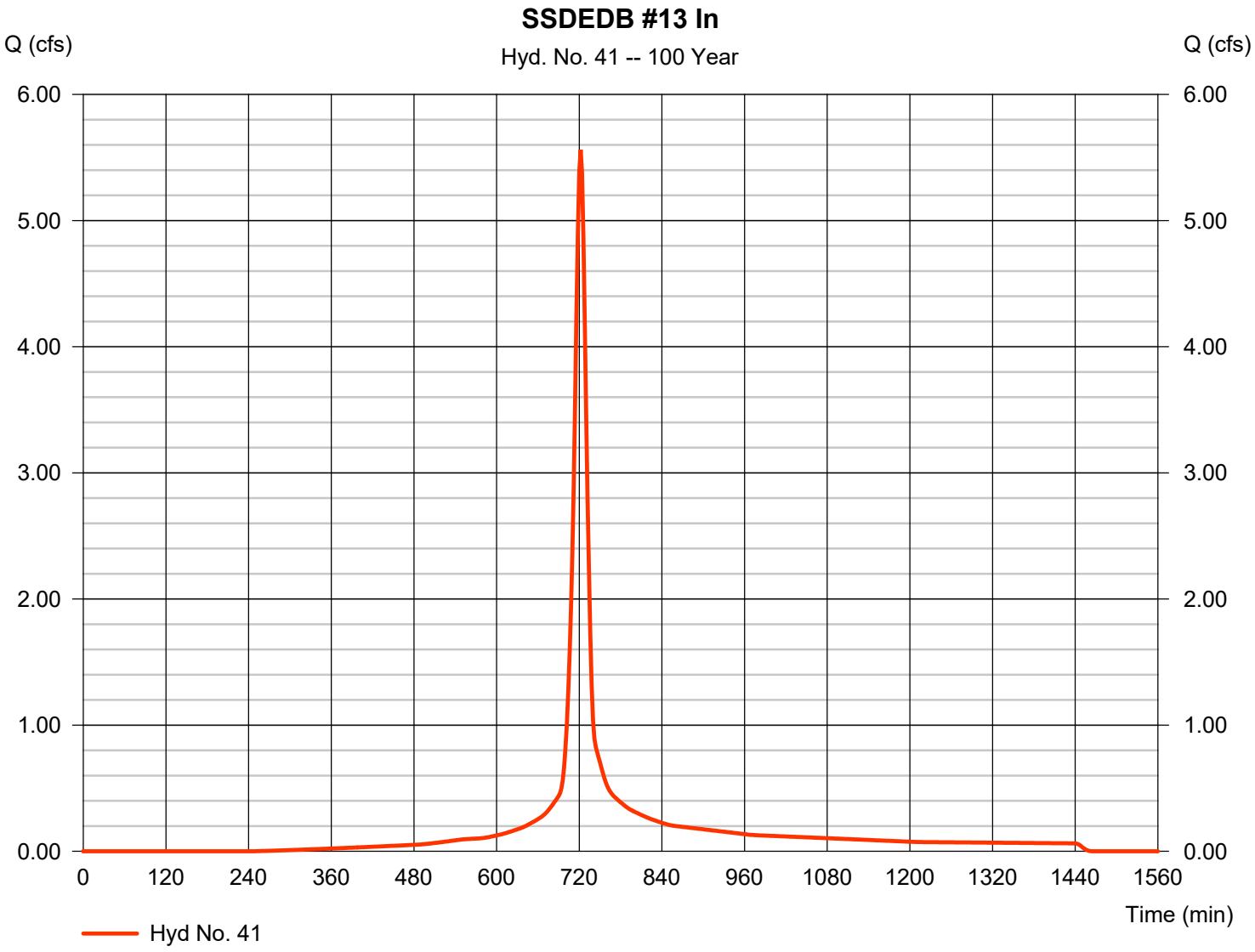
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 41

SSDEDB #13 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.562 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 16,147 cuft
Drainage area	= 0.800 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.280 x 61) + (0.520 x 98)] / 0.800



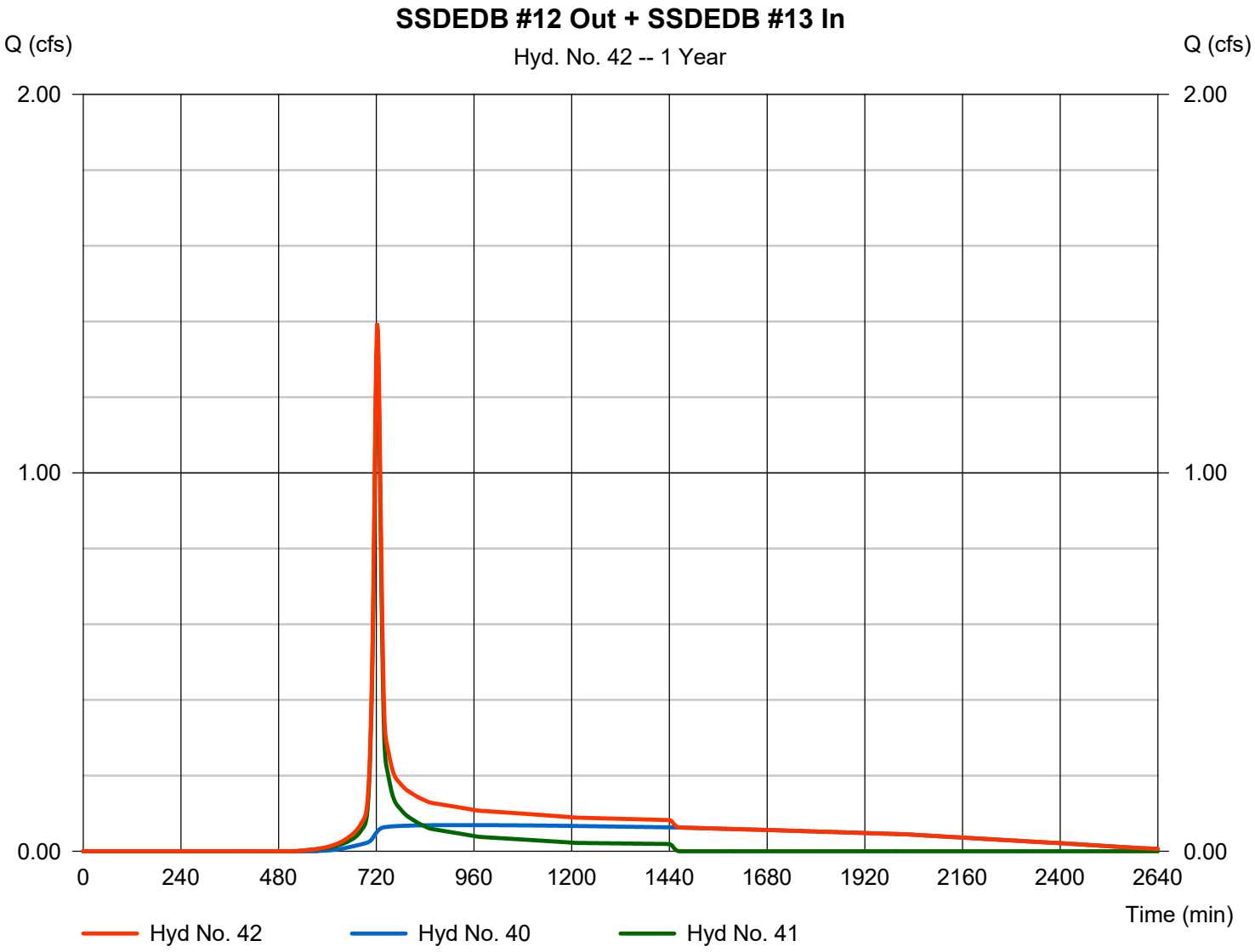
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 1.395 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,664 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



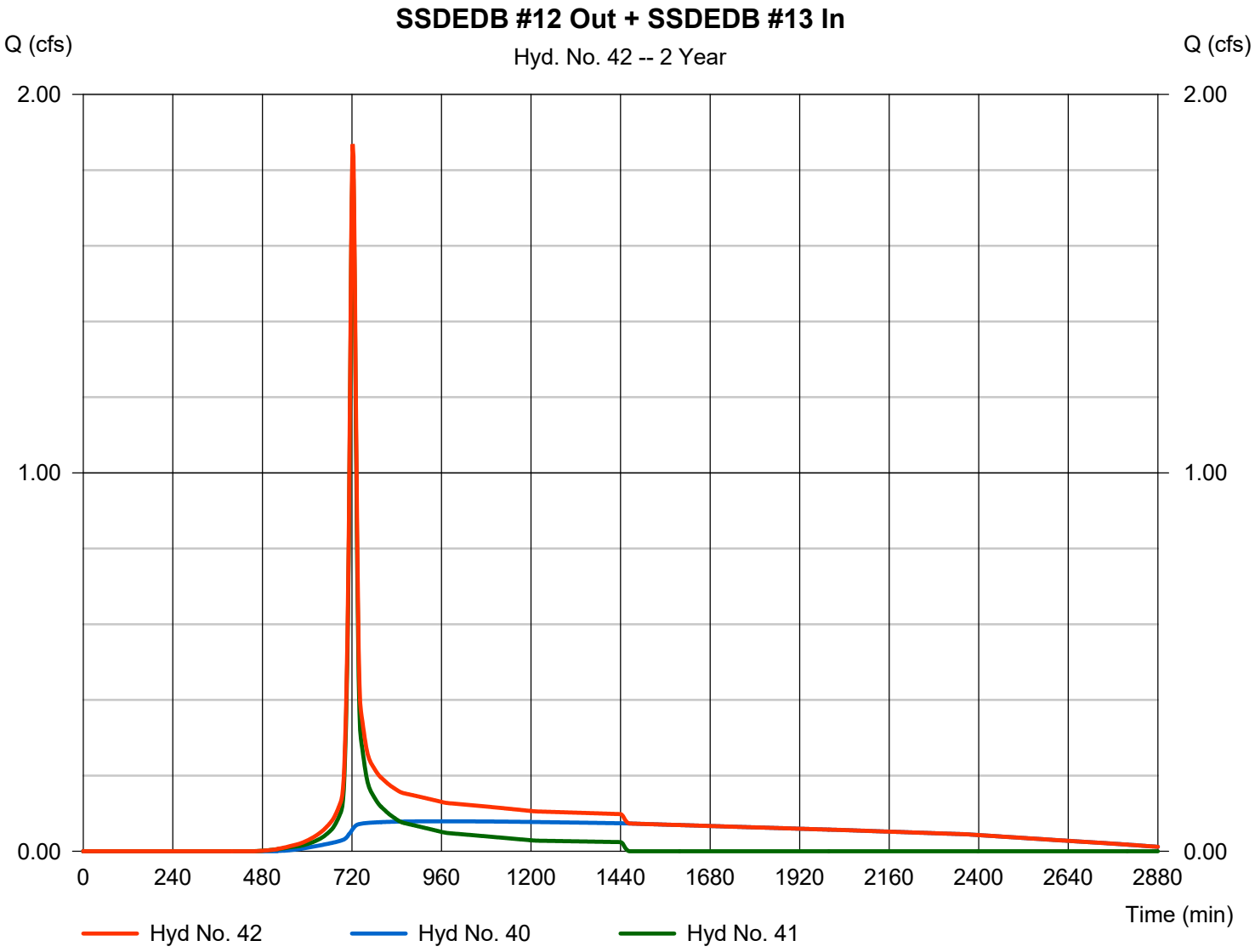
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 1.868 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 12,899 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



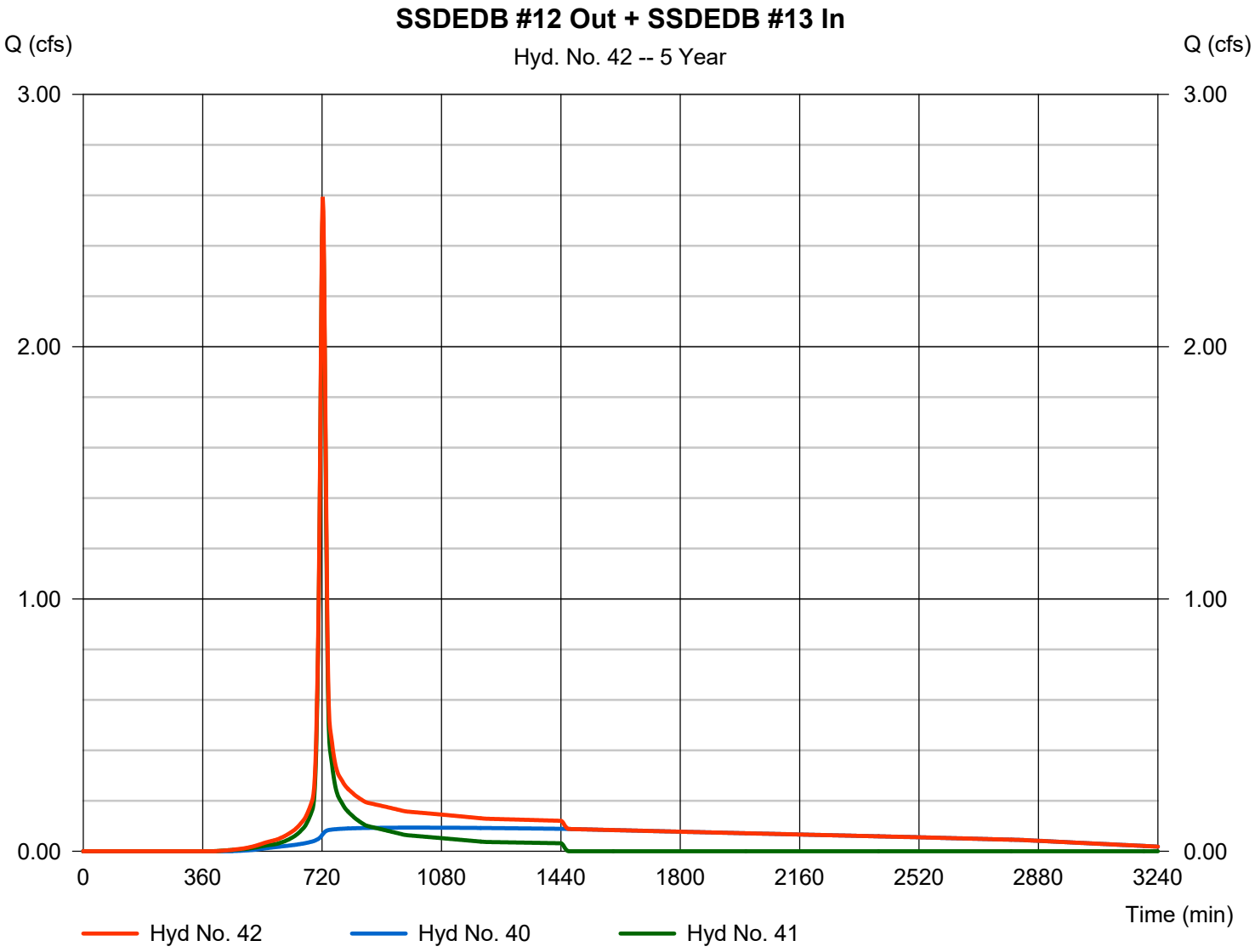
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 2.594 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 17,930 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



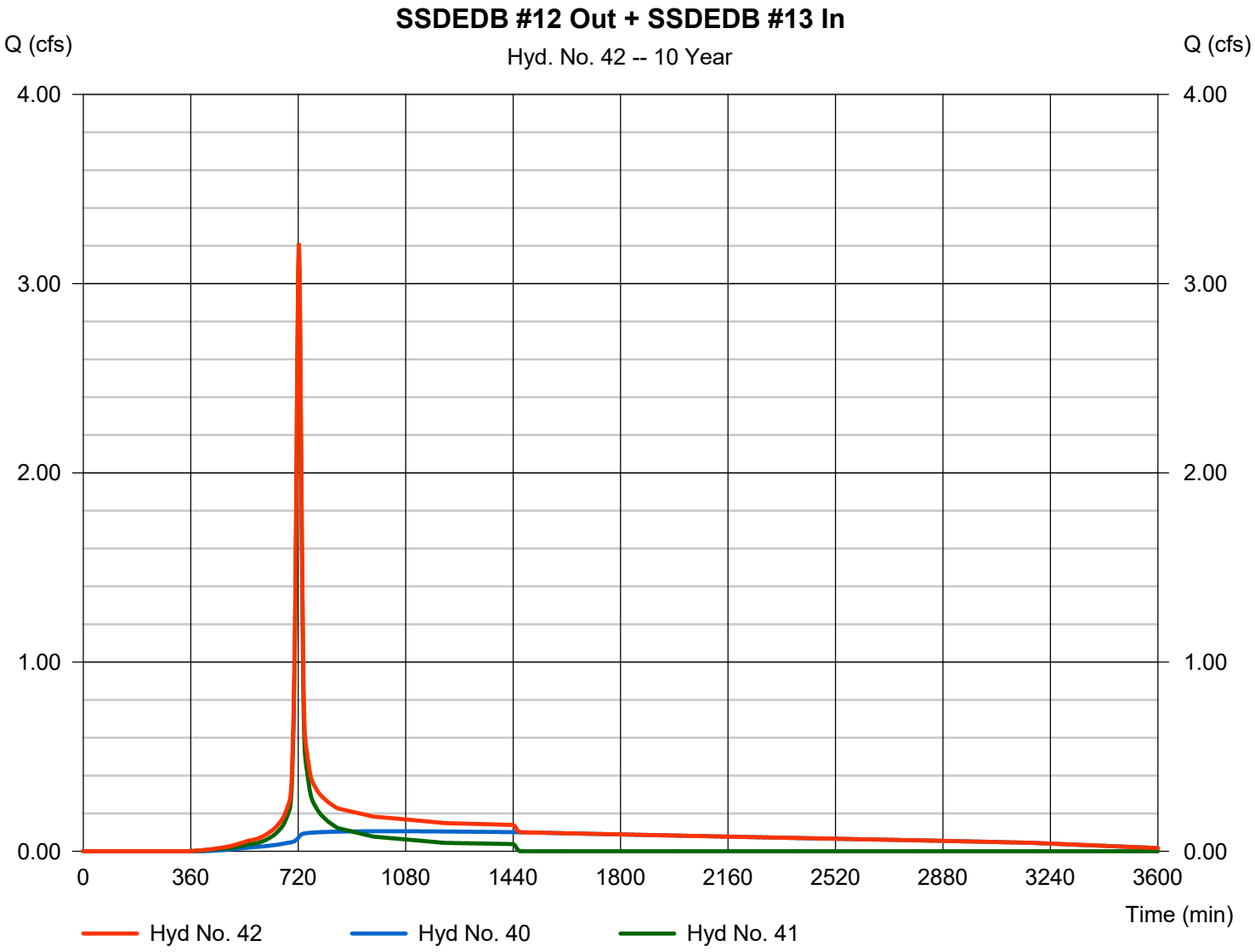
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 3.213 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 22,291 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



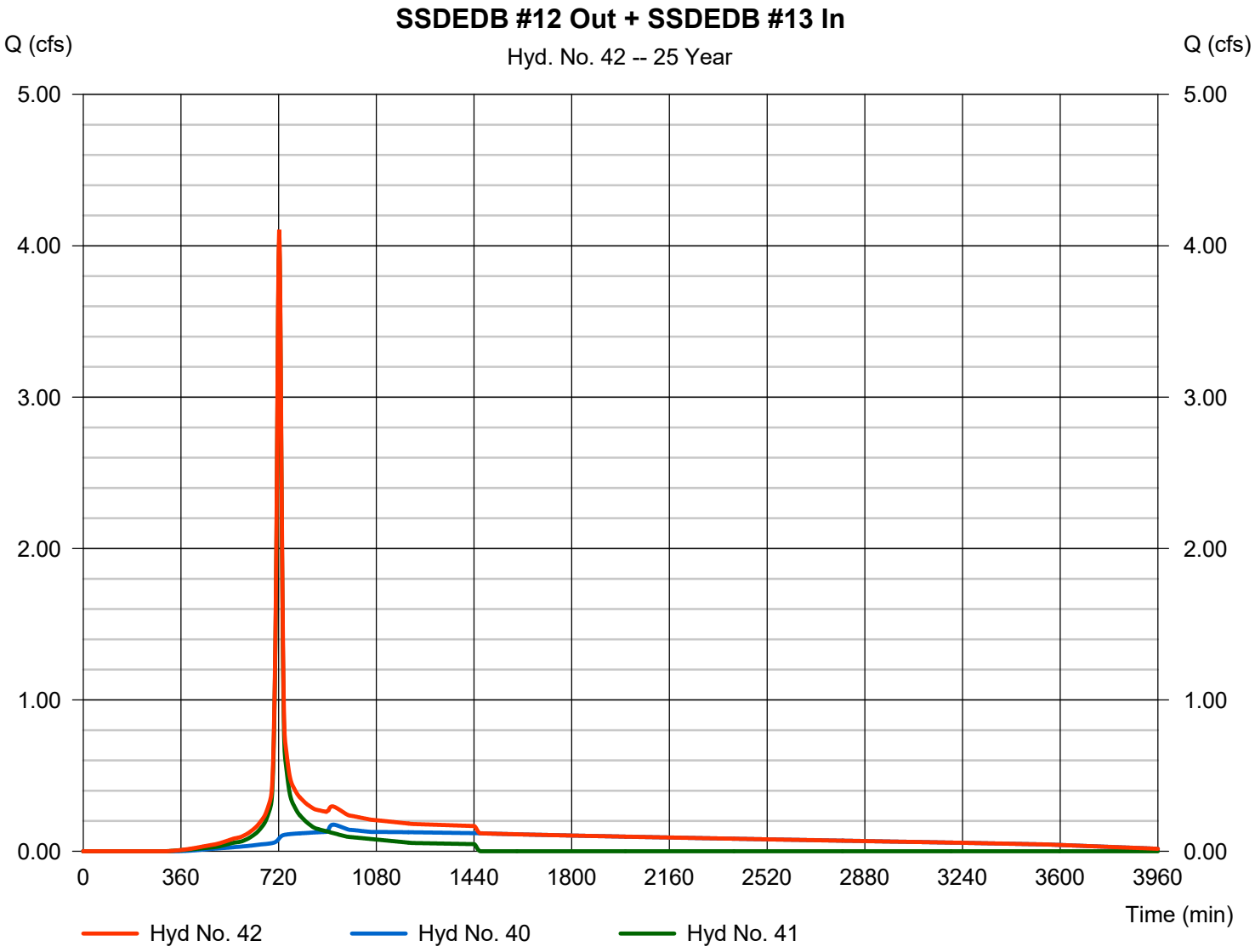
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 4.105 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 28,679 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



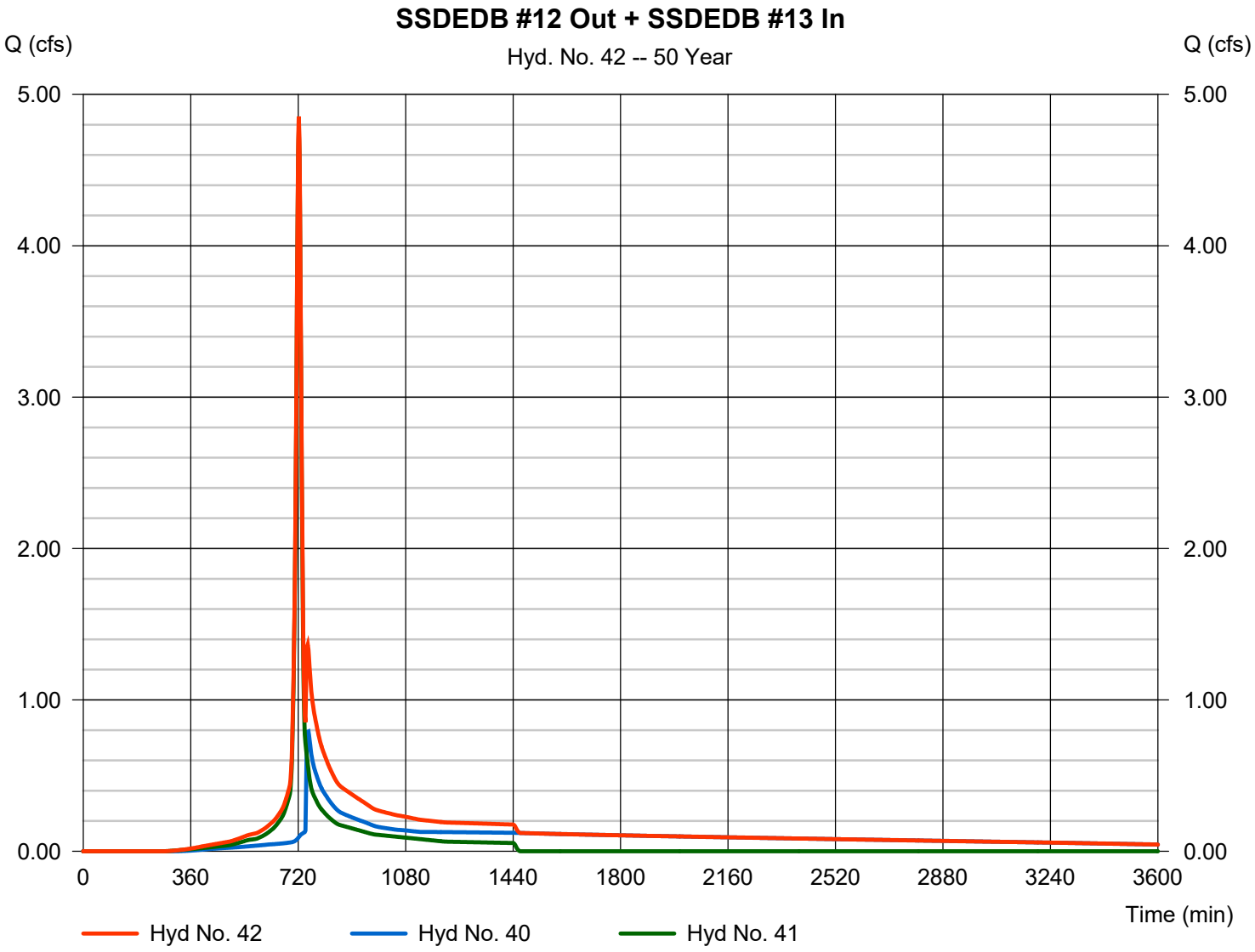
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 4.854 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 34,116 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



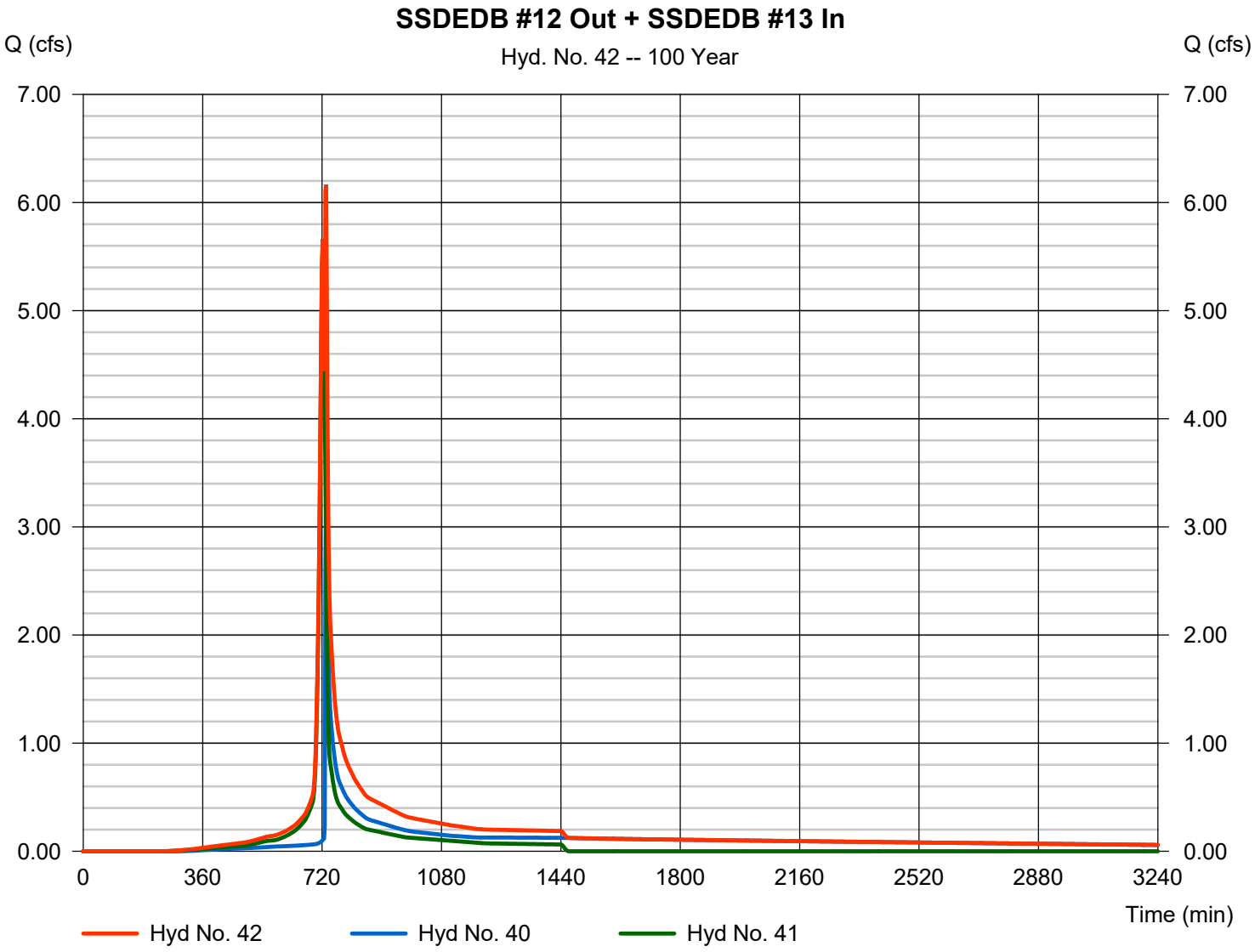
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 42

SSDEDB #12 Out + SSDEDB #13 In

Hydrograph type	= Combine	Peak discharge	= 6.166 cfs
Storm frequency	= 100 yrs	Time to peak	= 732 min
Time interval	= 2 min	Hyd. volume	= 40,070 cuft
Inflow hyds.	= 40, 41	Contrib. drain. area	= 0.800 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #13

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	411.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	411.8833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	411.9667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	412.0500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	412.1333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	412.2167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	412.3000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	412.3833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	412.4667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	412.5500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	412.6333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	412.7167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	412.8000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	412.8833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	412.9667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	413.0500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	413.1333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	413.2167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	413.3000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	413.3833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	413.4667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	413.5500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	413.6333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	413.7167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	413.8000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	413.8833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	413.9667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	414.0500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	414.1333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	414.2167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	414.3000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	414.3833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	414.4667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	414.5500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	414.6333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	414.7167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	414.8000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	414.8833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	414.9667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	415.0500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	415.1333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	415.2167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	415.3000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	415.3833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	415.4667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	415.5500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	415.6333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	415.7167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	415.8000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	415.8833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	415.9667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	416.0500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	416.1333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	416.2167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	416.3000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	416.3833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	416.4667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	416.5500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	416.6333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	416.7167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	416.8000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	416.8833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	416.9667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	417.0500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	417.1333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	417.2167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	417.3000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 13 - SSDEDB #13

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	411.80	n/a	0	0
0.33	412.13	n/a	281	281
0.67	412.47	n/a	281	562
1.00	412.80	n/a	532	1,093
1.33	413.13	n/a	608	1,702
1.67	413.47	n/a	598	2,299
2.00	413.80	n/a	586	2,886
2.33	414.13	n/a	571	3,457
2.67	414.47	n/a	553	4,010
3.00	414.80	n/a	531	4,541
3.33	415.13	n/a	504	5,045
3.67	415.47	n/a	469	5,514
4.00	415.80	n/a	421	5,935
4.33	416.13	n/a	337	6,273
4.67	416.47	n/a	287	6,559
5.00	416.80	n/a	281	6,840
5.33	417.13	n/a	281	7,121
5.50	417.30	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	0.00	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 411.80	411.80	0.00	0.00
Length (ft)	= 74.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 416.35	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	411.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	412.13	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	562	412.47	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	1,093	412.80	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,702	413.13	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	2,299	413.47	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,886	413.80	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	3,457	414.13	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	4,010	414.47	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	4,541	414.80	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	5,045	415.13	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	5,514	415.47	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	5,935	415.80	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	6,273	416.13	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	6,559	416.47	0.48 ic	0.22 ic	---	---	0.26	---	---	---	---	---	0.483
5.00	6,840	416.80	2.22 ic	0.22 ic	---	---	2.01	---	---	---	---	---	2.224
5.33	7,121	417.13	4.82 ic	0.21 ic	---	---	4.61	---	---	---	---	---	4.824
5.50	7,261	417.30	6.37 ic	0.20 ic	---	---	6.17	---	---	---	---	---	6.369

Hydrograph Report

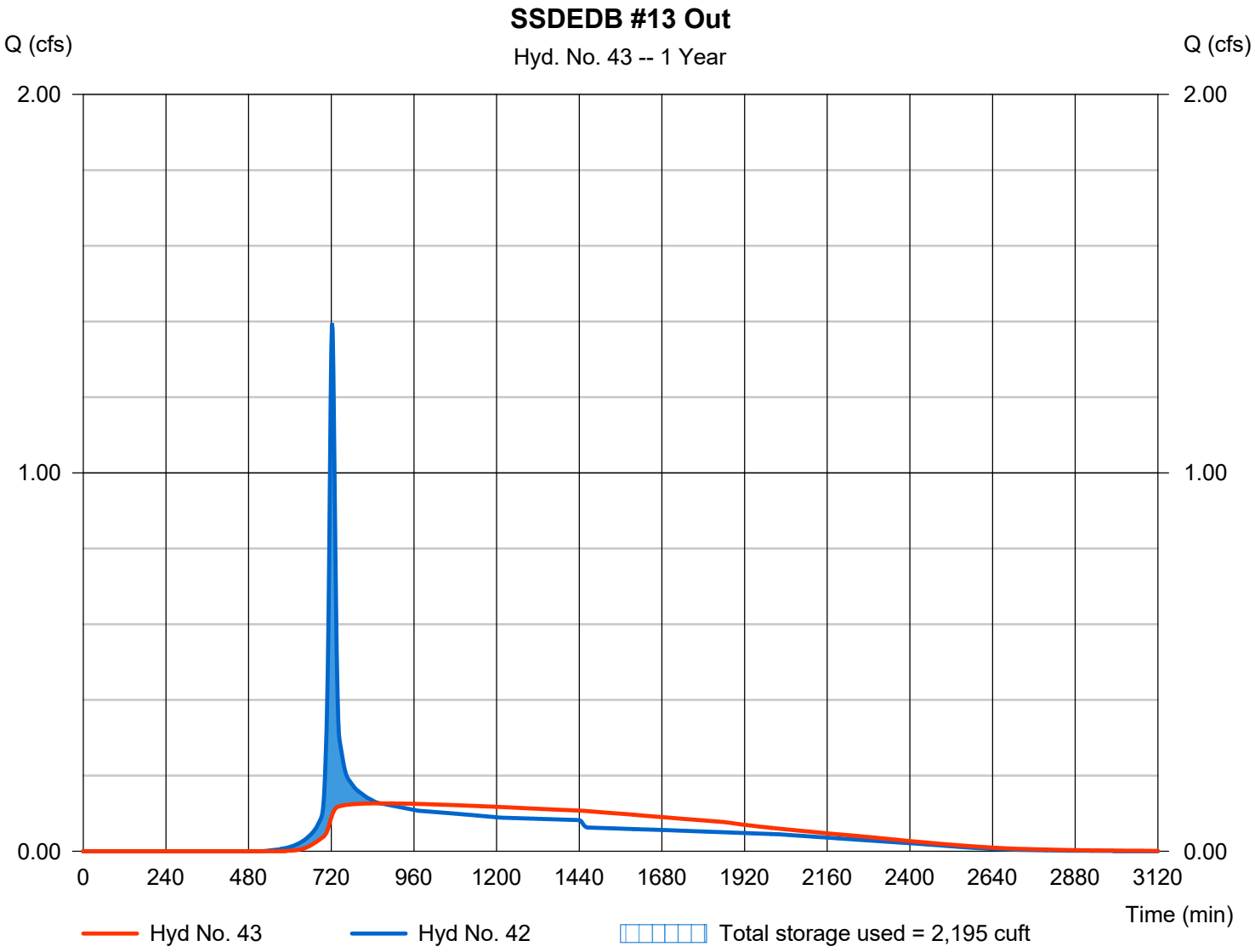
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.127 cfs
Storm frequency	= 1 yrs	Time to peak	= 862 min
Time interval	= 2 min	Hyd. volume	= 9,649 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	= 413.41 ft
Reservoir name	= SSDEDB #13	Max. Storage	= 2,195 cuft

Storage Indication method used.



Hydrograph Report

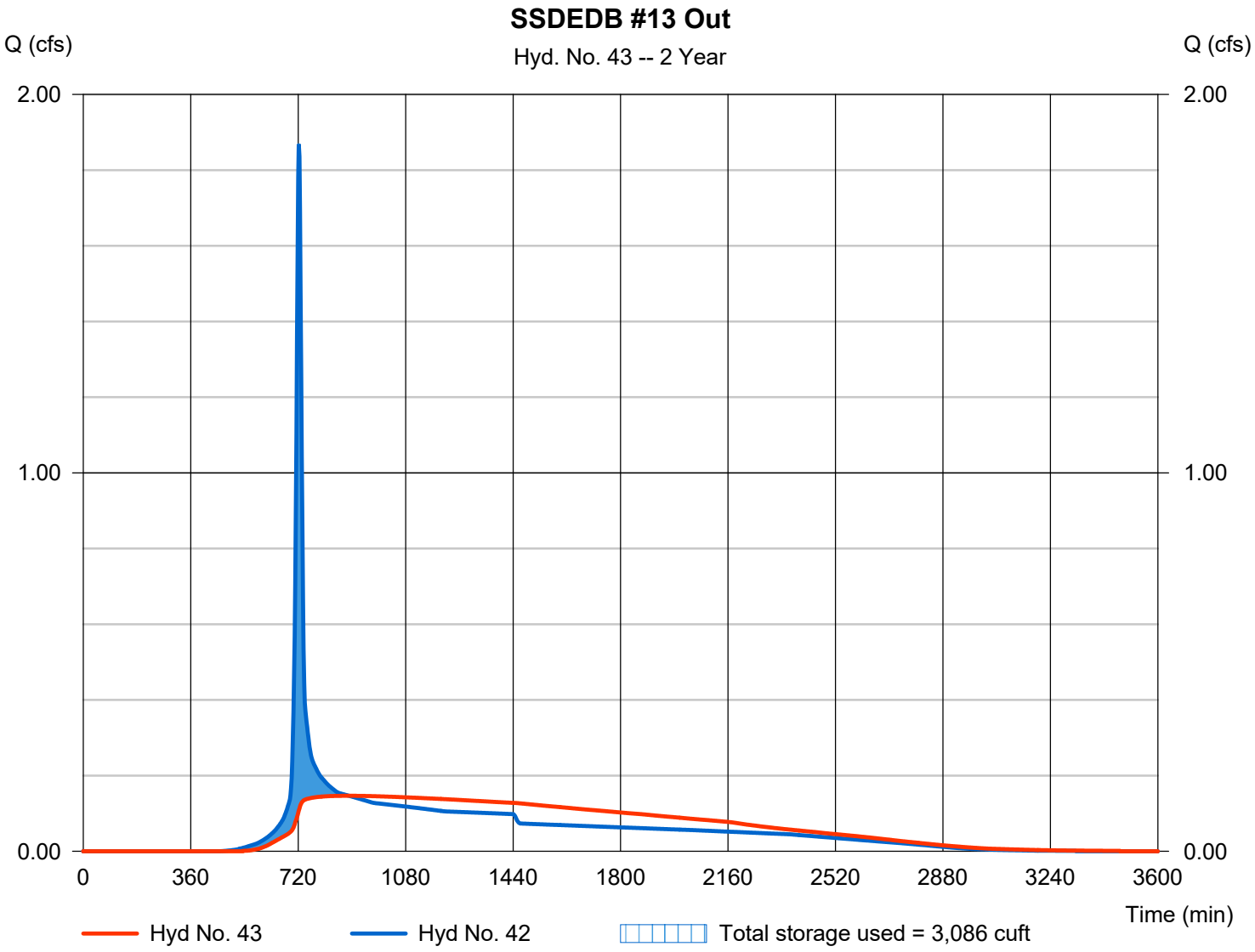
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.147 cfs
Storm frequency	=	2 yrs	Time to peak	=	890 min
Time interval	=	2 min	Hyd. volume	=	12,884 cuft
Inflow hyd. No.	=	42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	=	413.92 ft
Reservoir name	=	SSDEDB #13	Max. Storage	=	3,086 cuft

Storage Indication method used.



Hydrograph Report

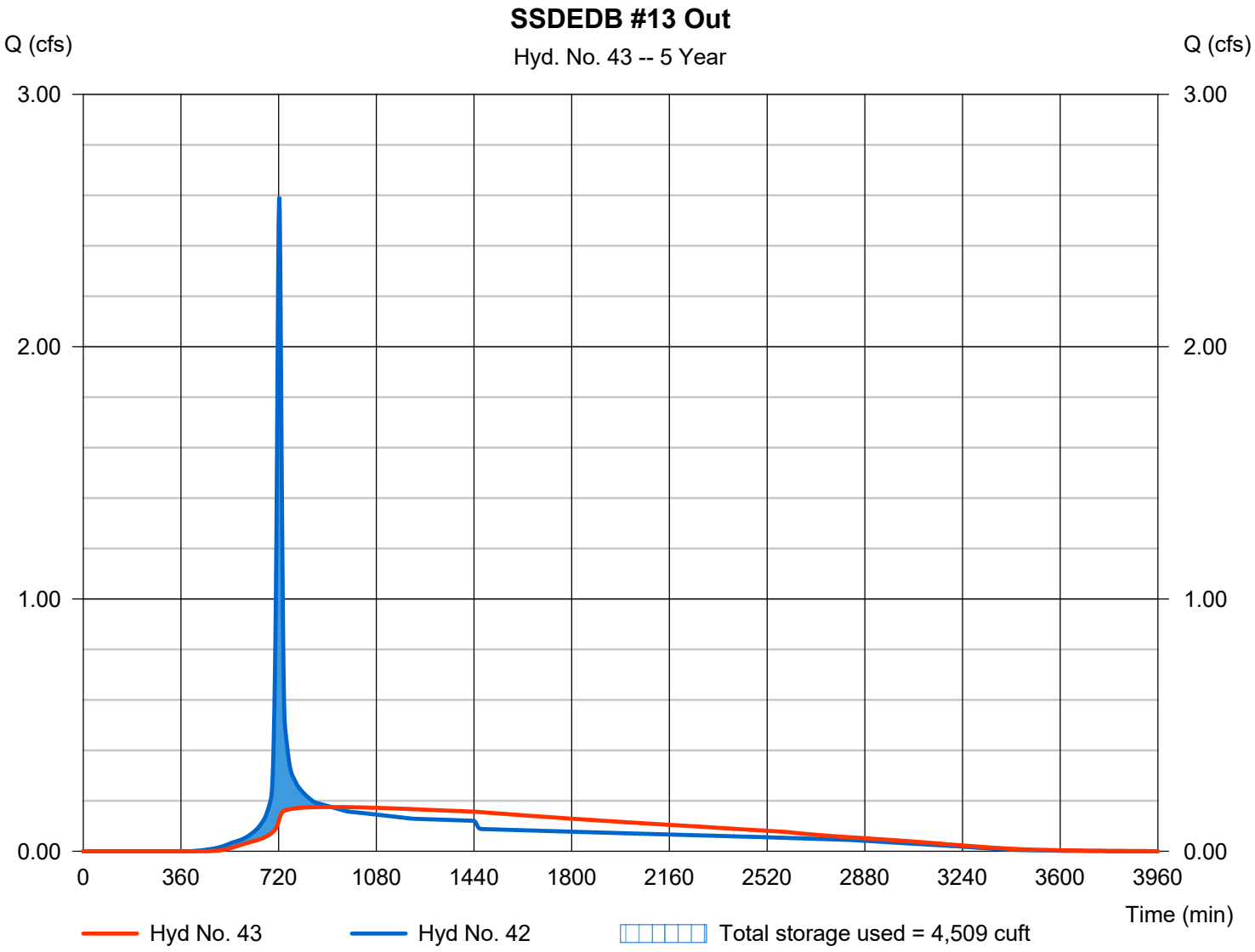
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.175 cfs
Storm frequency	= 5 yrs	Time to peak	= 914 min
Time interval	= 2 min	Hyd. volume	= 17,915 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	= 414.78 ft
Reservoir name	= SSDEDB #13	Max. Storage	= 4,509 cuft

Storage Indication method used.



Hydrograph Report

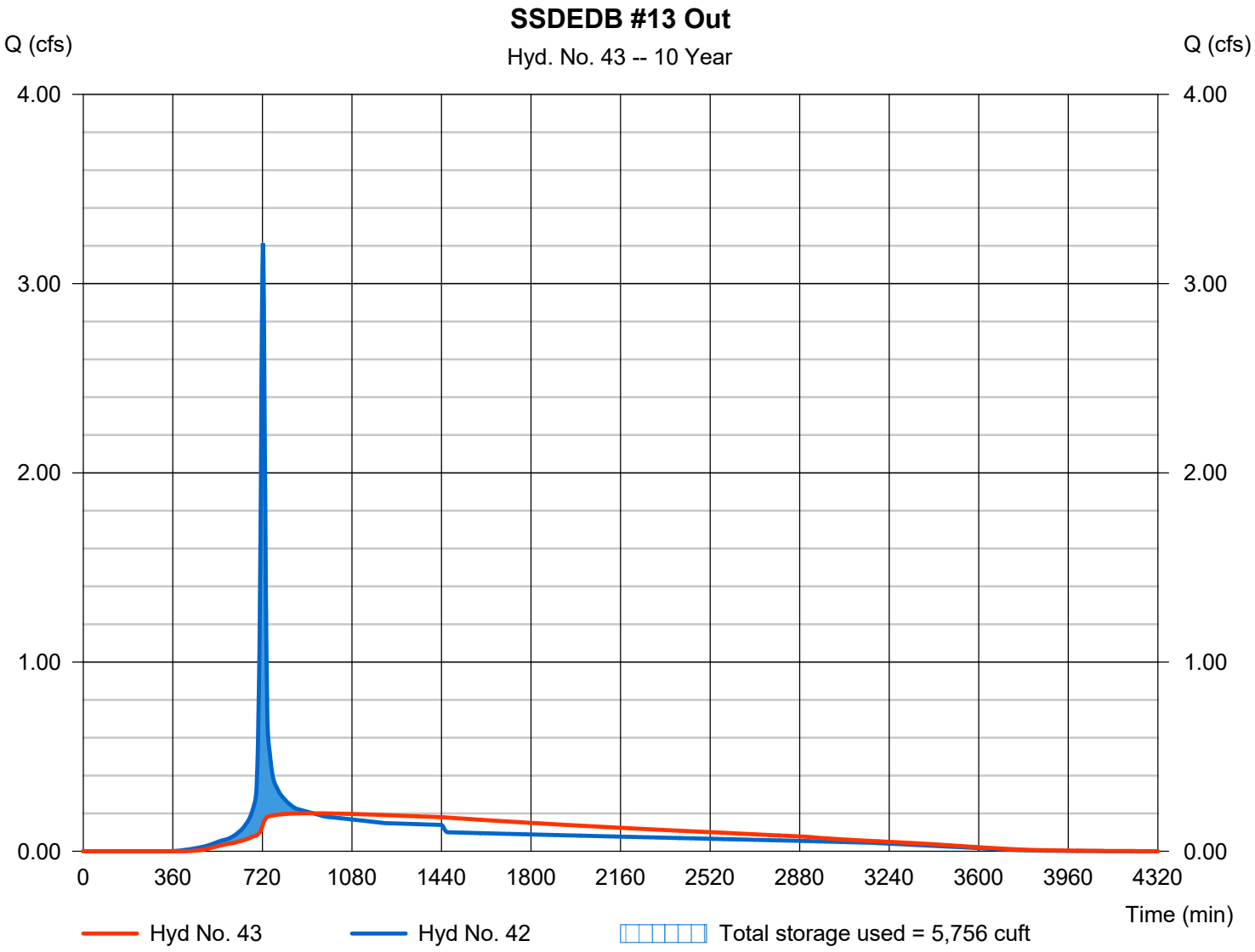
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.201 cfs
Storm frequency	= 10 yrs	Time to peak	= 924 min
Time interval	= 2 min	Hyd. volume	= 22,276 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	= 415.66 ft
Reservoir name	= SSDEDB #13	Max. Storage	= 5,756 cuft

Storage Indication method used.



Hydrograph Report

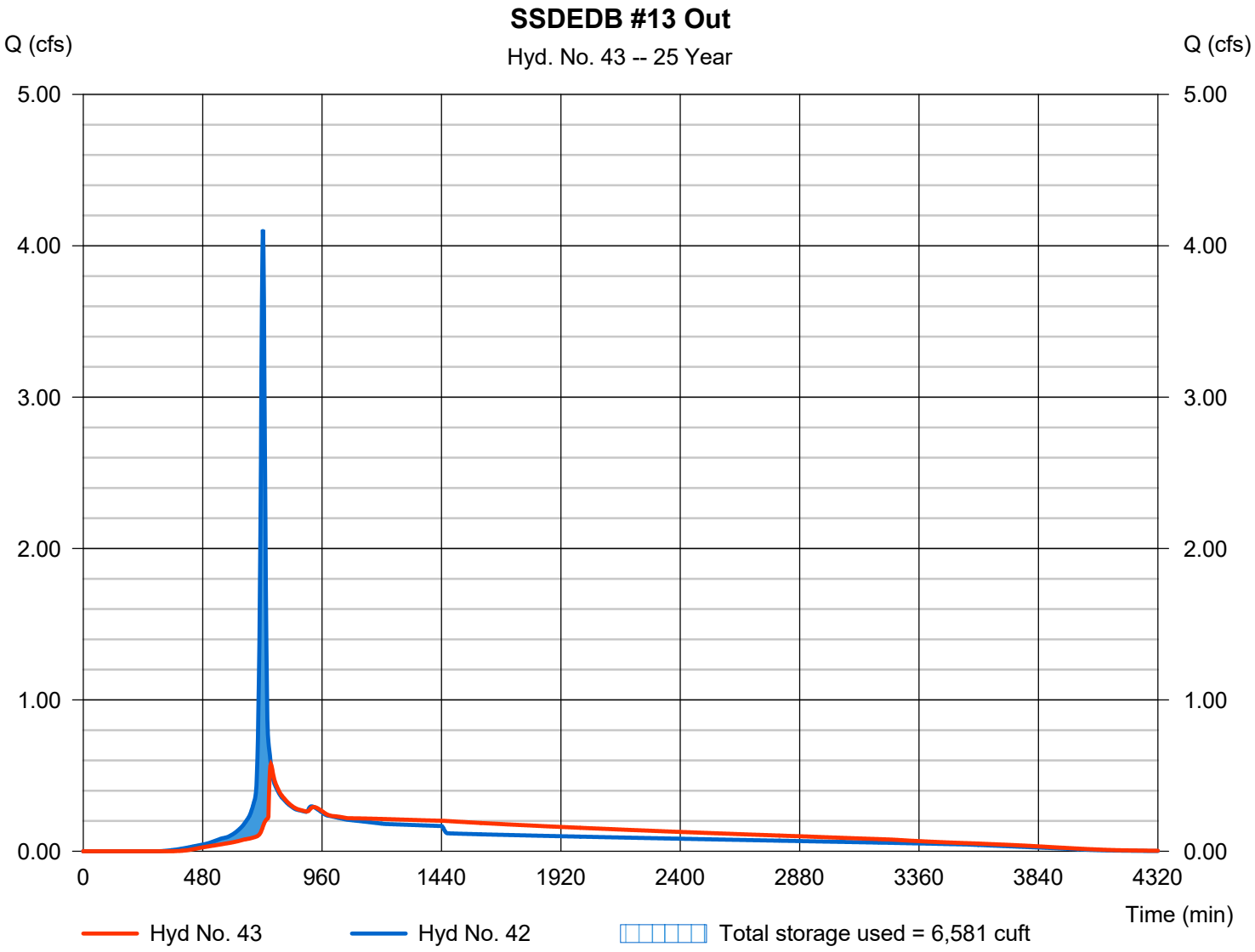
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.575 cfs
Storm frequency	=	25 yrs	Time to peak	=	754 min
Time interval	=	2 min	Hyd. volume	=	28,665 cuft
Inflow hyd. No.	=	42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	=	416.49 ft
Reservoir name	=	SSDEDB #13	Max. Storage	=	6,581 cuft

Storage Indication method used.



Hydrograph Report

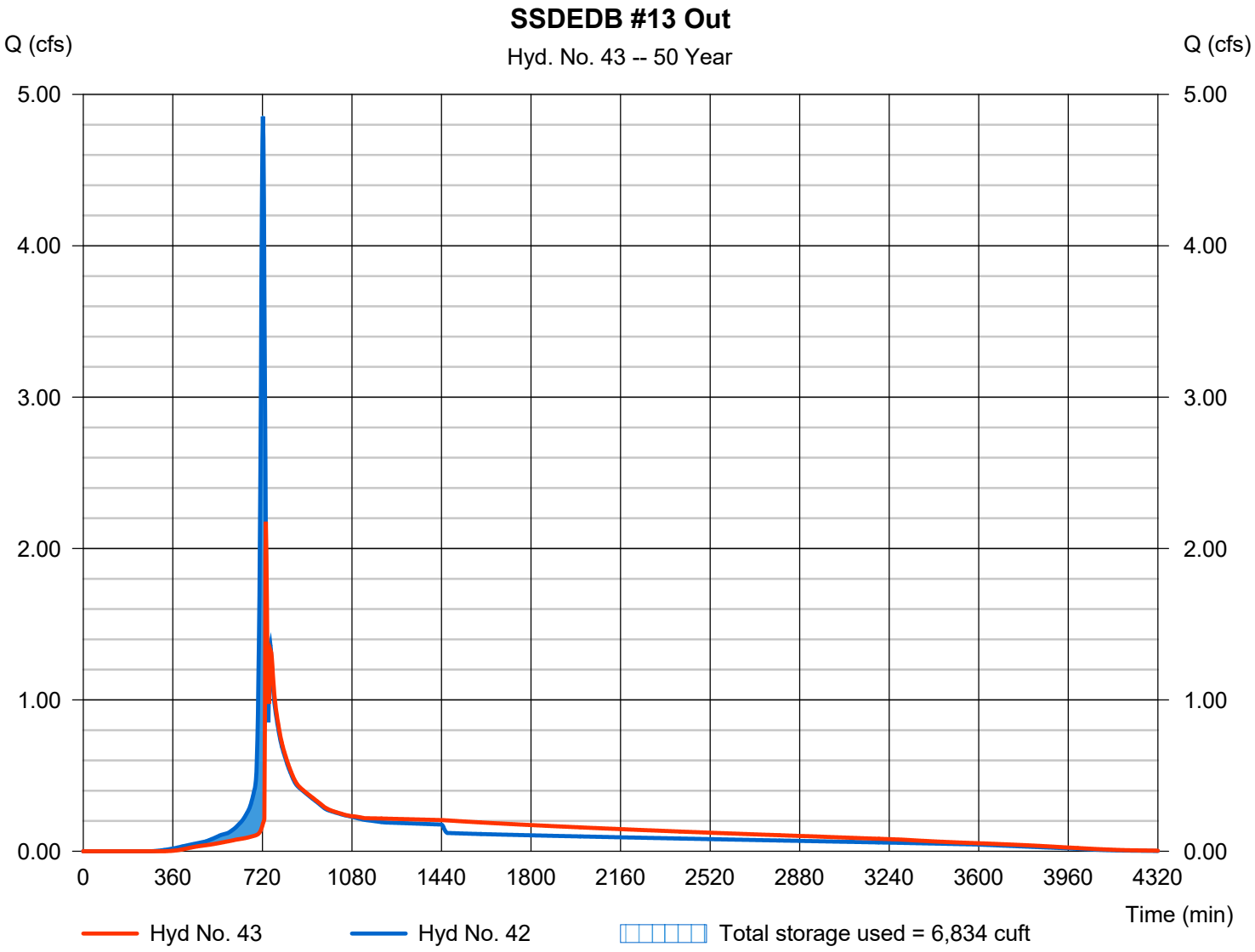
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	=	Reservoir	Peak discharge	=	2.177 cfs
Storm frequency	=	50 yrs	Time to peak	=	734 min
Time interval	=	2 min	Hyd. volume	=	34,102 cuft
Inflow hyd. No.	=	42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	=	416.80 ft
Reservoir name	=	SSDEDB #13	Max. Storage	=	6,834 cuft

Storage Indication method used.



Hydrograph Report

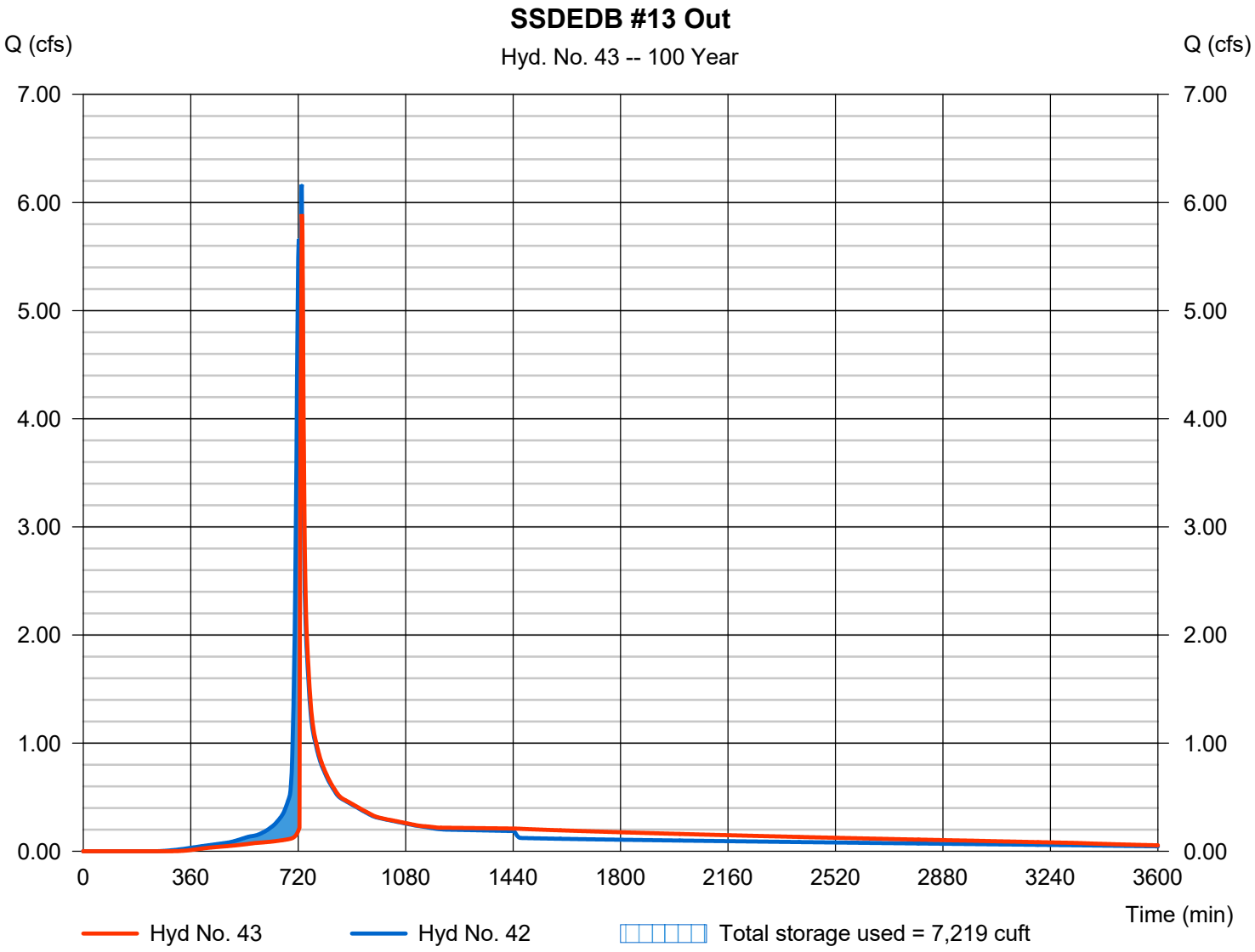
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 5.894 cfs
Storm frequency	= 100 yrs	Time to peak	= 732 min
Time interval	= 2 min	Hyd. volume	= 40,055 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out + SSDEDB #13 In	Max. Elevation	= 417.27 ft
Reservoir name	= SSDEDB #13	Max. Storage	= 7,219 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #14

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.04	61
IMPERVIOUS	0.33	98

TOTAL 0.37

Hydrograph Report

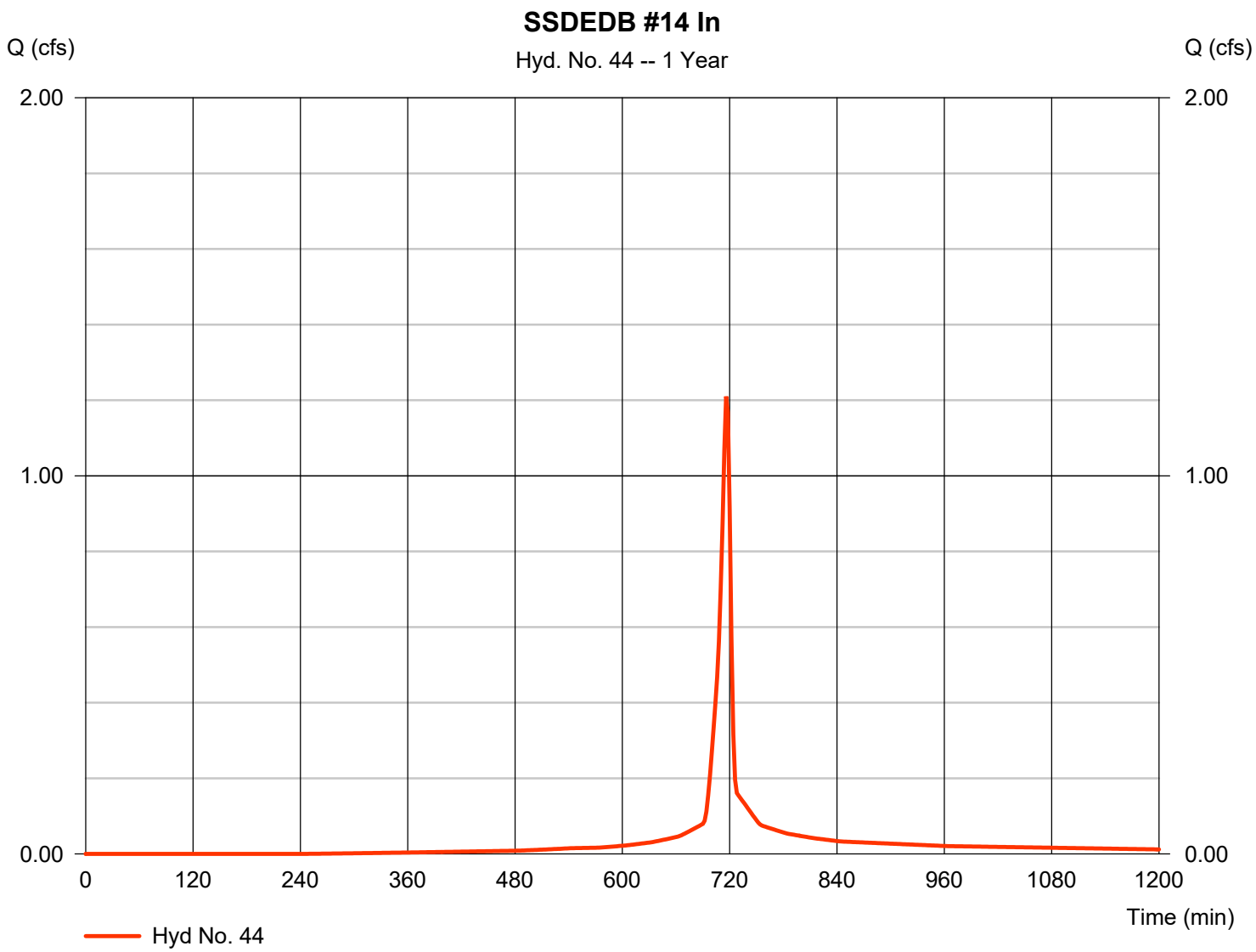
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.210 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,583 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

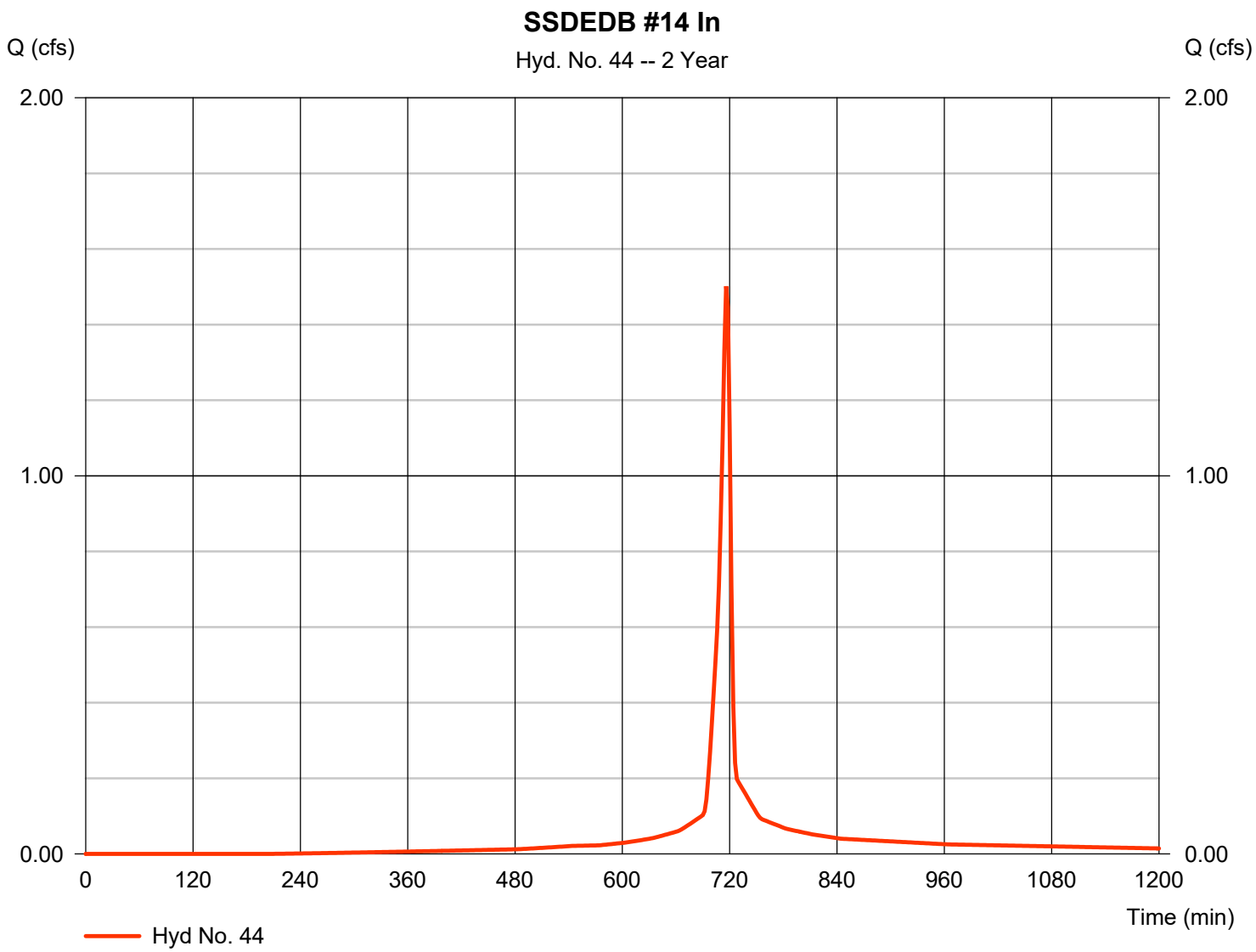
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.501 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,252 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

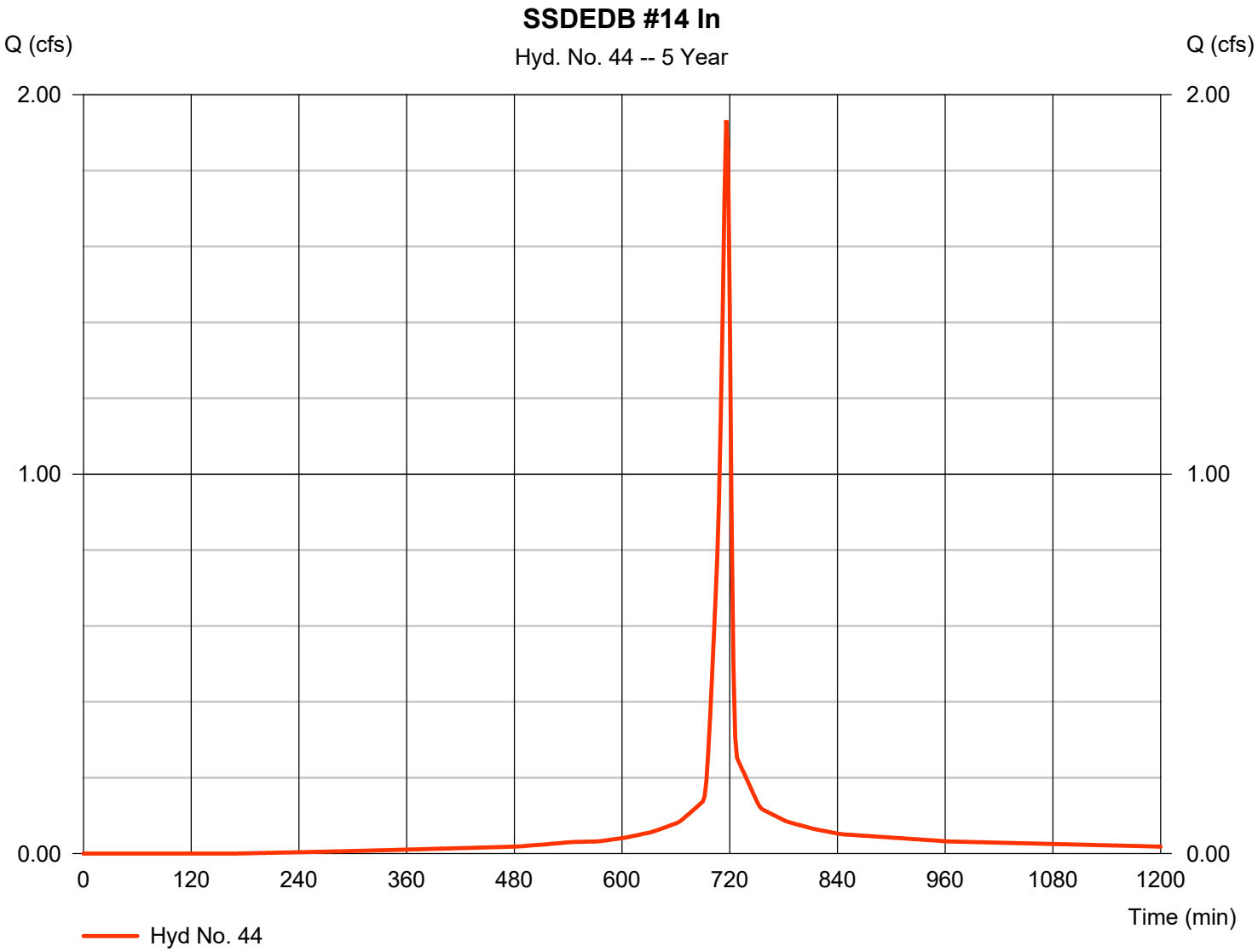
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.933 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,260 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

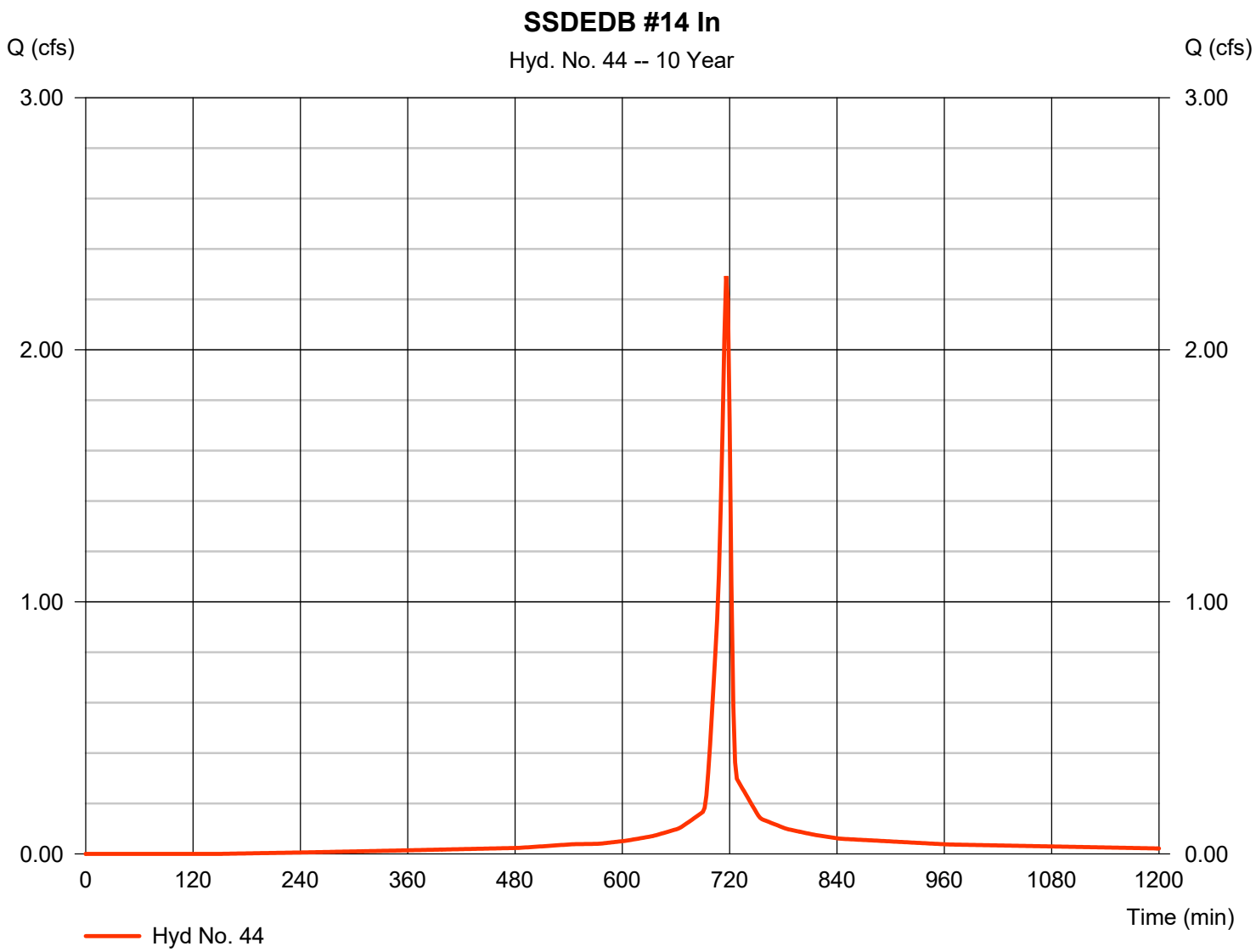
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.293 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,114 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

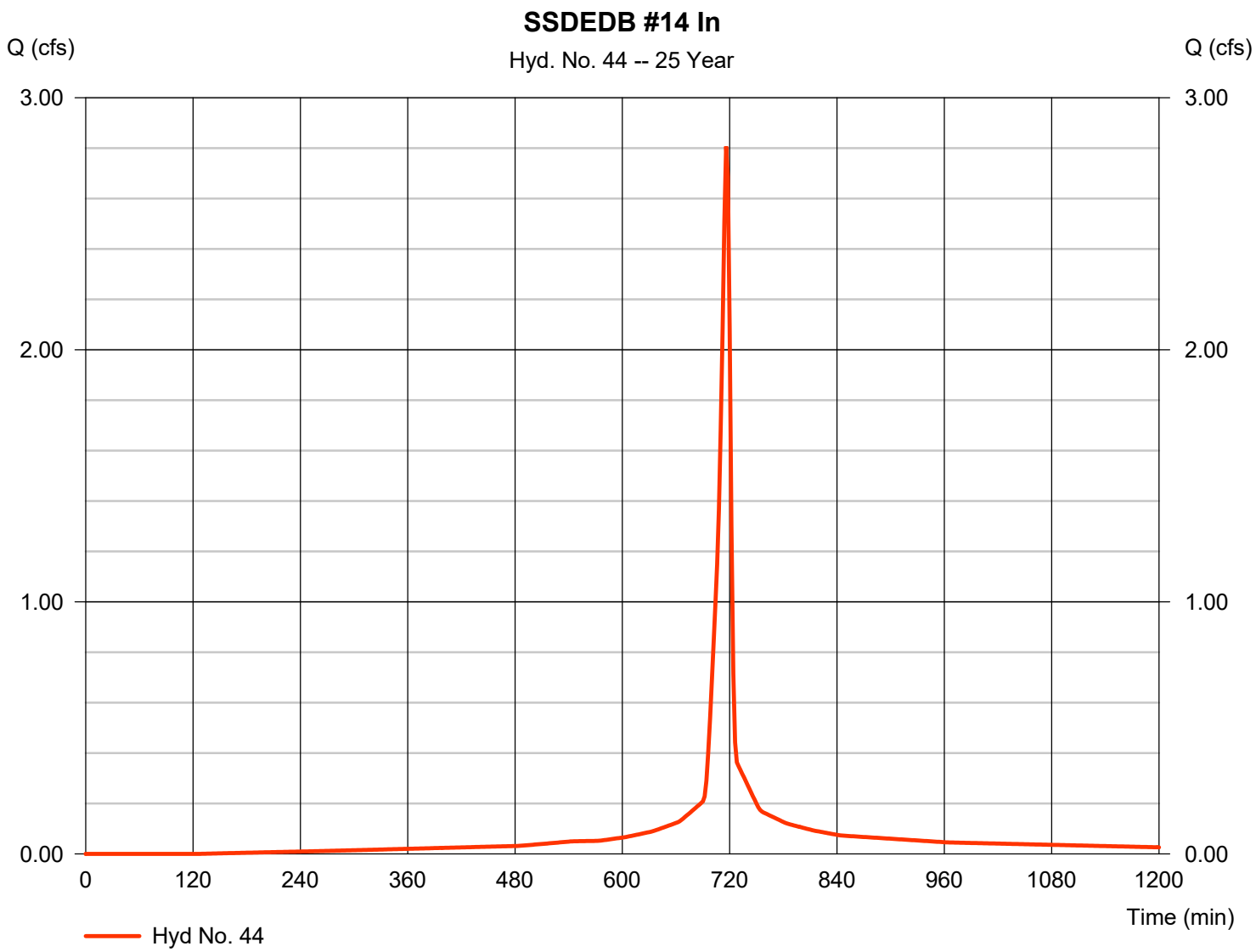
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.806 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,345 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

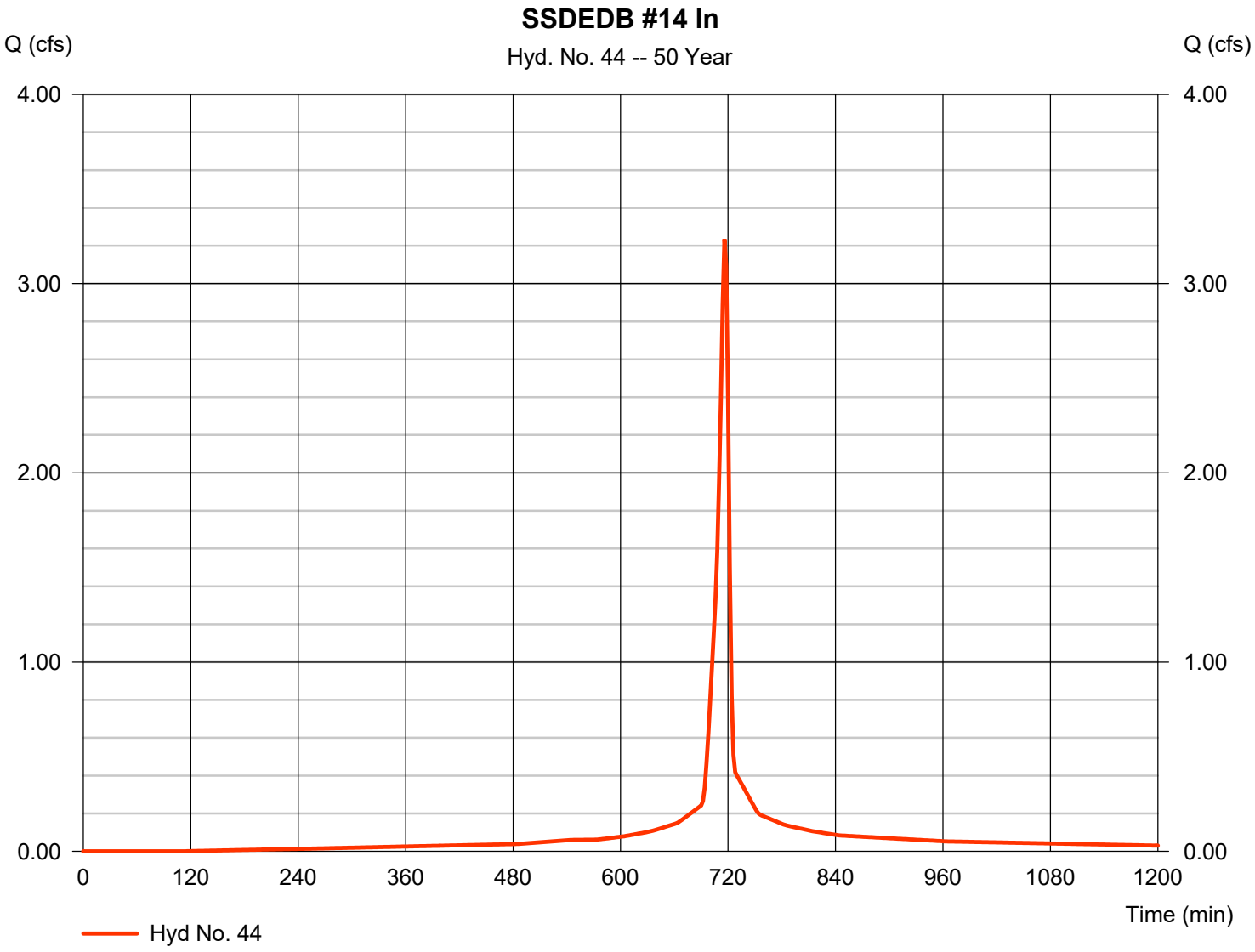
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.235 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 7,381 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



Hydrograph Report

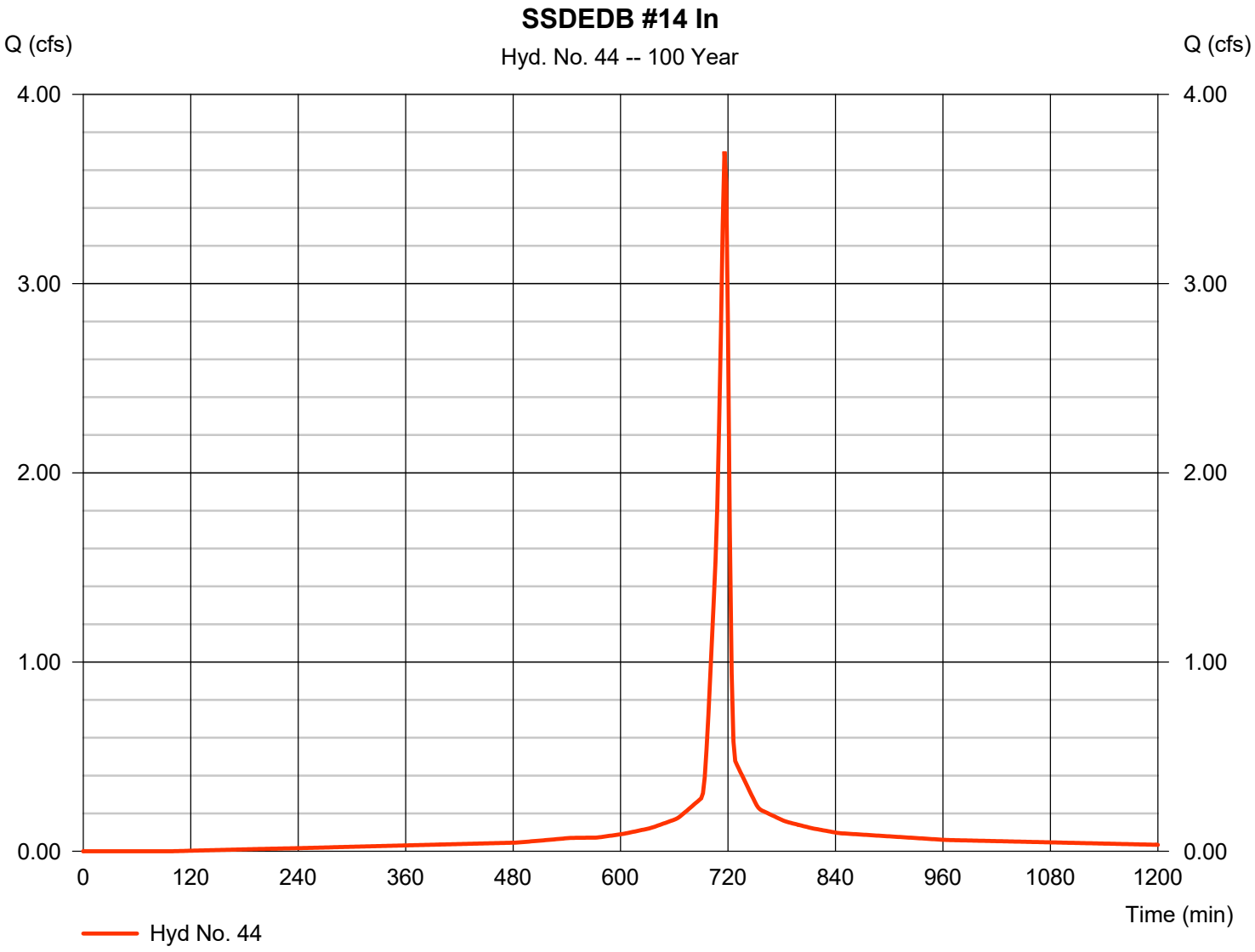
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 44

SSDEDB #14 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.698 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 8,506 cuft
Drainage area	= 0.370 ac	Curve number	= 94*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.040 x 61) + (0.330 x 98)] / 0.370



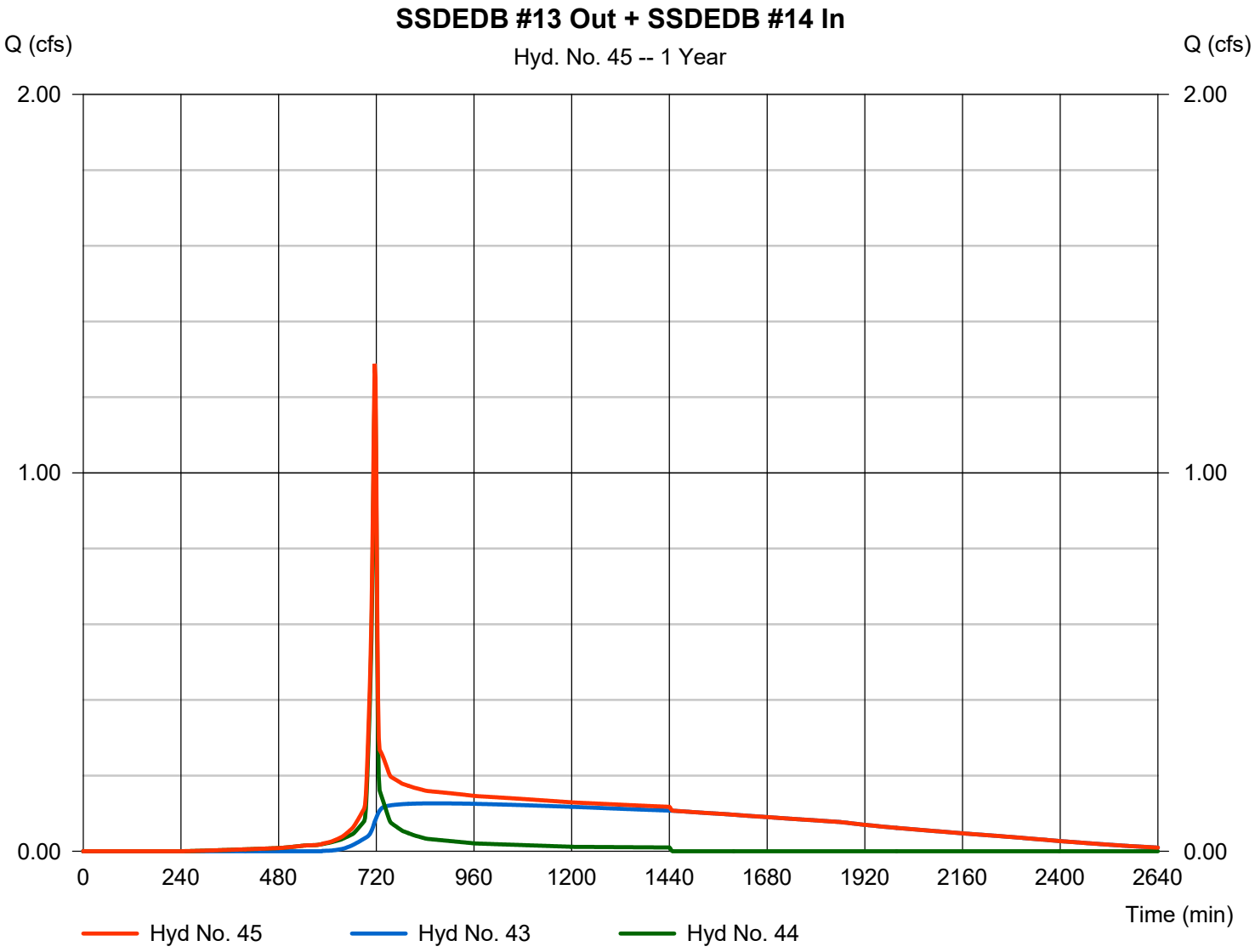
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 1.289 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 12,232 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



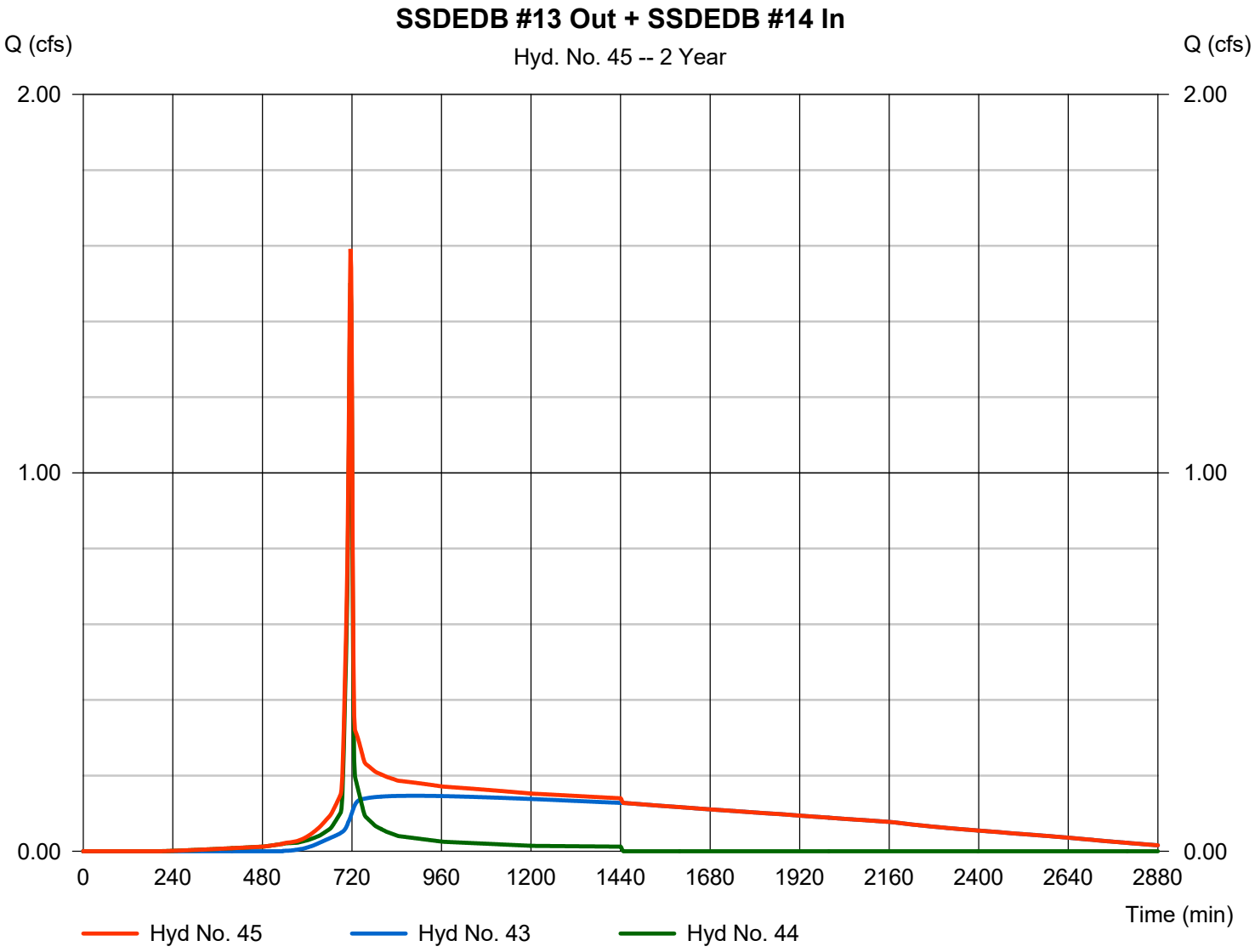
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 1.592 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 16,136 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



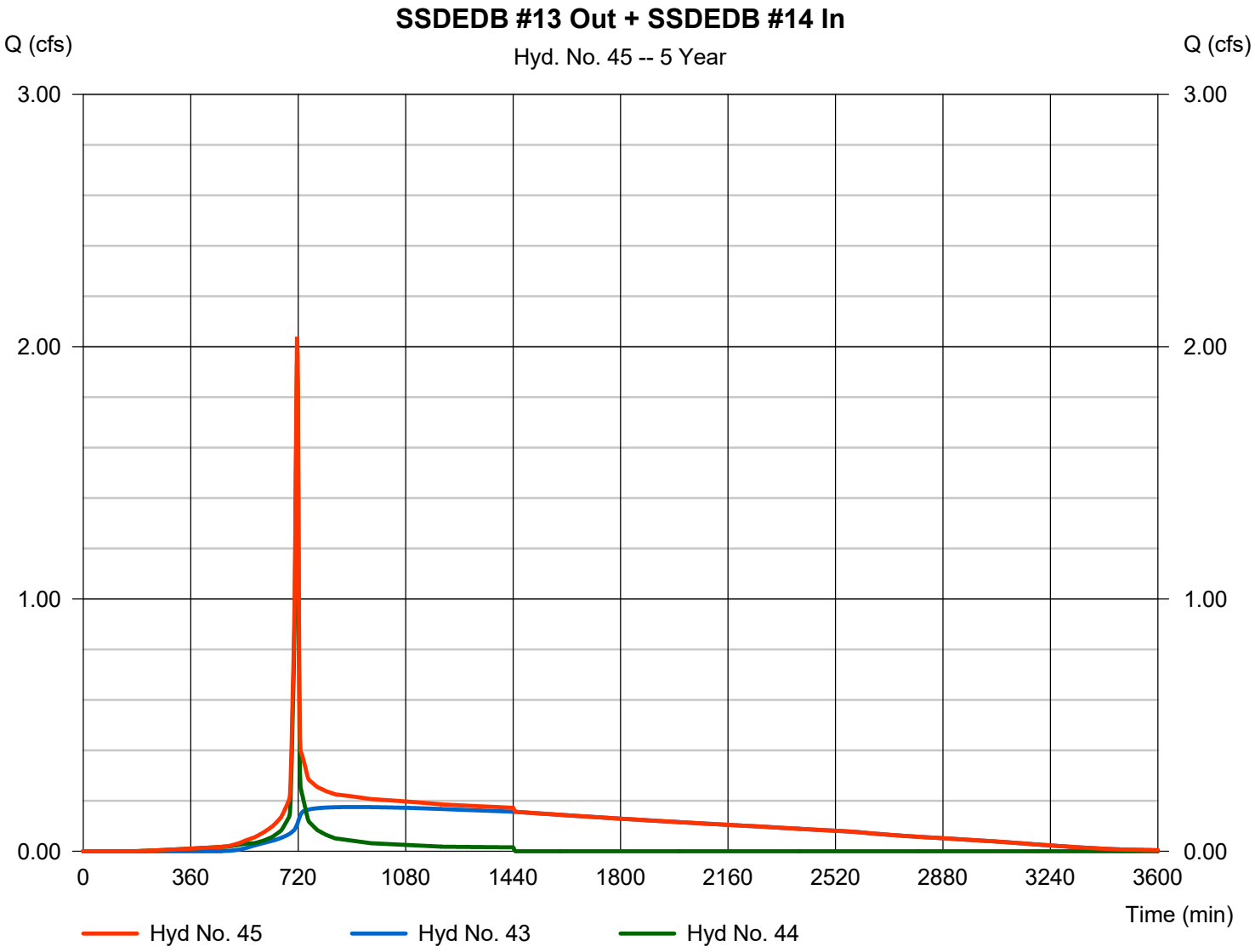
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 2.038 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 22,175 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



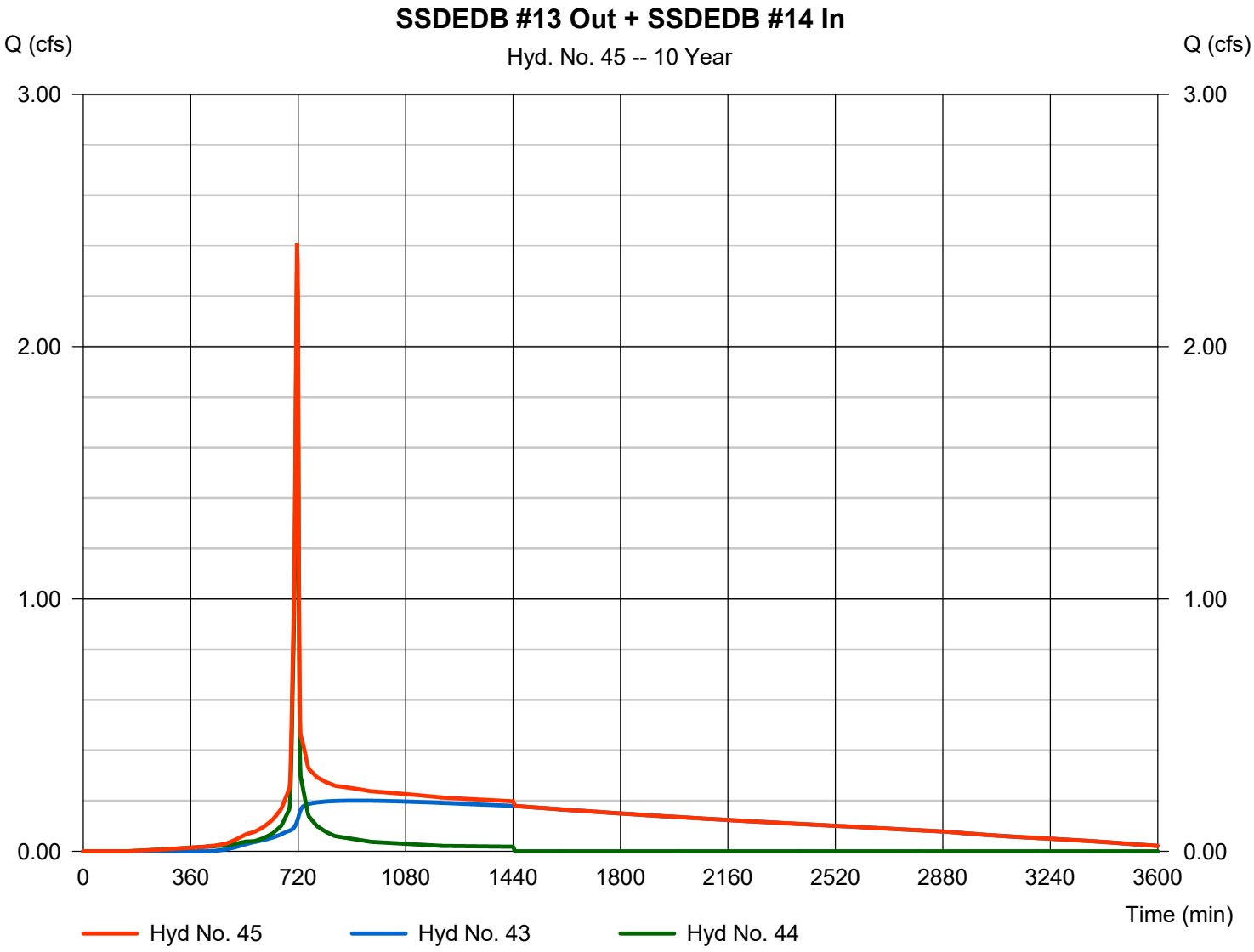
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 2.411 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 27,390 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



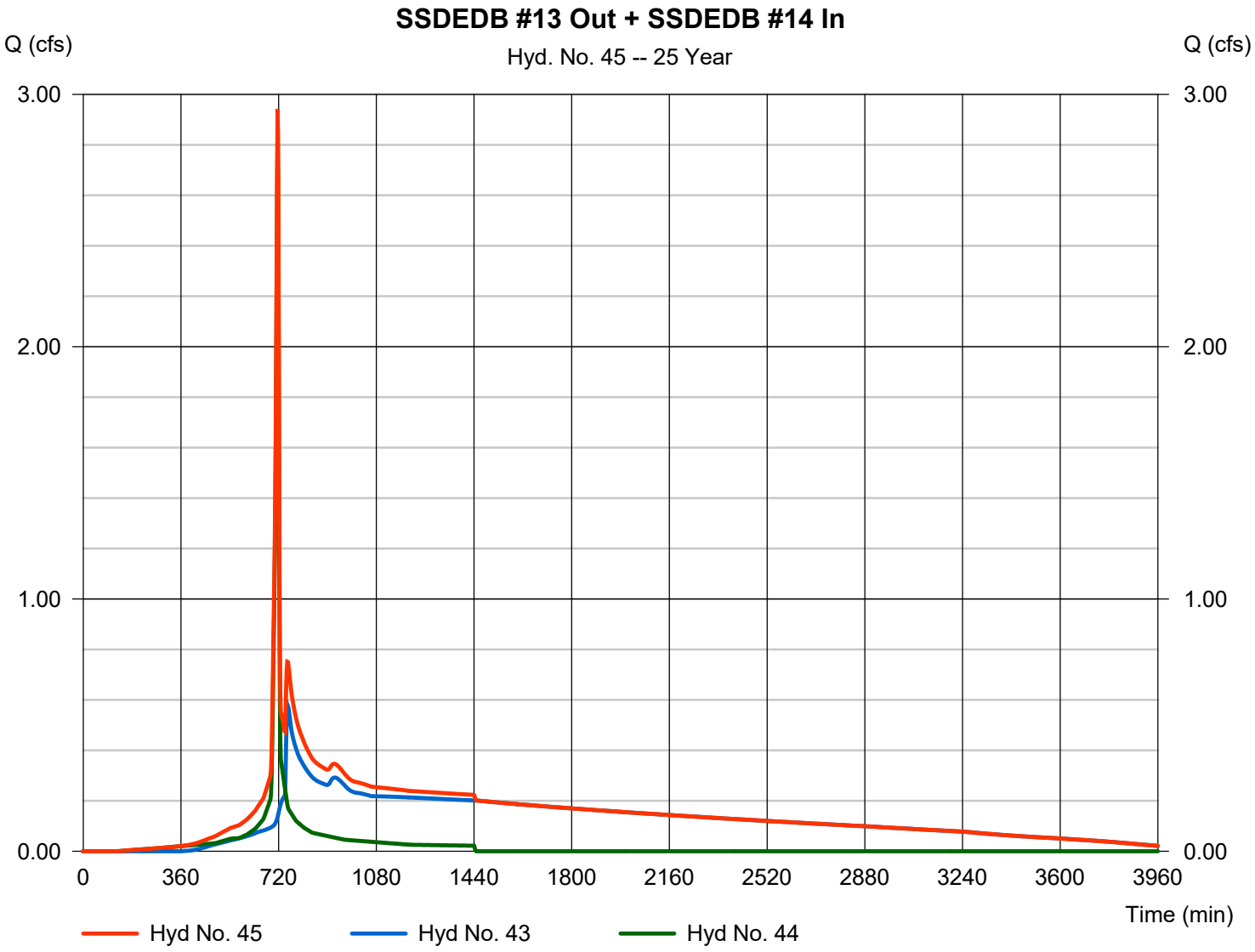
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 2.942 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 35,010 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



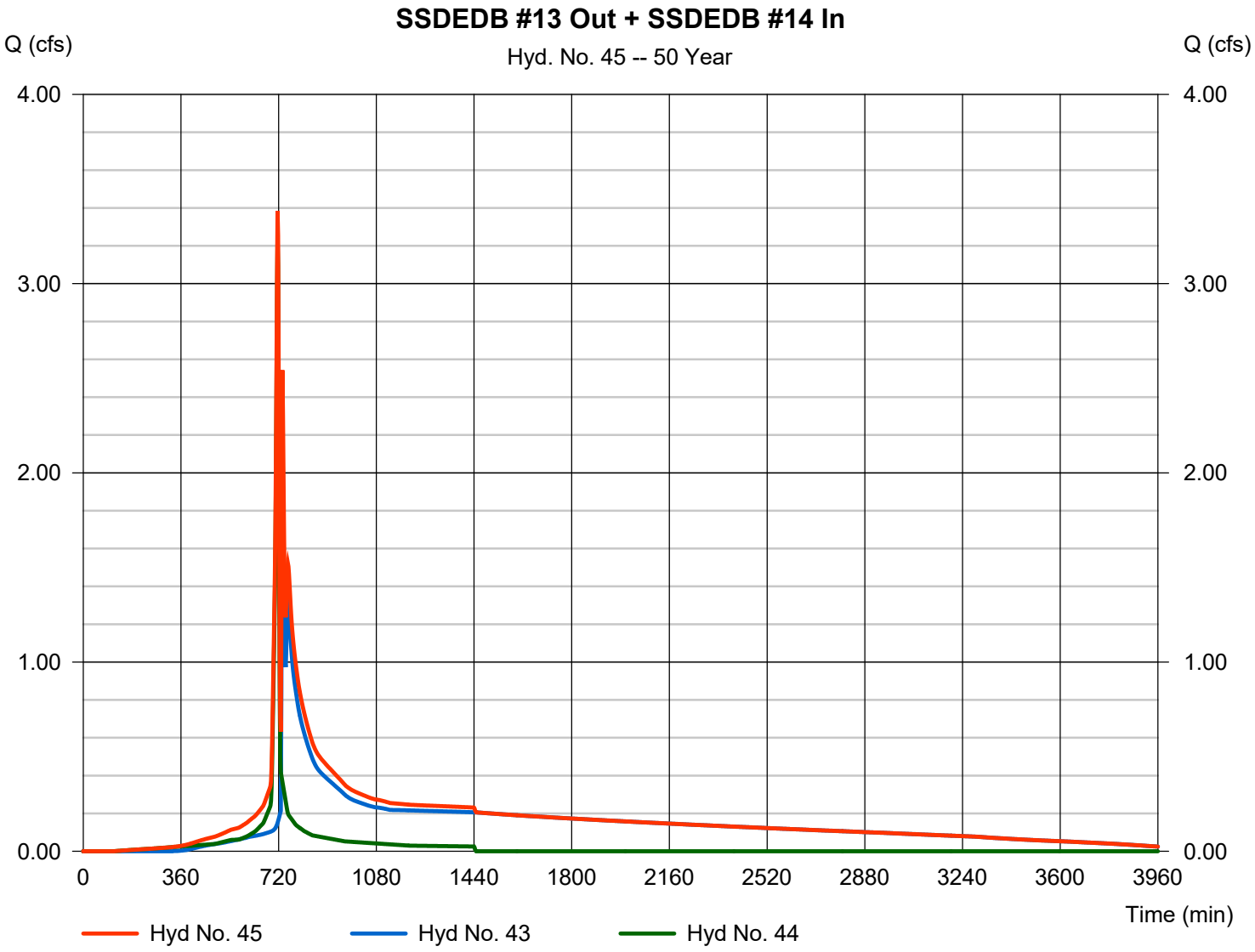
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 3.385 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 41,482 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



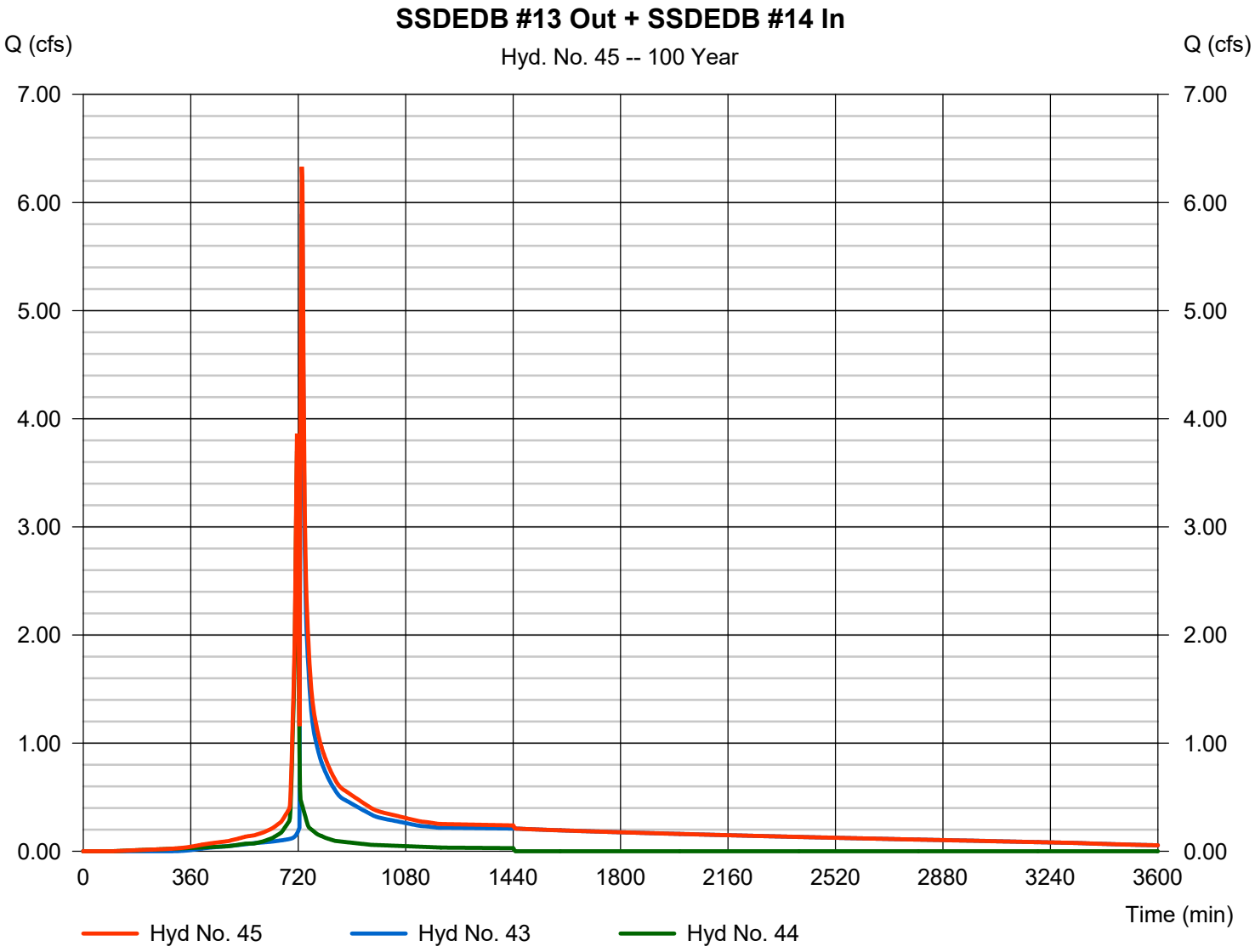
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 45

SSDEDB #13 Out + SSDEDB #14 In

Hydrograph type	= Combine	Peak discharge	= 6.330 cfs
Storm frequency	= 100 yrs	Time to peak	= 732 min
Time interval	= 2 min	Hyd. volume	= 48,561 cuft
Inflow hyds.	= 43, 44	Contrib. drain. area	= 0.370 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #14

		Volume for One Chamber			# of Chambers 36	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	398.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	398.8833	1.71	0.00	1.71	61.56	0.56	0.00	0.56	3.36	64.92
2	398.9667	1.71	0.00	3.42	123.12	0.58	0.00	1.14	6.84	129.96
3	399.0500	1.72	0.00	5.14	185.04	0.57	0.00	1.71	10.26	195.30
4	399.1333	1.71	0.00	6.85	246.60	0.57	0.00	2.28	13.68	260.28
5	399.2167	1.71	0.00	8.56	308.16	0.57	0.00	2.85	17.10	325.26
6	399.3000	1.71	0.00	10.27	369.72	0.57	0.00	3.42	20.52	390.24
7	399.3833	1.71	0.00	11.98	431.28	0.57	0.00	3.99	23.94	455.22
8	399.4667	1.72	0.00	13.70	493.20	0.56	0.00	4.55	27.30	520.50
9	399.5500	1.71	0.00	15.41	554.76	0.57	0.00	5.12	30.72	585.48
10	399.6333	0.30	3.51	19.22	691.92	0.32	0.63	6.07	36.42	728.34
11	399.7167	0.33	3.47	23.02	828.72	0.32	0.63	7.02	42.12	870.84
12	399.8000	0.33	3.46	26.81	965.16	0.32	0.62	7.96	47.76	1012.92
13	399.8833	0.33	3.44	30.58	1100.88	0.33	0.61	8.90	53.40	1154.28
14	399.9667	0.35	3.41	34.34	1236.24	0.32	0.61	9.83	58.98	1295.22
15	400.0500	0.35	3.40	38.09	1371.24	0.33	0.60	10.76	64.56	1435.80
16	400.1333	0.38	3.36	41.83	1505.88	0.33	0.60	11.69	70.14	1576.02
17	400.2167	0.36	3.35	45.54	1639.44	0.34	0.58	12.61	75.66	1715.10
18	400.3000	0.39	3.32	49.25	1773.00	0.33	0.58	13.52	81.12	1854.12
19	400.3833	0.39	3.29	52.93	1905.48	0.34	0.57	14.43	86.58	1992.06
20	400.4667	0.41	3.26	56.60	2037.60	0.35	0.56	15.34	92.04	2129.64
21	400.5500	0.42	3.23	60.25	2169.00	0.36	0.54	16.24	97.44	2266.44
22	400.6333	0.43	3.20	63.88	2299.68	0.35	0.54	17.13	102.78	2402.46
23	400.7167	0.46	3.16	67.50	2430.00	0.36	0.52	18.01	108.06	2538.06
24	400.8000	0.46	3.13	71.09	2559.24	0.36	0.51	18.88	113.28	2672.52
25	400.8833	0.46	3.10	74.65	2687.40	0.38	0.49	19.75	118.50	2805.90
26	400.9667	0.50	3.05	78.20	2815.20	0.38	0.48	20.61	123.66	2938.86
27	401.0500	0.51	3.01	81.72	2941.92	0.38	0.46	21.45	128.70	3070.62
28	401.1333	0.52	2.97	85.21	3067.56	0.39	0.45	22.29	133.74	3201.30
29	401.2167	0.54	2.93	88.68	3192.48	0.40	0.43	23.12	138.72	3331.20
30	401.3000	0.57	2.87	92.12	3316.32	0.40	0.41	23.93	143.58	3459.90
31	401.3833	0.57	2.83	95.52	3438.72	0.42	0.39	24.74	148.44	3587.16
32	401.4667	0.61	2.77	98.90	3560.40	0.42	0.37	25.53	153.18	3713.58
33	401.5500	0.62	2.72	102.24	3680.64	0.42	0.35	26.30	157.80	3838.44
34	401.6333	0.65	2.65	105.54	3799.44	0.45	0.33	27.08	162.48	3961.92
35	401.7167	0.67	2.60	108.81	3917.16	0.44	0.32	27.84	167.04	4084.20
36	401.8000	0.71	2.52	112.04	4033.44	0.45	0.29	28.58	171.48	4204.92
37	401.8833	0.73	2.46	115.23	4148.28	0.46	0.27	29.31	175.86	4324.14
38	401.9667	0.75	2.39	118.37	4261.32	0.46	0.26	30.03	180.18	4441.50
39	402.0500	0.80	2.30	121.47	4372.92	0.48	0.24	30.75	184.50	4557.42
40	402.1333	0.81	2.23	124.51	4482.36	0.49	0.21	31.45	188.70	4671.06
41	402.2167	0.87	2.13	127.51	4590.36	0.48	0.20	32.13	192.78	4783.14
42	402.3000	0.89	2.04	130.44	4695.84	0.50	0.18	32.81	196.86	4892.70
43	402.3833	0.94	1.94	133.32	4799.52	0.51	0.16	33.48	200.88	5000.40
44	402.4667	0.98	1.83	136.13	4900.68	0.51	0.14	34.13	204.78	5105.46
45	402.5500	1.02	1.71	138.86	4998.96	0.52	0.12	34.77	208.62	5207.58
46	402.6333	1.09	1.57	141.52	5094.72	0.53	0.10	35.40	212.40	5307.12
47	402.7167	1.15	1.42	144.09	5187.24	0.53	0.09	36.02	216.12	5403.36
48	402.8000	1.21	1.25	146.55	5275.80	0.55	0.07	36.64	219.84	5495.64
49	402.8833	1.30	1.03	148.88	5359.68	0.55	0.05	37.24	223.44	5583.12
50	402.9667	1.43	0.69	151.00	5436.00	0.55	0.04	37.83	226.98	5662.98
51	403.0500	1.55	0.40	152.95	5506.20	0.56	0.02	38.41	230.46	5736.66
52	403.1333	1.60	0.29	154.84	5574.24	0.57	0.01	38.99	233.94	5808.18
53	403.2167	1.63	0.20	156.67	5640.12	0.56	0.01	39.56	237.36	5877.48
54	403.3000	1.69	0.06	158.42	5703.12	0.57	0.00	40.13	240.78	5943.90
55	403.3833	1.71	0.00	160.13	5764.68	0.57	0.00	40.70	244.20	6008.88
56	403.4667	1.71	0.00	161.84	5826.24	0.57	0.00	41.27	247.62	6073.86
57	403.5500	1.71	0.00	163.55	5887.80	0.57	0.00	41.84	251.04	6138.84
58	403.6333	1.72	0.00	165.27	5949.72	0.57	0.00	42.41	254.46	6204.18
59	403.7167	1.71	0.00	166.98	6011.28	0.57	0.00	42.98	257.88	6269.16
60	403.8000	1.71	0.00	168.69	6072.84	0.56	0.00	43.54	261.24	6334.08
61	403.8833	1.71	0.00	170.40	6134.40	0.57	0.00	44.11	264.66	6399.06
62	403.9667	1.71	0.00	172.11	6195.96	0.57	0.00	44.68	268.08	6464.04
63	404.0500	1.72	0.00	173.83	6257.88	0.57	0.00	45.25	271.50	6529.38
64	404.1333	1.71	0.00	175.54	6319.44	0.57	0.00	45.82	274.92	6594.36
65	404.2167	1.71	0.00	177.25	6381.00	0.57	0.00	46.39	278.34	6659.34
66	404.3000	1.71	0.00	178.96	6442.56	0.57	0.00	46.96	281.76	6724.32

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 14 - SSDEDB #14

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	398.80	n/a	0	0
0.33	399.13	n/a	260	260
0.67	399.47	n/a	260	521
1.00	399.80	n/a	492	1,013
1.33	400.13	n/a	563	1,576
1.67	400.47	n/a	554	2,130
2.00	400.80	n/a	543	2,673
2.33	401.13	n/a	529	3,201
2.67	401.47	n/a	512	3,714
3.00	401.80	n/a	491	4,205
3.33	402.13	n/a	466	4,671
3.67	402.47	n/a	434	5,105
4.00	402.80	n/a	390	5,496
4.33	403.13	n/a	313	5,808
4.67	403.47	n/a	266	6,074
5.00	403.80	n/a	260	6,334
5.33	404.13	n/a	260	6,594
5.50	404.30	n/a	130	6,724

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	15.00	3.00	0.00	0.00
Span (in)	=	15.00	3.00	0.00	0.00
No. Barrels	=	1	1	0	0
Invert El. (ft)	=	398.80	398.80	0.00	0.00
Length (ft)	=	50.00	0.00	0.00	0.00
Slope (%)	=	1.00	0.00	0.00	n/a
N-Value	=	.012	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	2.00	0.00	0.00	0.00
Crest El. (ft)	=	403.50	0.00	0.00	0.00
Weir Coeff.	=	3.33	3.33	3.33	3.33
Weir Type	=	Rect	---	---	---
Multi-Stage	=	Yes	No	No	No

Exfil.(in/hr)	=	0.000 (by Wet area)
TW Elev. (ft)	=	0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	398.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	260	399.13	0.11 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.103
0.67	521	399.47	0.17 ic	0.16 ic	---	---	0.00	---	---	---	---	---	0.164
1.00	1,013	399.80	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.211
1.33	1,576	400.13	0.26 ic	0.25 ic	---	---	0.00	---	---	---	---	---	0.249
1.67	2,130	400.47	0.29 ic	0.28 ic	---	---	0.00	---	---	---	---	---	0.282
2.00	2,673	400.80	0.31 ic	0.31 ic	---	---	0.00	---	---	---	---	---	0.312
2.33	3,201	401.13	0.35 ic	0.34 ic	---	---	0.00	---	---	---	---	---	0.340
2.67	3,714	401.47	0.37 ic	0.37 ic	---	---	0.00	---	---	---	---	---	0.366
3.00	4,205	401.80	0.39 ic	0.39 ic	---	---	0.00	---	---	---	---	---	0.390
3.33	4,671	402.13	0.41 ic	0.41 ic	---	---	0.00	---	---	---	---	---	0.412
3.67	5,105	402.47	0.43 ic	0.43 ic	---	---	0.00	---	---	---	---	---	0.434
4.00	5,496	402.80	0.46 ic	0.45 ic	---	---	0.00	---	---	---	---	---	0.454
4.33	5,808	403.13	0.48 ic	0.47 ic	---	---	0.00	---	---	---	---	---	0.474
4.67	6,074	403.47	0.51 ic	0.49 ic	---	---	0.00	---	---	---	---	---	0.492
5.00	6,334	403.80	1.59 ic	0.50 ic	---	---	1.09	---	---	---	---	---	1.587
5.33	6,594	404.13	3.84 ic	0.49 ic	---	---	3.35	---	---	---	---	---	3.842
5.50	6,724	404.30	5.24 oc	0.48 ic	---	---	4.77	---	---	---	---	---	5.241

Hydrograph Report

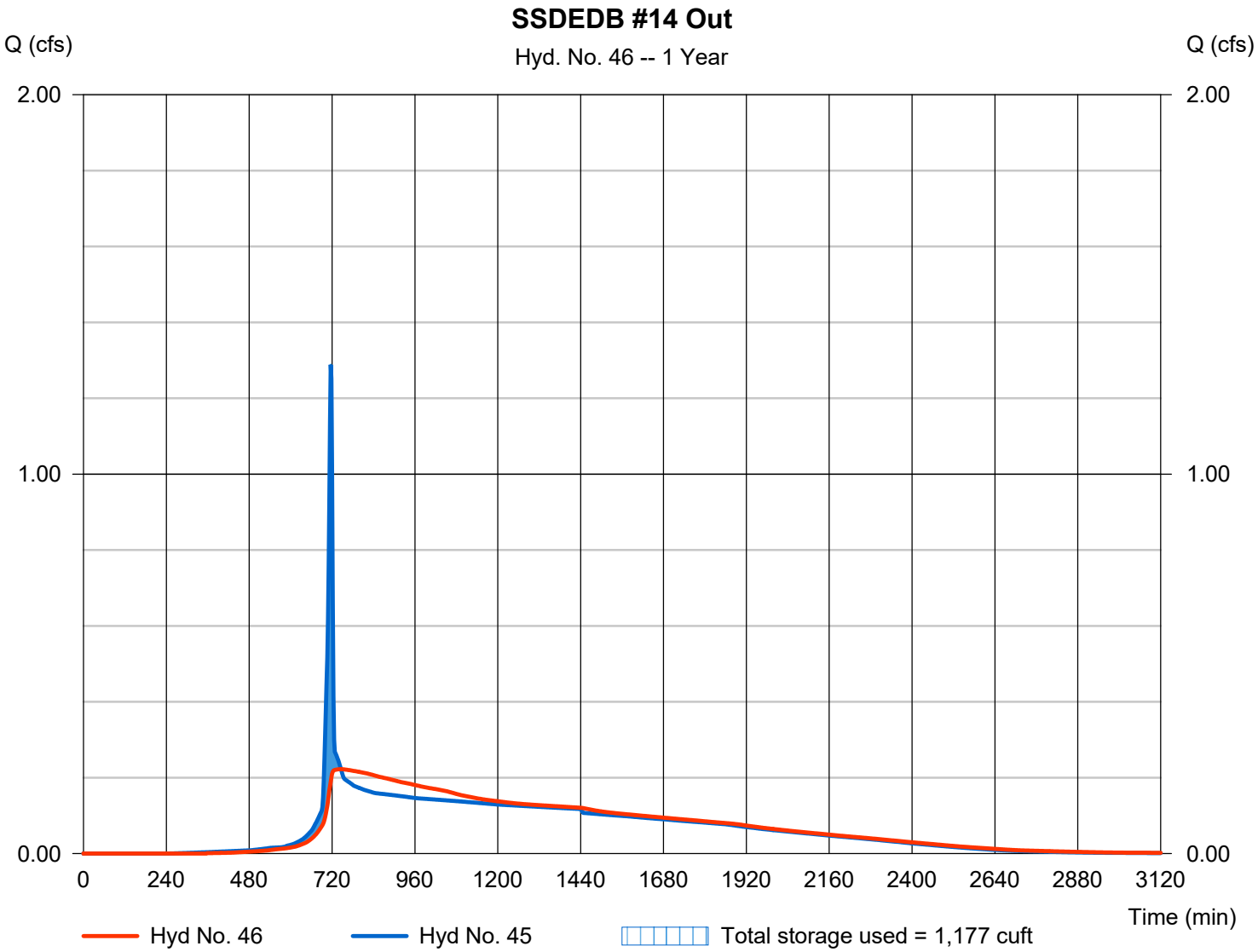
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.222 cfs
Storm frequency	= 1 yrs	Time to peak	= 746 min
Time interval	= 2 min	Hyd. volume	= 12,220 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	= 399.90 ft
Reservoir name	= SSDEDB #14	Max. Storage	= 1,177 cuft

Storage Indication method used.



Hydrograph Report

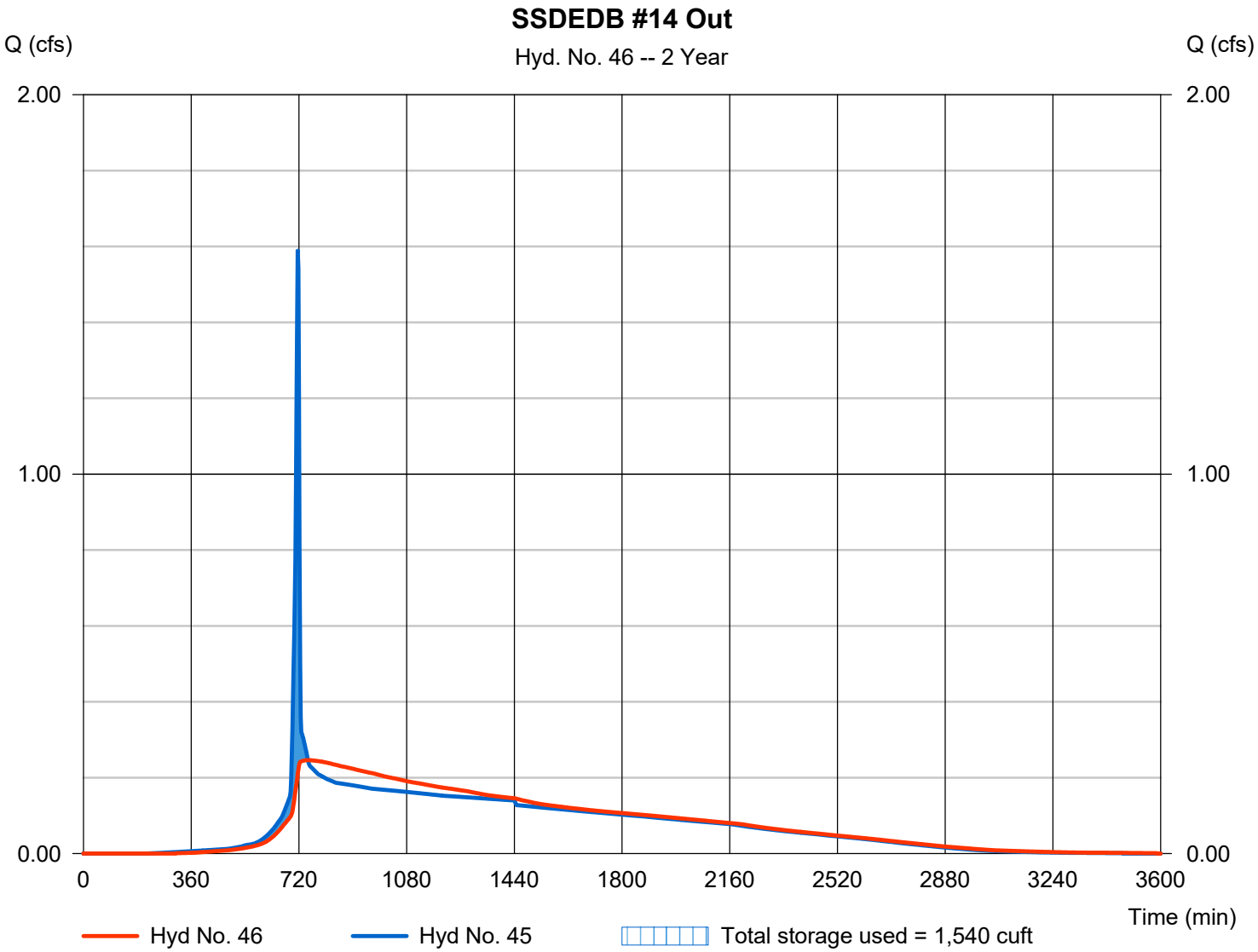
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.246 cfs
Storm frequency	=	2 yrs	Time to peak	=	750 min
Time interval	=	2 min	Hyd. volume	=	16,124 cuft
Inflow hyd. No.	=	45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	=	400.11 ft
Reservoir name	=	SSDEDB #14	Max. Storage	=	1,540 cuft

Storage Indication method used.



Hydrograph Report

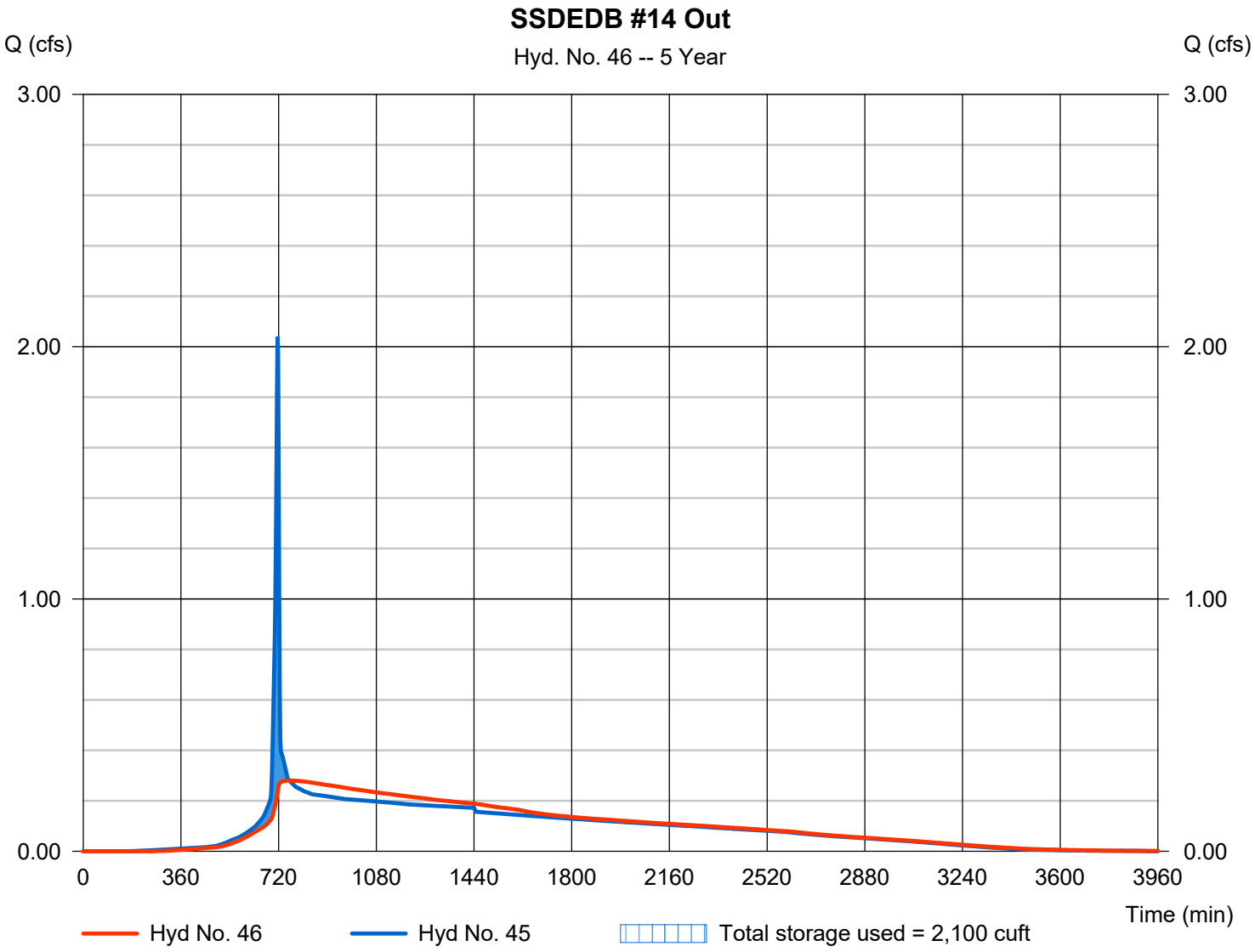
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.280 cfs
Storm frequency	=	5 yrs	Time to peak	=	758 min
Time interval	=	2 min	Hyd. volume	=	22,164 cuft
Inflow hyd. No.	=	45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	=	400.45 ft
Reservoir name	=	SSDEDB #14	Max. Storage	=	2,100 cuft

Storage Indication method used.



Hydrograph Report

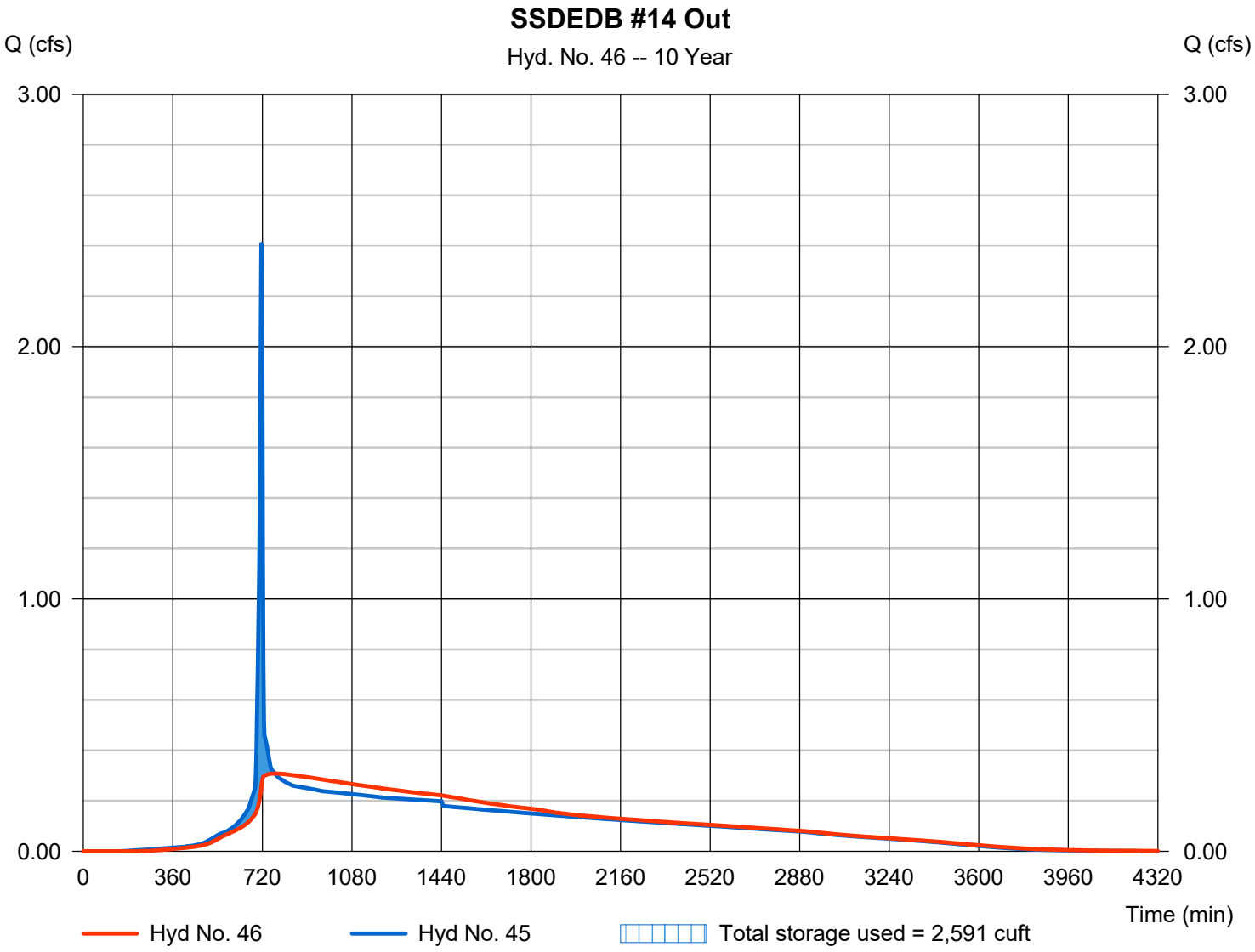
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.308 cfs
Storm frequency	= 10 yrs	Time to peak	= 770 min
Time interval	= 2 min	Hyd. volume	= 27,379 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	= 400.75 ft
Reservoir name	= SSDEDB #14	Max. Storage	= 2,591 cuft

Storage Indication method used.



Hydrograph Report

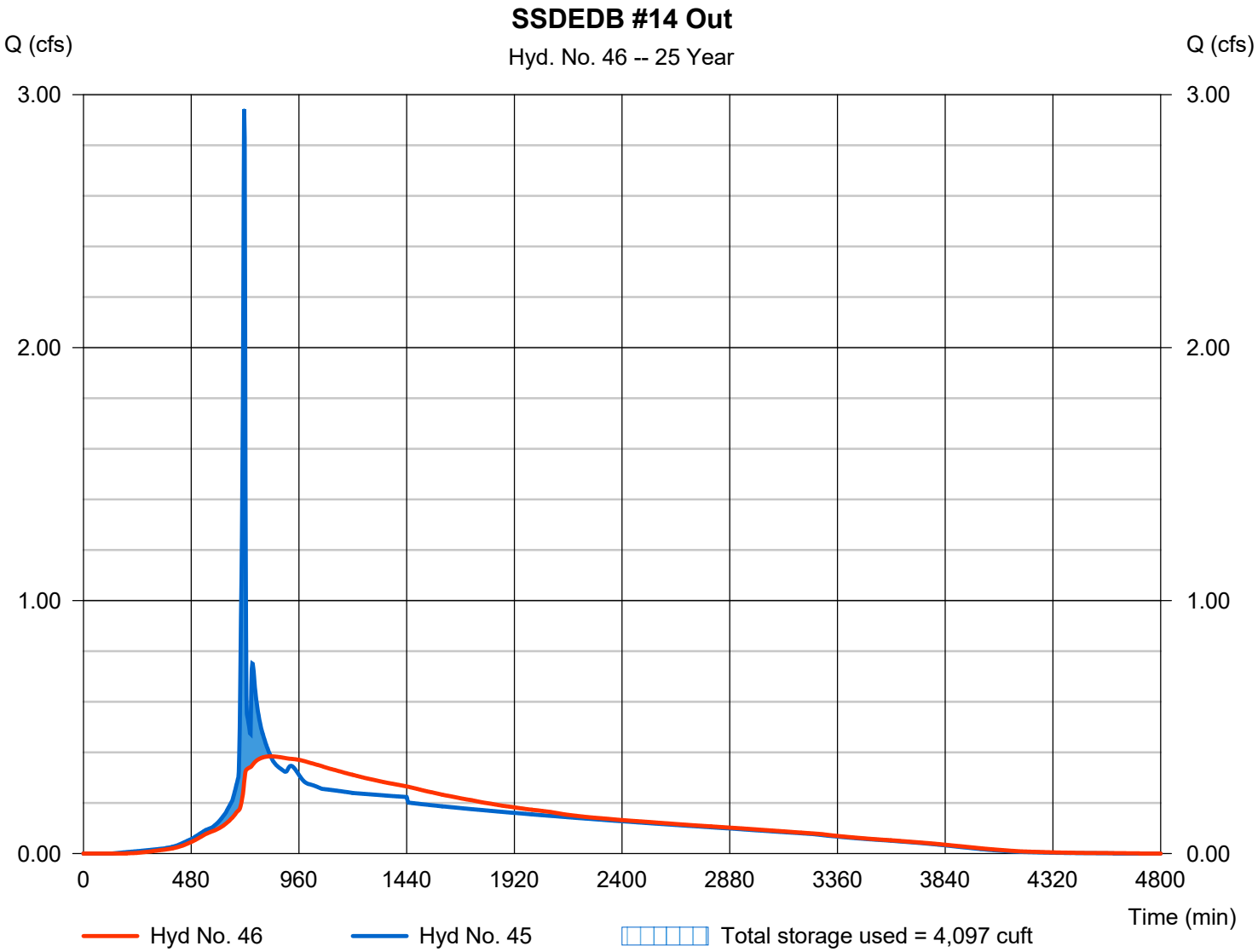
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.384 cfs
Storm frequency	= 25 yrs	Time to peak	= 834 min
Time interval	= 2 min	Hyd. volume	= 34,998 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	= 401.73 ft
Reservoir name	= SSDEDB #14	Max. Storage	= 4,097 cuft

Storage Indication method used.



Hydrograph Report

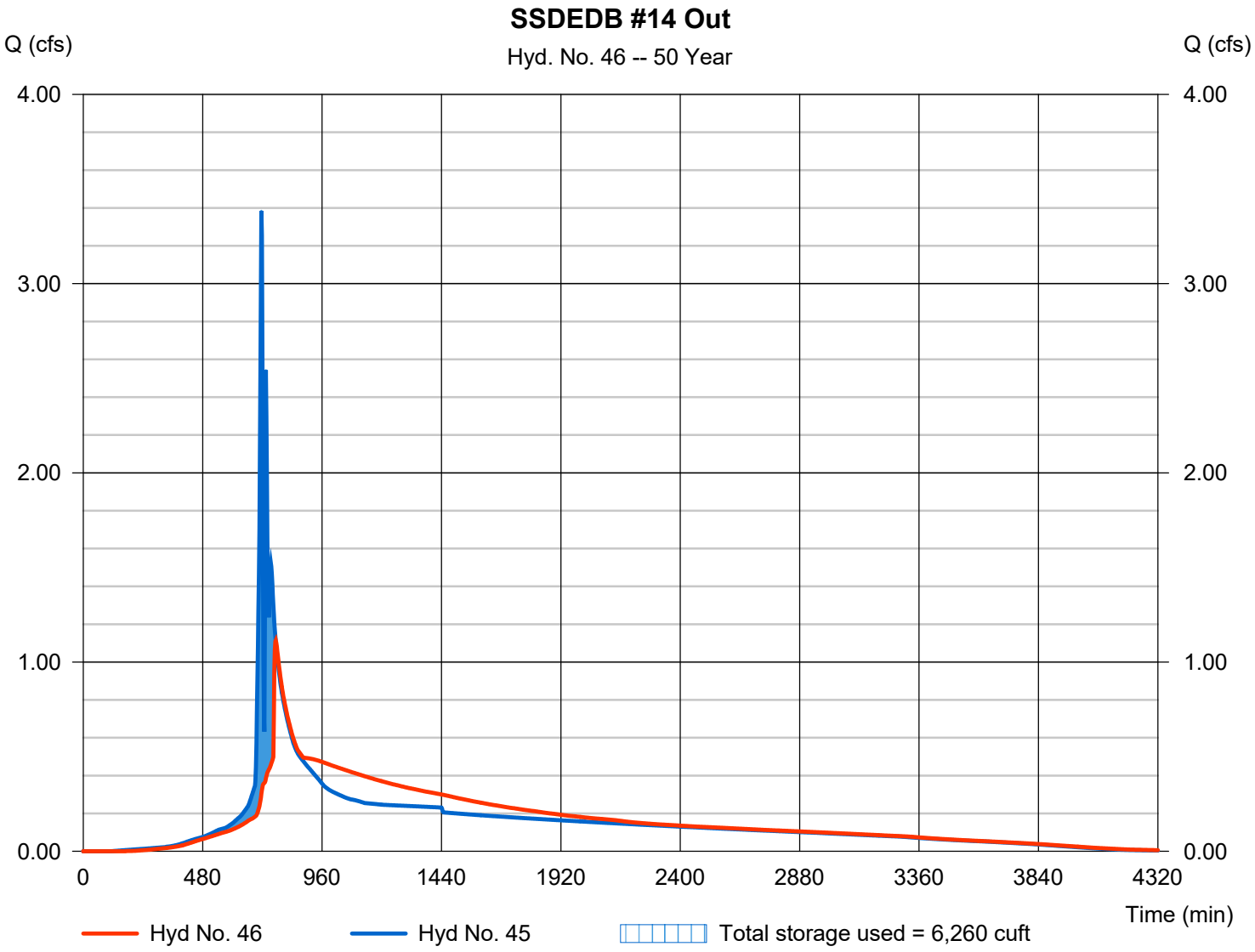
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	=	Reservoir	Peak discharge	=	1.114 cfs
Storm frequency	=	50 yrs	Time to peak	=	774 min
Time interval	=	2 min	Hyd. volume	=	41,471 cuft
Inflow hyd. No.	=	45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	=	403.71 ft
Reservoir name	=	SSDEDB #14	Max. Storage	=	6,260 cuft

Storage Indication method used.



Hydrograph Report

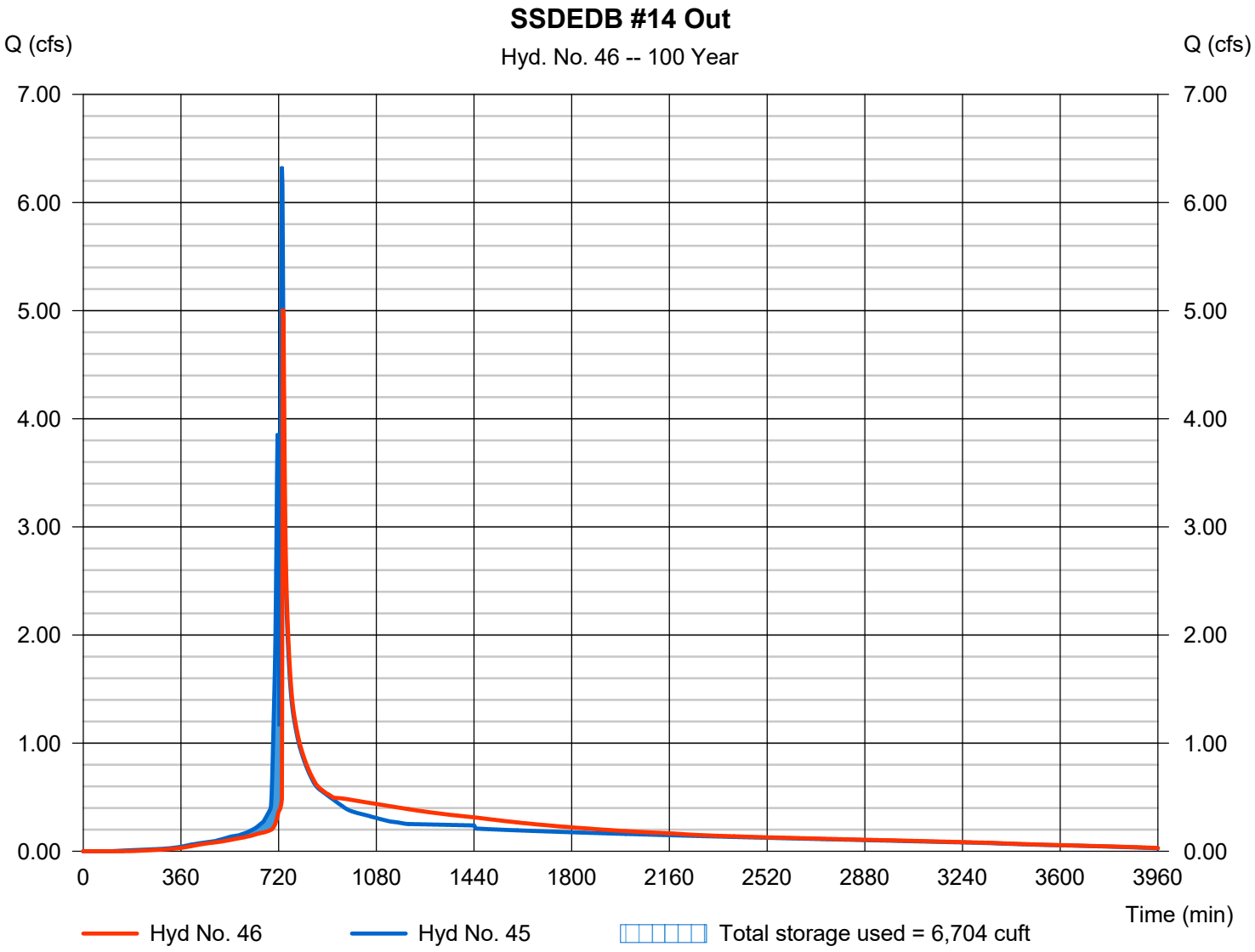
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 5.016 cfs
Storm frequency	= 100 yrs	Time to peak	= 736 min
Time interval	= 2 min	Hyd. volume	= 48,549 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out + SSDEDB #14 In	Max. Elevation	= 404.30 ft
Reservoir name	= SSDEDB #14	Max. Storage	= 6,704 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #15

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.13	61
IMPERVIOUS	0.39	98

TOTAL 0.52

TR55 Tc Worksheet

Hyd. No. 47

SSDEDB #15 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 14.10		0.00		0.00		
Travel Time (min)	**= 6.49**	**+**	**0.00**	**+**	**0.00**	**=**	**6.49**
Shallow Concentrated Flow							
Flow length (ft)	= 20.00		105.00		0.00		
Watercourse slope (%)	= 9.10		4.40		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=4.87		4.26		0.00		
Travel Time (min)	**= 0.07**	**+**	**0.41**	**+**	**0.00**	**=**	**0.48**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 7.00 min

Hydrograph Report

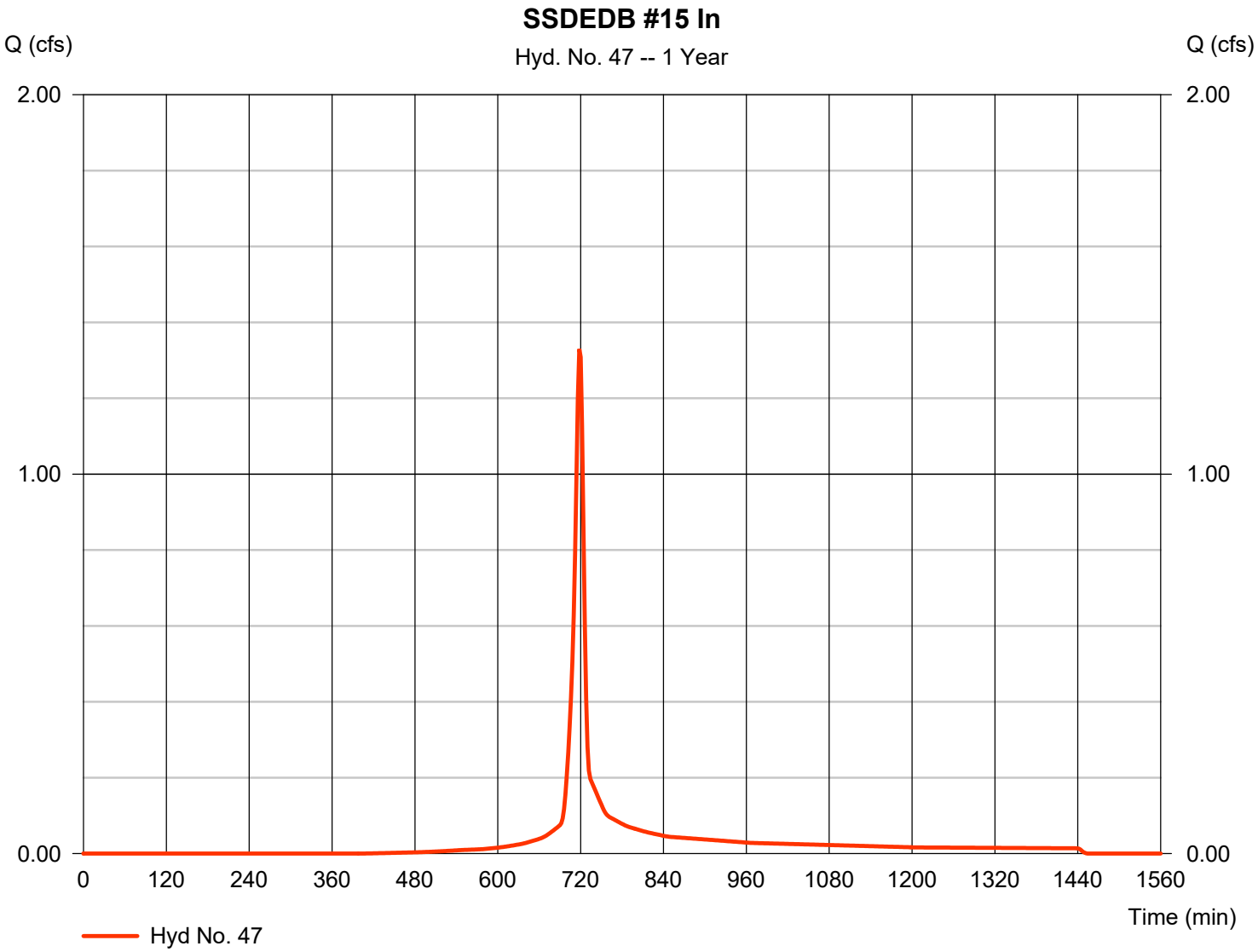
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.330 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 3,062 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

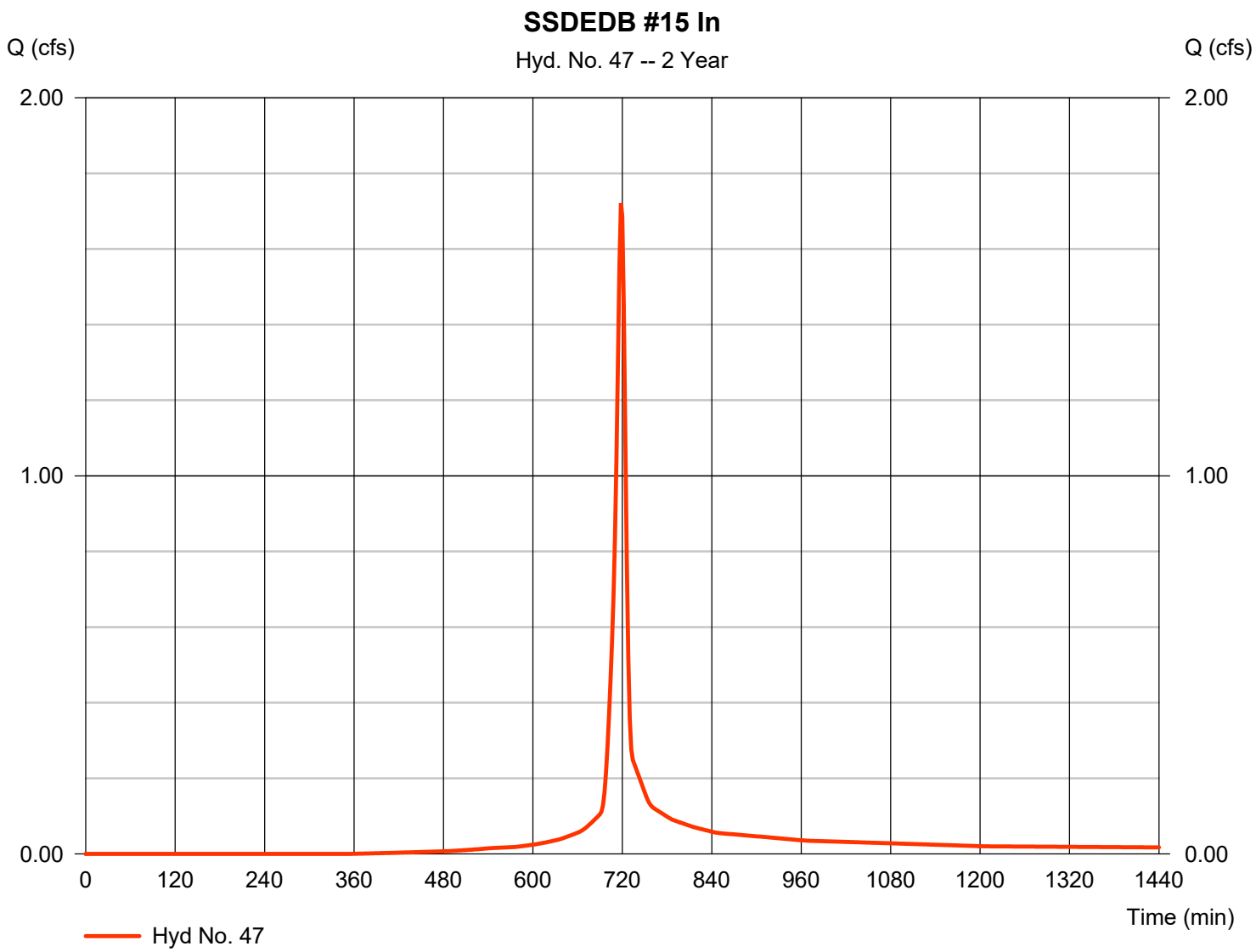
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.722 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 3,998 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

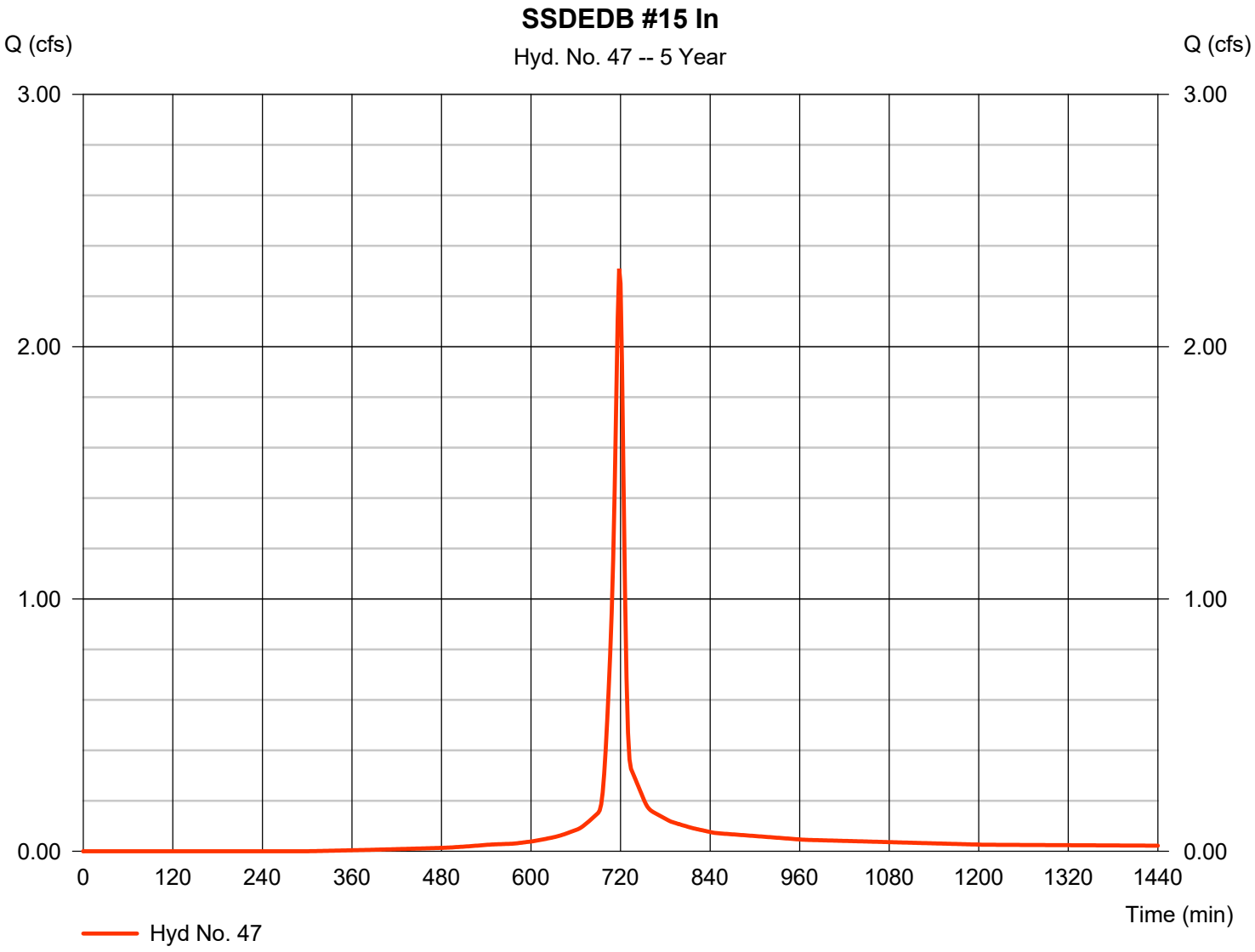
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.310 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 5,435 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

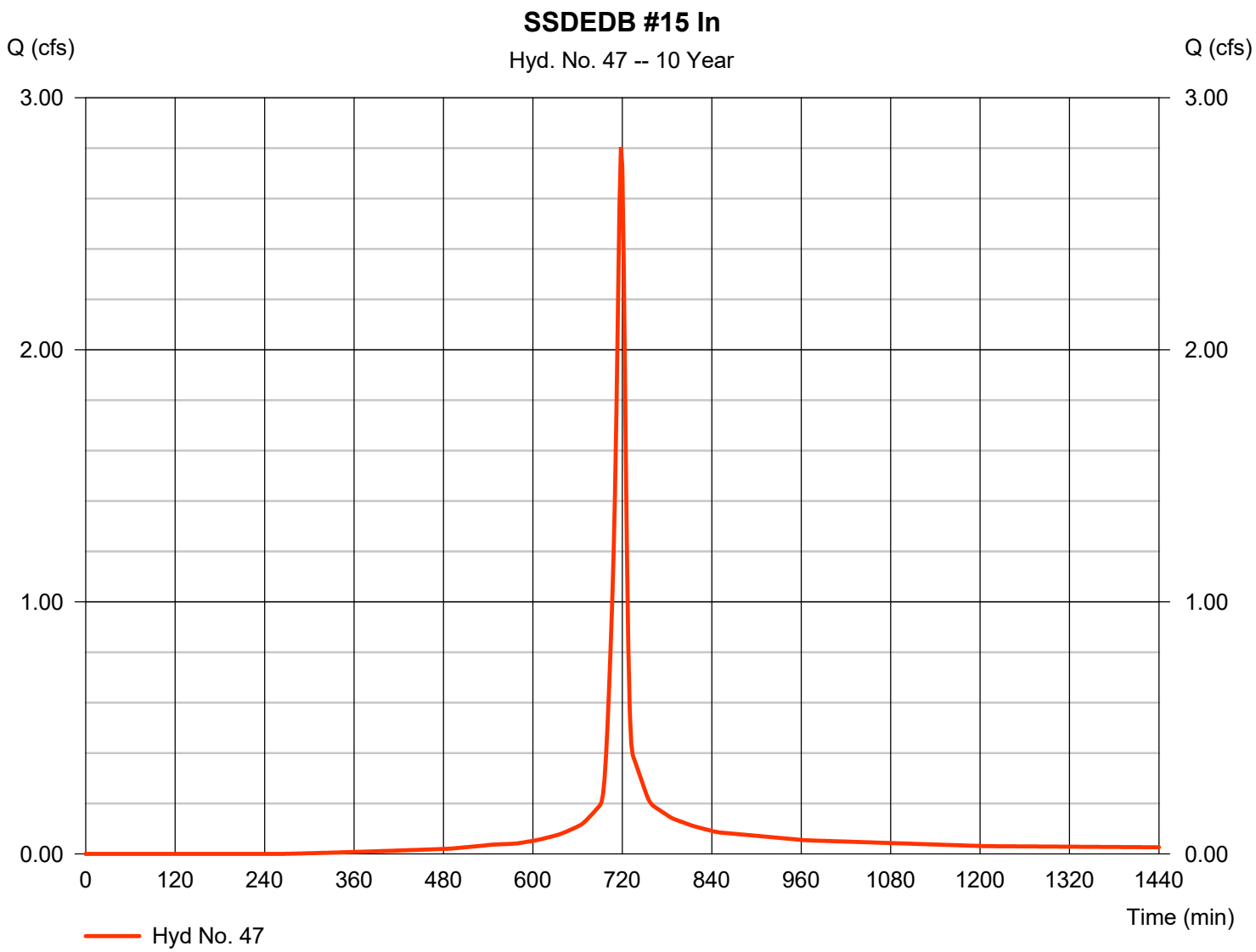
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.804 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 6,669 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

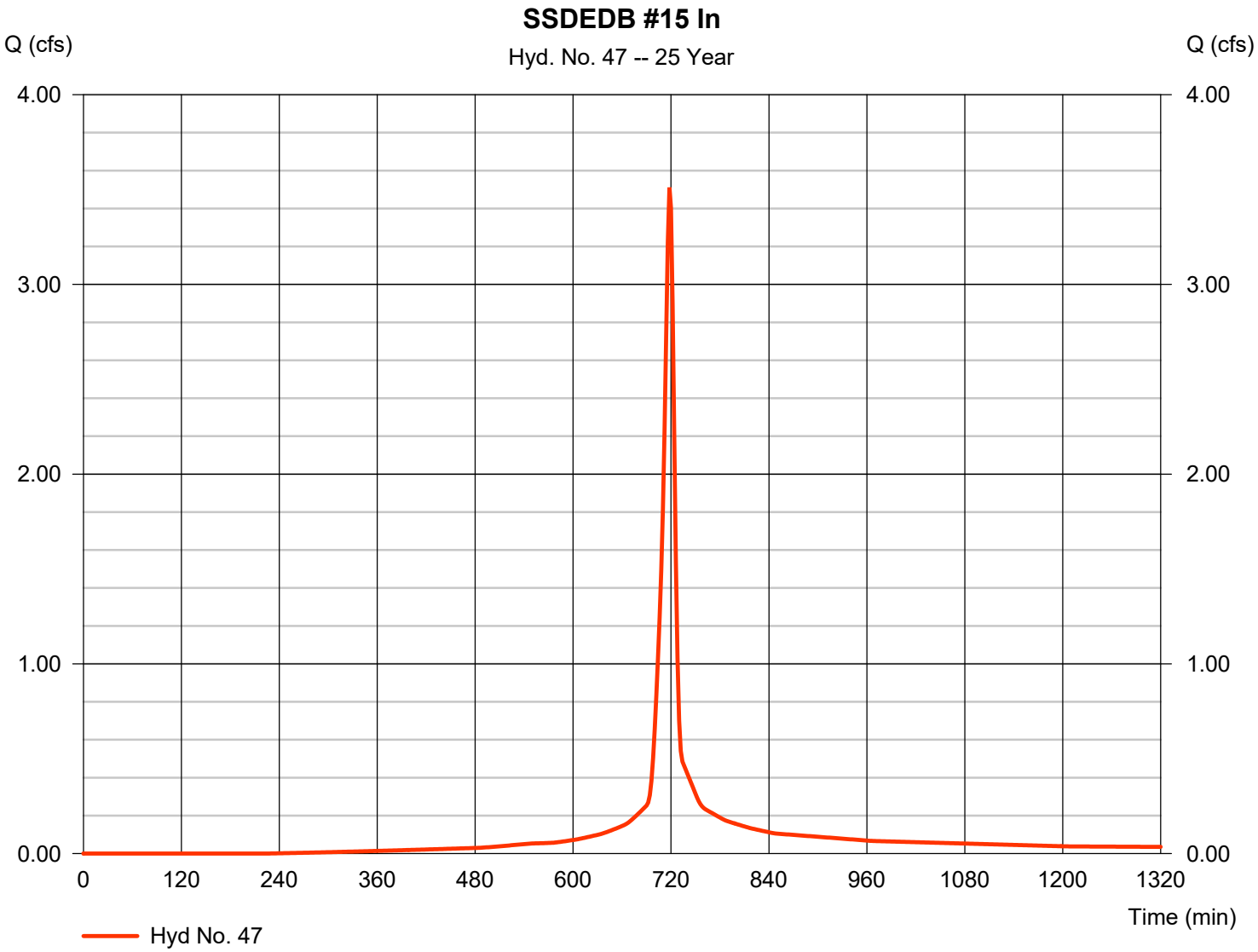
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.511 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 8,464 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

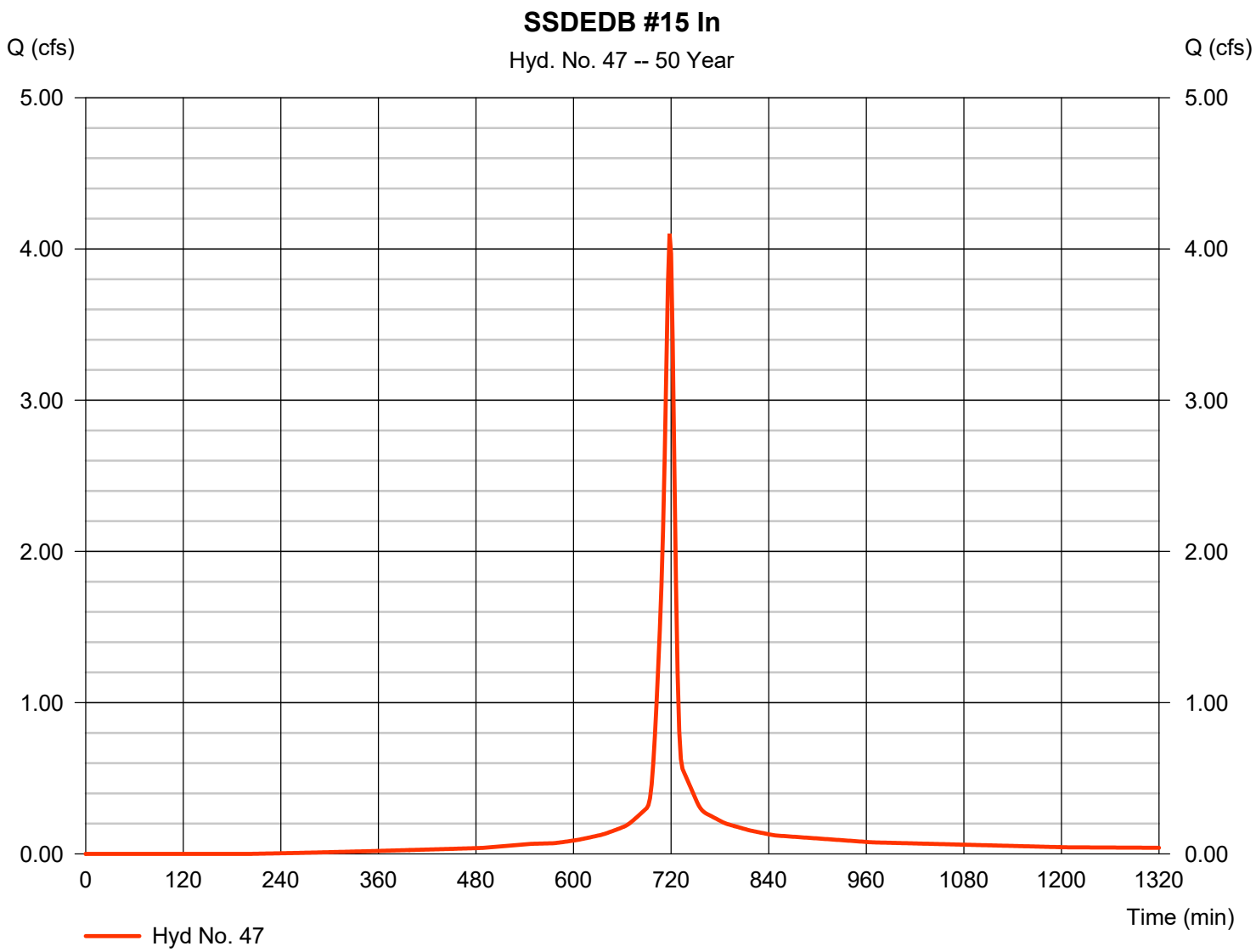
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.101 cfs
Storm frequency	=	50 yrs	Time to peak	=	718 min
Time interval	=	2 min	Hyd. volume	=	9,983 cuft
Drainage area	=	0.520 ac	Curve number	=	89*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	7.00 min
Total precip.	=	6.57 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



Hydrograph Report

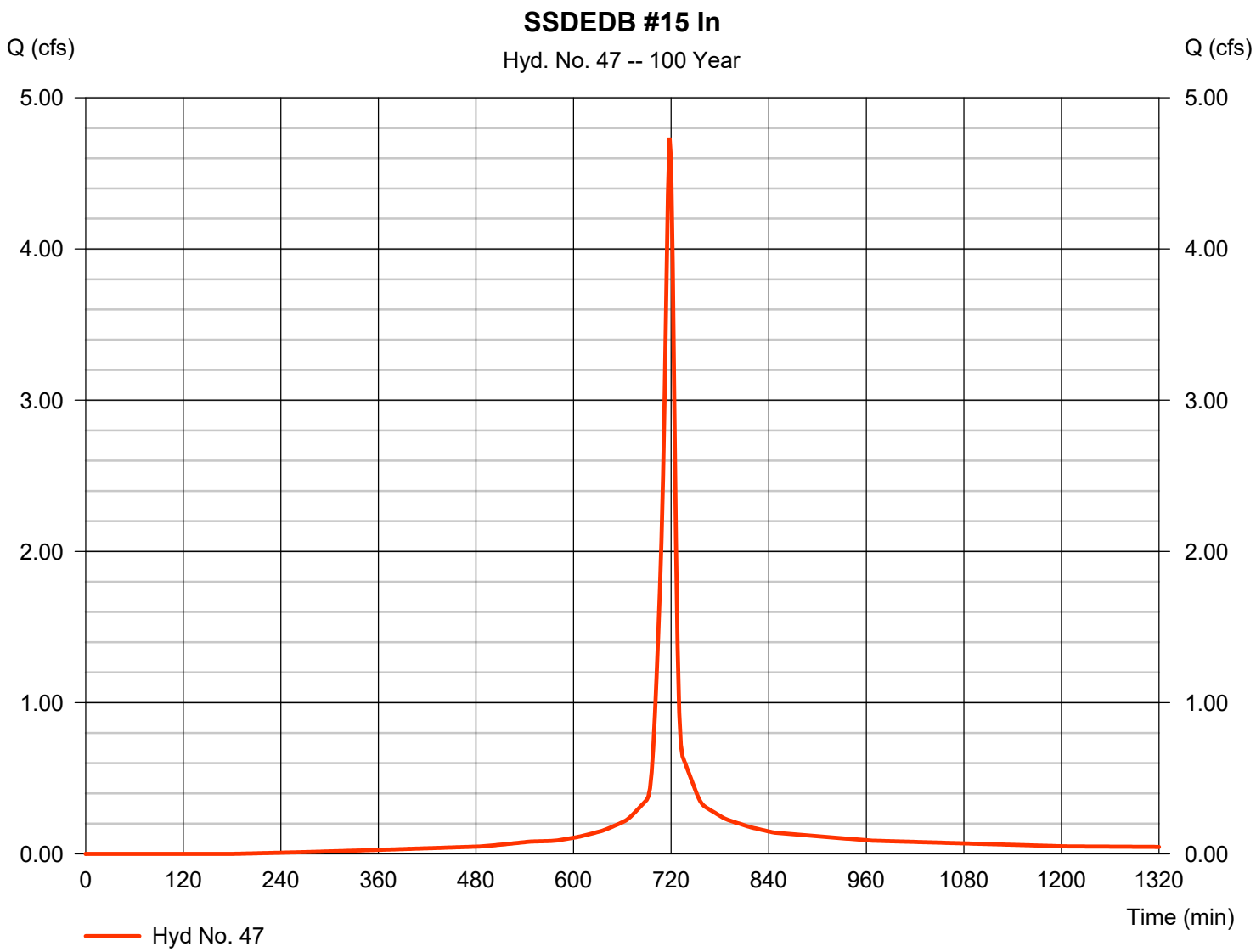
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 47

SSDEDB #15 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.737 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 11,642 cuft
Drainage area	= 0.520 ac	Curve number	= 89*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 7.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.130 x 61) + (0.390 x 98)] / 0.520



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #15

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	397.9500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	398.0333	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	398.1167	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	398.2000	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	398.2833	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	398.3667	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	398.4500	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	398.5333	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	398.6167	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	398.7000	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	398.7833	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	398.8667	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	398.9500	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	399.0333	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	399.1167	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	399.2000	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	399.2833	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	399.3667	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	399.4500	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	399.5333	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	399.6167	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	399.7000	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	399.7833	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	399.8667	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	399.9500	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	400.0333	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	400.1167	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	400.2000	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	400.2833	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	400.3667	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	400.4500	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	400.5333	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	400.6167	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	400.7000	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	400.7833	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	400.8667	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	400.9500	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	401.0333	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	401.1167	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	401.2000	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	401.2833	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	401.3667	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	401.4500	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	401.5333	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	401.6167	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	401.7000	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	401.7833	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	401.8667	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	401.9500	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	402.0333	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	402.1167	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	402.2000	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	402.2833	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	402.3667	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	402.4500	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	402.5333	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	402.6167	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	402.7000	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	402.7833	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	402.8667	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	402.9500	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	403.0333	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	403.1167	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	403.2000	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	403.2833	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	403.3667	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	403.4500	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 15 - SSDEDB #15

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	397.95	n/a	0	0
0.33	398.28	n/a	199	199
0.67	398.62	n/a	199	397
1.00	398.95	n/a	374	772
1.33	399.28	n/a	428	1,200
1.67	399.62	n/a	421	1,620
2.00	399.95	n/a	412	2,033
2.33	400.28	n/a	402	2,434
2.67	400.62	n/a	389	2,823
3.00	400.95	n/a	373	3,197
3.33	401.28	n/a	354	3,550
3.67	401.62	n/a	330	3,880
4.00	401.95	n/a	296	4,177
4.33	402.28	n/a	238	4,415
4.67	402.62	n/a	203	4,617
5.00	402.95	n/a	199	4,816
5.33	403.28	n/a	199	5,015
5.50	403.45	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.00	0.00	0.00
Span (in)	= 15.00	1.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 397.95	397.95	0.00	0.00
Length (ft)	= 6.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 402.70	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	397.95	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	398.28	0.01 ic	0.01 ic	---	---	0.00	---	---	---	---	---	0.014
0.67	397	398.62	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.020
1.00	772	398.95	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.025
1.33	1,200	399.28	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.029
1.67	1,620	399.62	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.033
2.00	2,033	399.95	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.036
2.33	2,434	400.28	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
2.67	2,823	400.62	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.042
3.00	3,197	400.95	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
3.33	3,550	401.28	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.047
3.67	3,880	401.62	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.050
4.00	4,177	401.95	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.052
4.33	4,415	402.28	0.06 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.054
4.67	4,617	402.62	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
5.00	4,816	402.95	0.89 oc	0.06 ic	---	---	0.83	---	---	---	---	---	0.885
5.33	5,015	403.28	3.02 oc	0.05 ic	---	---	2.96	---	---	---	---	---	3.016
5.50	5,114	403.45	4.38 oc	0.05 ic	---	---	4.33	---	---	---	---	---	4.378

Hydrograph Report

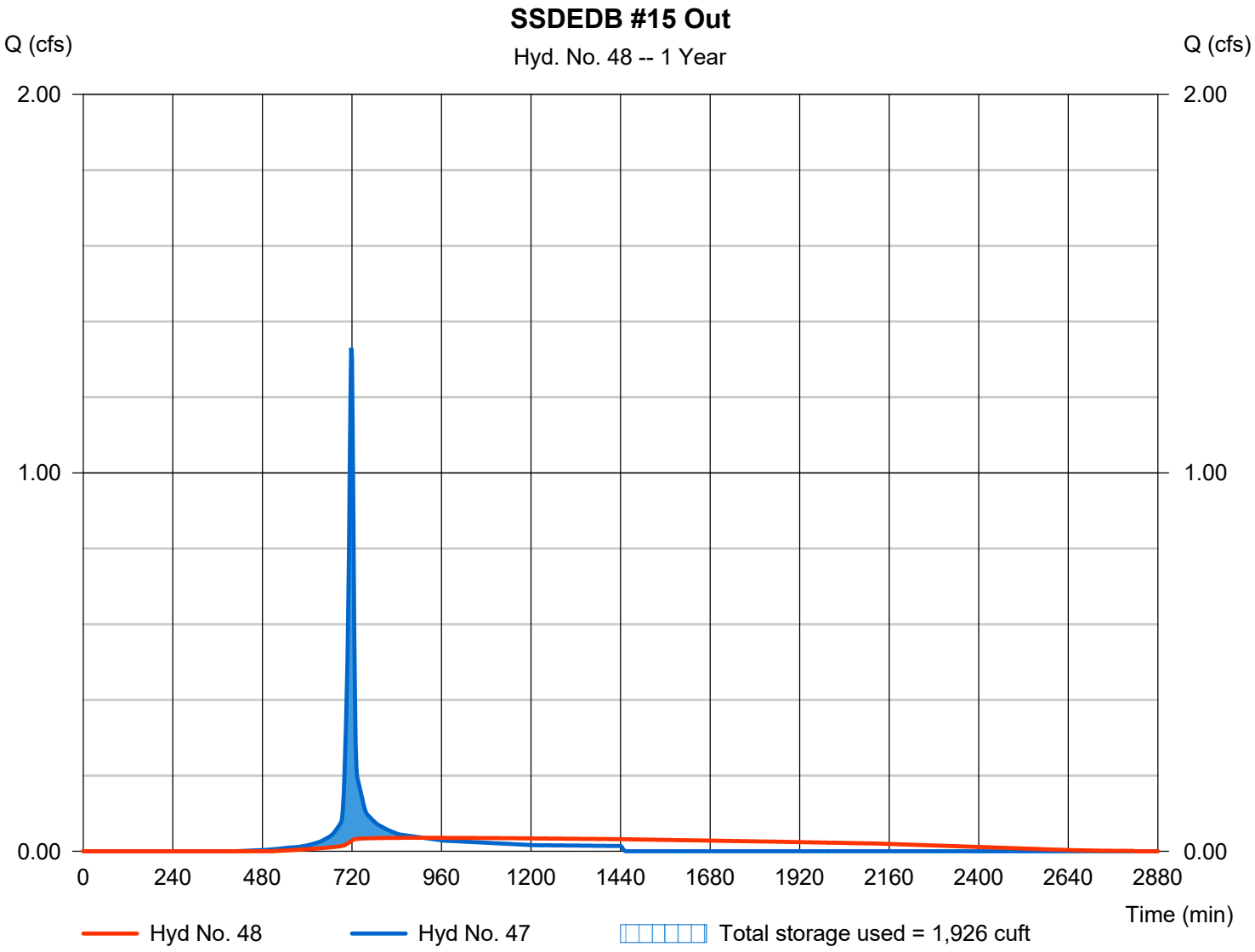
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.036 cfs
Storm frequency	= 1 yrs	Time to peak	= 912 min
Time interval	= 2 min	Hyd. volume	= 3,047 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 399.86 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 1,926 cuft

Storage Indication method used.



Hydrograph Report

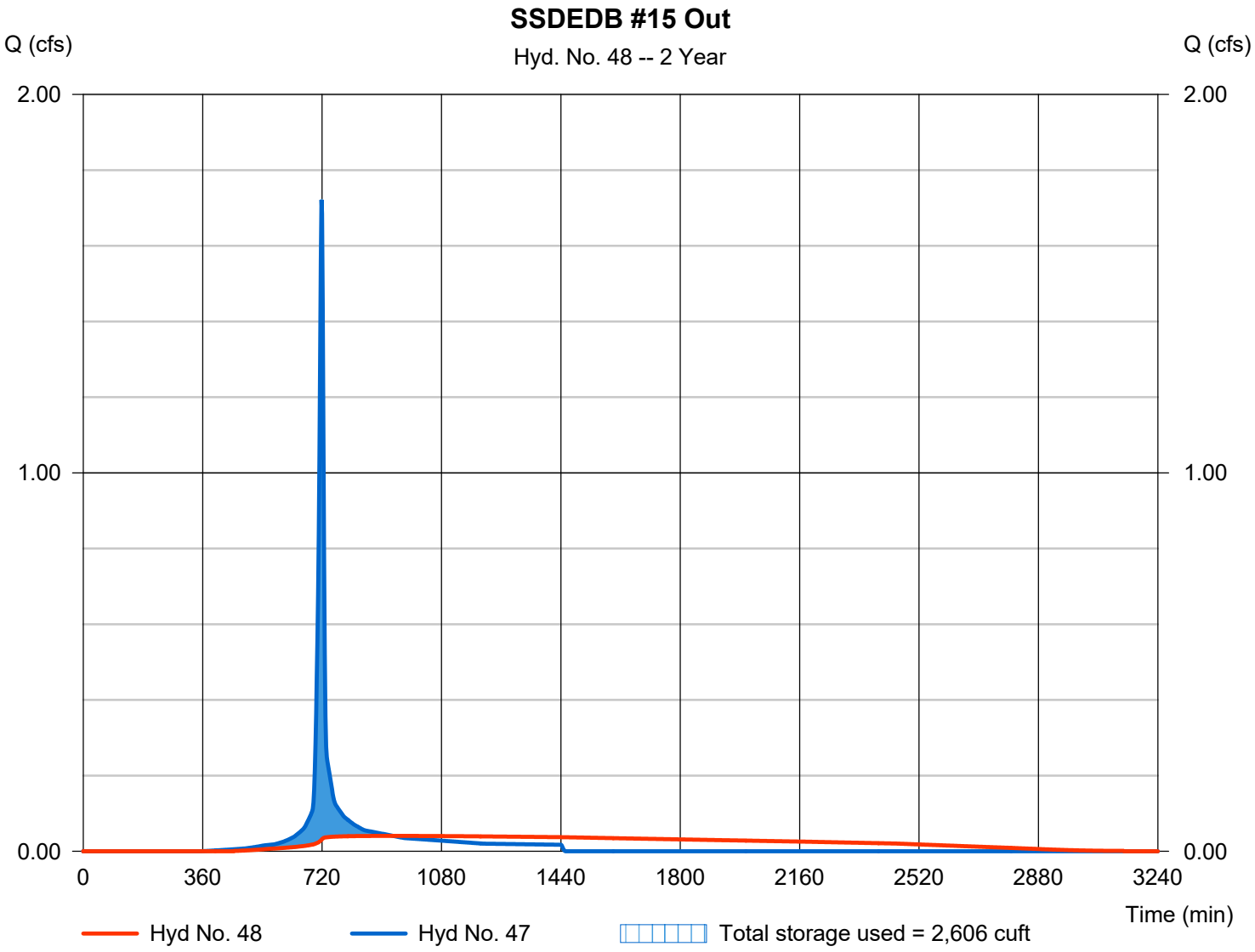
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.041 cfs
Storm frequency	= 2 yrs	Time to peak	= 934 min
Time interval	= 2 min	Hyd. volume	= 3,983 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 400.43 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 2,606 cuft

Storage Indication method used.



Hydrograph Report

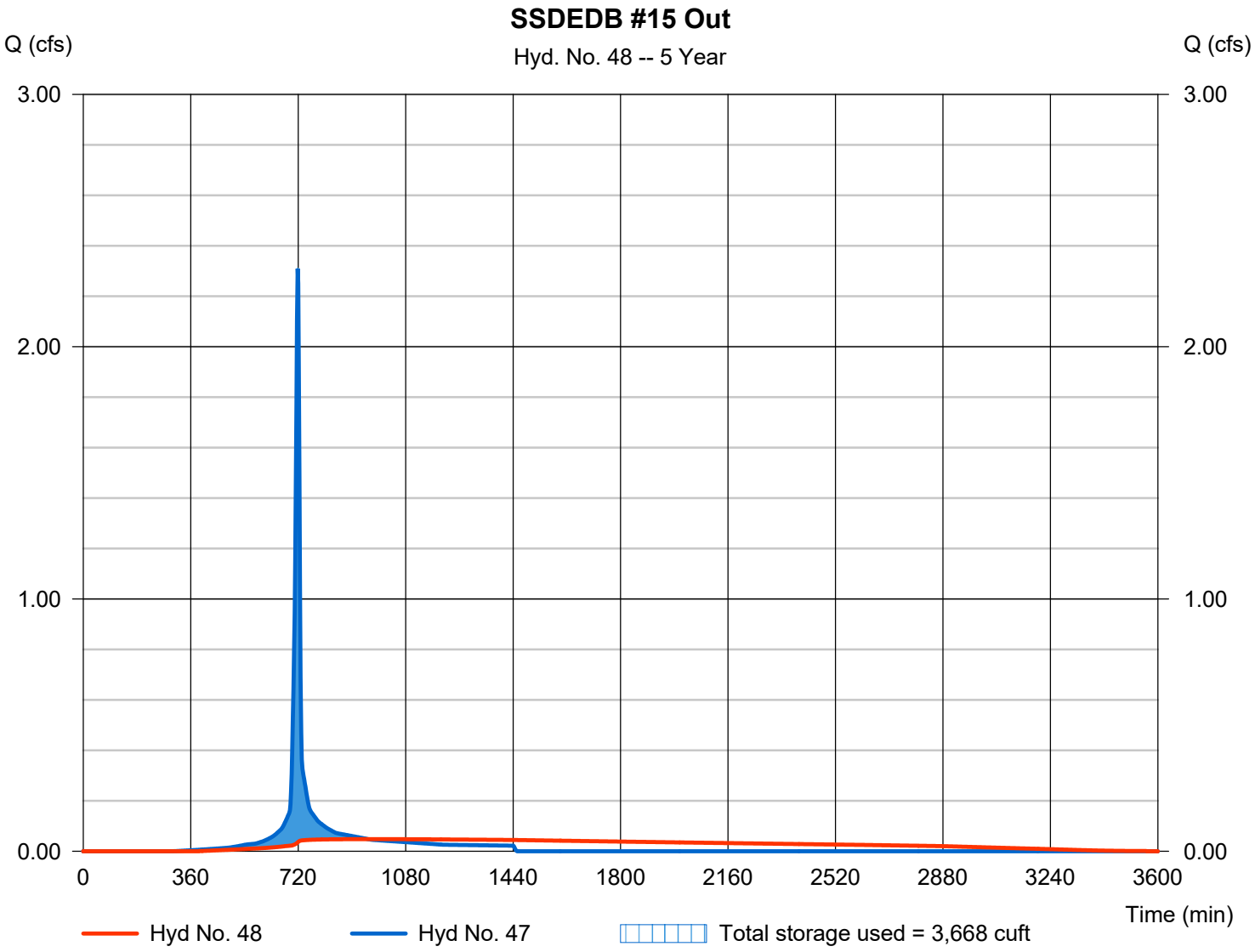
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.048 cfs
Storm frequency	= 5 yrs	Time to peak	= 954 min
Time interval	= 2 min	Hyd. volume	= 5,420 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 401.40 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 3,668 cuft

Storage Indication method used.



Hydrograph Report

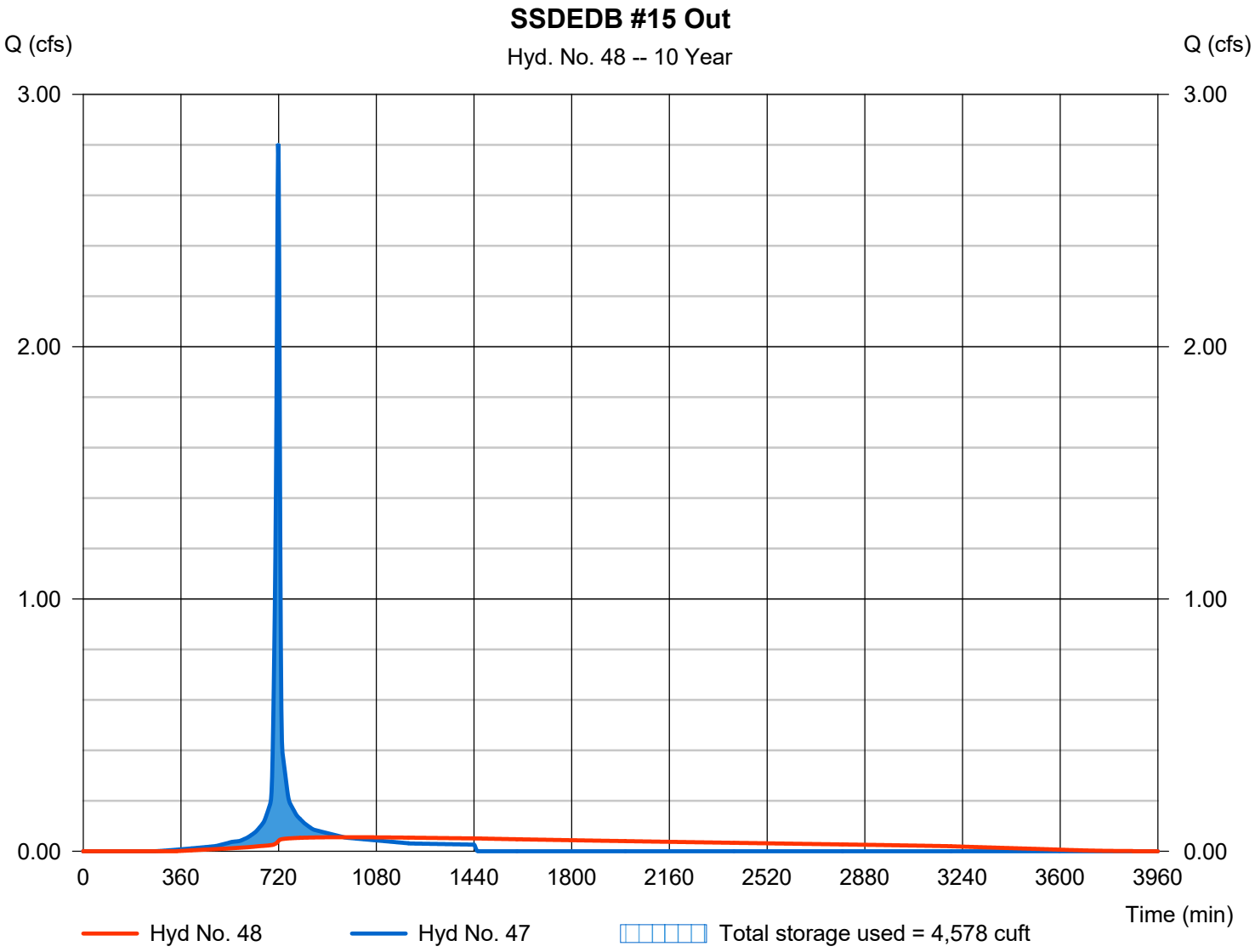
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 10 yrs	Time to peak	= 960 min
Time interval	= 2 min	Hyd. volume	= 6,654 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 402.55 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 4,578 cuft

Storage Indication method used.



Hydrograph Report

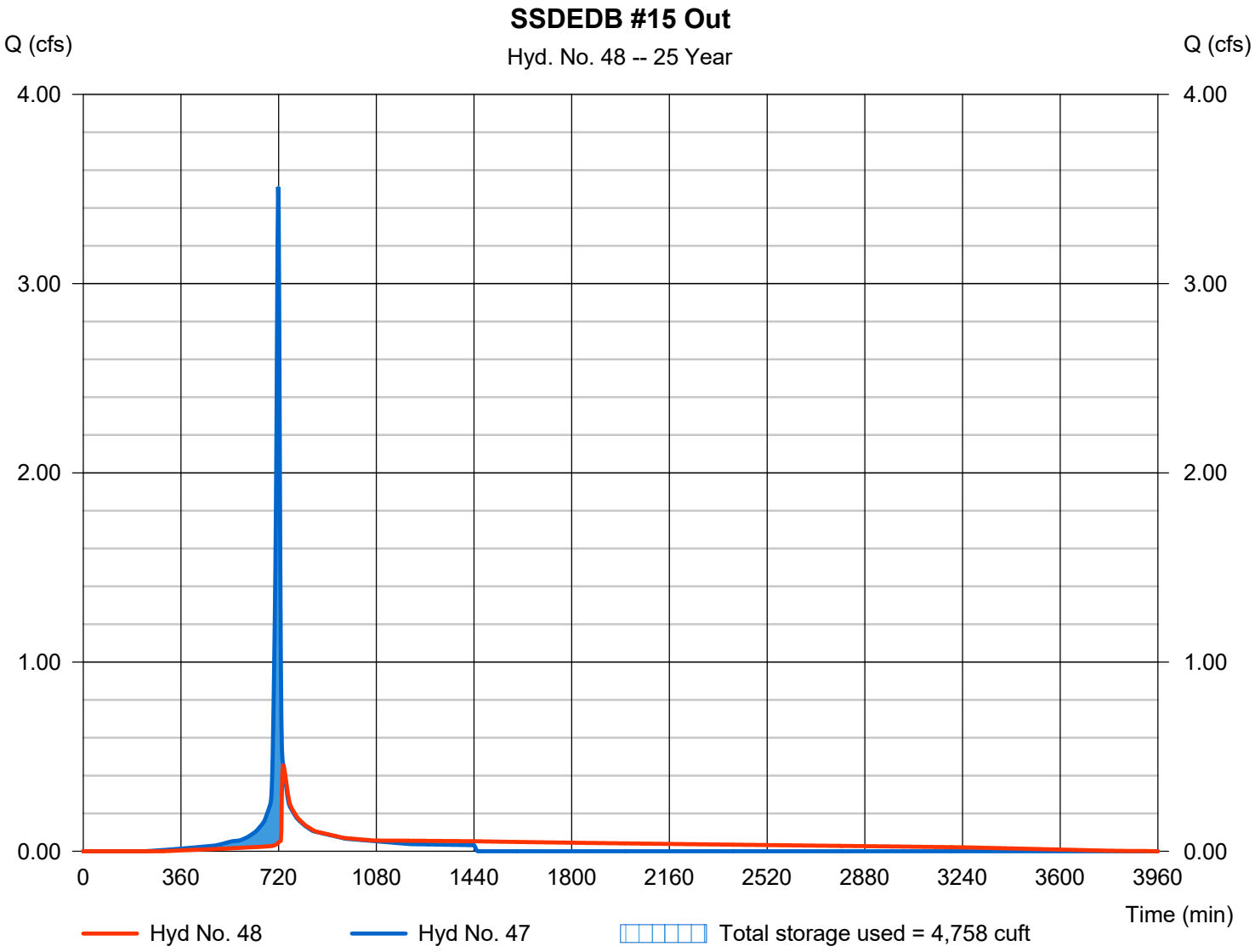
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.453 cfs
Storm frequency	= 25 yrs	Time to peak	= 738 min
Time interval	= 2 min	Hyd. volume	= 8,448 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 402.85 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 4,758 cuft

Storage Indication method used.



Hydrograph Report

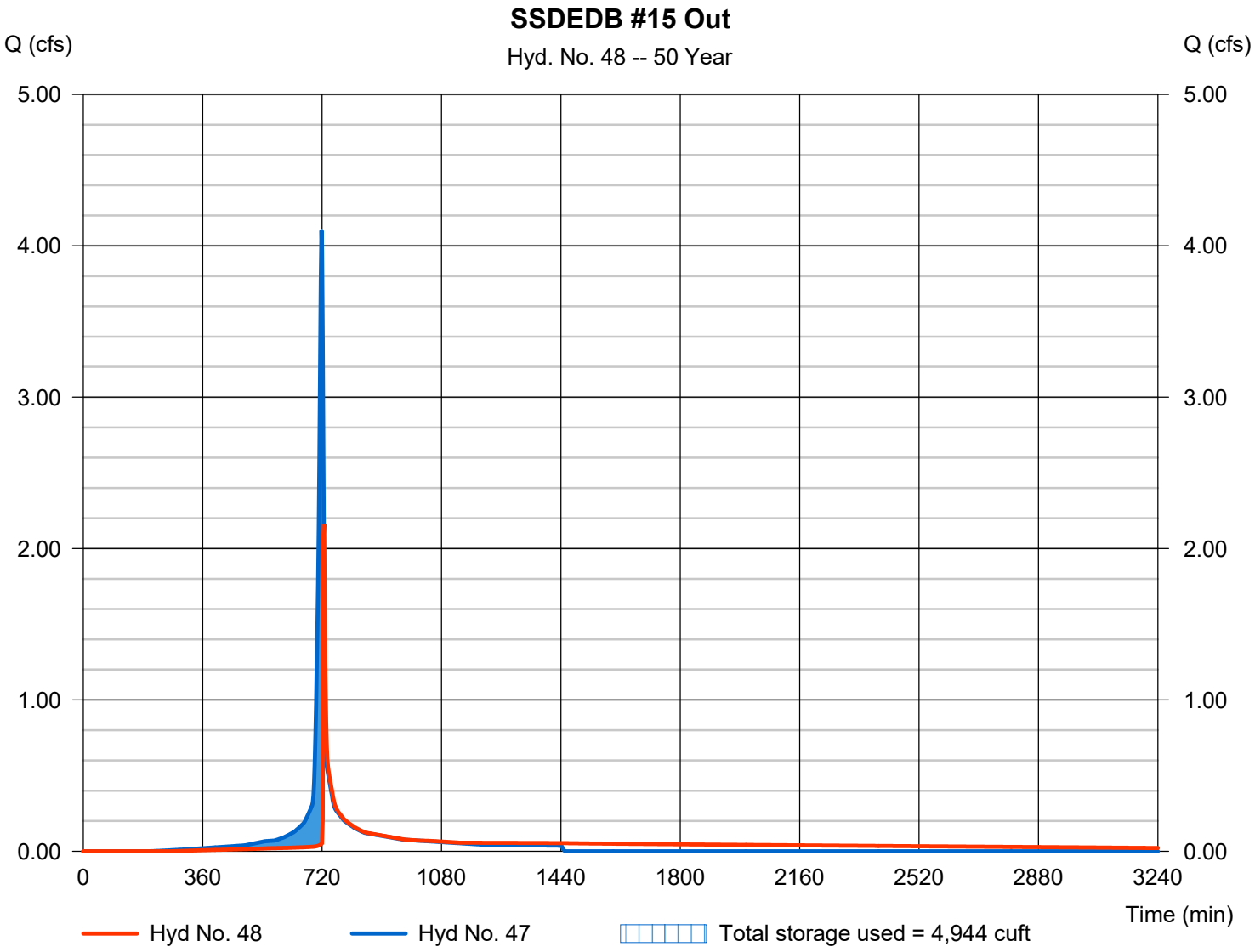
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.160 cfs
Storm frequency	= 50 yrs	Time to peak	= 726 min
Time interval	= 2 min	Hyd. volume	= 9,968 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 403.20 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 4,944 cuft

Storage Indication method used.



Hydrograph Report

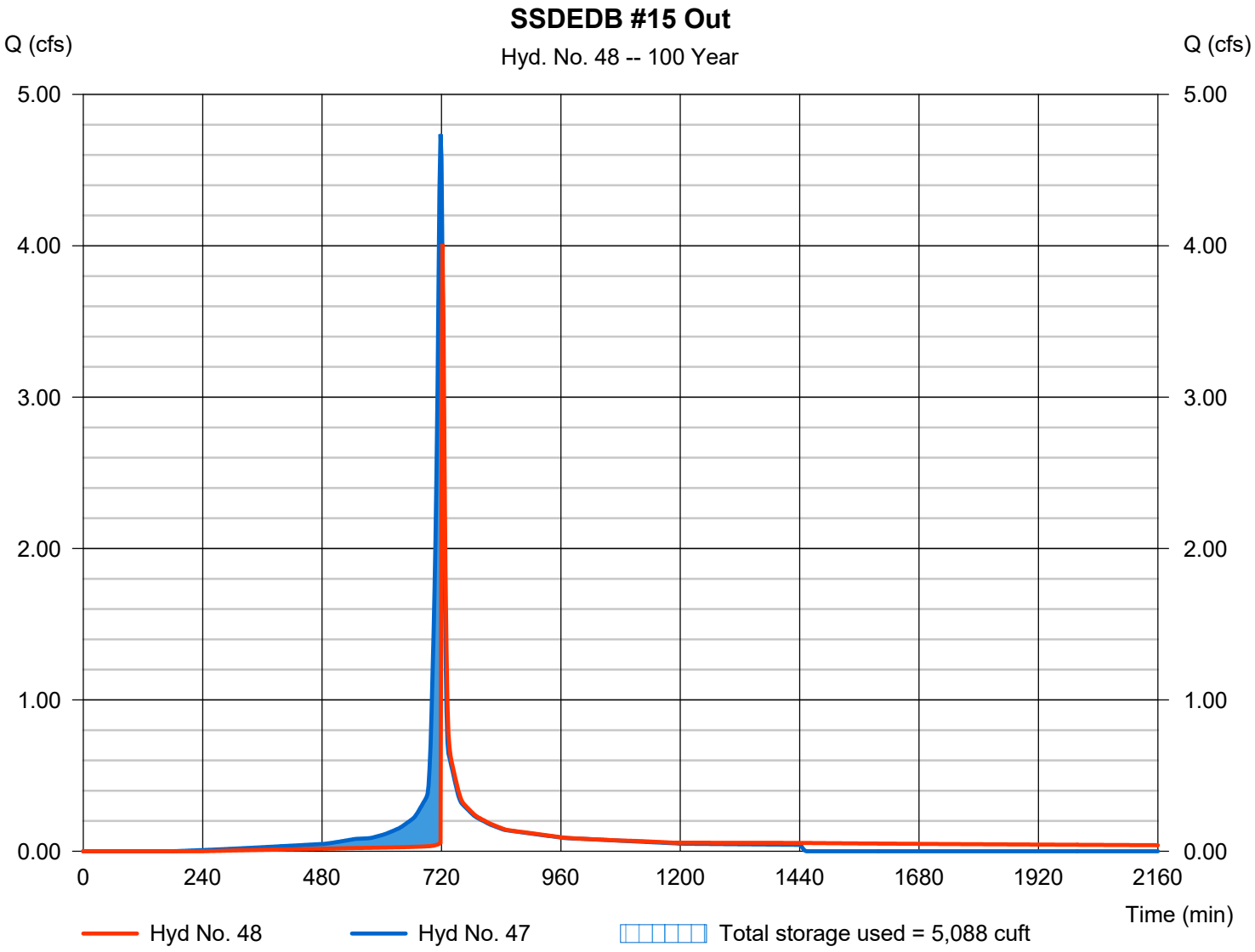
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 4.012 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 11,626 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Max. Elevation	= 403.42 ft
Reservoir name	= SSDEDB #15	Max. Storage	= 5,088 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #16

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.06	61
IMPERVIOUS	0.33	98

TOTAL 0.39

TR55 Tc Worksheet

Hyd. No. 49

SSDEDB #16 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 70.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 11.40		0.00		0.00		
Travel Time (min)	**= 5.31**	**+**	**0.00**	**+**	**0.00**	**=**	**5.31**
Shallow Concentrated Flow							
Flow length (ft)	= 25.00		0.00		0.00		
Watercourse slope (%)	= 4.40		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=4.26		0.00		0.00		
Travel Time (min)	**= 0.10**	**+**	**0.00**	**+**	**0.00**	**=**	**0.10**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 5.40 min

Hydrograph Report

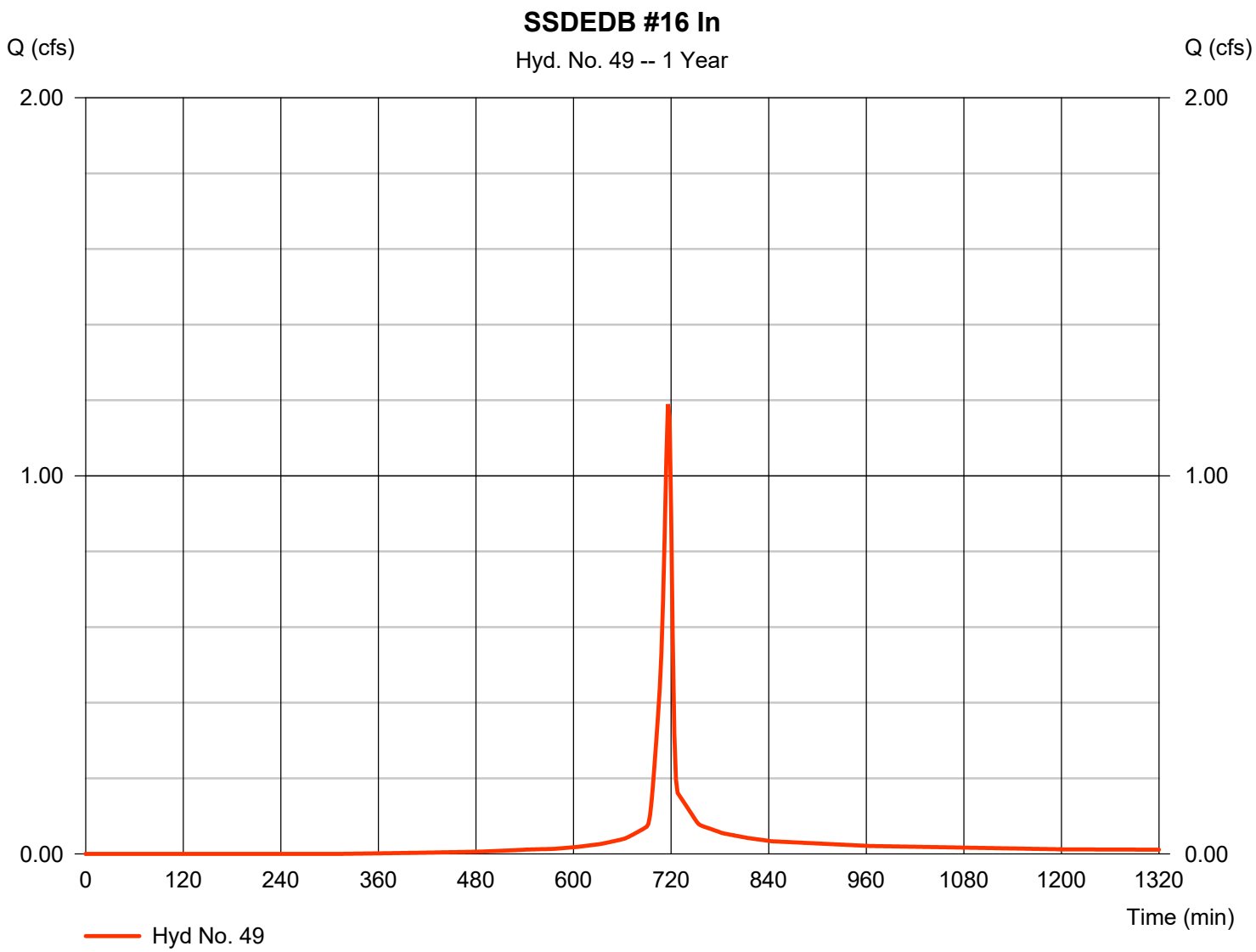
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.190 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 2,482 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

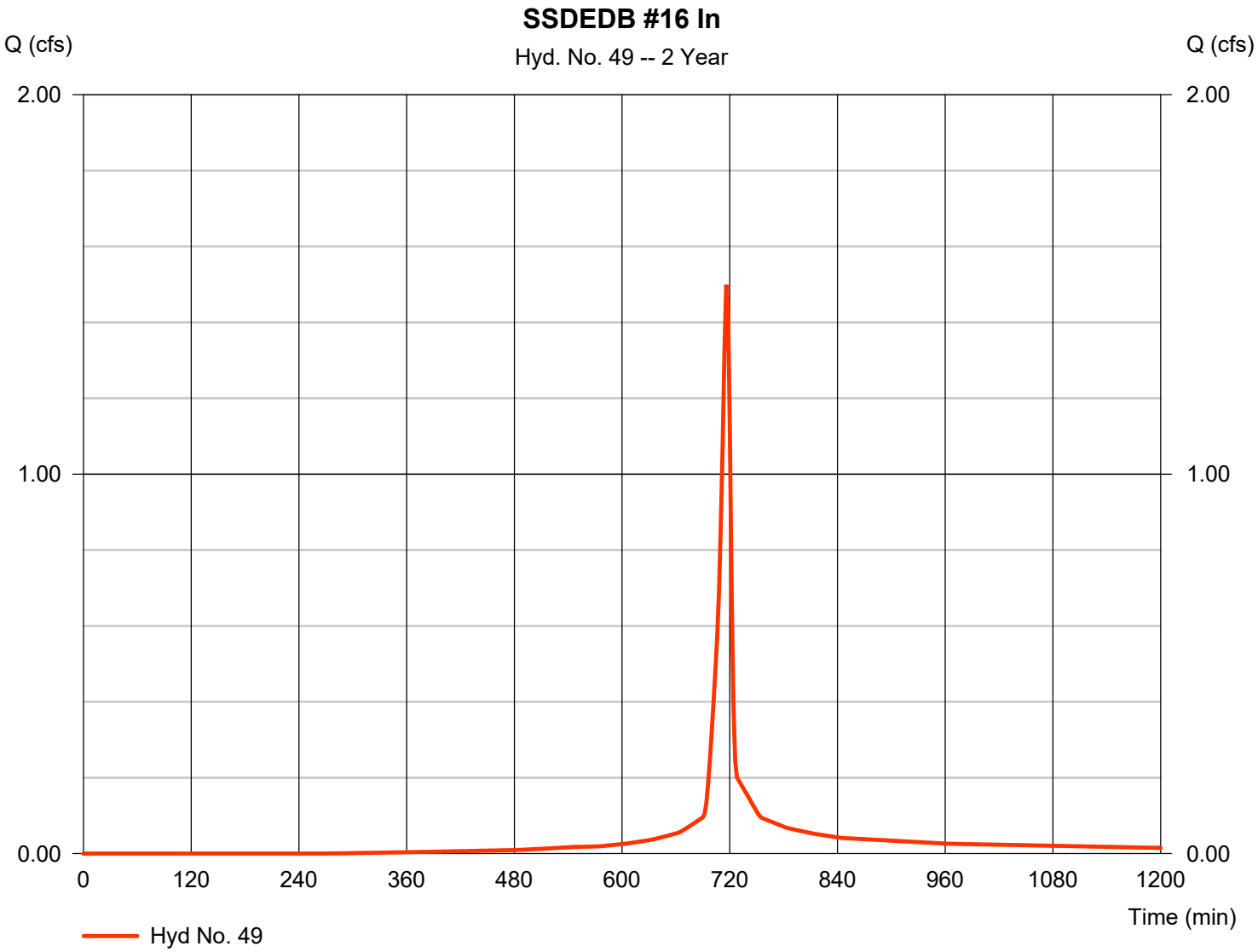
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.499 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 3,170 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

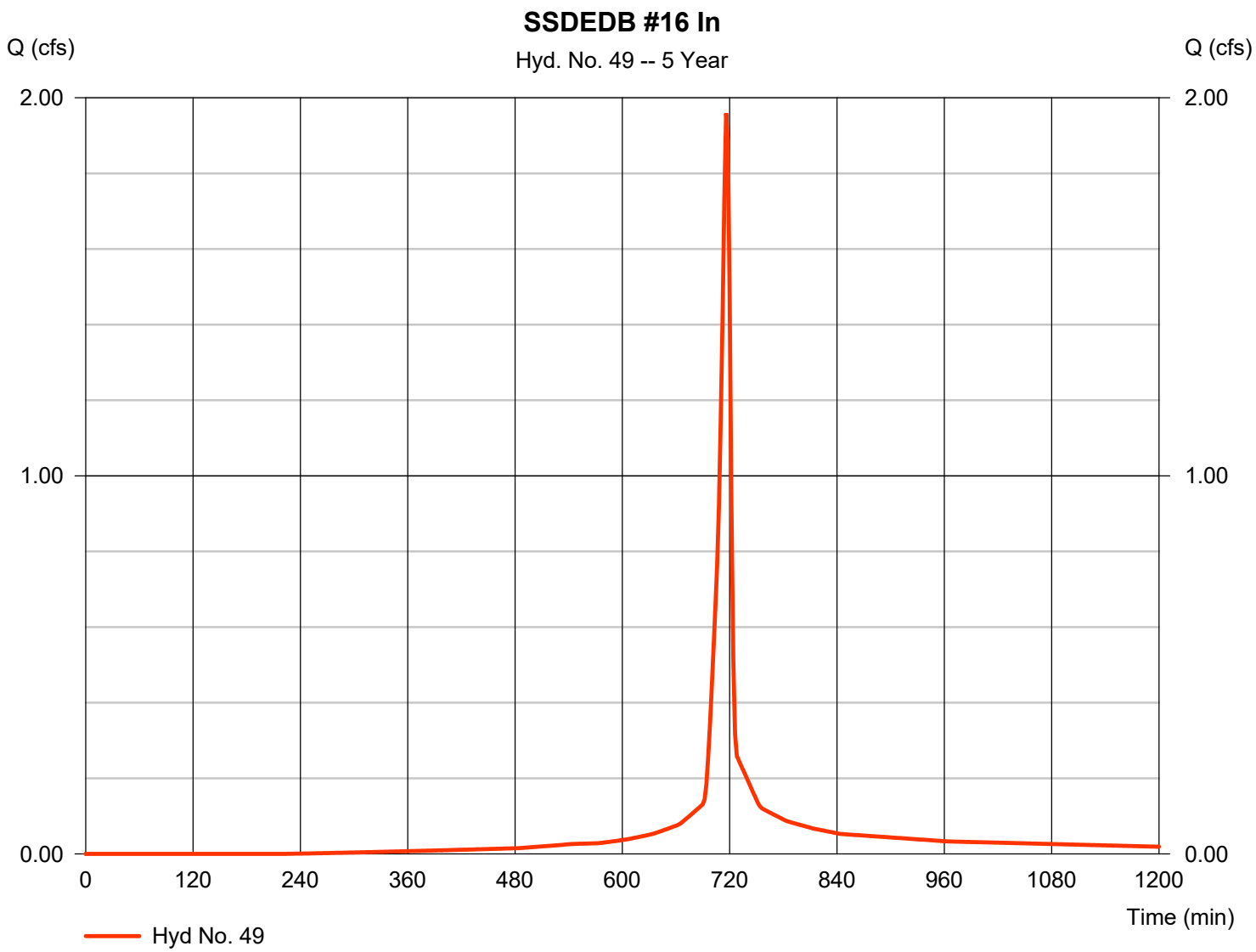
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.959 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 4,215 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

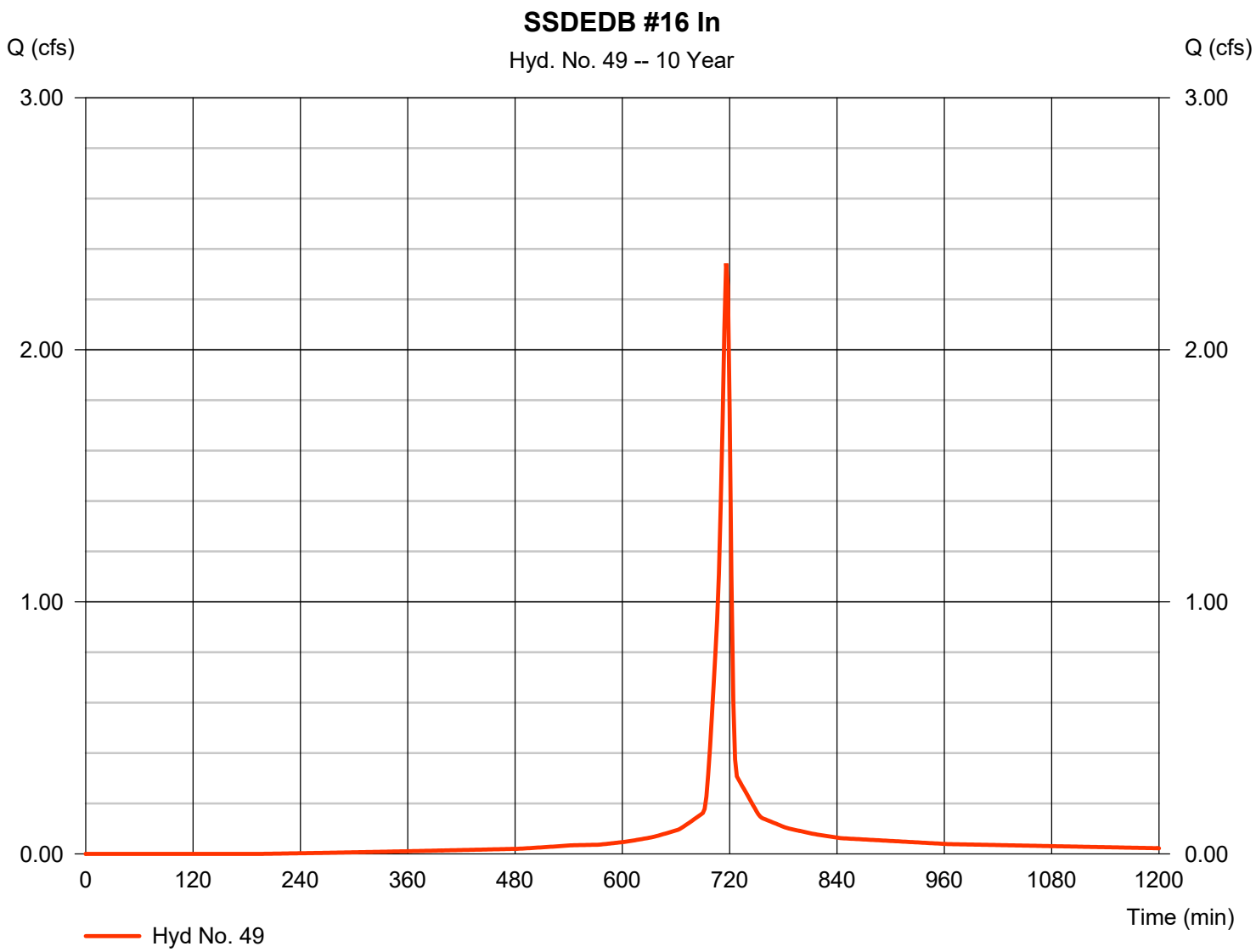
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.343 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,104 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

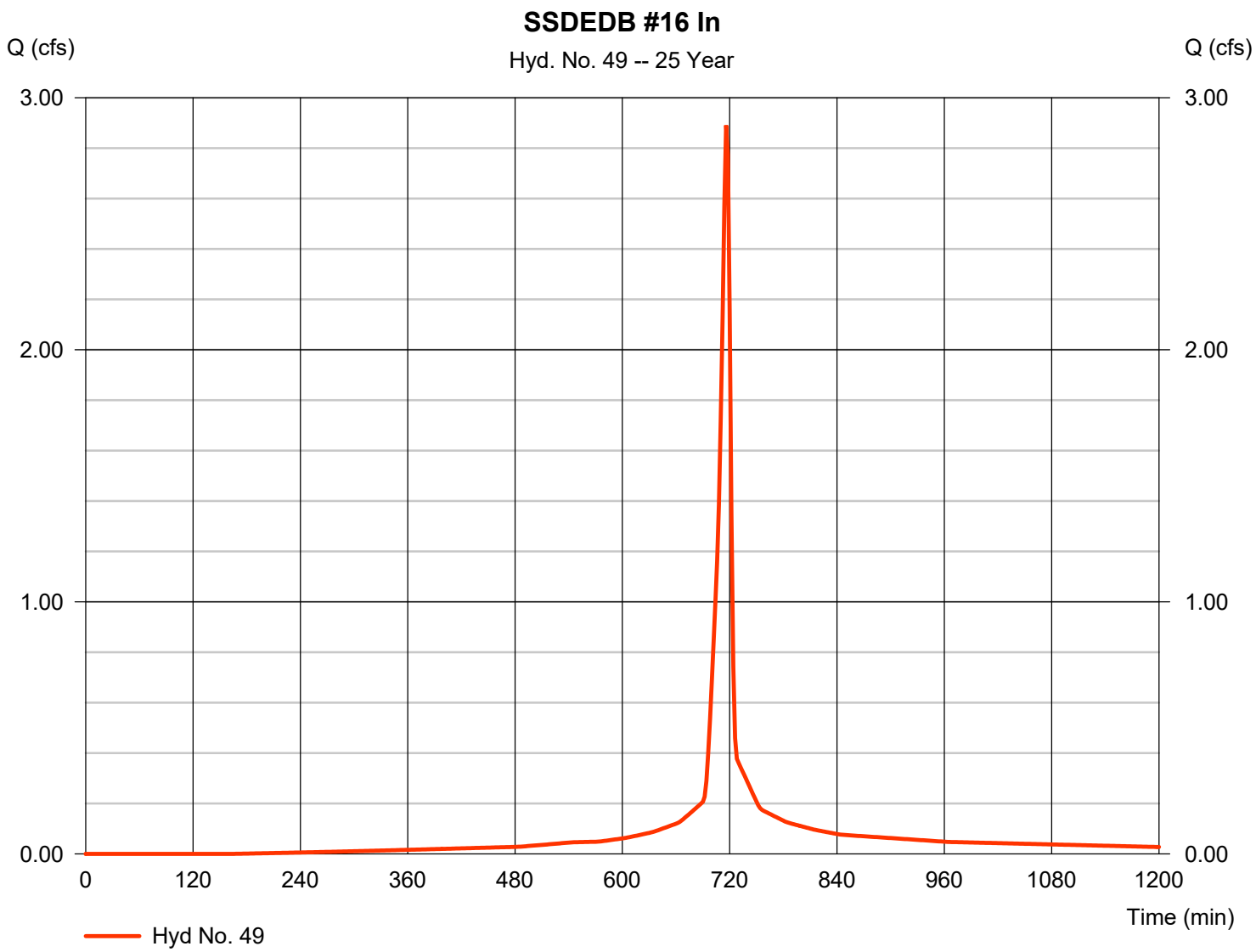
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.890 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 6,389 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

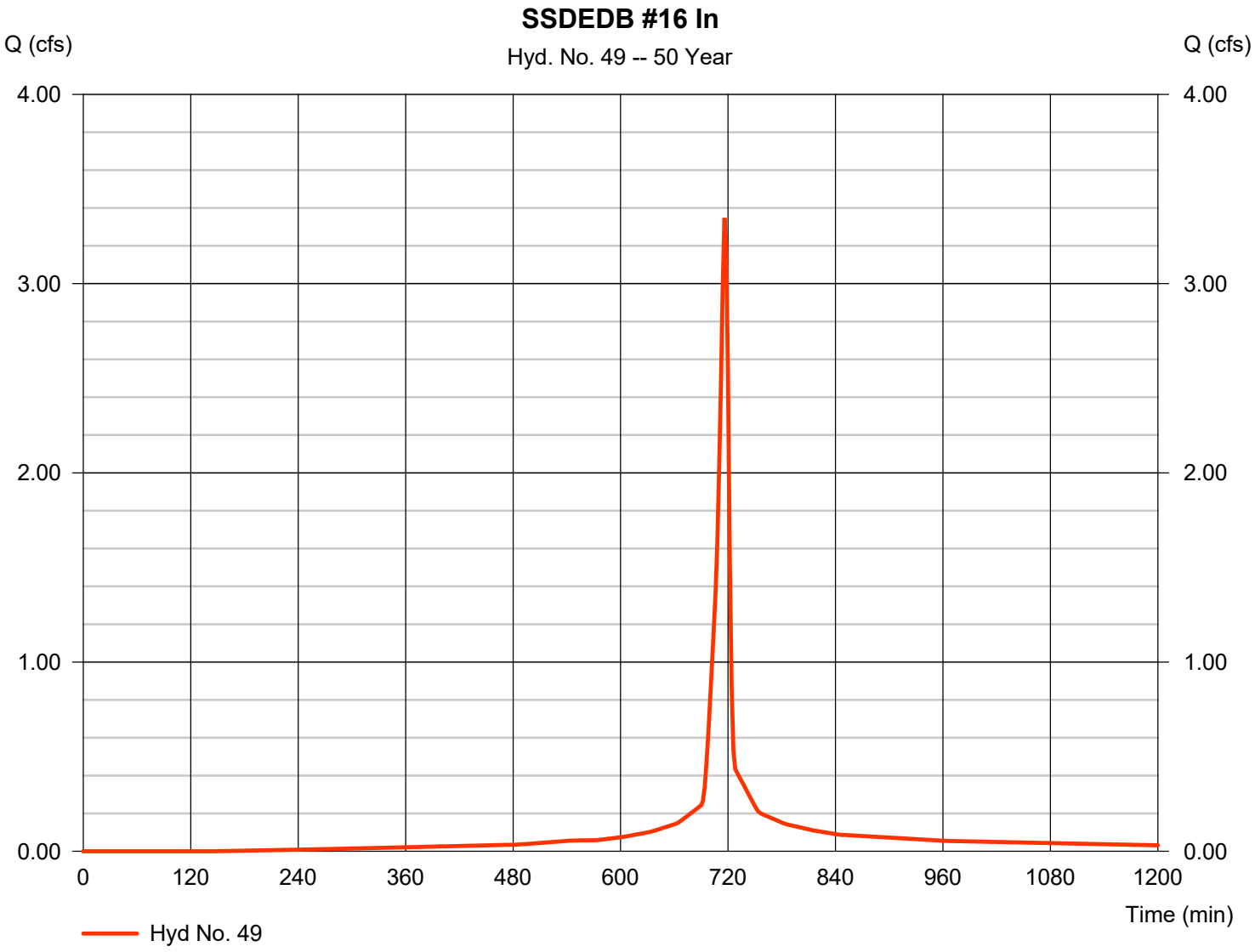
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.347 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 7,473 cuft
Drainage area	= 0.390 ac	Curve number	= 92*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 5.40 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



Hydrograph Report

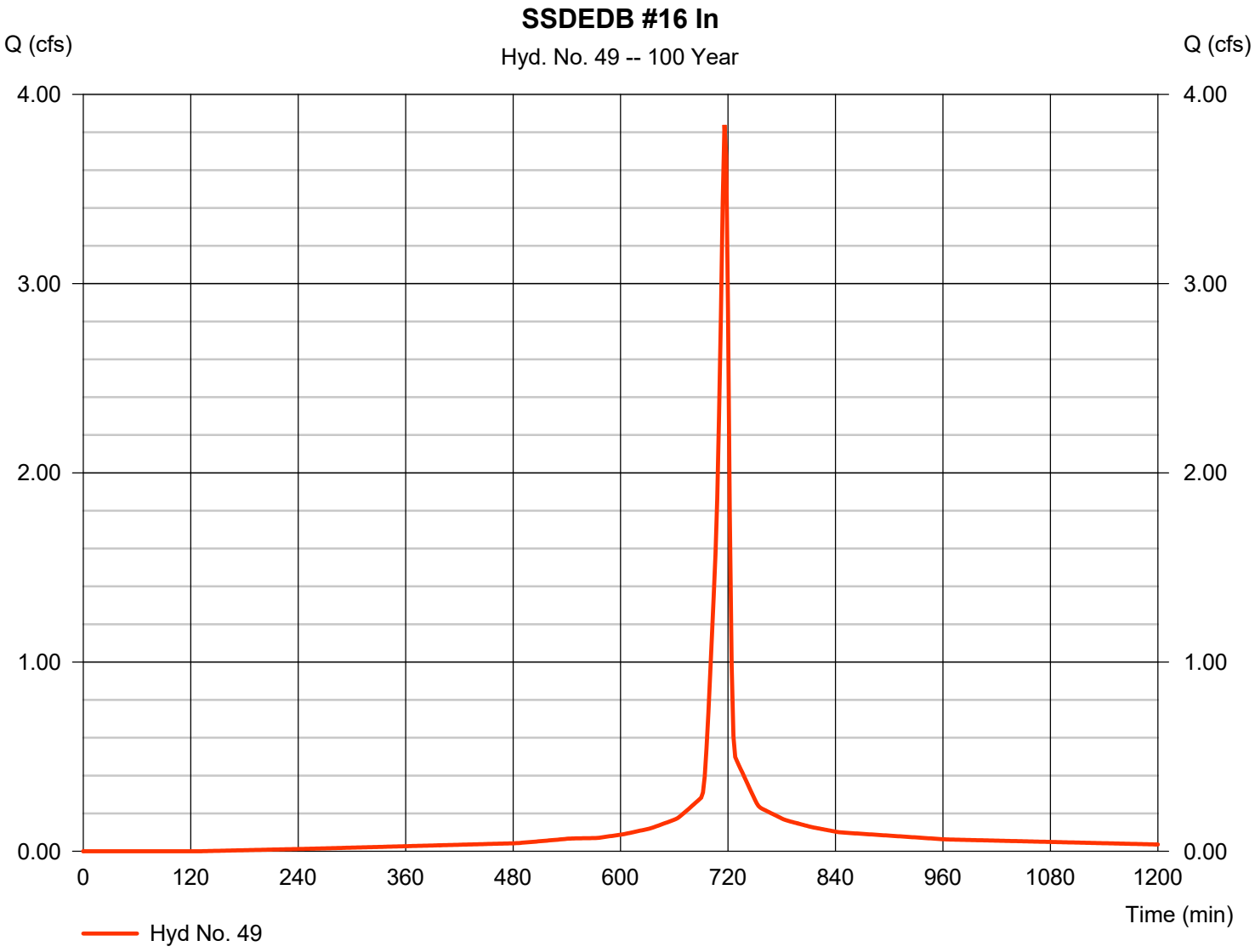
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 49

SSDEDB #16 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.839 cfs
Storm frequency	=	100 yrs	Time to peak	=	716 min
Time interval	=	2 min	Hyd. volume	=	8,652 cuft
Drainage area	=	0.390 ac	Curve number	=	92*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	5.40 min
Total precip.	=	7.47 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.060 x 61) + (0.330 x 98)] / 0.390



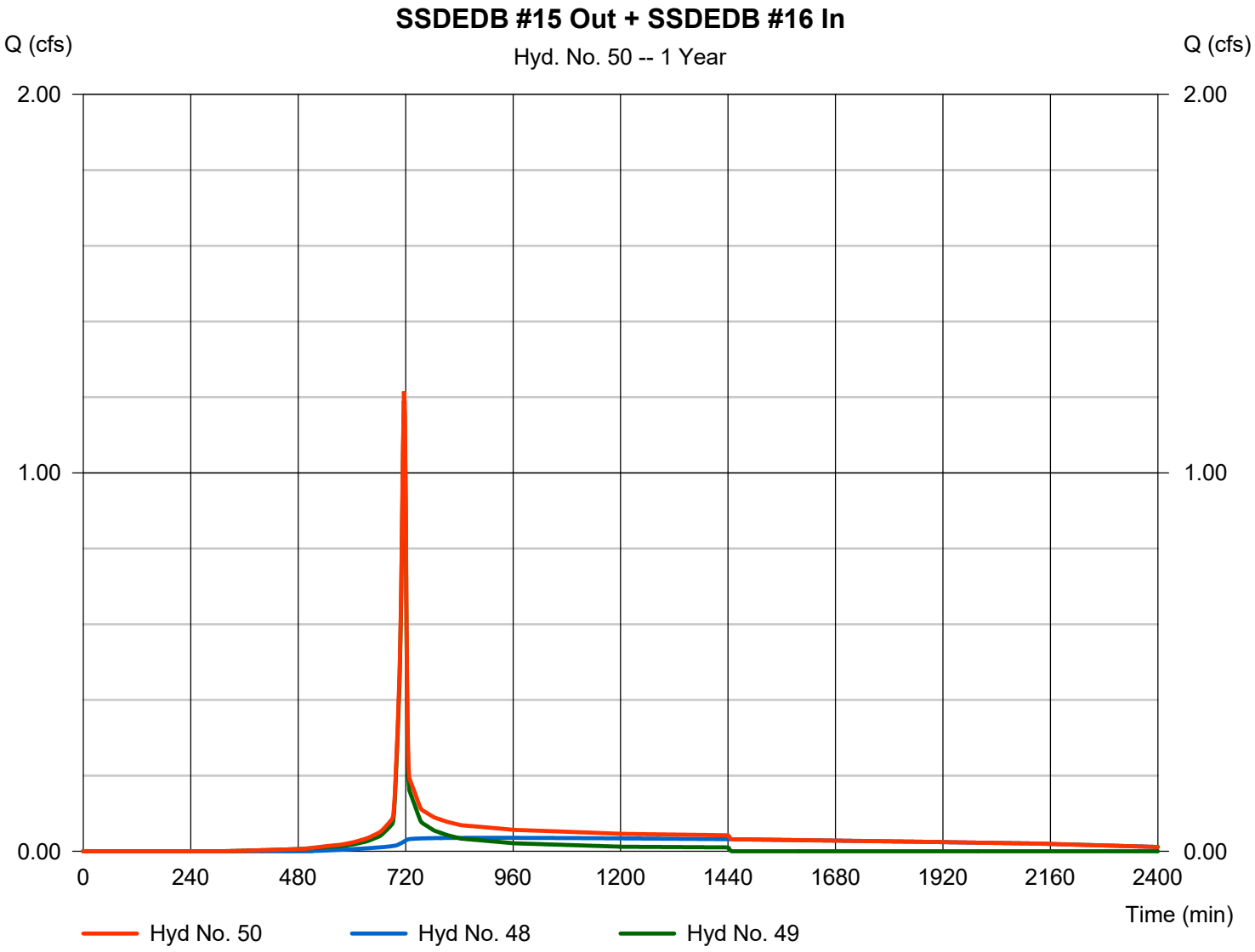
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 1.215 cfs
Storm frequency	= 1 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 5,528 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



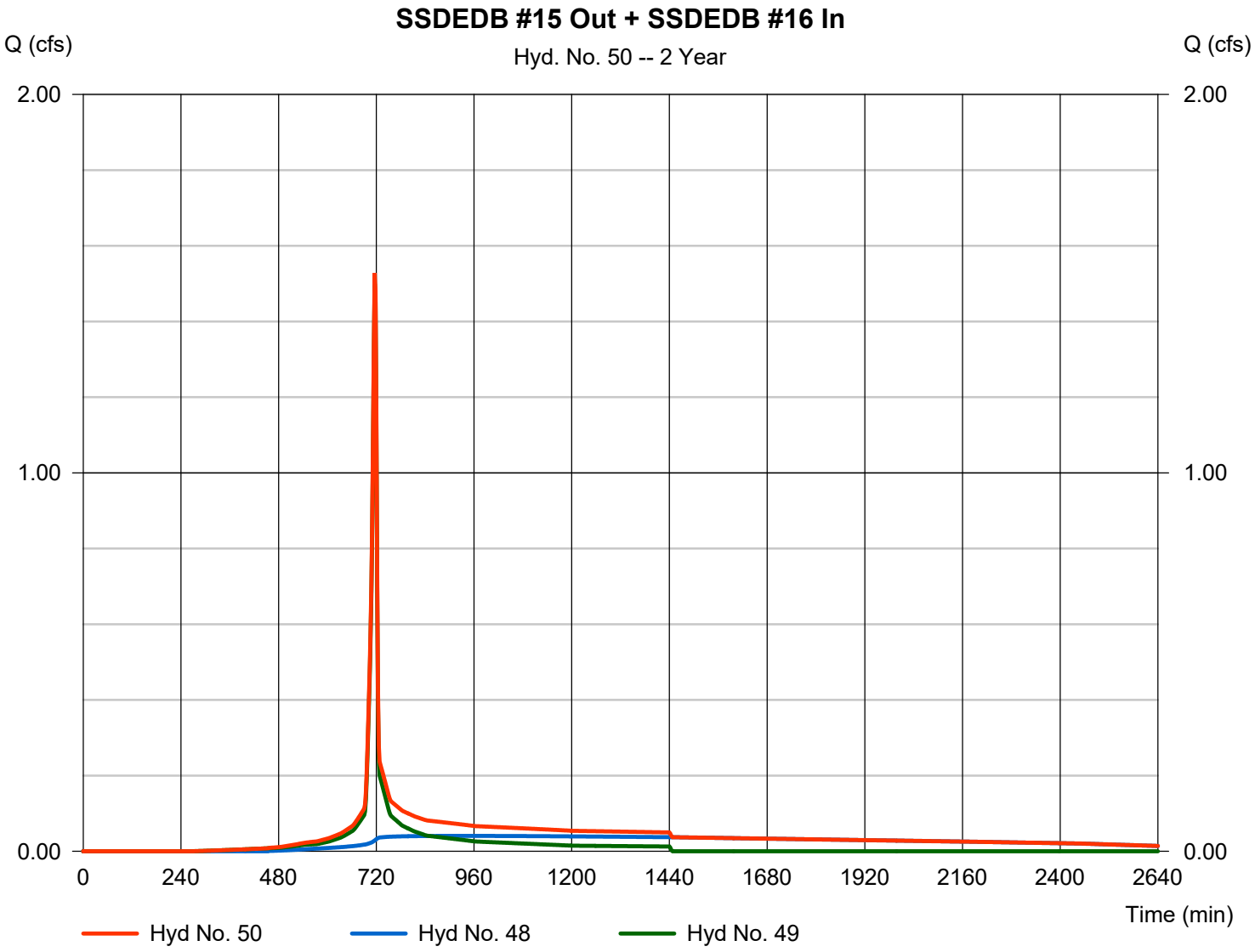
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 1.528 cfs
Storm frequency	= 2 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 7,153 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



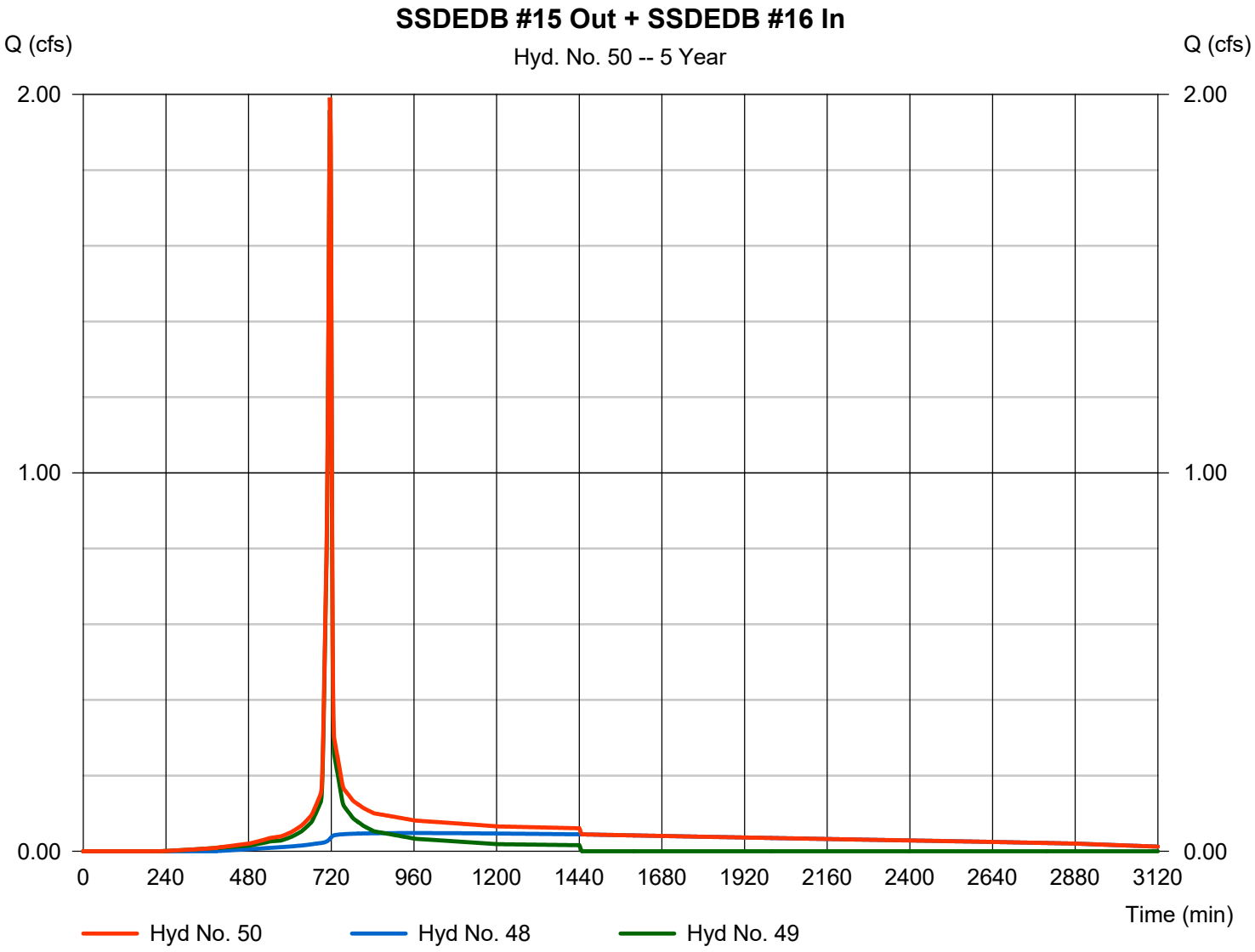
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 1.992 cfs
Storm frequency	= 5 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 9,634 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



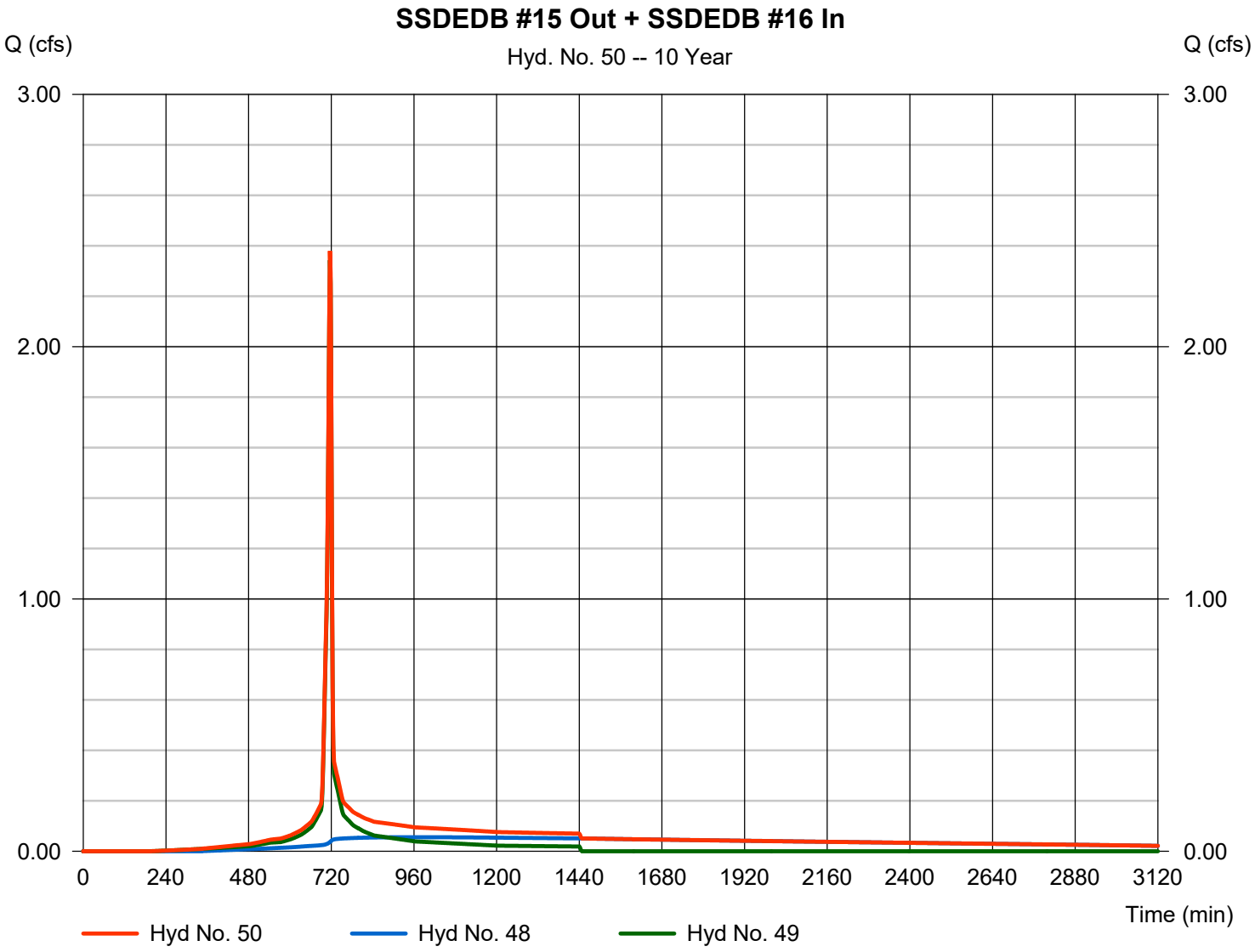
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 2.379 cfs
Storm frequency	= 10 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 11,757 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



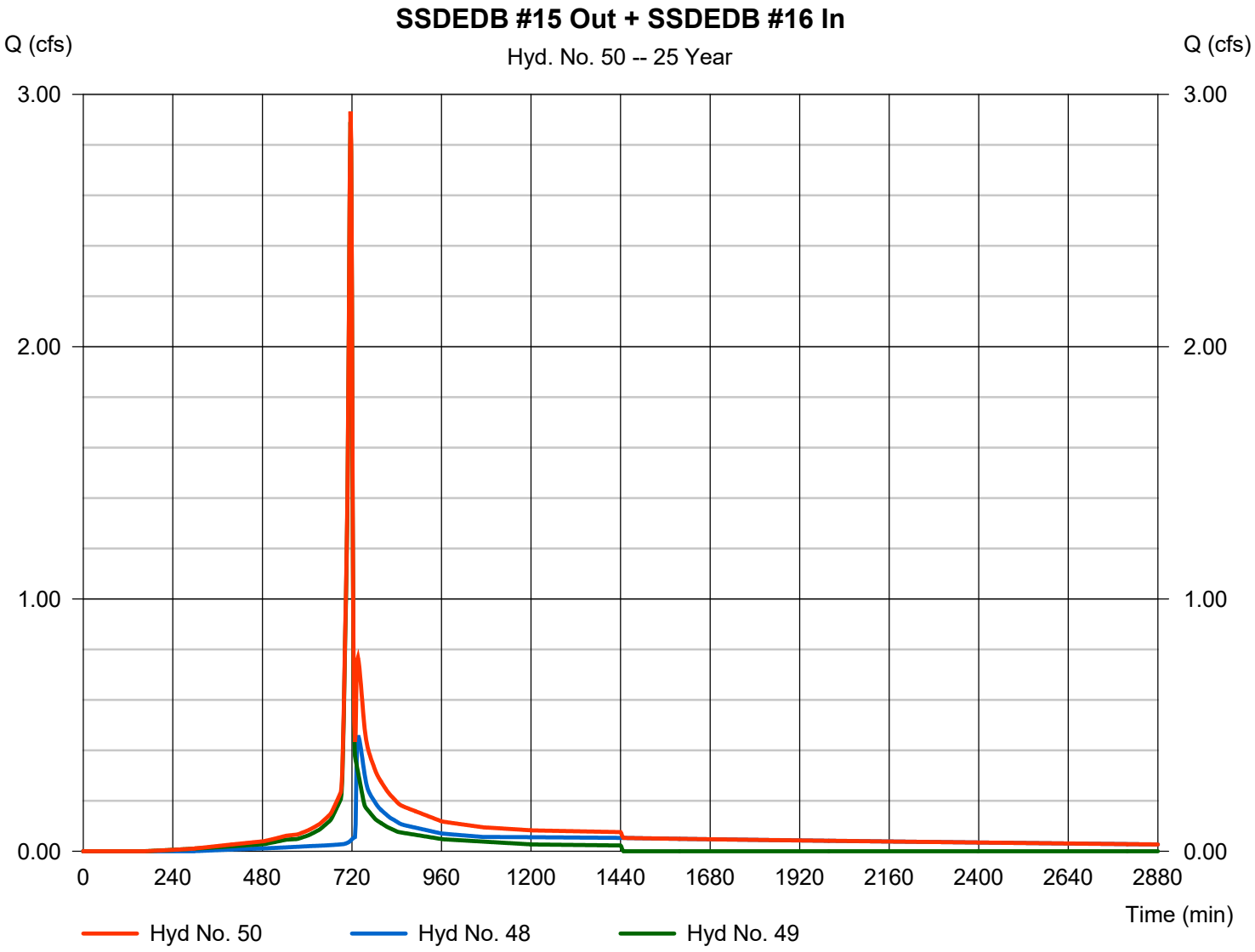
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 2.932 cfs
Storm frequency	= 25 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 14,838 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



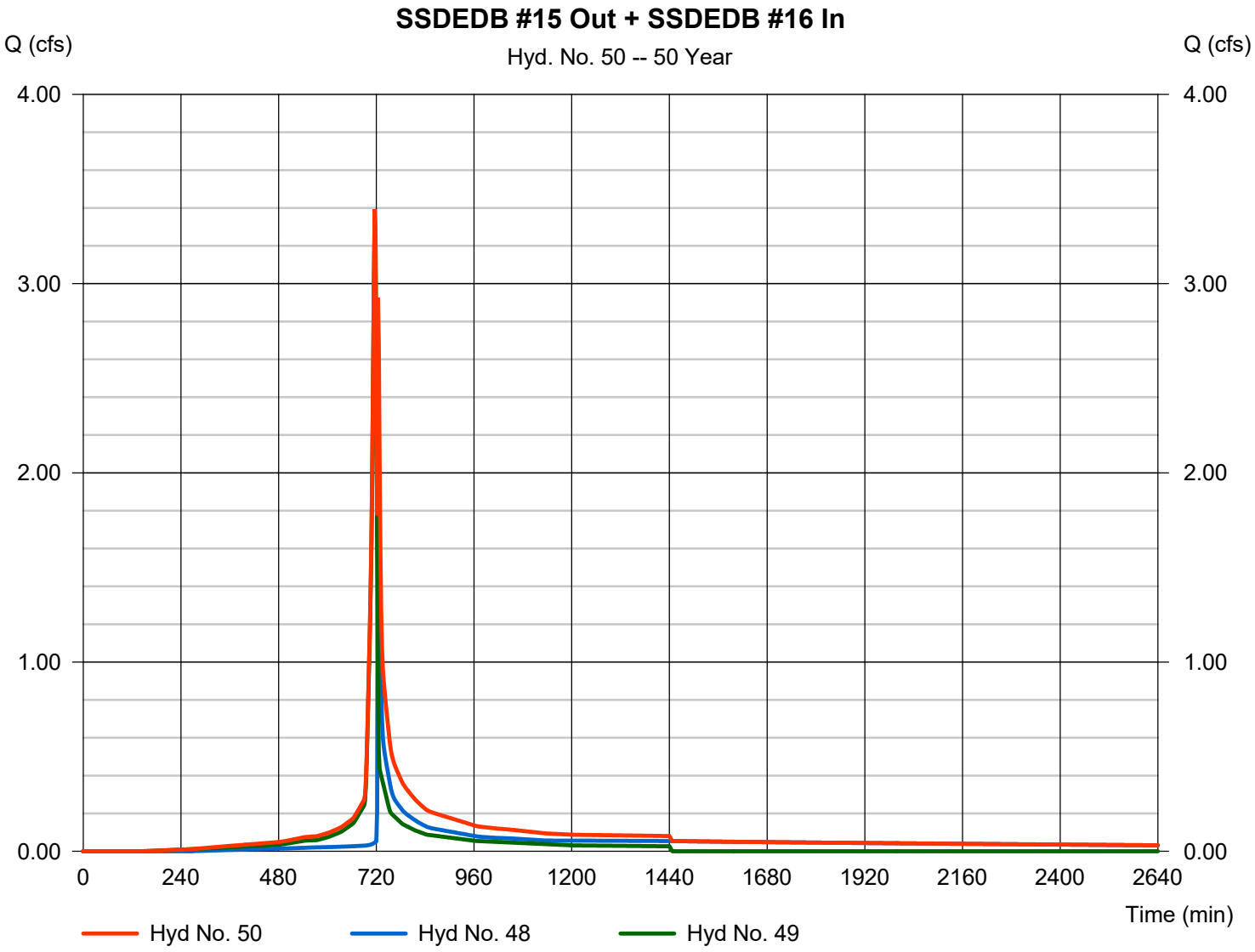
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 3.393 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 17,441 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



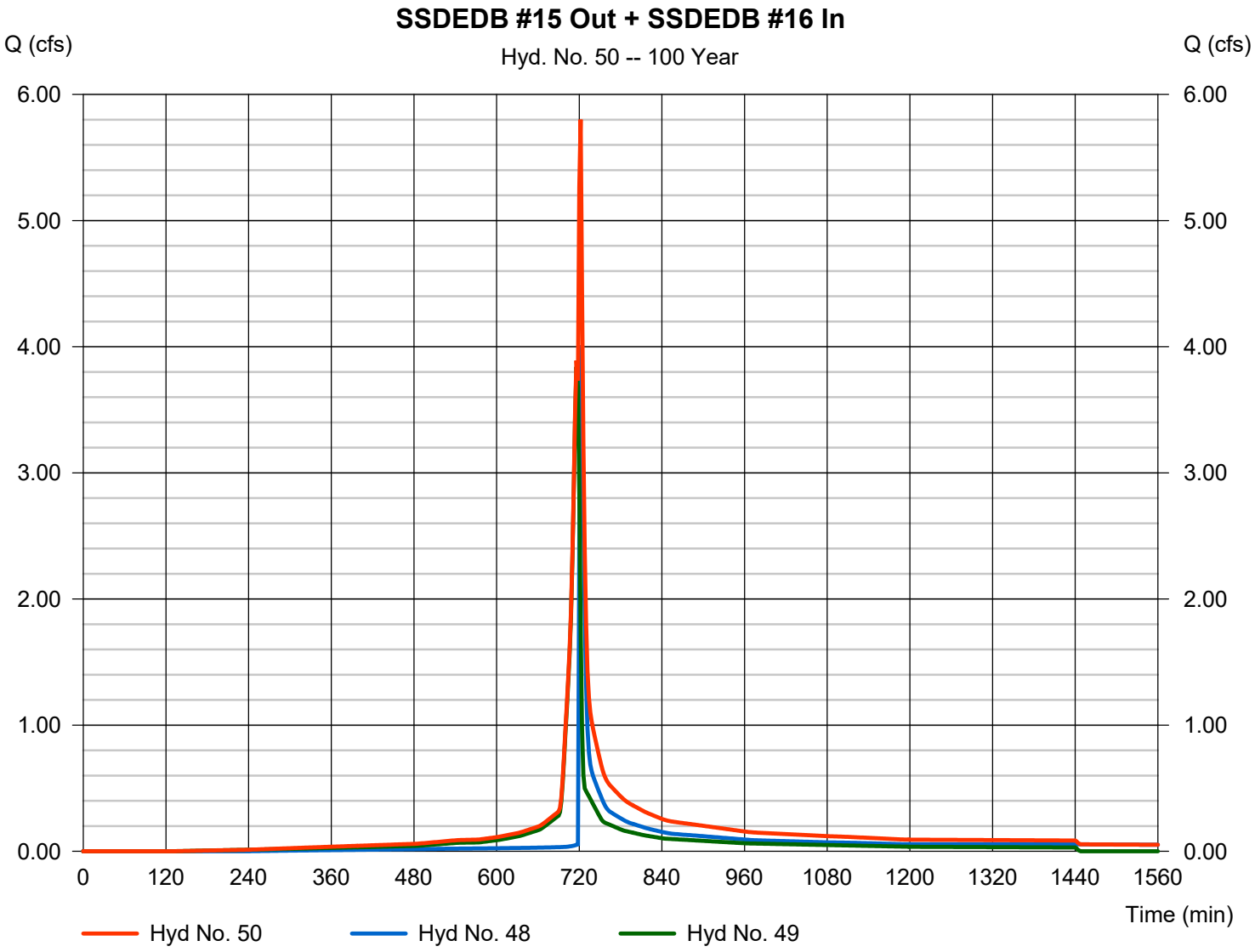
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 50

SSDEDB #15 Out + SSDEDB #16 In

Hydrograph type	= Combine	Peak discharge	= 5.801 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 20,279 cuft
Inflow hyds.	= 48, 49	Contrib. drain. area	= 0.390 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #16

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	393.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	393.0833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	393.1667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	393.2500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	393.3333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	393.4167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	393.5000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	393.5833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	393.6667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	393.7500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	393.8333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	393.9167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	394.0000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	394.0833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	394.1667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	394.2500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	394.3333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	394.4167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	394.5000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	394.5833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	394.6667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	394.7500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	394.8333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	394.9167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	395.0000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	395.0833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	395.1667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	395.2500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	395.3333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	395.4167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	395.5000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	395.5833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	395.6667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	395.7500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	395.8333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	395.9167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	396.0000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	396.0833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	396.1667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	396.2500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	396.3333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	396.4167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	396.5000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	396.5833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	396.6667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	396.7500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	396.8333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	396.9167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	397.0000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	397.0833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	397.1667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	397.2500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	397.3333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	397.4167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	397.5000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	397.5833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	397.6667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	397.7500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	397.8333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	397.9167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	398.0000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	398.0833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	398.1667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	398.2500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	398.3333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	398.4167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	398.5000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 16 - SSDEDB #16

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	393.00	n/a	0	0
0.33	393.33	n/a	281	281
0.67	393.67	n/a	281	562
1.00	394.00	n/a	532	1,093
1.33	394.33	n/a	608	1,702
1.67	394.67	n/a	598	2,299
2.00	395.00	n/a	586	2,886
2.33	395.33	n/a	571	3,457
2.67	395.67	n/a	553	4,010
3.00	396.00	n/a	531	4,541
3.33	396.33	n/a	504	5,045
3.67	396.67	n/a	469	5,514
4.00	397.00	n/a	421	5,935
4.33	397.33	n/a	337	6,273
4.67	397.67	n/a	287	6,559
5.00	398.00	n/a	281	6,840
5.33	398.33	n/a	281	7,121
5.50	398.50	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.50	0.00	0.00
Span (in)	= 15.00	1.50	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 393.00	393.00	0.00	0.00
Length (ft)	= 84.00	0.00	0.00	0.00
Slope (%)	= 1.01	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 398.25	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	393.00	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	393.33	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.030
0.67	562	393.67	0.05 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.045
1.00	1,093	394.00	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
1.33	1,702	394.33	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.065
1.67	2,299	394.67	0.08 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.073
2.00	2,886	395.00	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.081
2.33	3,457	395.33	0.09 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.088
2.67	4,010	395.67	0.10 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.094
3.00	4,541	396.00	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.100
3.33	5,045	396.33	0.11 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.106
3.67	5,514	396.67	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.111
4.00	5,935	397.00	0.12 ic	0.12 ic	---	---	0.00	---	---	---	---	---	0.116
4.33	6,273	397.33	0.13 ic	0.12 ic	---	---	0.00	---	---	---	---	---	0.121
4.67	6,559	397.67	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.125
5.00	6,840	398.00	0.14 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.130
5.33	7,121	398.33	0.29 ic	0.13 ic	---	---	0.16	---	---	---	---	---	0.292
5.50	7,261	398.50	0.97 ic	0.13 ic	---	---	0.83	---	---	---	---	---	0.965

Hydrograph Report

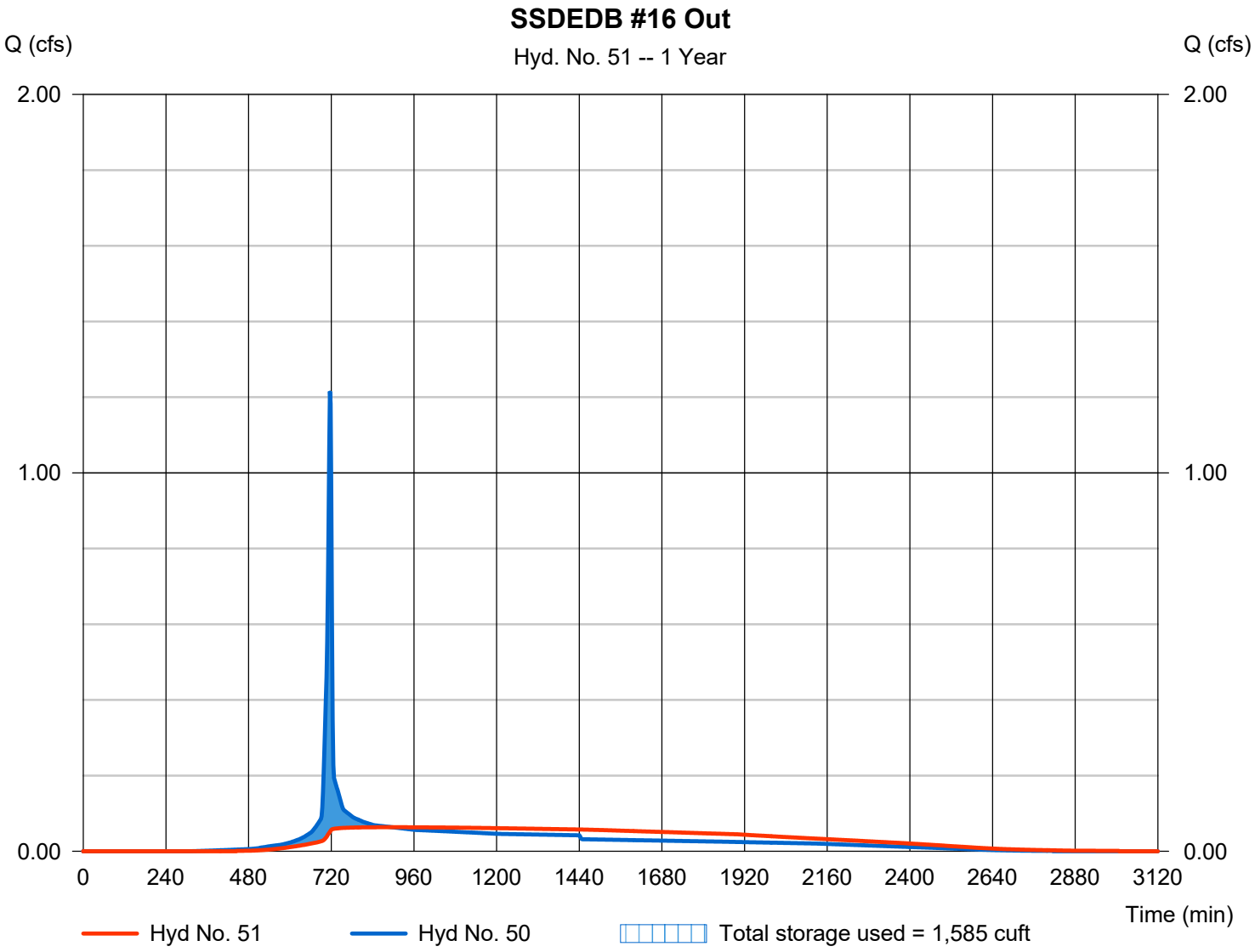
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.064 cfs
Storm frequency	=	1 yrs	Time to peak	=	896 min
Time interval	=	2 min	Hyd. volume	=	5,511 cuft
Inflow hyd. No.	=	50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	=	394.27 ft
Reservoir name	=	SSDEDB #16	Max. Storage	=	1,585 cuft

Storage Indication method used.



Hydrograph Report

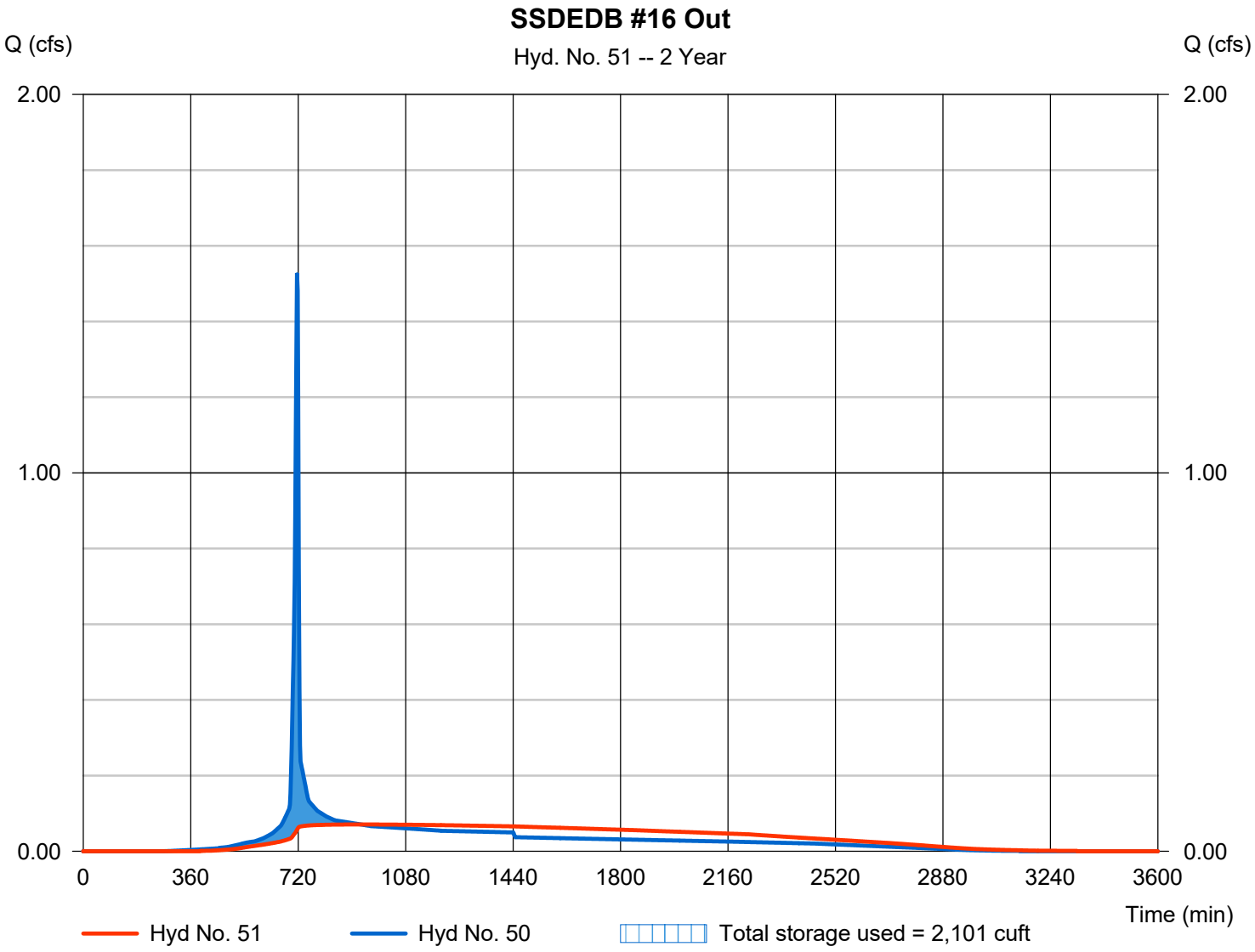
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.071 cfs
Storm frequency	=	2 yrs	Time to peak	=	930 min
Time interval	=	2 min	Hyd. volume	=	7,136 cuft
Inflow hyd. No.	=	50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	=	394.56 ft
Reservoir name	=	SSDEDB #16	Max. Storage	=	2,101 cuft

Storage Indication method used.



Hydrograph Report

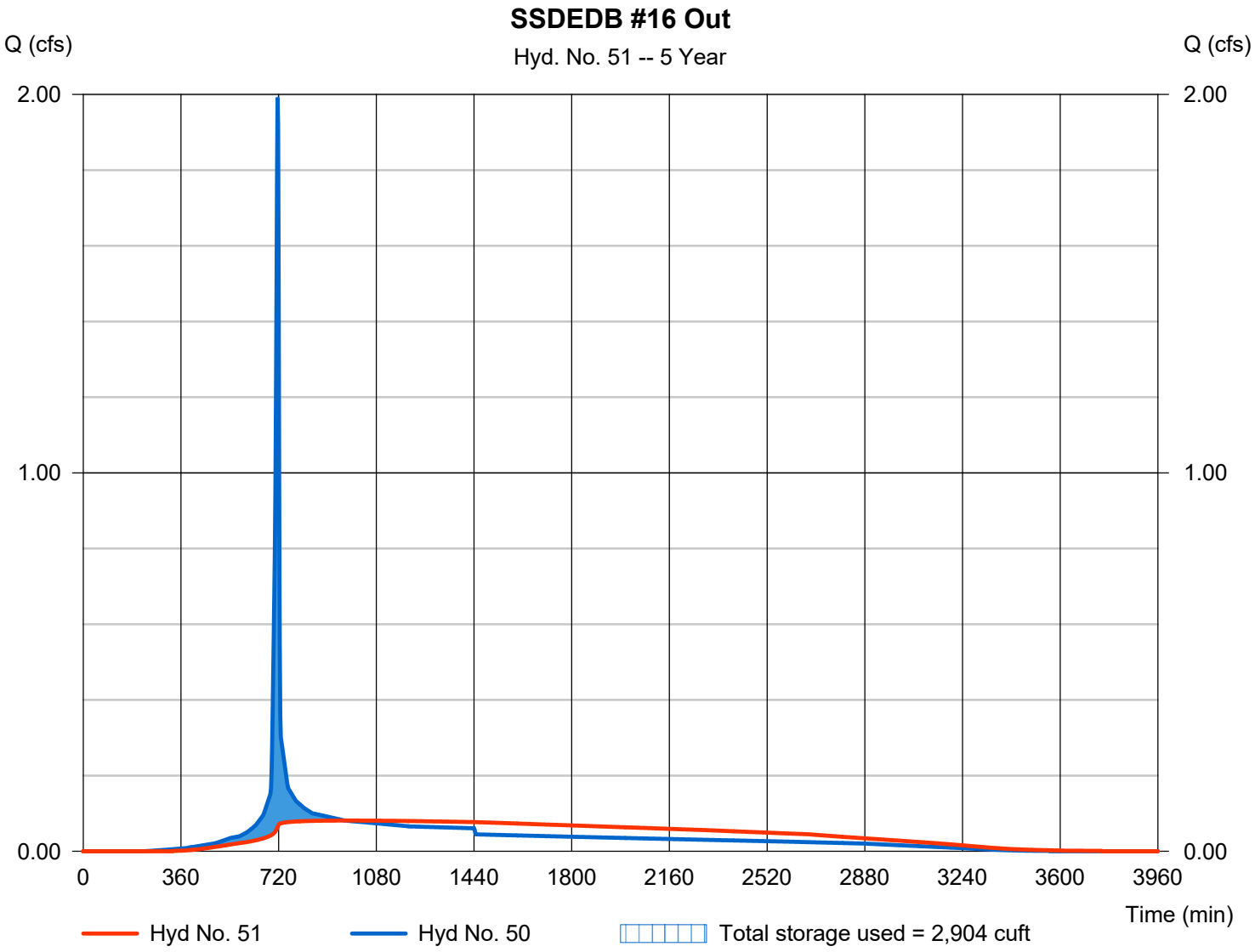
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.081 cfs
Storm frequency	=	5 yrs	Time to peak	=	964 min
Time interval	=	2 min	Hyd. volume	=	9,617 cuft
Inflow hyd. No.	=	50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	=	395.01 ft
Reservoir name	=	SSDEDB #16	Max. Storage	=	2,904 cuft

Storage Indication method used.



Hydrograph Report

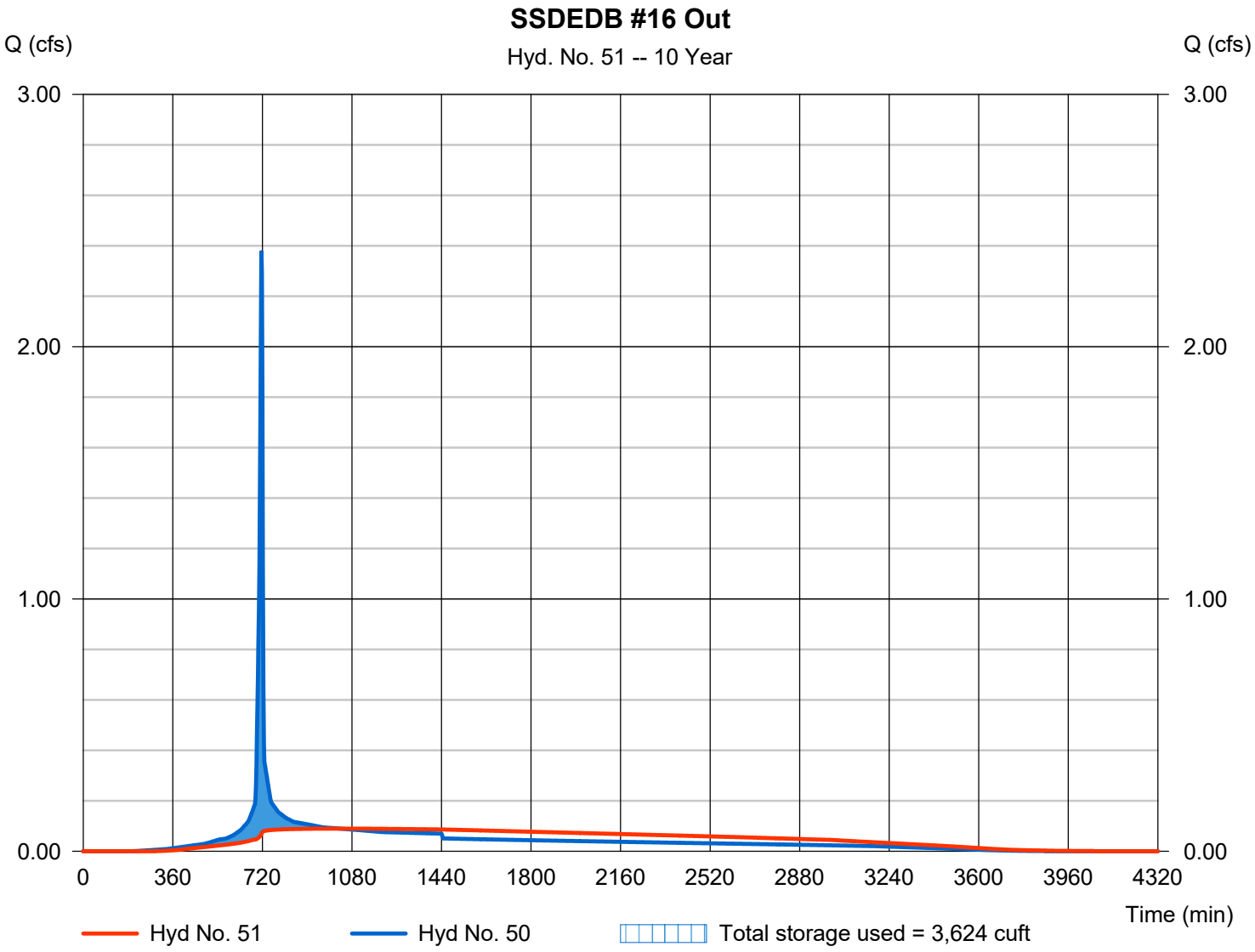
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.090 cfs
Storm frequency	=	10 yrs	Time to peak	=	1032 min
Time interval	=	2 min	Hyd. volume	=	11,740 cuft
Inflow hyd. No.	=	50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	=	395.43 ft
Reservoir name	=	SSDEDB #16	Max. Storage	=	3,624 cuft

Storage Indication method used.



Hydrograph Report

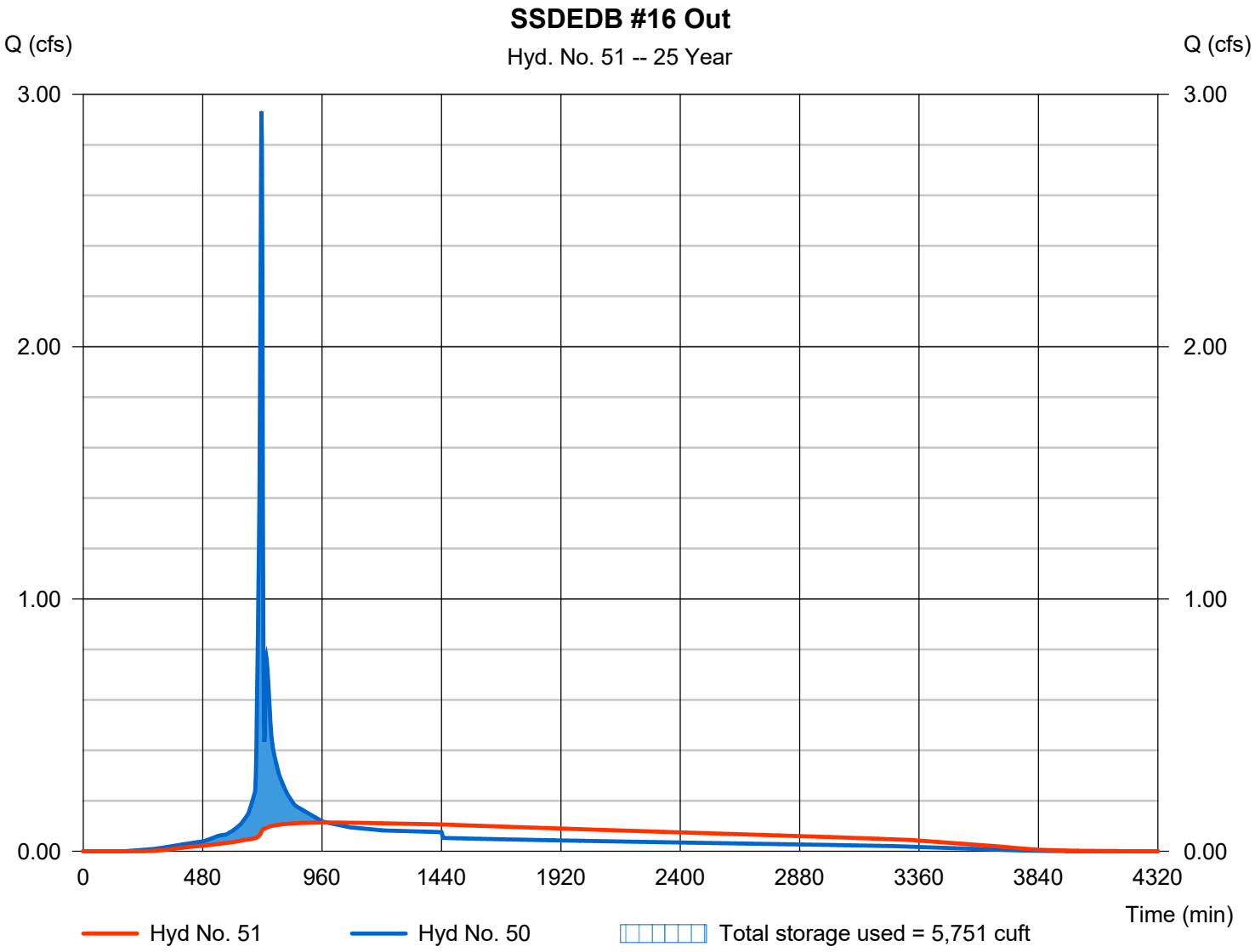
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.114 cfs
Storm frequency	= 25 yrs	Time to peak	= 982 min
Time interval	= 2 min	Hyd. volume	= 14,821 cuft
Inflow hyd. No.	= 50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	= 396.85 ft
Reservoir name	= SSDEDB #16	Max. Storage	= 5,751 cuft

Storage Indication method used.



Hydrograph Report

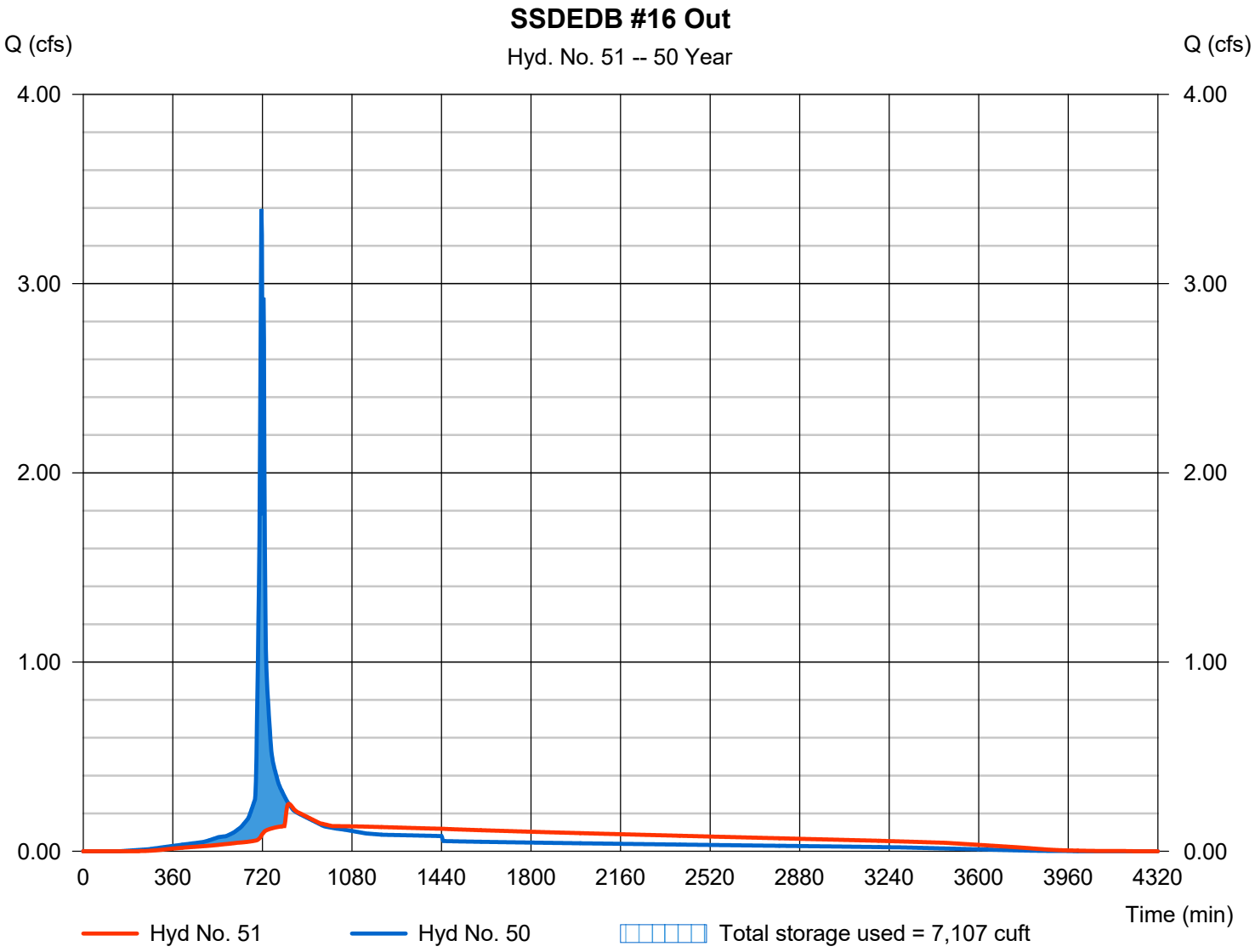
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.250 cfs
Storm frequency	= 50 yrs	Time to peak	= 826 min
Time interval	= 2 min	Hyd. volume	= 17,424 cuft
Inflow hyd. No.	= 50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	= 398.32 ft
Reservoir name	= SSDEDB #16	Max. Storage	= 7,107 cuft

Storage Indication method used.



Hydrograph Report

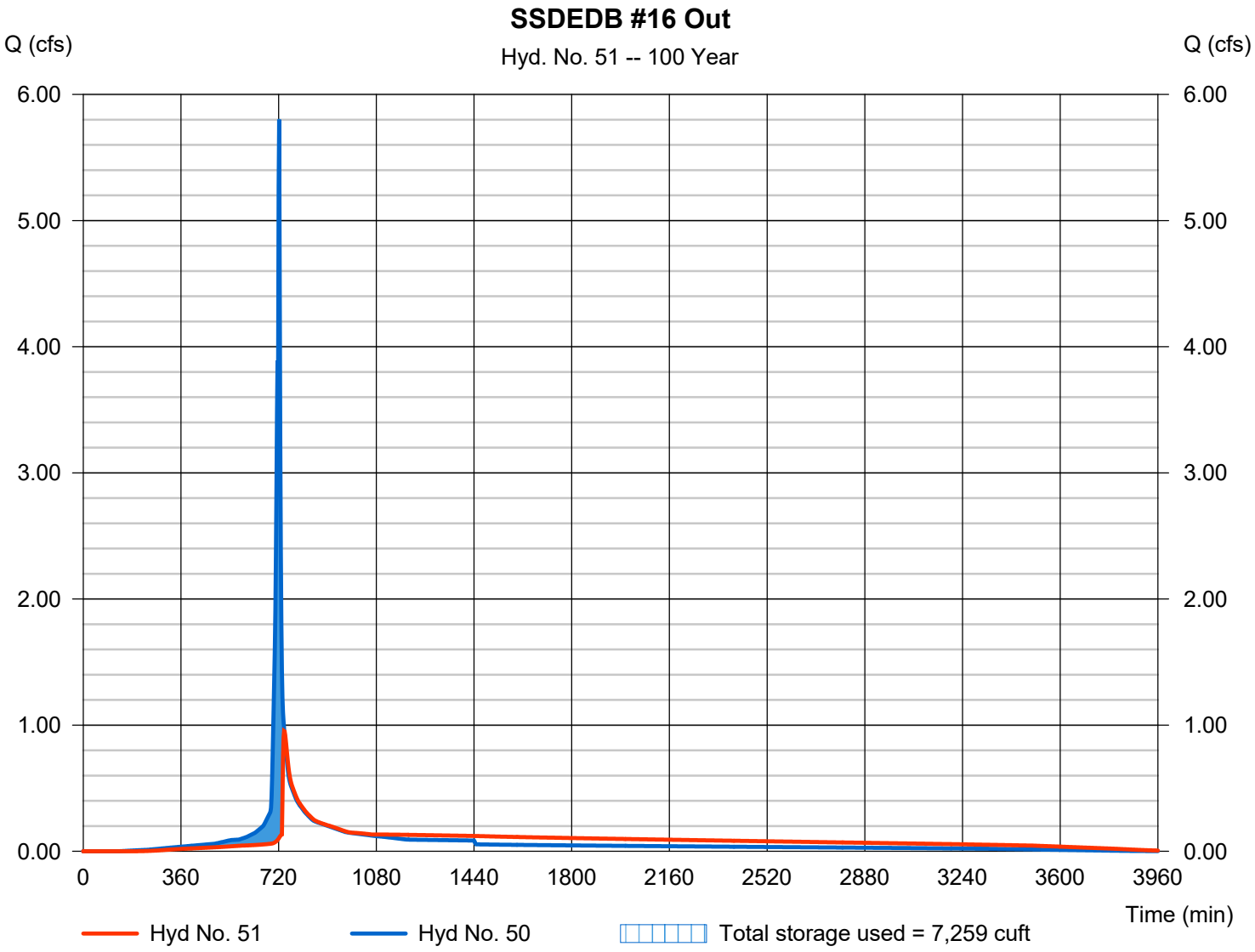
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.954 cfs
Storm frequency	=	100 yrs	Time to peak	=	740 min
Time interval	=	2 min	Hyd. volume	=	20,262 cuft
Inflow hyd. No.	=	50 - SSDEDB #15 Out + SSDEDB #16 In	Max. Elevation	=	398.50 ft
Reservoir name	=	SSDEDB #16	Max. Storage	=	7,259 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #17

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.59	61
IMPERVIOUS	0.85	98

TOTAL 1.44

TR55 Tc Worksheet

Hyd. No. 52

SSDEDB #17 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 4.00		0.00		0.00		
Travel Time (min)	**= 10.75**	**+**	**0.00**	**+**	**0.00**	**=**	**10.75**
Shallow Concentrated Flow							
Flow length (ft)	= 244.00		55.00		0.00		
Watercourse slope (%)	= 2.50		10.90		0.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=2.55		5.33		0.00		
Travel Time (min)	**= 1.59**	**+**	**0.17**	**+**	**0.00**	**=**	**1.77**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 12.50 min

Hydrograph Report

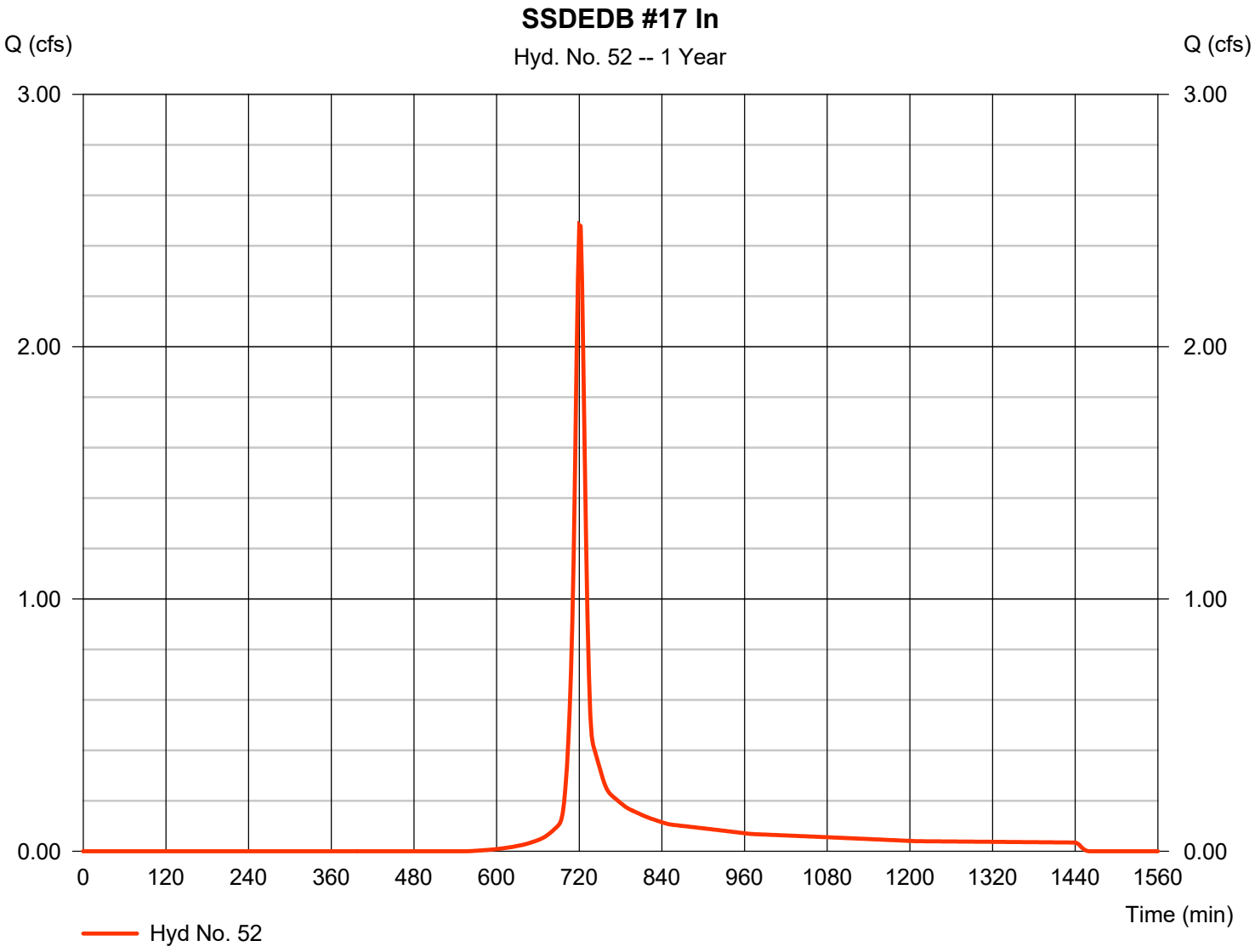
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.482 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 6,476 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

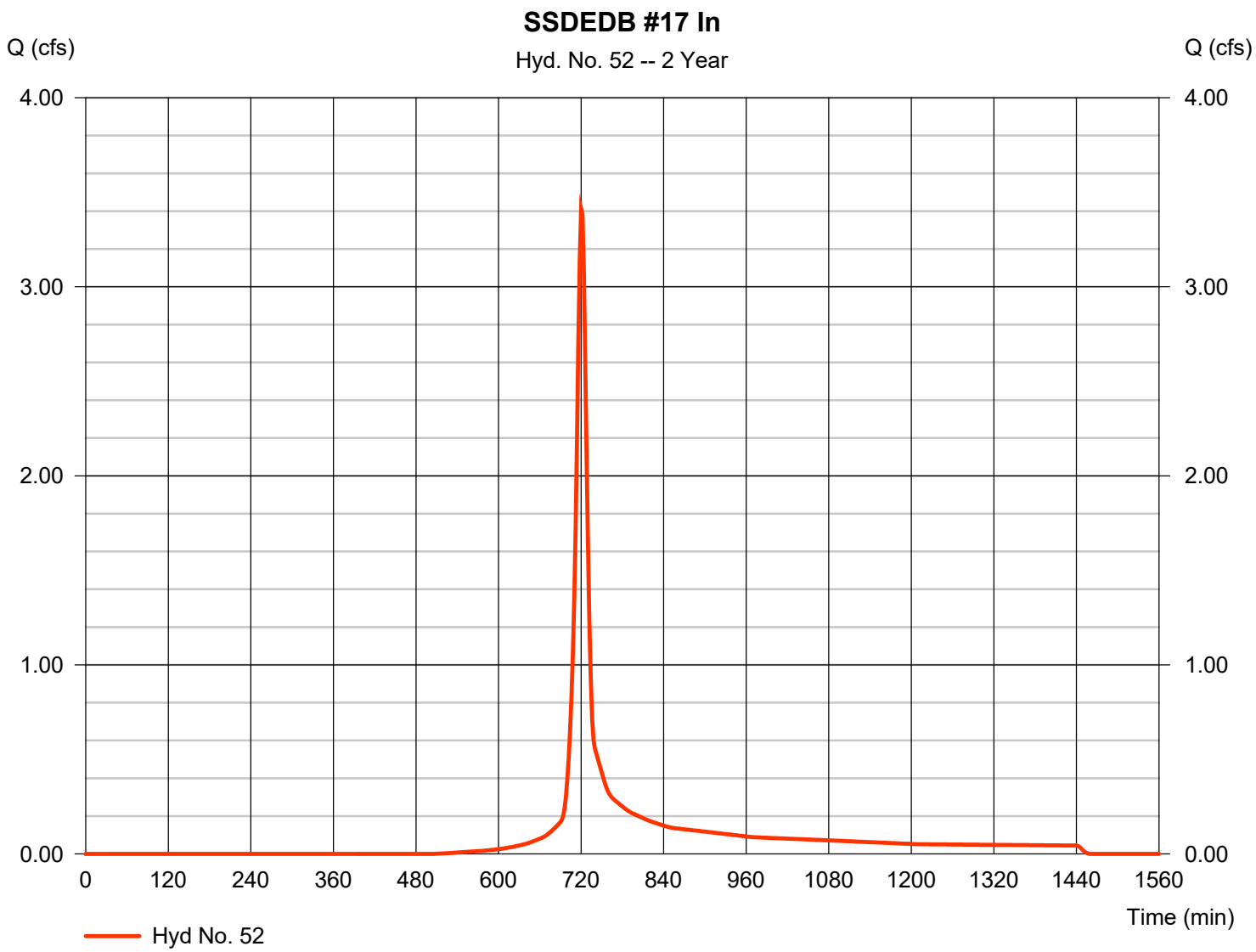
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.413 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 8,852 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

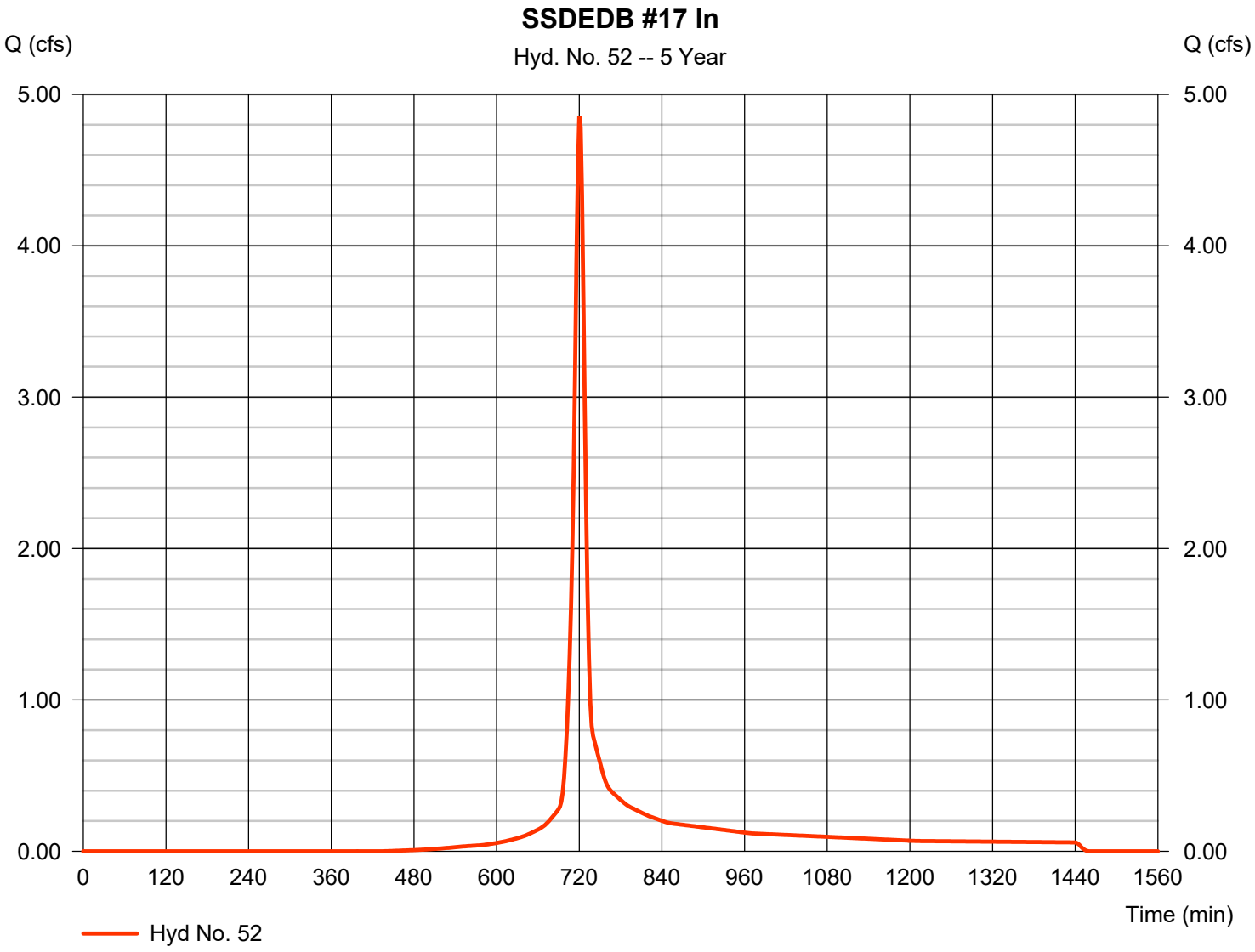
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.856 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 12,605 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

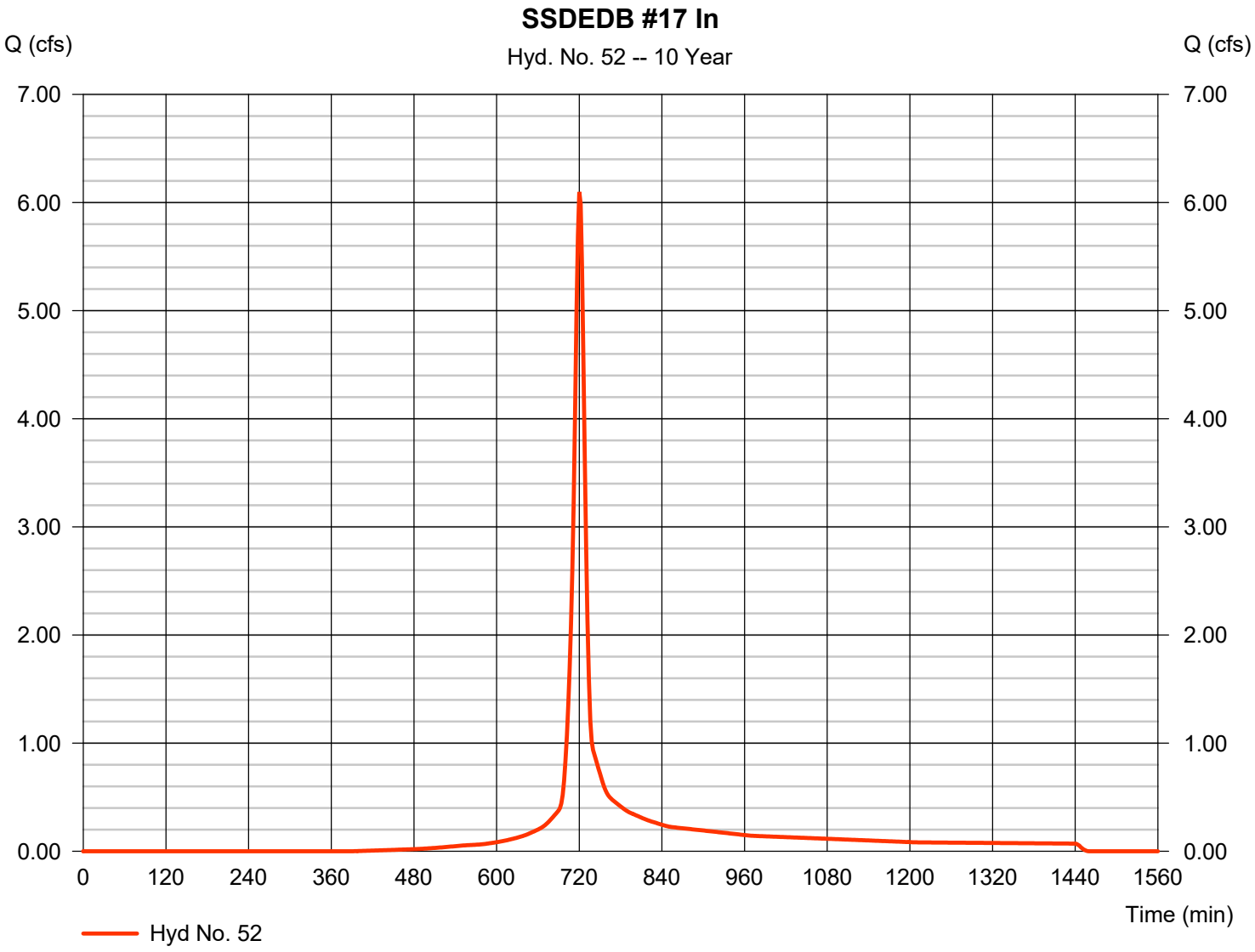
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 6.099 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 15,896 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

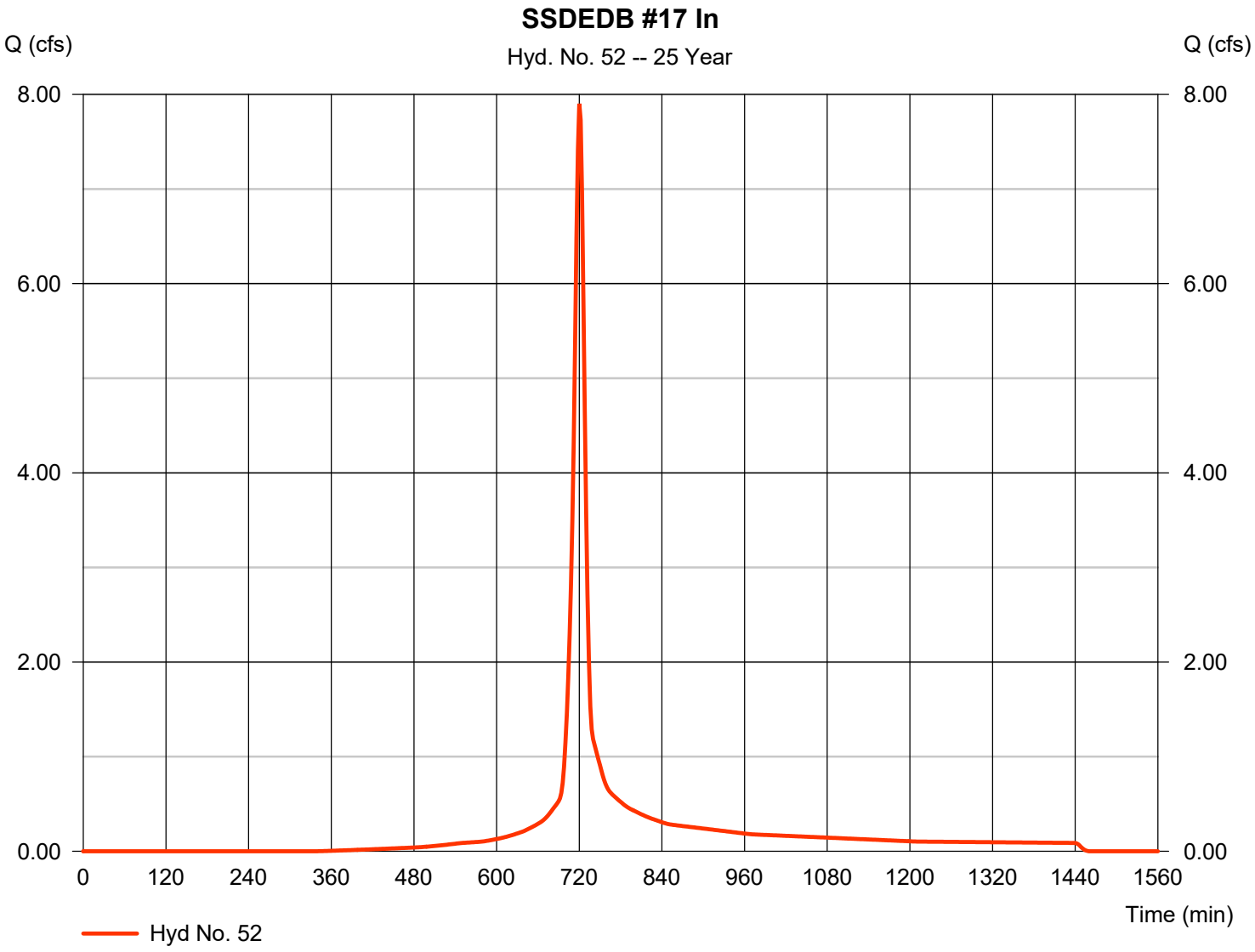
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 7.902 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 20,757 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

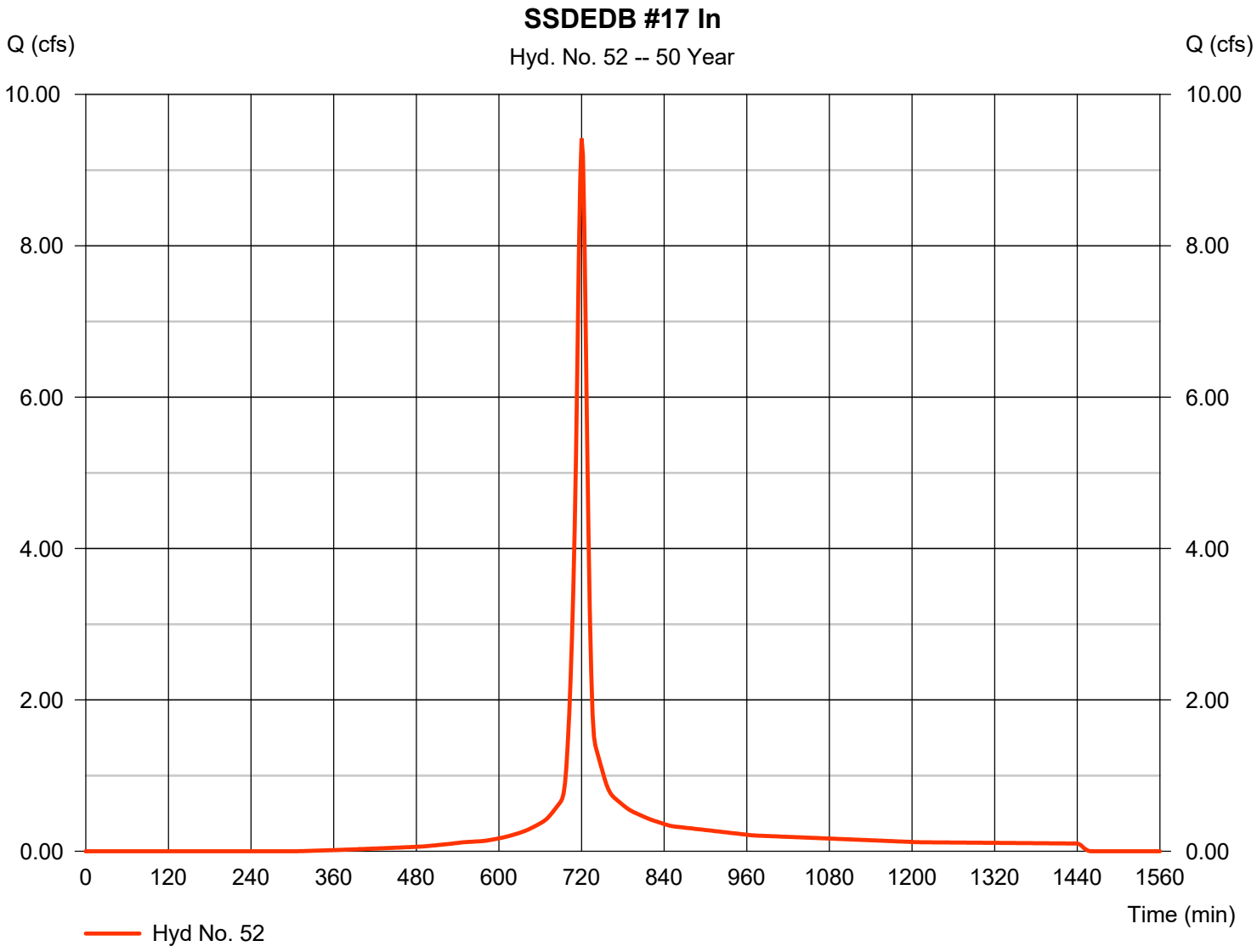
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 9.420 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 24,922 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



Hydrograph Report

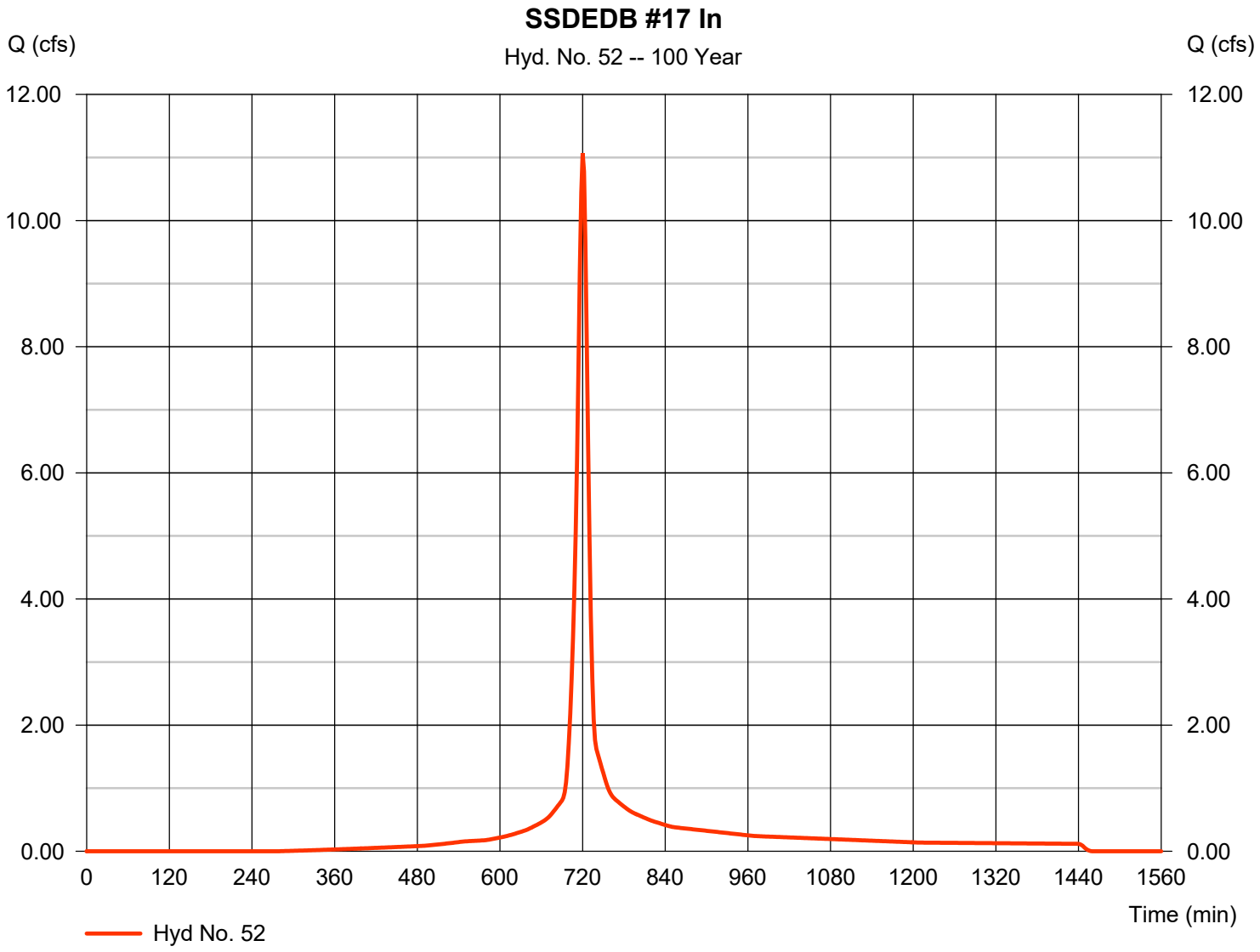
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 52

SSDEDB #17 In

Hydrograph type	= SCS Runoff	Peak discharge	= 11.07 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 29,501 cuft
Drainage area	= 1.440 ac	Curve number	= 83*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 12.50 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.590 x 61) + (0.850 x 98)] / 1.440



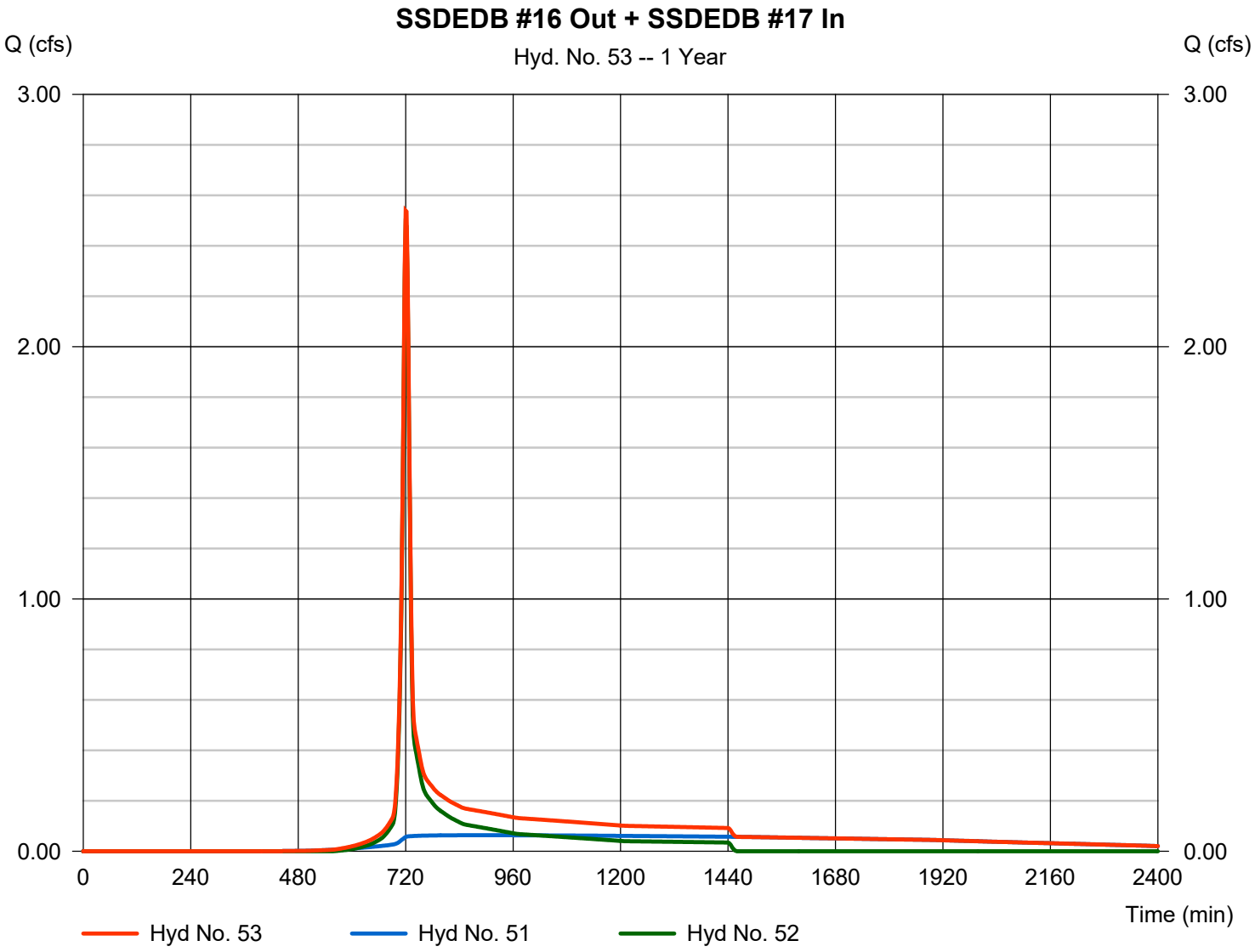
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 2.539 cfs
Storm frequency	= 1 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 11,987 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



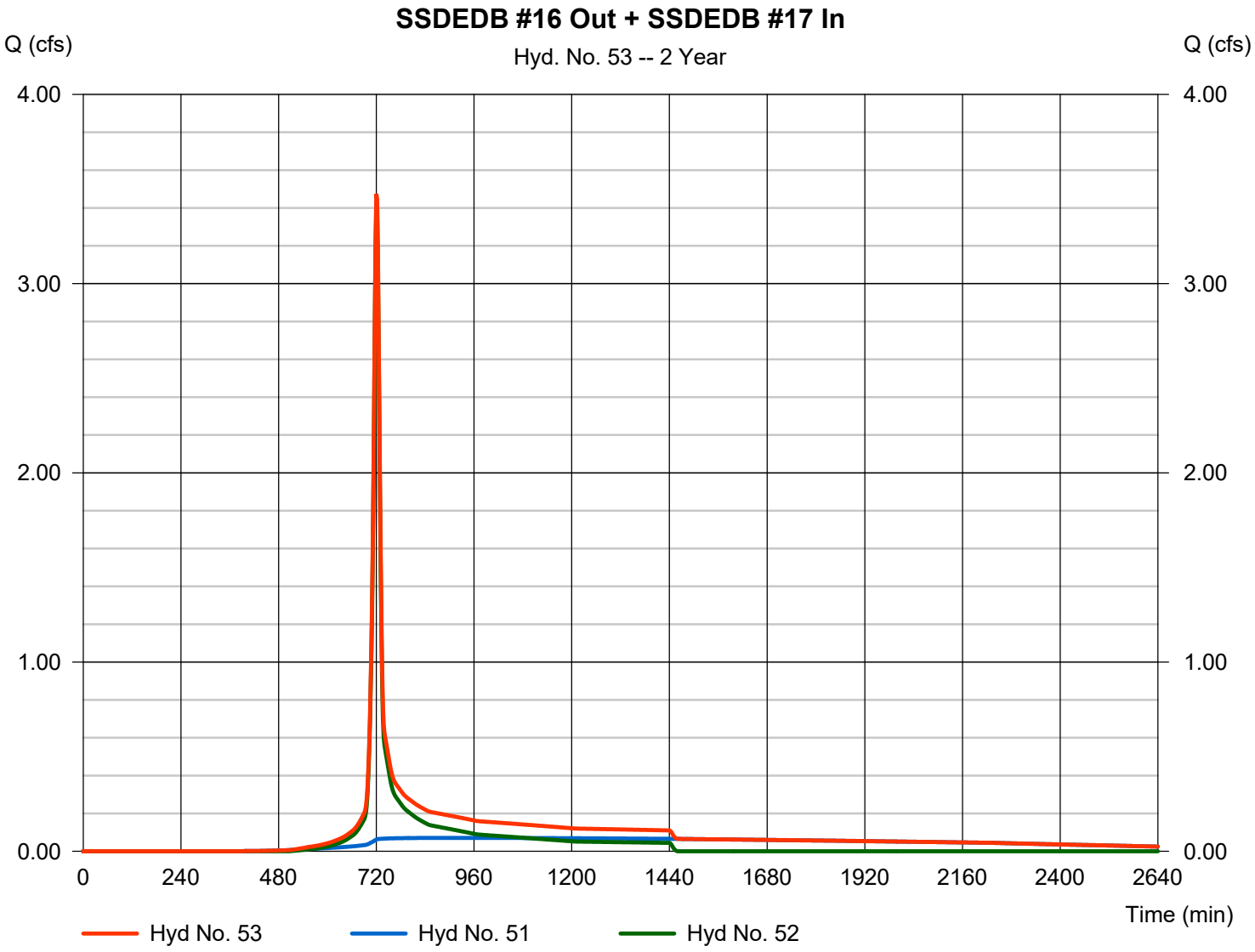
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 3.475 cfs
Storm frequency	= 2 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 15,988 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



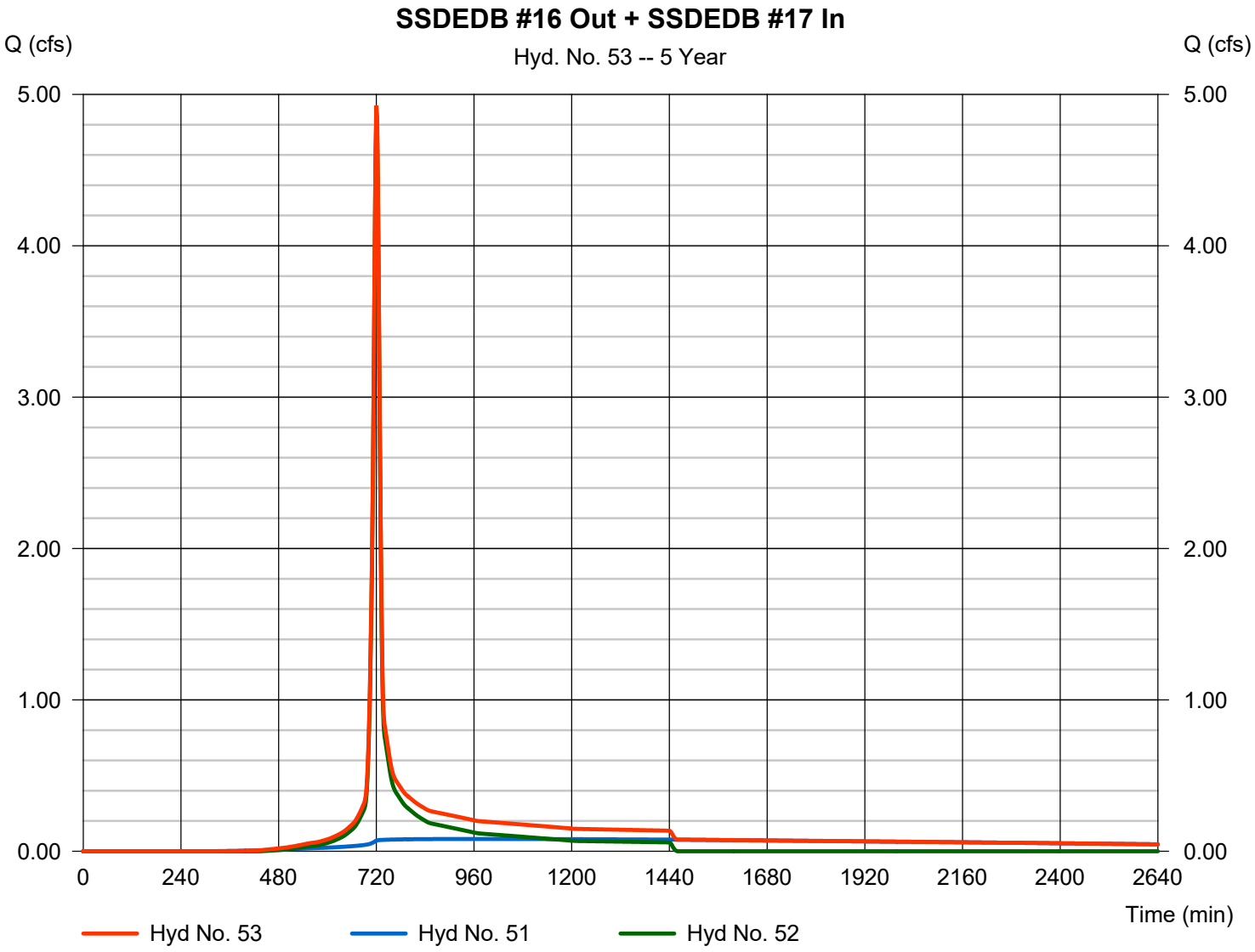
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 4.926 cfs
Storm frequency	= 5 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 22,222 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



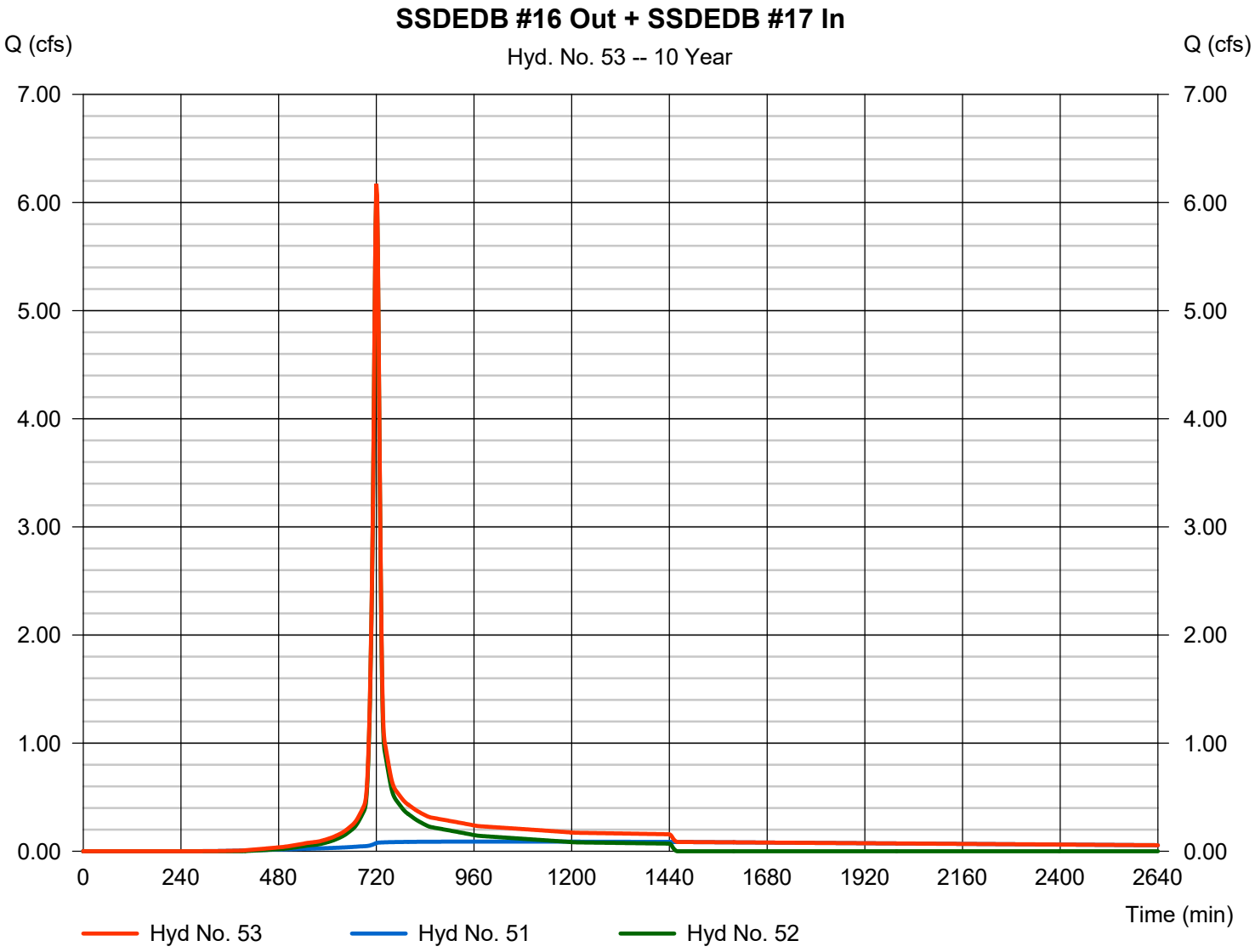
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 6.175 cfs
Storm frequency	= 10 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 27,636 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



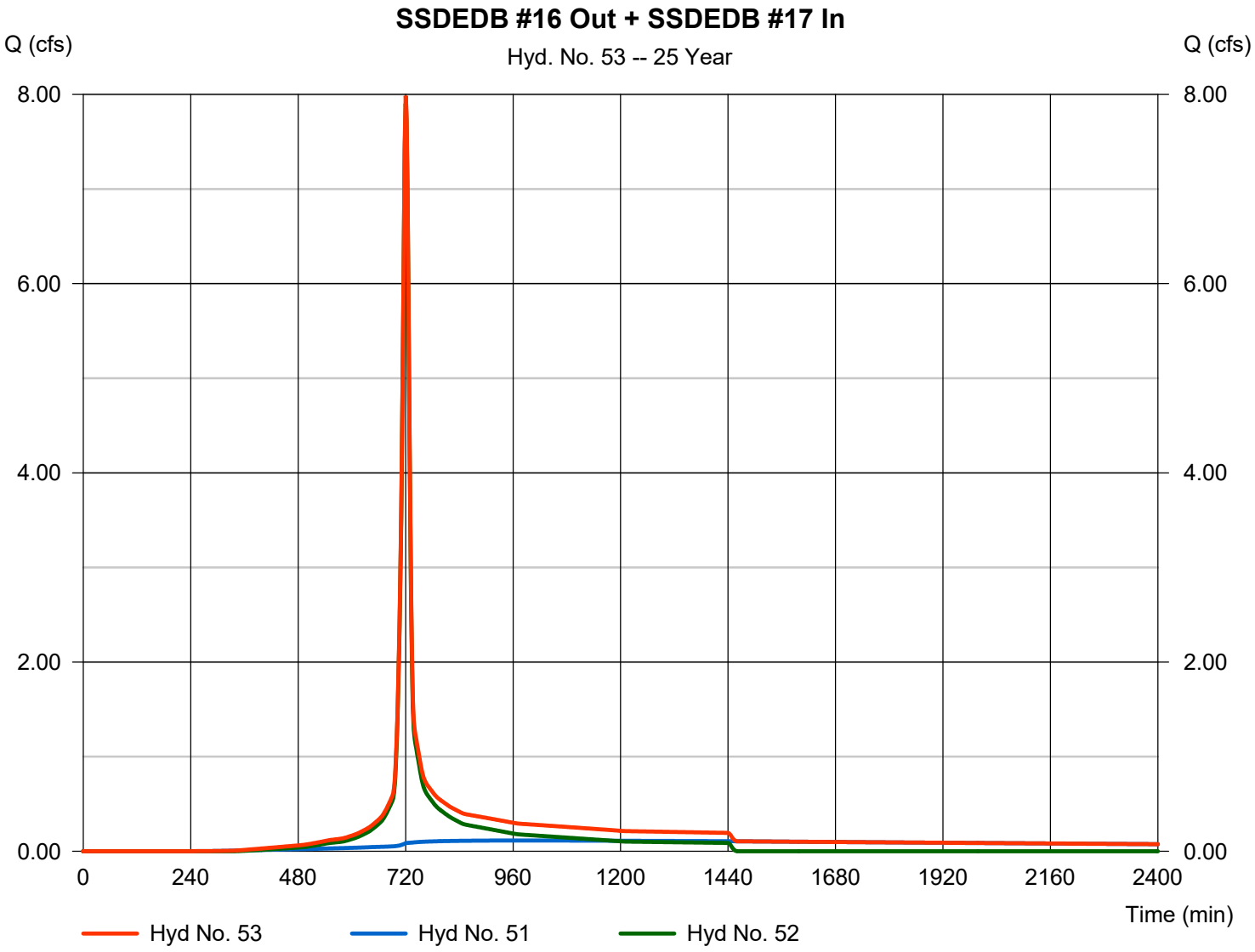
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 7.986 cfs
Storm frequency	= 25 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 35,578 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



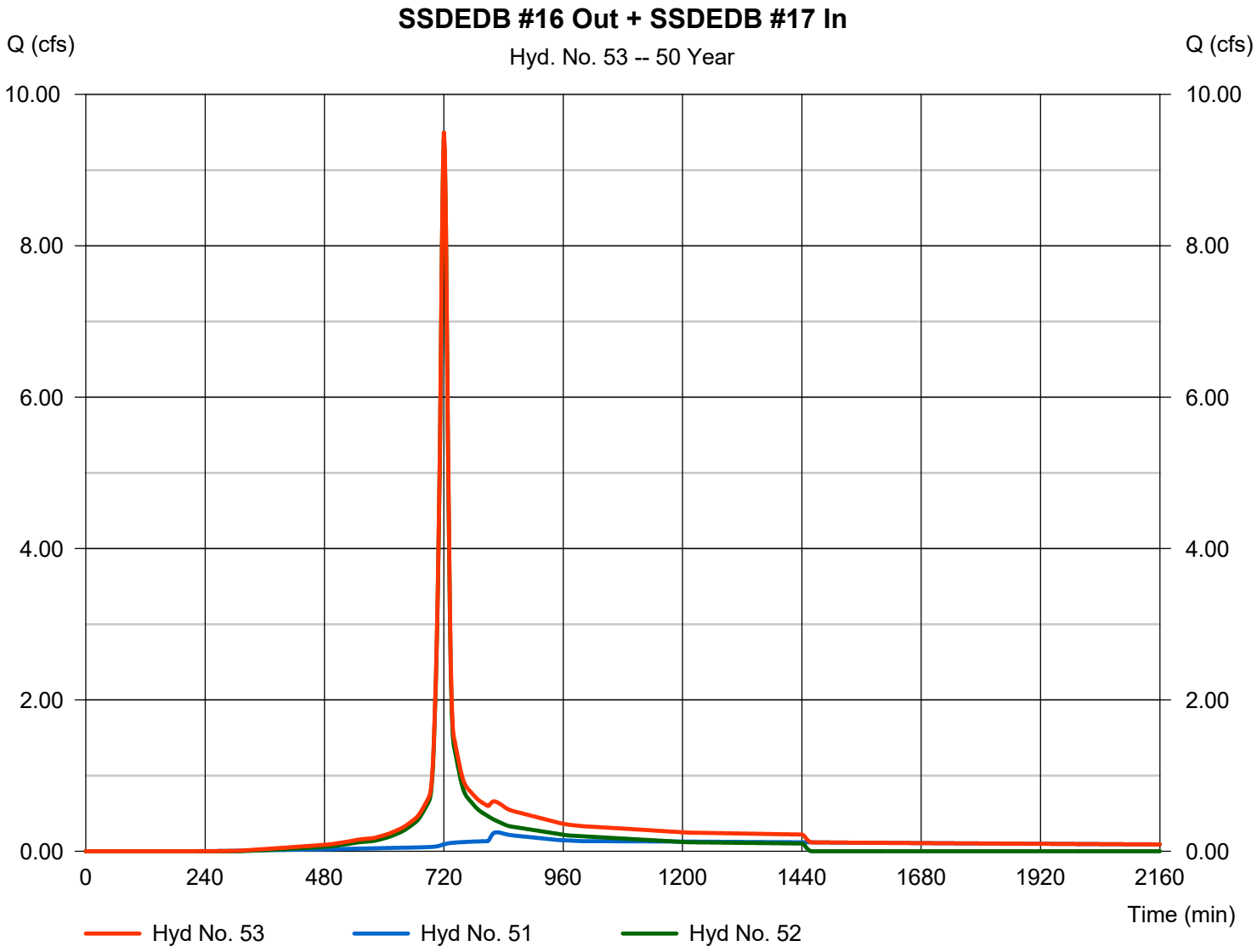
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 9.512 cfs
Storm frequency	= 50 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 42,346 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



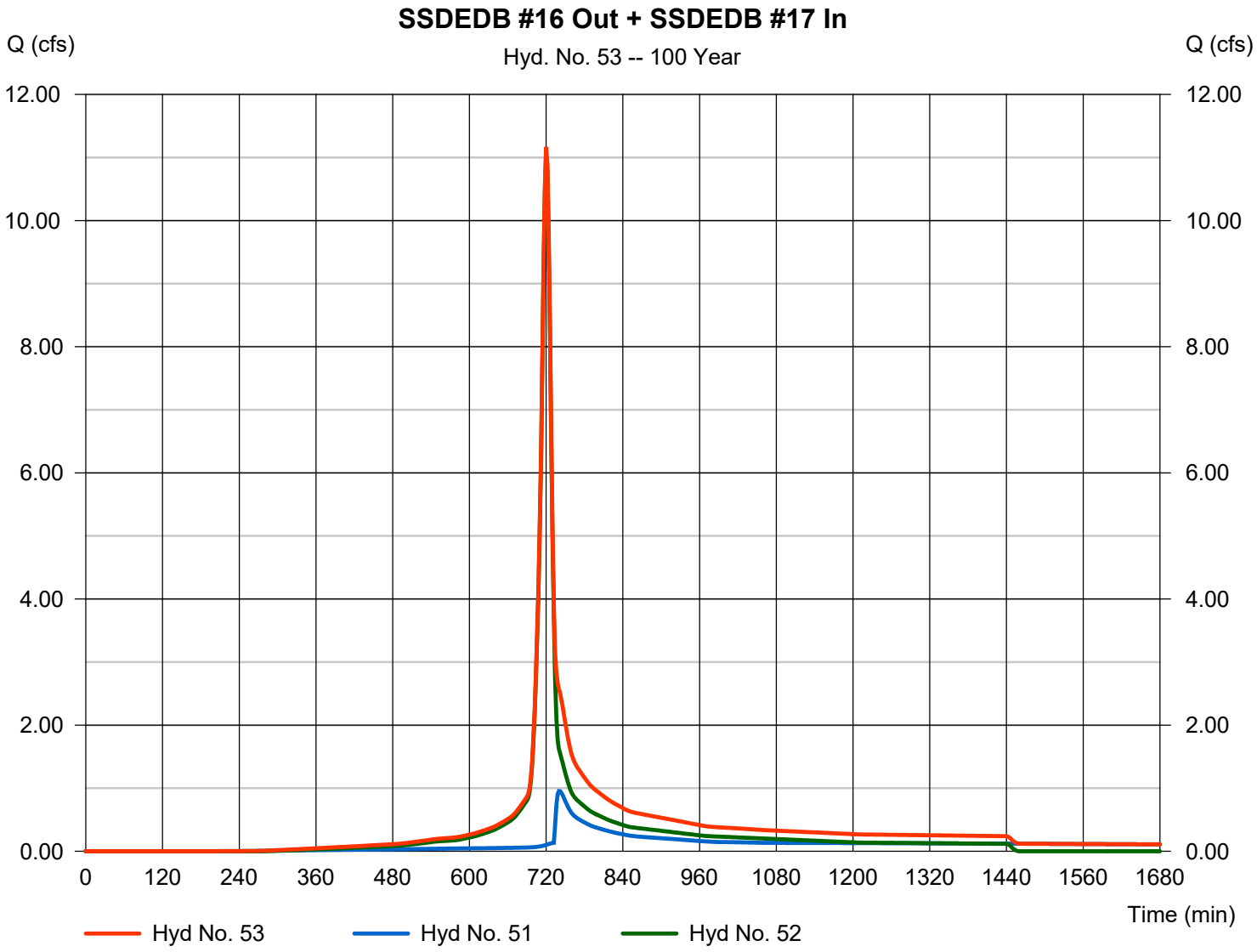
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 53

SSDEDB #16 Out + SSDEDB #17 In

Hydrograph type	= Combine	Peak discharge	= 11.17 cfs
Storm frequency	= 100 yrs	Time to peak	= 720 min
Time interval	= 2 min	Hyd. volume	= 49,763 cuft
Inflow hyds.	= 51, 52	Contrib. drain. area	= 1.440 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #17

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	392.1500	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	392.2333	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	392.3167	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	392.4000	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	392.4833	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	392.5667	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	392.6500	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	392.7333	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	392.8167	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	392.9000	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	392.9833	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	393.0667	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	393.1500	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	393.2333	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	393.3167	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	393.4000	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	393.4833	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	393.5667	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	393.6500	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	393.7333	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	393.8167	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	393.9000	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	393.9833	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	394.0667	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	394.1500	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	394.2333	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	394.3167	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	394.4000	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	394.4833	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	394.5667	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	394.6500	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	394.7333	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	394.8167	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	394.9000	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	394.9833	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	395.0667	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	395.1500	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	395.2333	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	395.3167	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	395.4000	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	395.4833	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	395.5667	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	395.6500	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	395.7333	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	395.8167	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	395.9000	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	395.9833	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	396.0667	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	396.1500	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	396.2333	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	396.3167	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	396.4000	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	396.4833	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	396.5667	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	396.6500	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	396.7333	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	396.8167	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	396.9000	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	396.9833	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	397.0667	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	397.1500	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	397.2333	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	397.3167	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	397.4000	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	397.4833	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	397.5667	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	397.6500	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 17 - SSDEDB #17

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	392.15	n/a	0	0
0.33	392.48	n/a	281	281
0.67	392.82	n/a	281	562
1.00	393.15	n/a	532	1,093
1.33	393.48	n/a	608	1,702
1.67	393.82	n/a	598	2,299
2.00	394.15	n/a	586	2,886
2.33	394.48	n/a	571	3,457
2.67	394.82	n/a	553	4,010
3.00	395.15	n/a	531	4,541
3.33	395.48	n/a	504	5,045
3.67	395.82	n/a	469	5,514
4.00	396.15	n/a	421	5,935
4.33	396.48	n/a	337	6,273
4.67	396.82	n/a	287	6,559
5.00	397.15	n/a	281	6,840
5.33	397.48	n/a	281	7,121
5.50	397.65	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 18.00	3.00	0.00	0.00
Span (in)	= 18.00	3.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 392.15	392.15	0.00	0.00
Length (ft)	= 56.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 396.25	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= No	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	392.15	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	392.48	0.11 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.105
0.67	562	392.82	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
1.00	1,093	393.15	0.22 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.212
1.33	1,702	393.48	0.25 ic	0.25 ic	---	---	0.00	---	---	---	---	---	0.250
1.67	2,299	393.82	0.29 ic	0.28 ic	---	---	0.00	---	---	---	---	---	0.283
2.00	2,886	394.15	0.31 ic	0.31 ic	---	---	0.00	---	---	---	---	---	0.314
2.33	3,457	394.48	0.36 ic	0.34 ic	---	---	0.00	---	---	---	---	---	0.341
2.67	4,010	394.82	0.38 ic	0.37 ic	---	---	0.00	---	---	---	---	---	0.366
3.00	4,541	395.15	0.41 ic	0.39 ic	---	---	0.00	---	---	---	---	---	0.390
3.33	5,045	395.48	0.41 ic	0.41 ic	---	---	0.00	---	---	---	---	---	0.413
3.67	5,514	395.82	0.43 ic	0.43 ic	---	---	0.00	---	---	---	---	---	0.435
4.00	5,935	396.15	0.46 ic	0.46 ic	---	---	0.00	---	---	---	---	---	0.455
4.33	6,273	396.48	0.49 ic	0.47 ic	---	---	0.75	---	---	---	---	---	1.223
4.67	6,559	396.82	0.49 ic	0.49 ic	---	---	2.84	---	---	---	---	---	3.331
5.00	6,840	397.15	0.52 ic	0.51 ic	---	---	5.68	---	---	---	---	---	6.194
5.33	7,121	397.48	0.55 ic	0.53 ic	---	---	9.12	---	---	---	---	---	9.645
5.50	7,261	397.65	0.55 ic	0.54 ic	---	---	11.03	---	---	---	---	---	11.57

Hydrograph Report

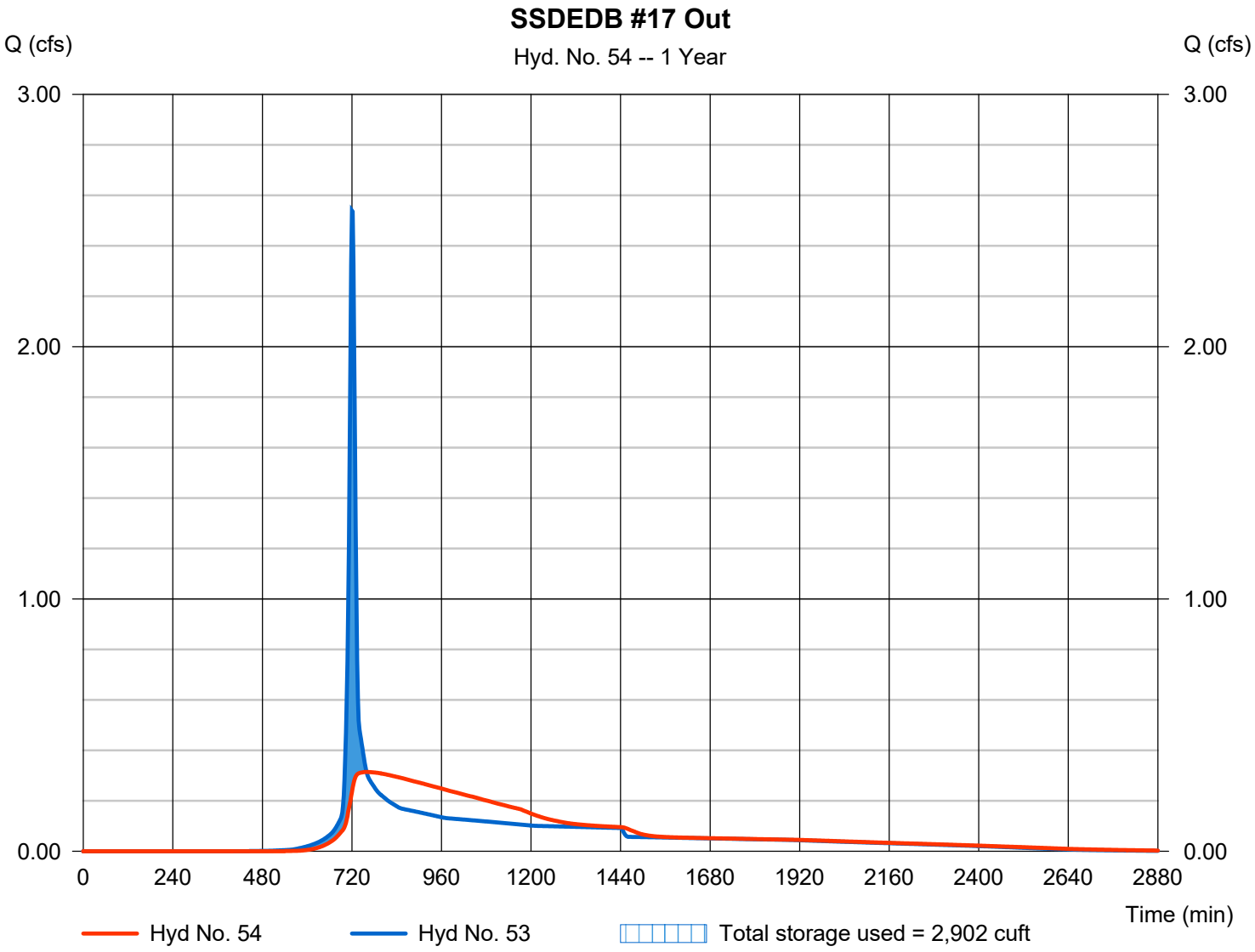
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.314 cfs
Storm frequency	=	1 yrs	Time to peak	=	760 min
Time interval	=	2 min	Hyd. volume	=	11,975 cuft
Inflow hyd. No.	=	53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	=	394.16 ft
Reservoir name	=	SSDEDB #17	Max. Storage	=	2,902 cuft

Storage Indication method used.



Hydrograph Report

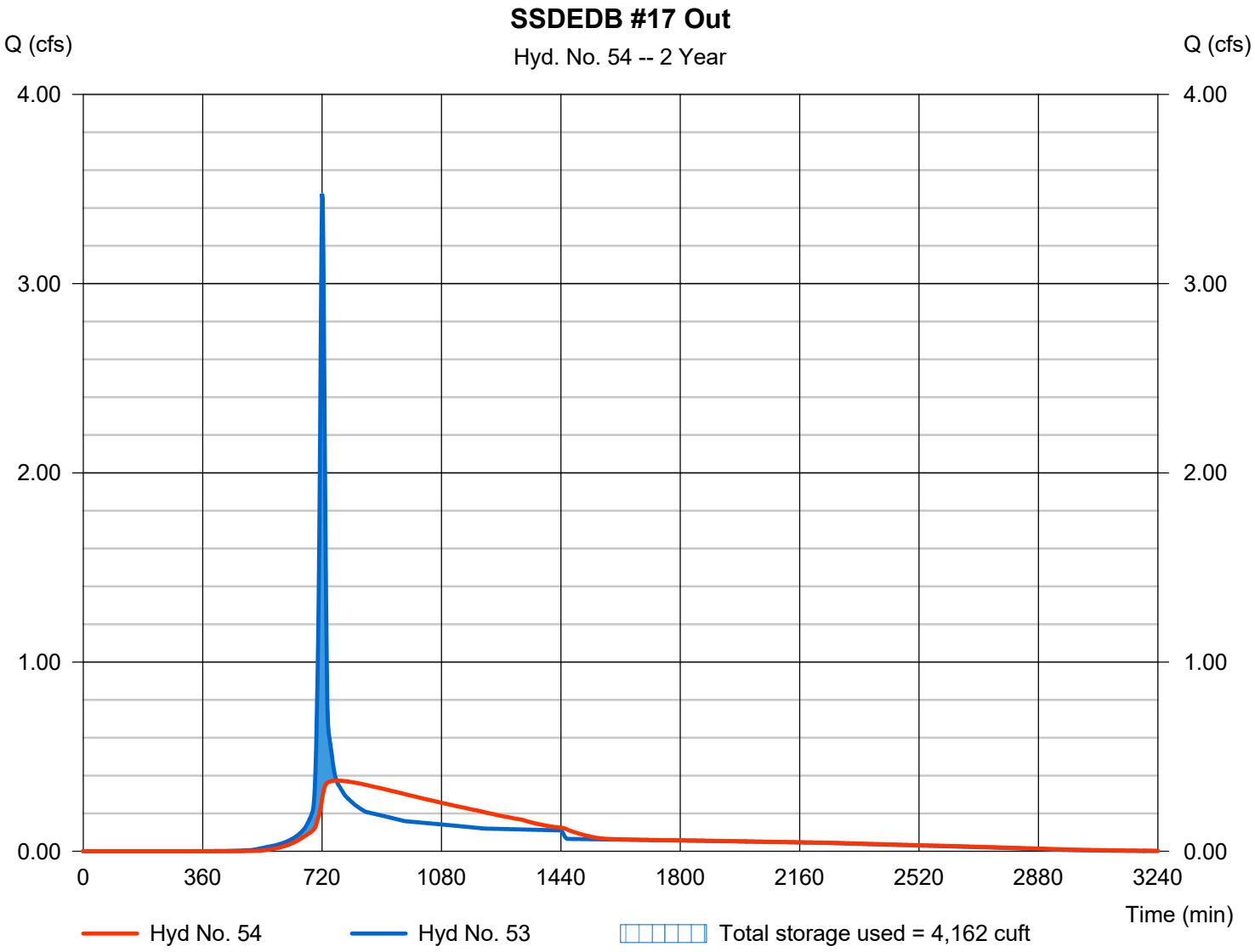
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.374 cfs
Storm frequency	=	2 yrs	Time to peak	=	764 min
Time interval	=	2 min	Hyd. volume	=	15,975 cuft
Inflow hyd. No.	=	53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	=	394.91 ft
Reservoir name	=	SSDEDB #17	Max. Storage	=	4,162 cuft

Storage Indication method used.



Hydrograph Report

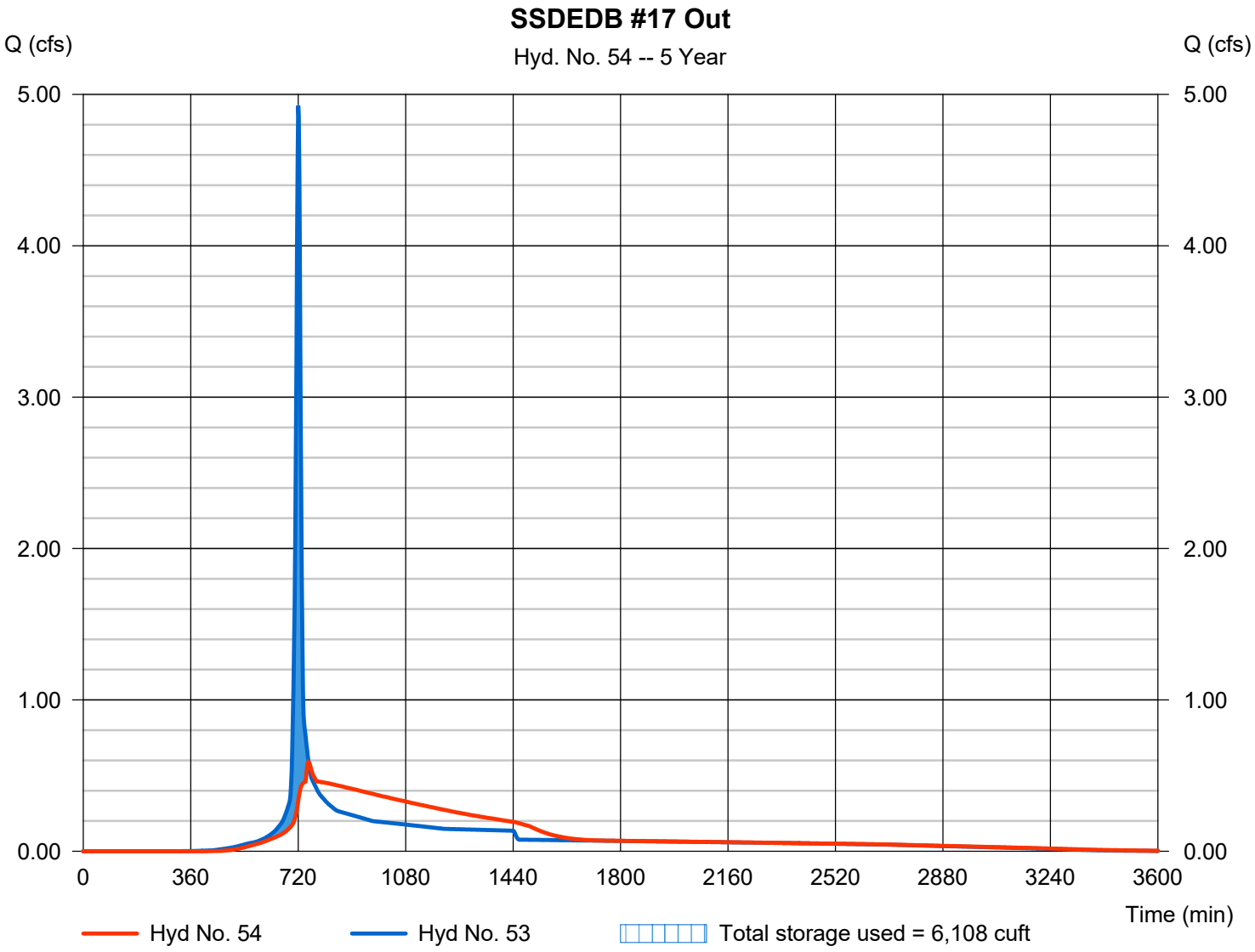
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.590 cfs
Storm frequency	=	5 yrs	Time to peak	=	754 min
Time interval	=	2 min	Hyd. volume	=	22,210 cuft
Inflow hyd. No.	=	53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	=	396.32 ft
Reservoir name	=	SSDEDB #17	Max. Storage	=	6,108 cuft

Storage Indication method used.



Hydrograph Report

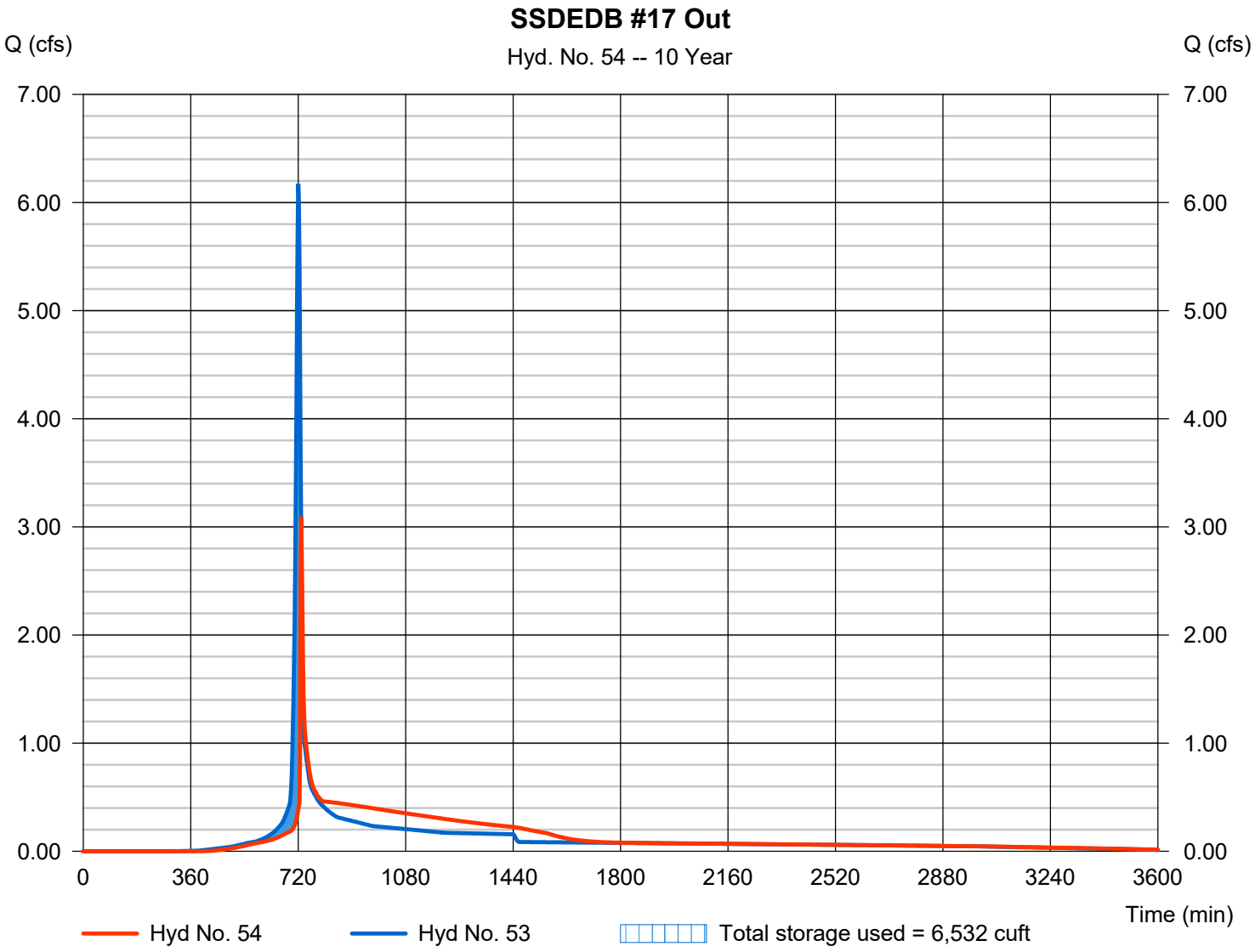
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	=	Reservoir	Peak discharge	=	3.096 cfs
Storm frequency	=	10 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	27,624 cuft
Inflow hyd. No.	=	53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	=	396.80 ft
Reservoir name	=	SSDEDB #17	Max. Storage	=	6,532 cuft

Storage Indication method used.



Hydrograph Report

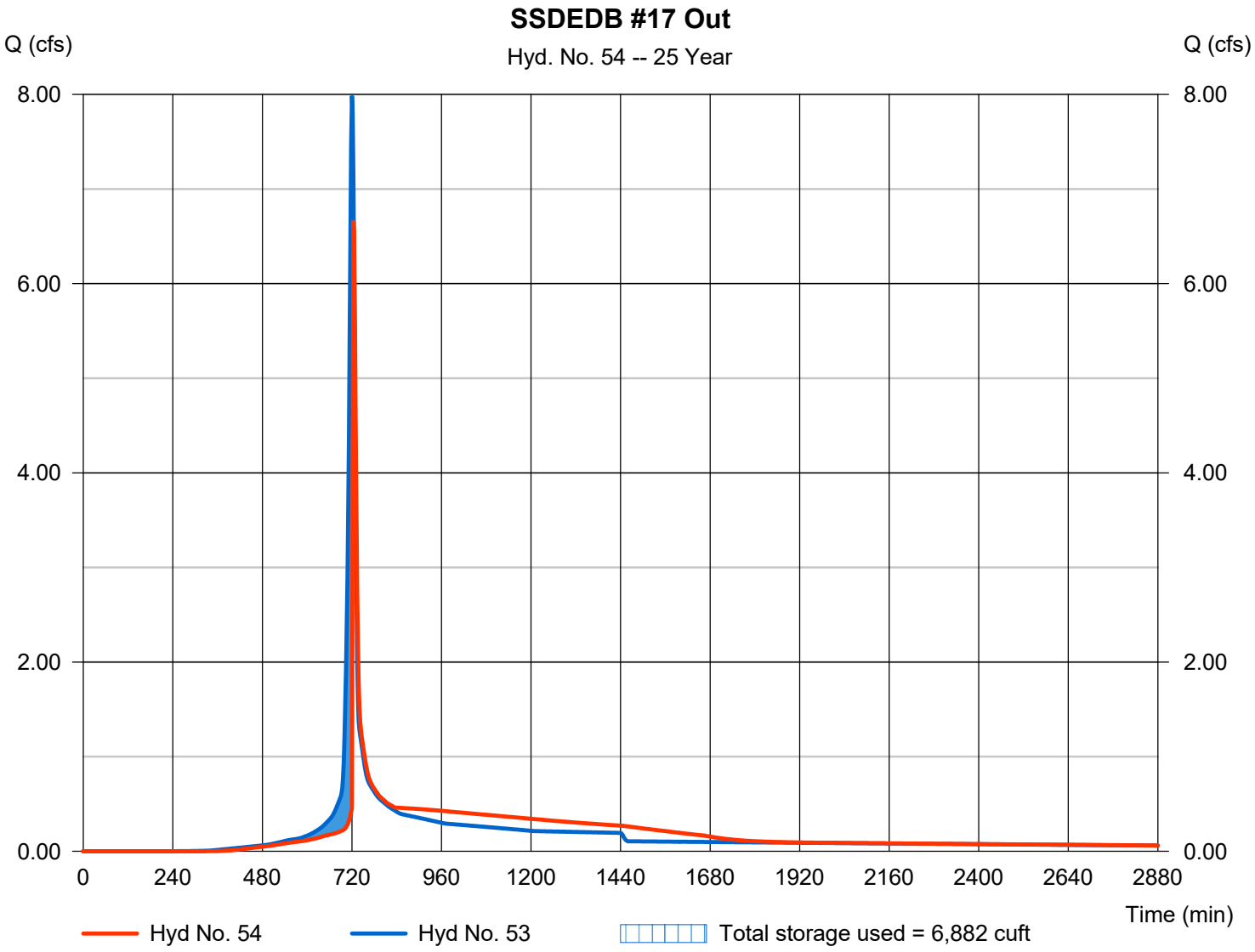
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	= Reservoir	Peak discharge	= 6.670 cfs
Storm frequency	= 25 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 35,566 cuft
Inflow hyd. No.	= 53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	= 397.23 ft
Reservoir name	= SSDEDB #17	Max. Storage	= 6,882 cuft

Storage Indication method used.



Hydrograph Report

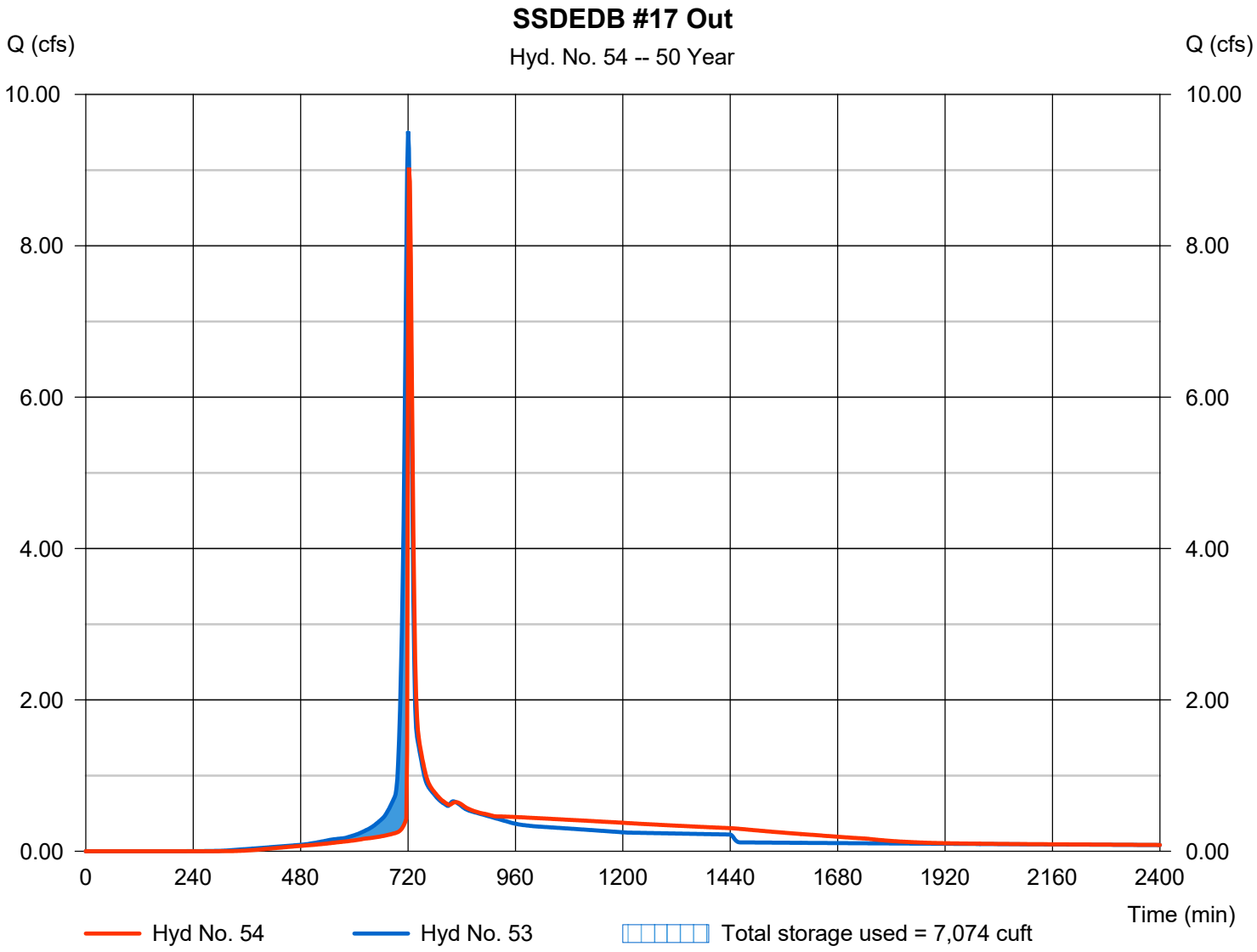
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	=	Reservoir	Peak discharge	=	9.031 cfs
Storm frequency	=	50 yrs	Time to peak	=	722 min
Time interval	=	2 min	Hyd. volume	=	42,334 cuft
Inflow hyd. No.	=	53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	=	397.45 ft
Reservoir name	=	SSDEDB #17	Max. Storage	=	7,074 cuft

Storage Indication method used.



Hydrograph Report

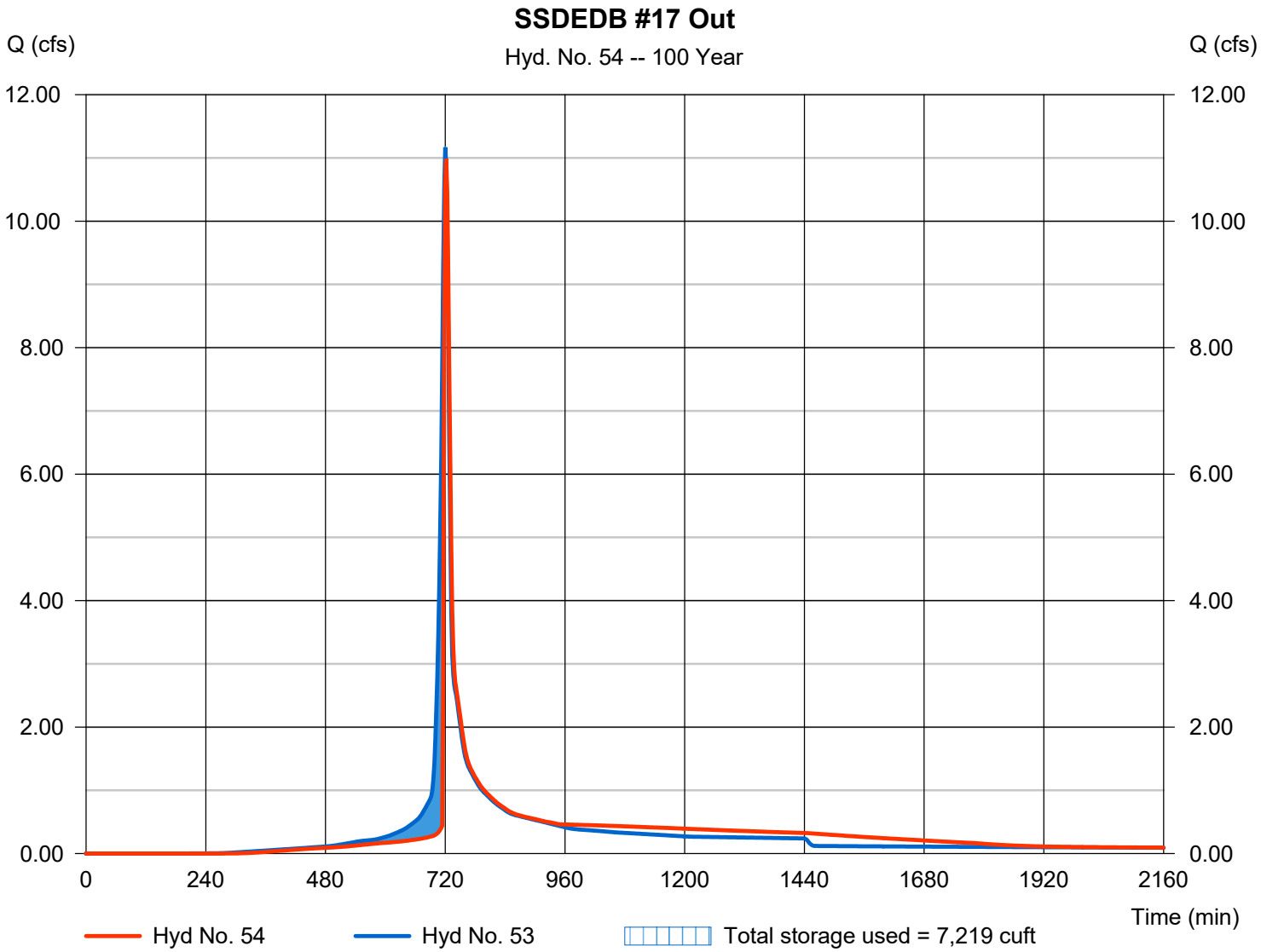
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	= Reservoir	Peak discharge	= 10.98 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 49,750 cuft
Inflow hyd. No.	= 53 - SSDEDB #16 Out + SSDEDB #17 In	Max. Elevation	= 397.61 ft
Reservoir name	= SSDEDB #17	Max. Storage	= 7,219 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #18

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.22	61
IMPERVIOUS	0.58	98

TOTAL 0.80

TR55 Tc Worksheet

Hyd. No. 55

SSDEDB #18 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 95.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 7.40		0.00		0.00		
Travel Time (min)	**= 8.07**	**+**	**0.00**	**+**	**0.00**	**=**	**8.07**
Shallow Concentrated Flow							
Flow length (ft)	= 0.00		0.00		0.00		
Watercourse slope (%)	= 0.00		0.00		0.00		
Surface description	= Paved		Paved		Paved		
Average velocity (ft/s)	=0.00		0.00		0.00		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 10.24		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=18.25						
			0.00				
					0.00		
Flow length (ft)	({0})54.0		0.0		0.0		
Travel Time (min)	**= 0.05**	**+**	**0.00**	**+**	**0.00**	**=**	**0.05**

Total Travel Time, Tc ..... 8.10 min

Hydrograph Report

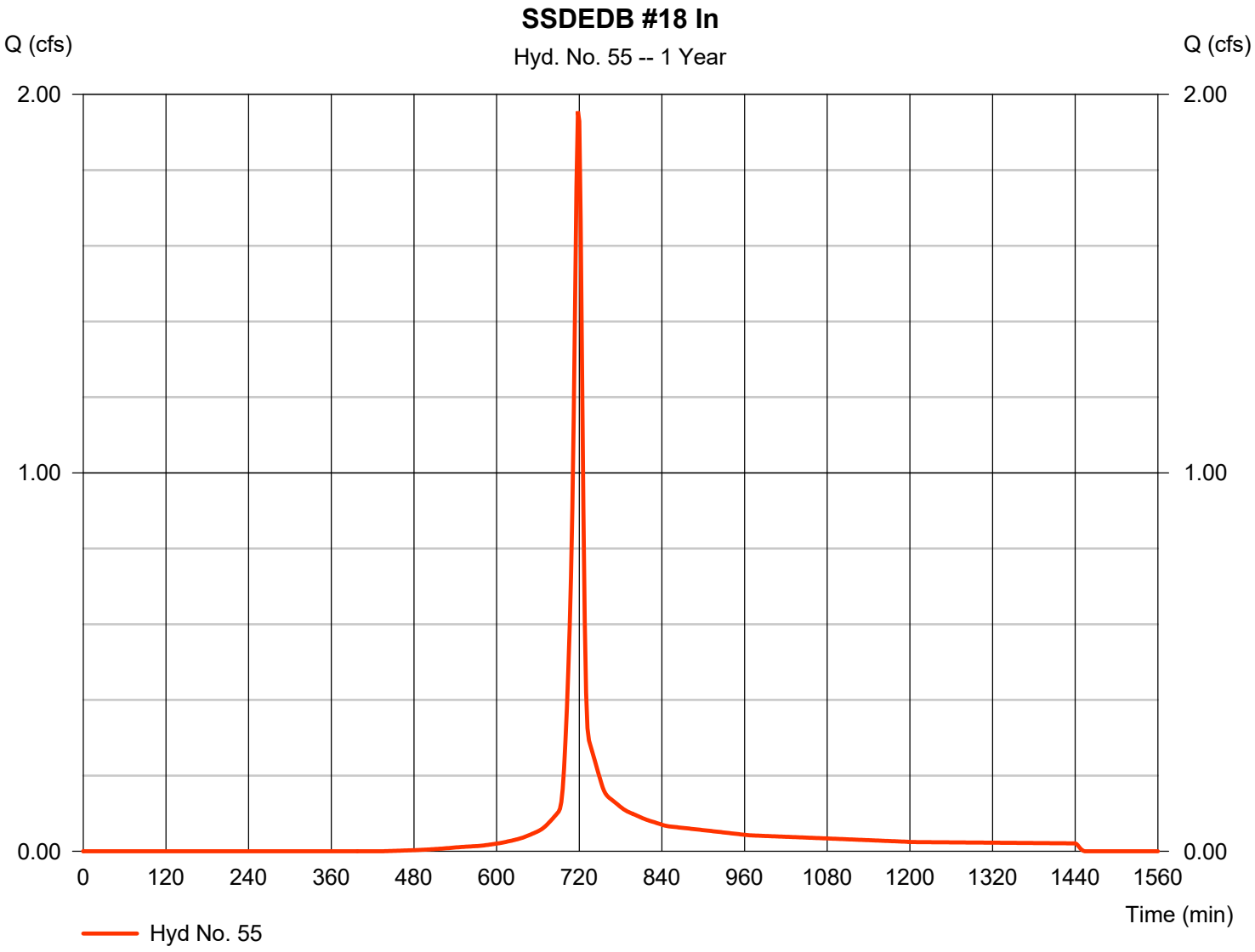
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.955 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 4,488 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

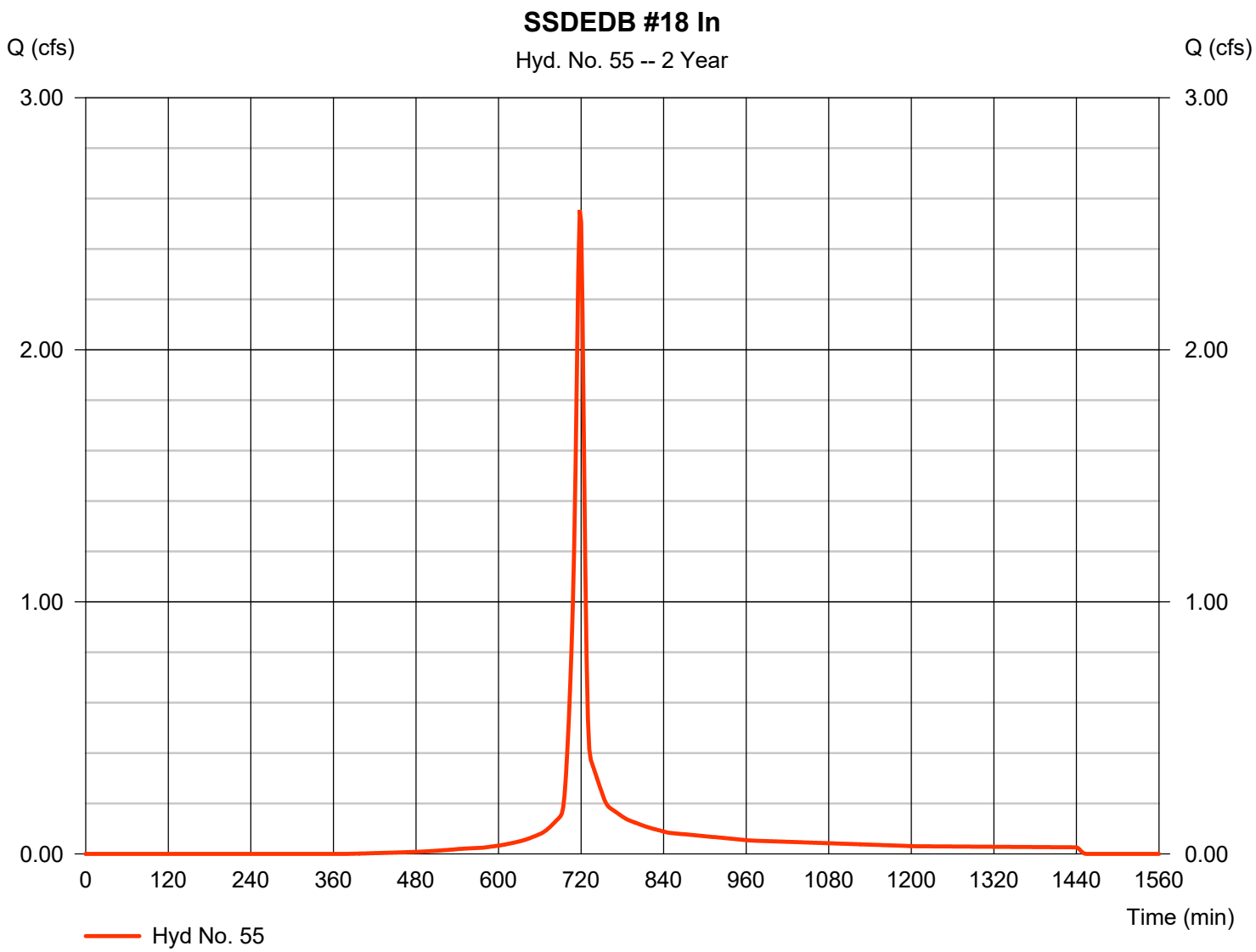
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.554 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 5,904 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

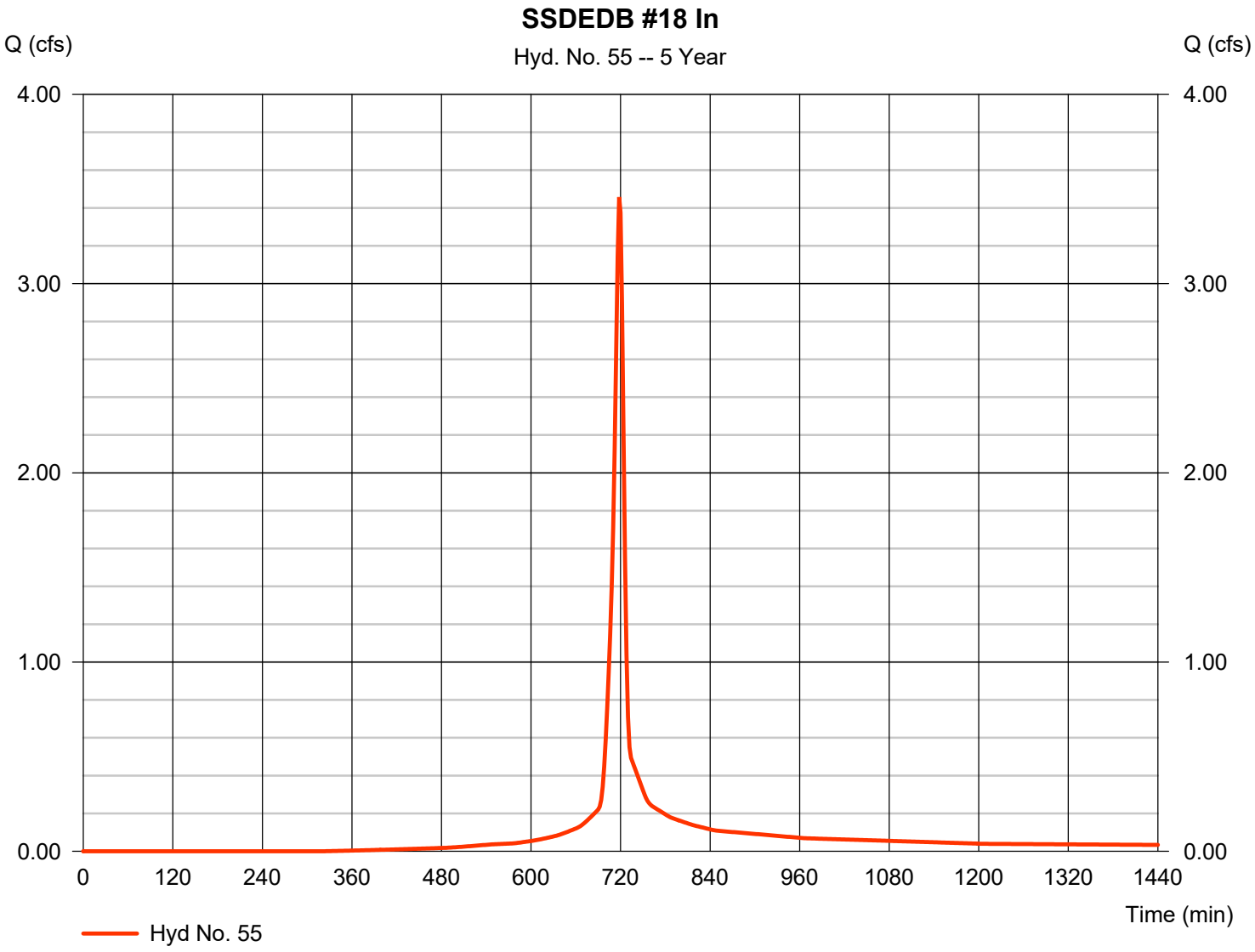
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.457 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 8,087 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

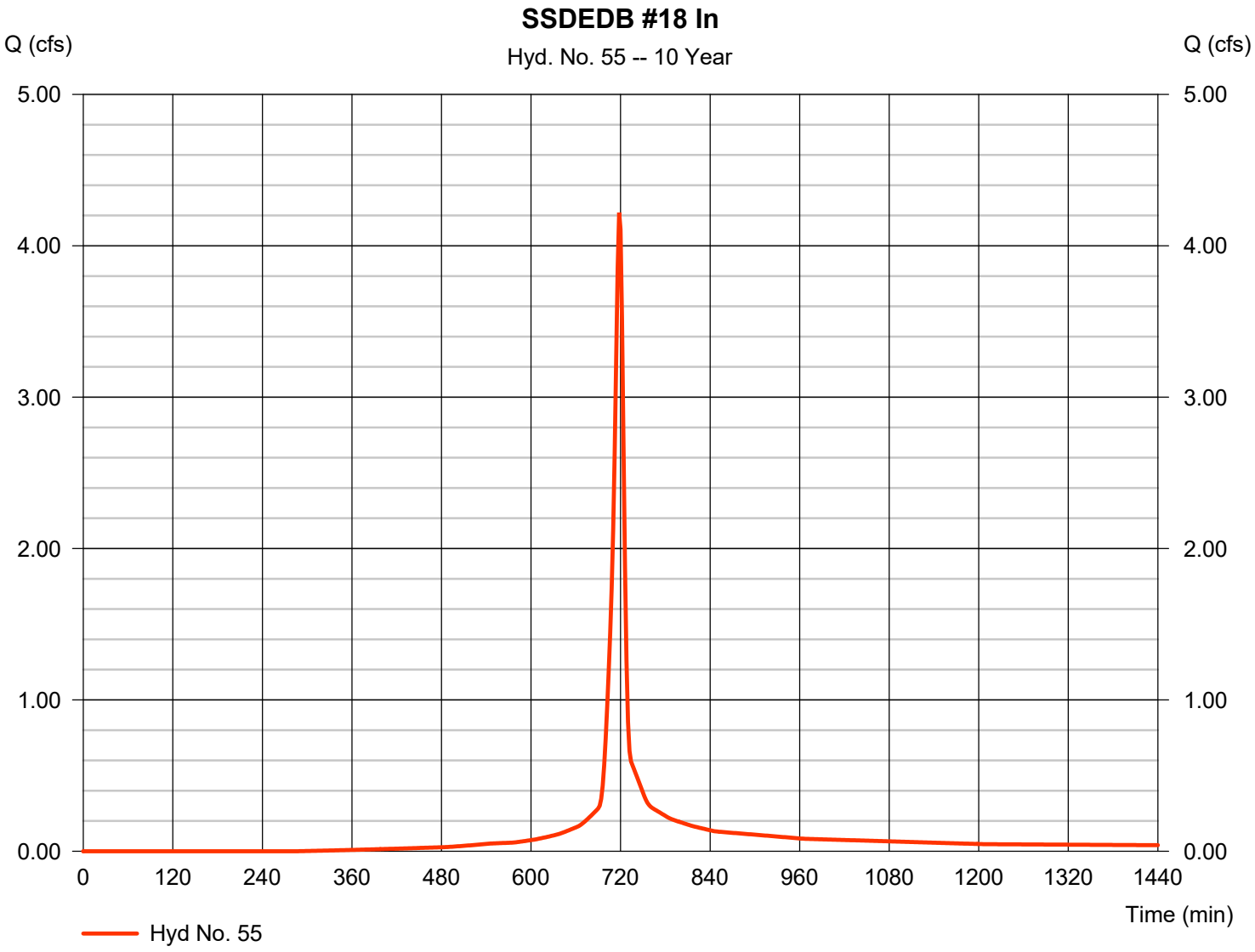
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.219 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 9,967 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

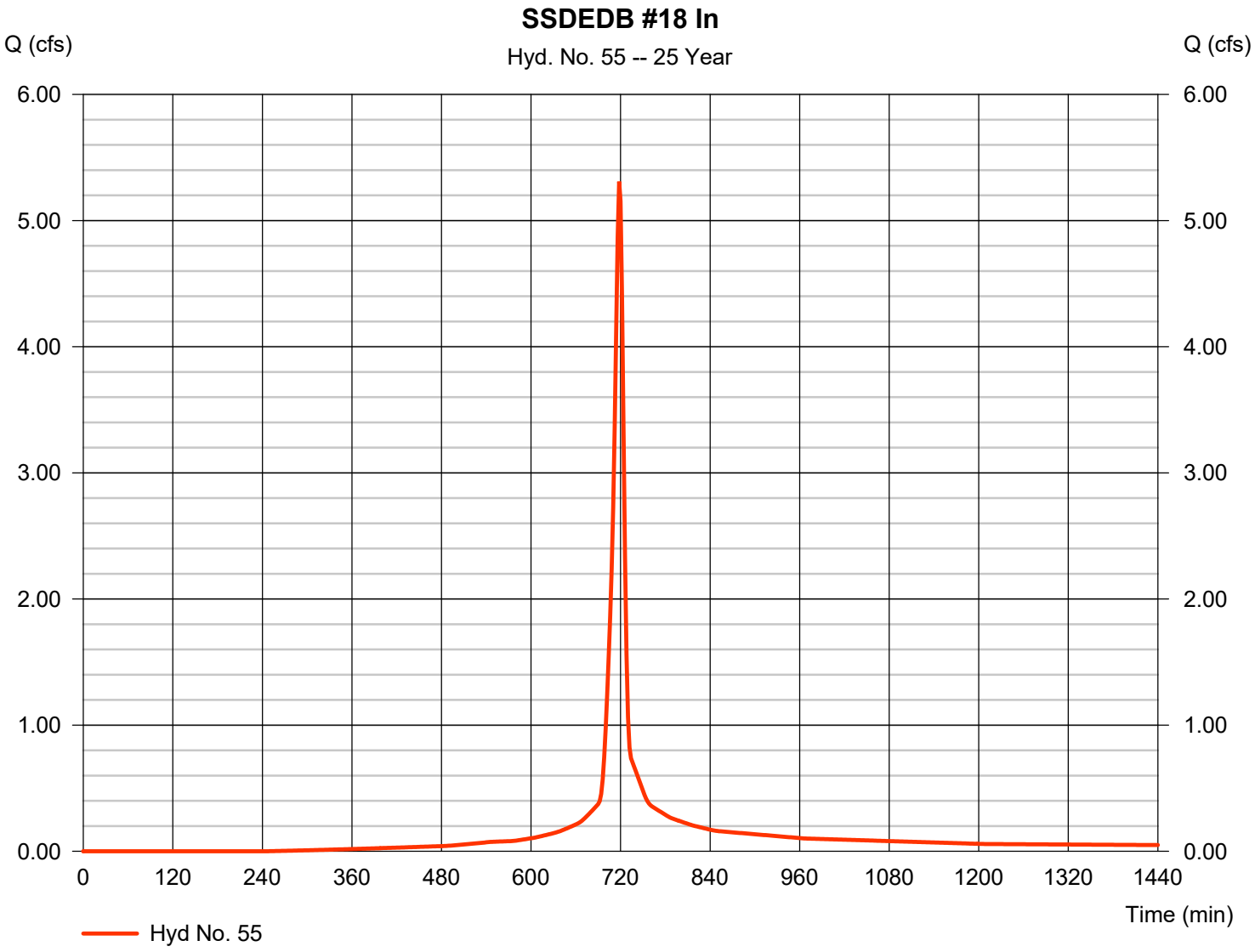
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.309 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 12,707 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

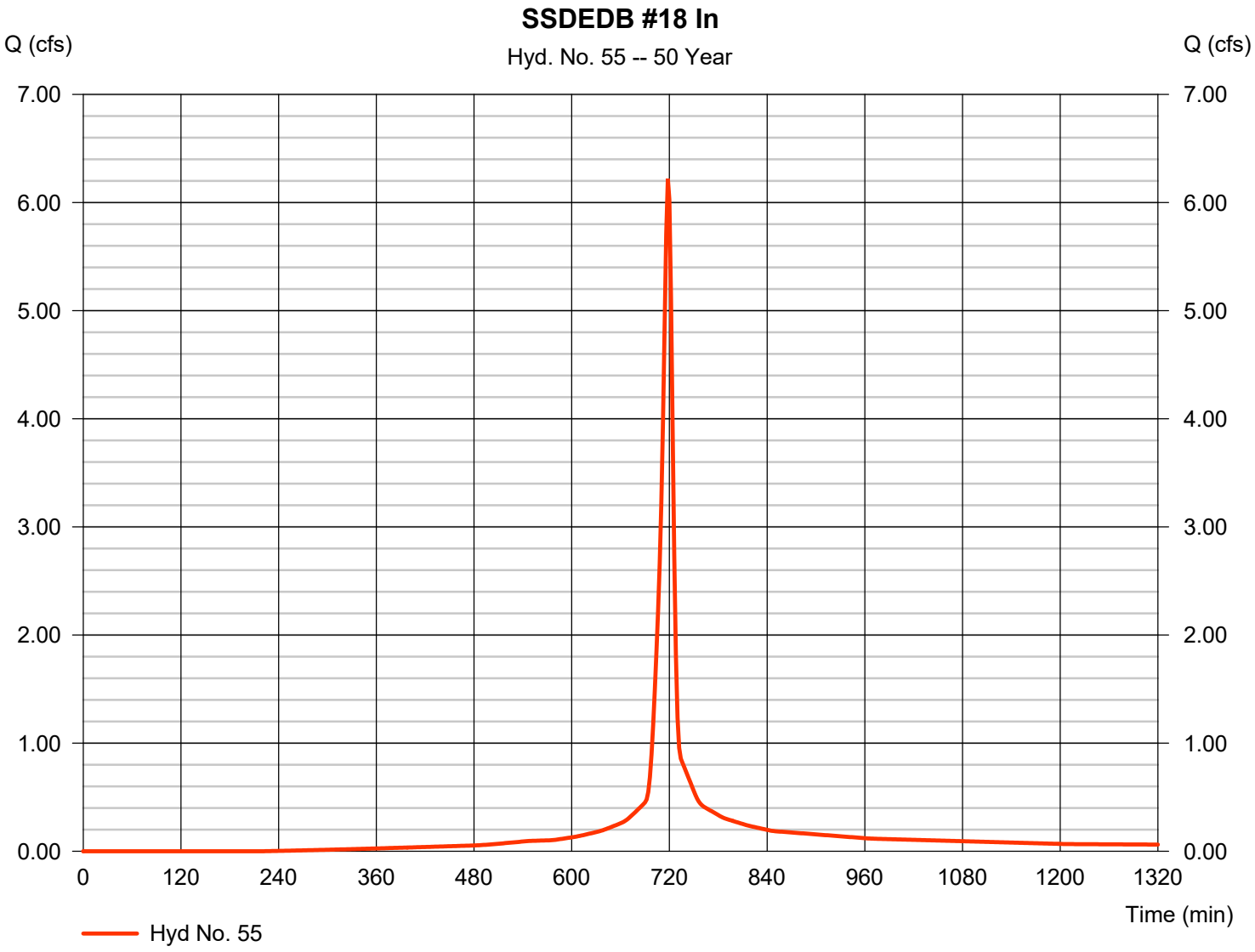
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 6.219 cfs
Storm frequency	= 50 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 15,032 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



Hydrograph Report

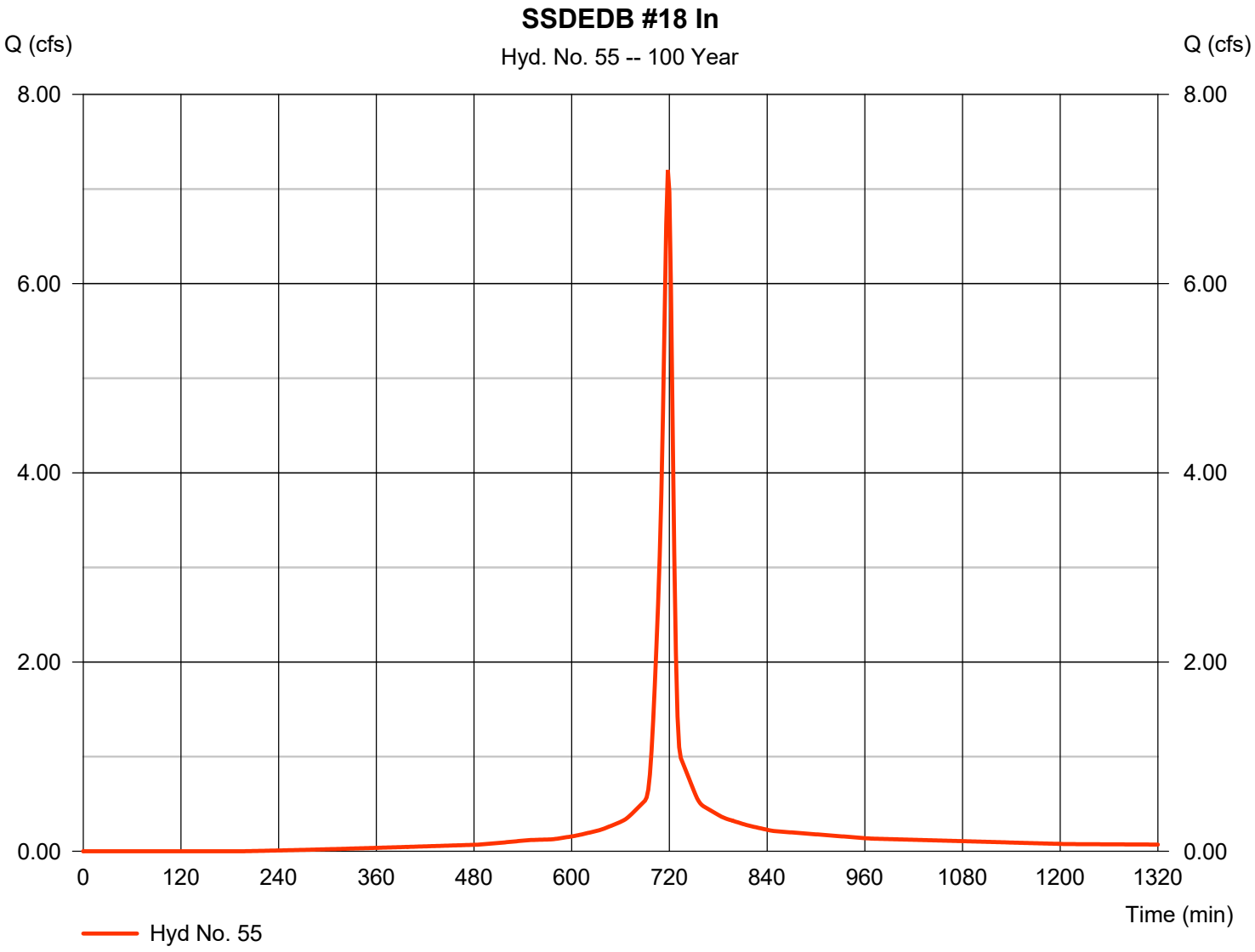
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 55

SSDEDB #18 In

Hydrograph type	= SCS Runoff	Peak discharge	= 7.202 cfs
Storm frequency	= 100 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 17,572 cuft
Drainage area	= 0.800 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 8.10 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.220 x 61) + (0.580 x 98)] / 0.800



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #18

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	387.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	387.0833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	387.1667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	387.2500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	387.3333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	387.4167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	387.5000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	387.5833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	387.6667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	387.7500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	387.8333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	387.9167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	388.0000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	388.0833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	388.1667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	388.2500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	388.3333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	388.4167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	388.5000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	388.5833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	388.6667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	388.7500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	388.8333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	388.9167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	389.0000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	389.0833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	389.1667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	389.2500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	389.3333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	389.4167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	389.5000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	389.5833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	389.6667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	389.7500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	389.8333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	389.9167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	390.0000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	390.0833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	390.1667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	390.2500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	390.3333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	390.4167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	390.5000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	390.5833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	390.6667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	390.7500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	390.8333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	390.9167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	391.0000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	391.0833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	391.1667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	391.2500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	391.3333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	391.4167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	391.5000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	391.5833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	391.6667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	391.7500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	391.8333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	391.9167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	392.0000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	392.0833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	392.1667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	392.2500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	392.3333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	392.4167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	392.5000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 18 - SSDEDB #18

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	387.00	n/a	0	0
0.33	387.33	n/a	281	281
0.67	387.67	n/a	281	562
1.00	388.00	n/a	532	1,093
1.33	388.33	n/a	608	1,702
1.67	388.67	n/a	598	2,299
2.00	389.00	n/a	586	2,886
2.33	389.33	n/a	571	3,457
2.67	389.67	n/a	553	4,010
3.00	390.00	n/a	531	4,541
3.33	390.33	n/a	504	5,045
3.67	390.67	n/a	469	5,514
4.00	391.00	n/a	421	5,935
4.33	391.33	n/a	337	6,273
4.67	391.67	n/a	287	6,559
5.00	392.00	n/a	281	6,840
5.33	392.33	n/a	281	7,121
5.50	392.50	n/a	140	7,261

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	1.25	0.00	0.00
Span (in)	= 15.00	1.25	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 387.00	387.00	0.00	0.00
Length (ft)	= 120.00	0.00	0.00	0.00
Slope (%)	= 0.50	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 391.50	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	387.00	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	387.33	0.02 ic	0.02 ic	---	---	0.00	---	---	---	---	---	0.021
0.67	562	387.67	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.031
1.00	1,093	388.00	0.04 ic	0.04 ic	---	---	0.00	---	---	---	---	---	0.039
1.33	1,702	388.33	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.046
1.67	2,299	388.67	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
2.00	2,886	389.00	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
2.33	3,457	389.33	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.061
2.67	4,010	389.67	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.066
3.00	4,541	390.00	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.070
3.33	5,045	390.33	0.08 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.074
3.67	5,514	390.67	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
4.00	5,935	391.00	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.081
4.33	6,273	391.33	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.084
4.67	6,559	391.67	0.54 ic	0.09 ic	---	---	0.45	---	---	---	---	---	0.537
5.00	6,840	392.00	2.46 ic	0.08 ic	---	---	2.35	---	---	---	---	---	2.435
5.33	7,121	392.33	5.14 oc	0.08 ic	---	---	5.06	---	---	---	---	---	5.140
5.50	7,261	392.50	6.73 oc	0.07 ic	---	---	6.66	---	---	---	---	---	6.732

Hydrograph Report

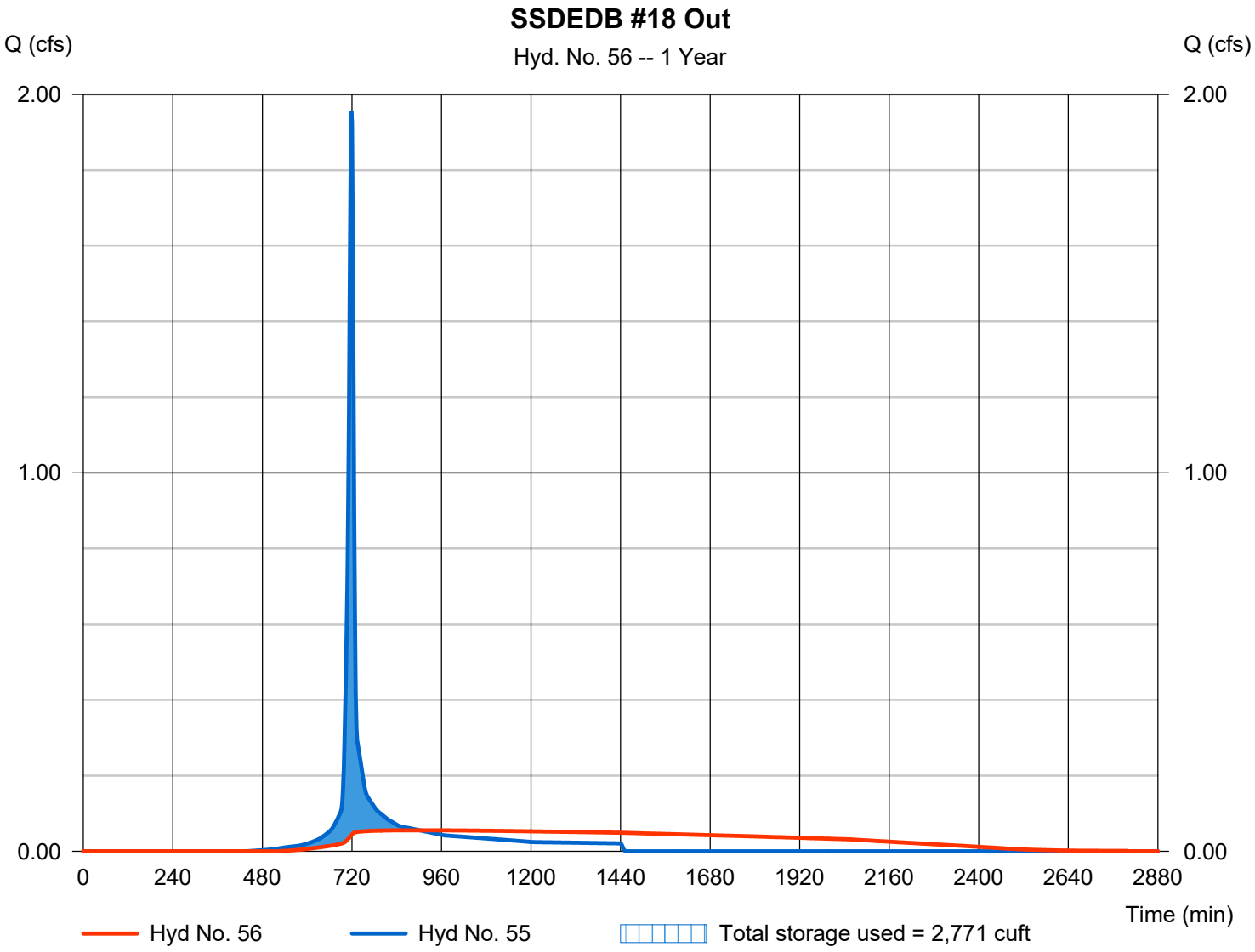
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 1 yrs	Time to peak	= 902 min
Time interval	= 2 min	Hyd. volume	= 4,469 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Max. Elevation	= 388.93 ft
Reservoir name	= SSDEDB #18	Max. Storage	= 2,771 cuft

Storage Indication method used.



Hydrograph Report

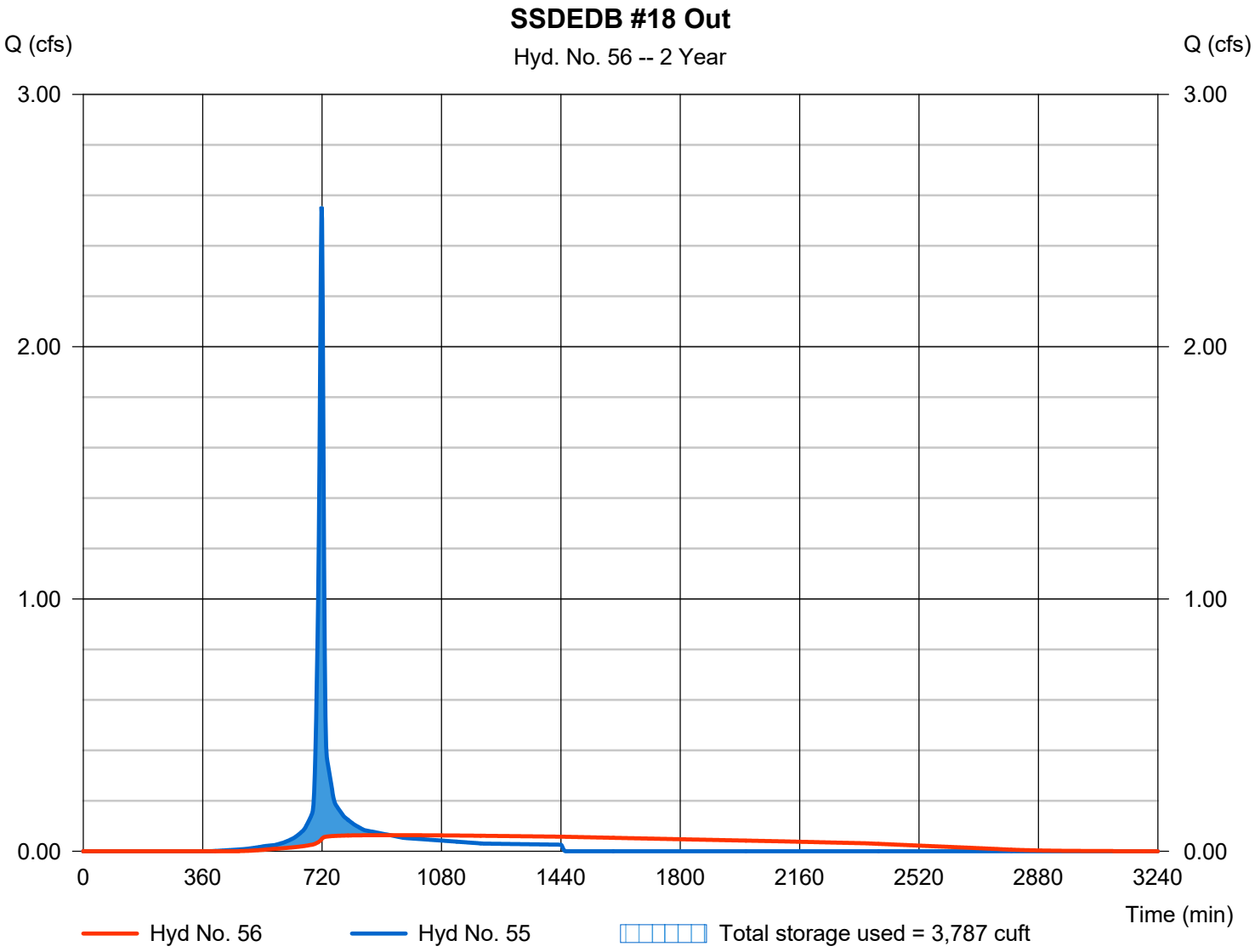
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.064 cfs
Storm frequency	=	2 yrs	Time to peak	=	924 min
Time interval	=	2 min	Hyd. volume	=	5,885 cuft
Inflow hyd. No.	=	55 - SSDEDB #18 In	Max. Elevation	=	389.53 ft
Reservoir name	=	SSDEDB #18	Max. Storage	=	3,787 cuft

Storage Indication method used.



Hydrograph Report

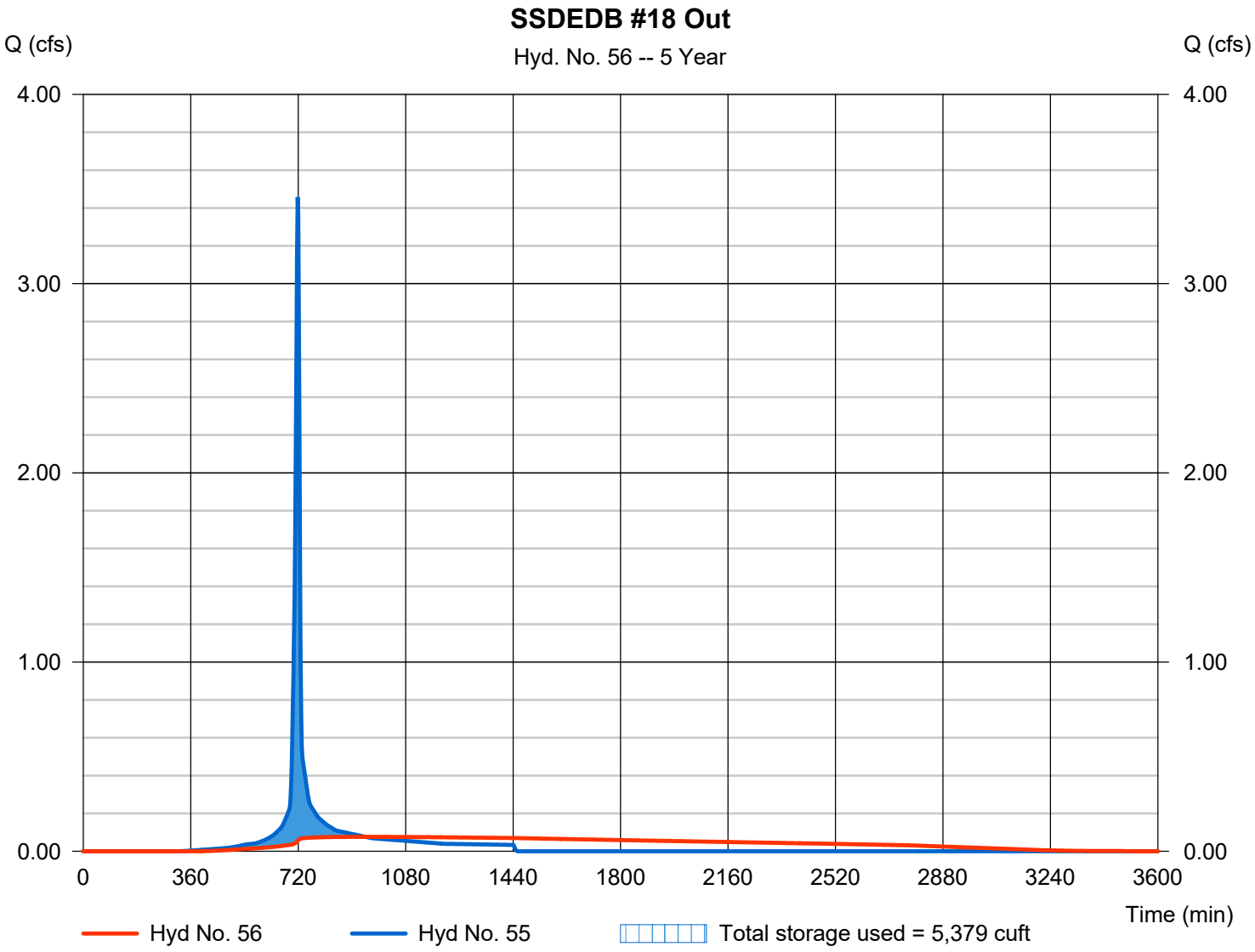
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.076 cfs
Storm frequency	=	5 yrs	Time to peak	=	946 min
Time interval	=	2 min	Hyd. volume	=	8,068 cuft
Inflow hyd. No.	=	55 - SSDEDB #18 In	Max. Elevation	=	390.57 ft
Reservoir name	=	SSDEDB #18	Max. Storage	=	5,379 cuft

Storage Indication method used.



Hydrograph Report

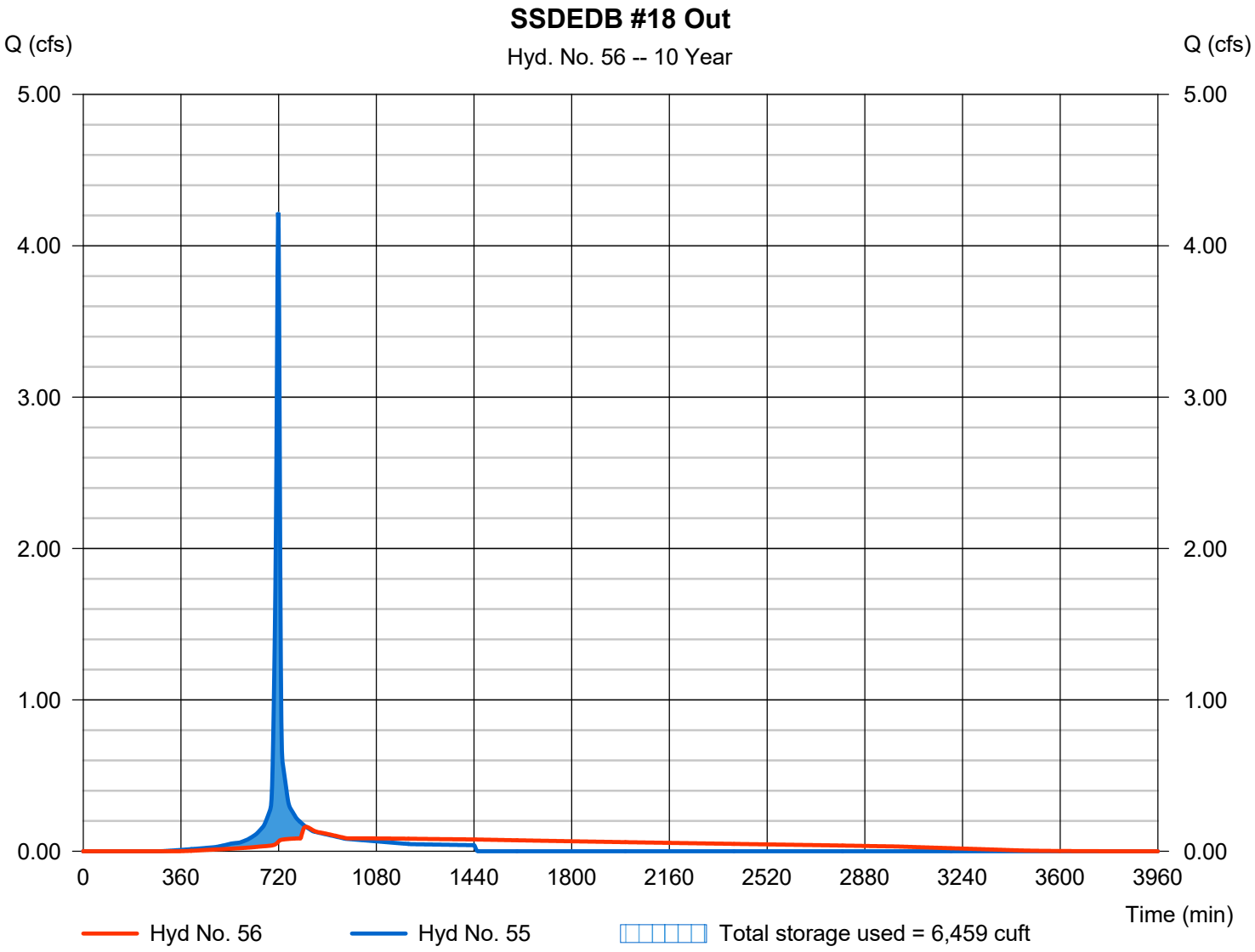
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.162 cfs
Storm frequency	= 10 yrs	Time to peak	= 820 min
Time interval	= 2 min	Hyd. volume	= 9,947 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Max. Elevation	= 391.55 ft
Reservoir name	= SSDEDB #18	Max. Storage	= 6,459 cuft

Storage Indication method used.



Hydrograph Report

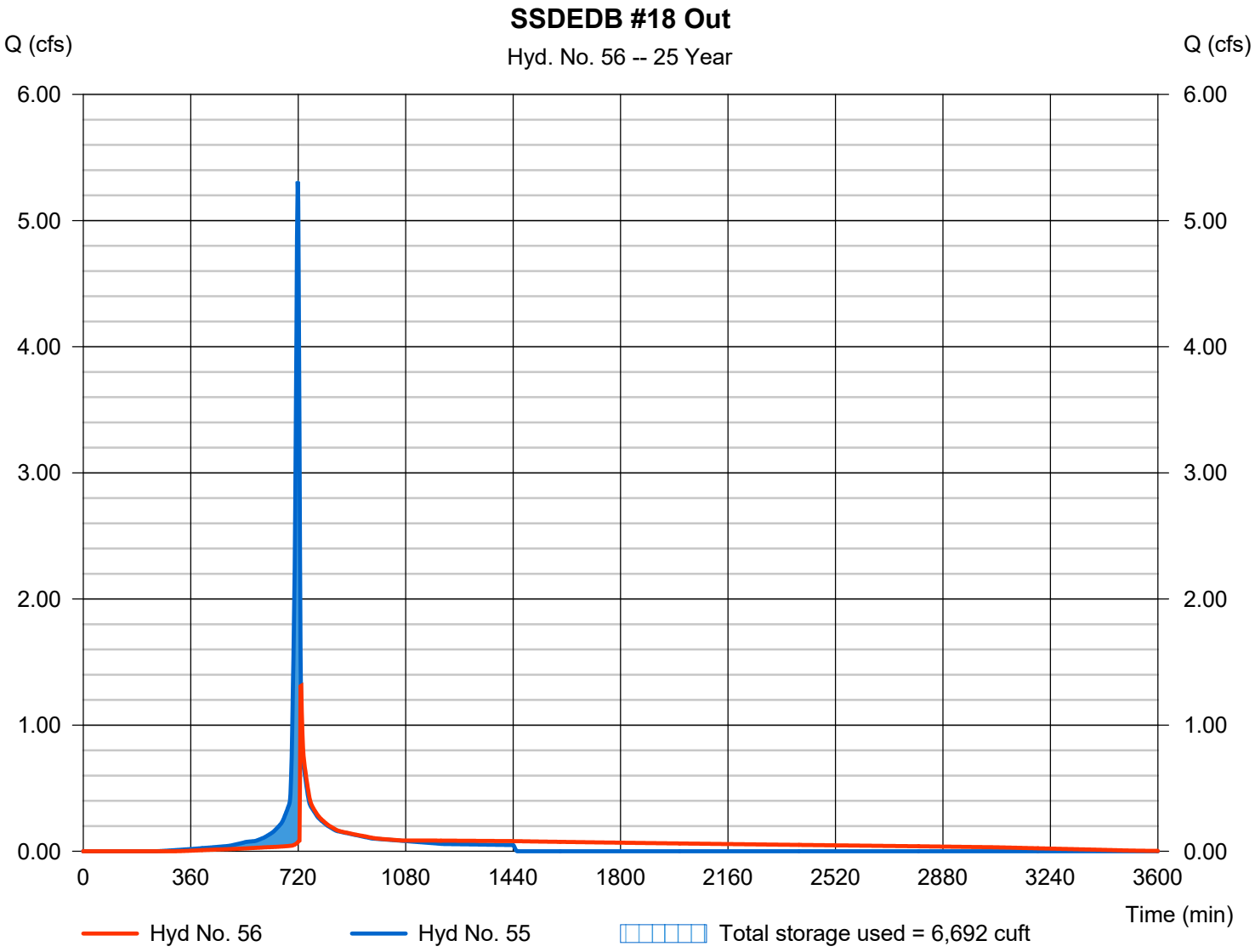
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.311 cfs
Storm frequency	= 25 yrs	Time to peak	= 730 min
Time interval	= 2 min	Hyd. volume	= 12,688 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Max. Elevation	= 391.84 ft
Reservoir name	= SSDEDB #18	Max. Storage	= 6,692 cuft

Storage Indication method used.



Hydrograph Report

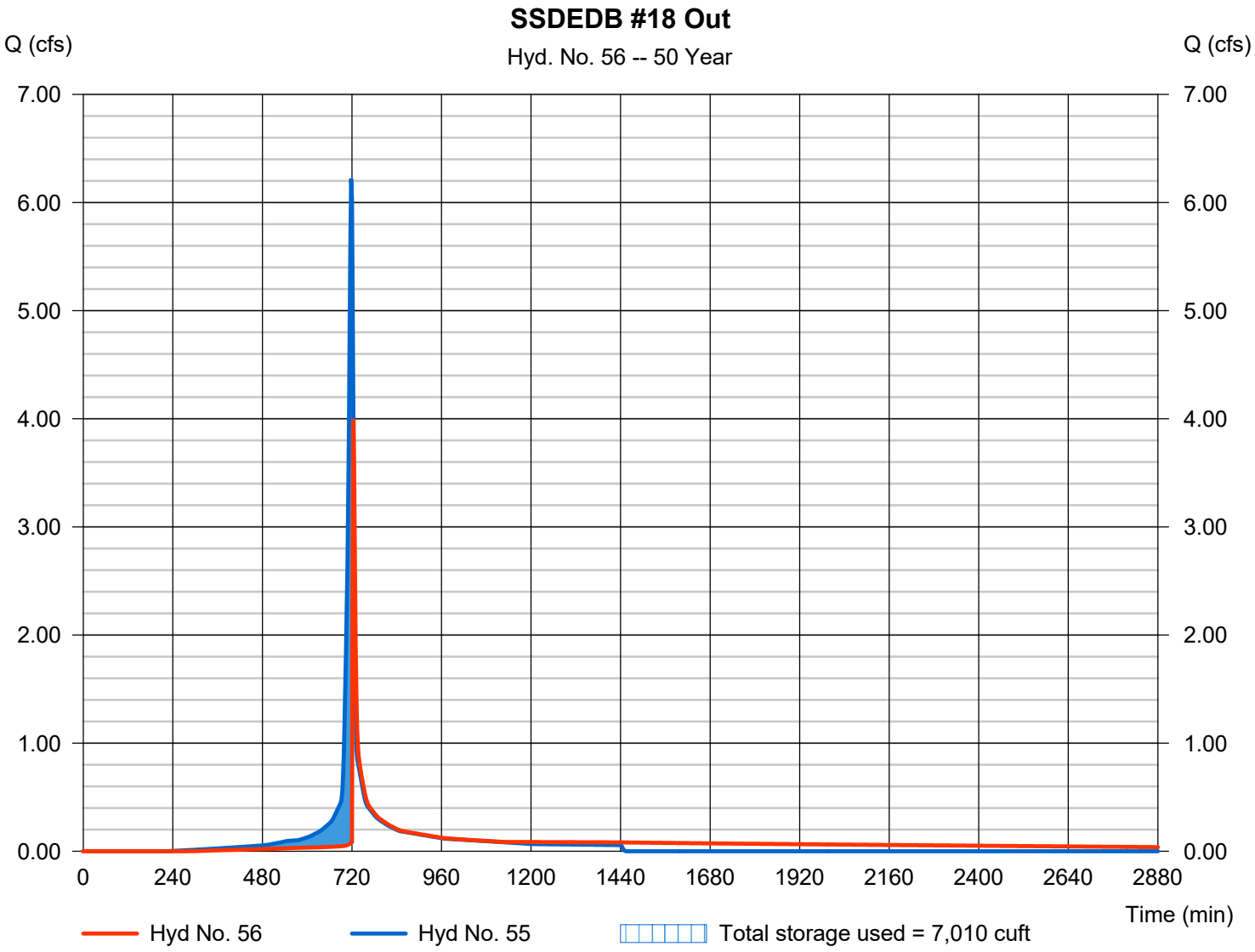
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 3.997 cfs
Storm frequency	= 50 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 15,013 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Max. Elevation	= 392.21 ft
Reservoir name	= SSDEDB #18	Max. Storage	= 7,010 cuft

Storage Indication method used.



Hydrograph Report

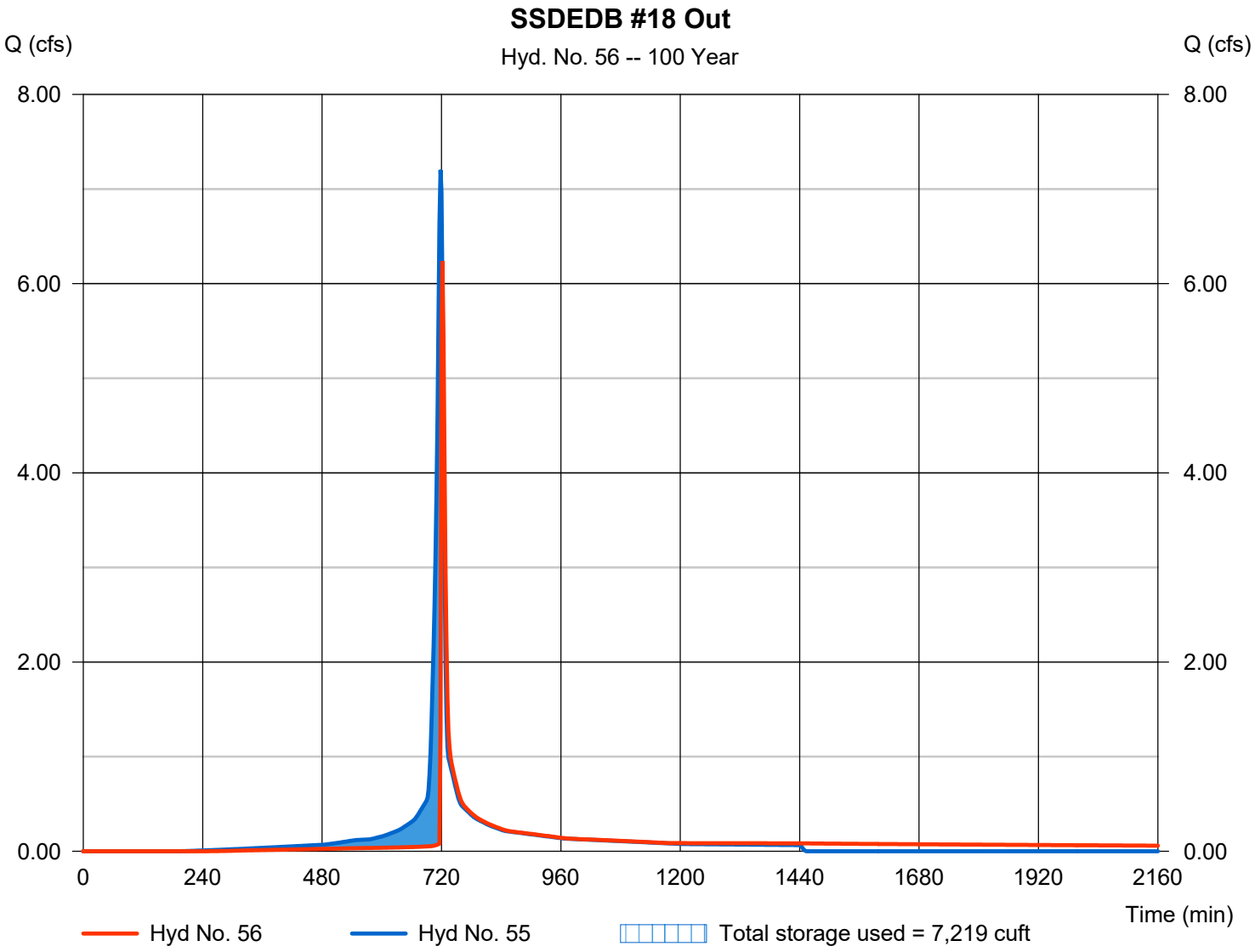
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 6.237 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 17,553 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Max. Elevation	= 392.47 ft
Reservoir name	= SSDEDB #18	Max. Storage	= 7,219 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #19

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.46	61
IMPERVIOUS	1.23	98

TOTAL 1.69

TR55 Tc Worksheet

Hyd. No. 57

SSDEDB #19 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.240		0.011		0.011		
Flow length (ft)	= 100.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 2.00		0.00		0.00		
Travel Time (min)	**= 14.18**	**+**	**0.00**	**+**	**0.00**	**=**	**14.18**
Shallow Concentrated Flow							
Flow length (ft)	= 58.00		0.00		0.00		
Watercourse slope (%)	= 2.00		0.00		0.00		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=2.28		0.00		0.00		
Travel Time (min)	**= 0.42**	**+**	**0.00**	**+**	**0.00**	**=**	**0.42**
Channel Flow							
X sectional flow area (sqft)	= 1.23		0.00		0.00		
Wetted perimeter (ft)	= 3.93		0.00		0.00		
Channel slope (%)	= 1.00		0.00		0.00		
Manning's n-value	= 0.012		0.015		0.015		
Velocity (ft/s)	=5.70						
			0.00				
					0.00		
Flow length (ft)	({0})138.0		0.0		0.0		
Travel Time (min)	**= 0.40**	**+**	**0.00**	**+**	**0.00**	**=**	**0.40**

Total Travel Time, Tc ..... 15.00 min

Hydrograph Report

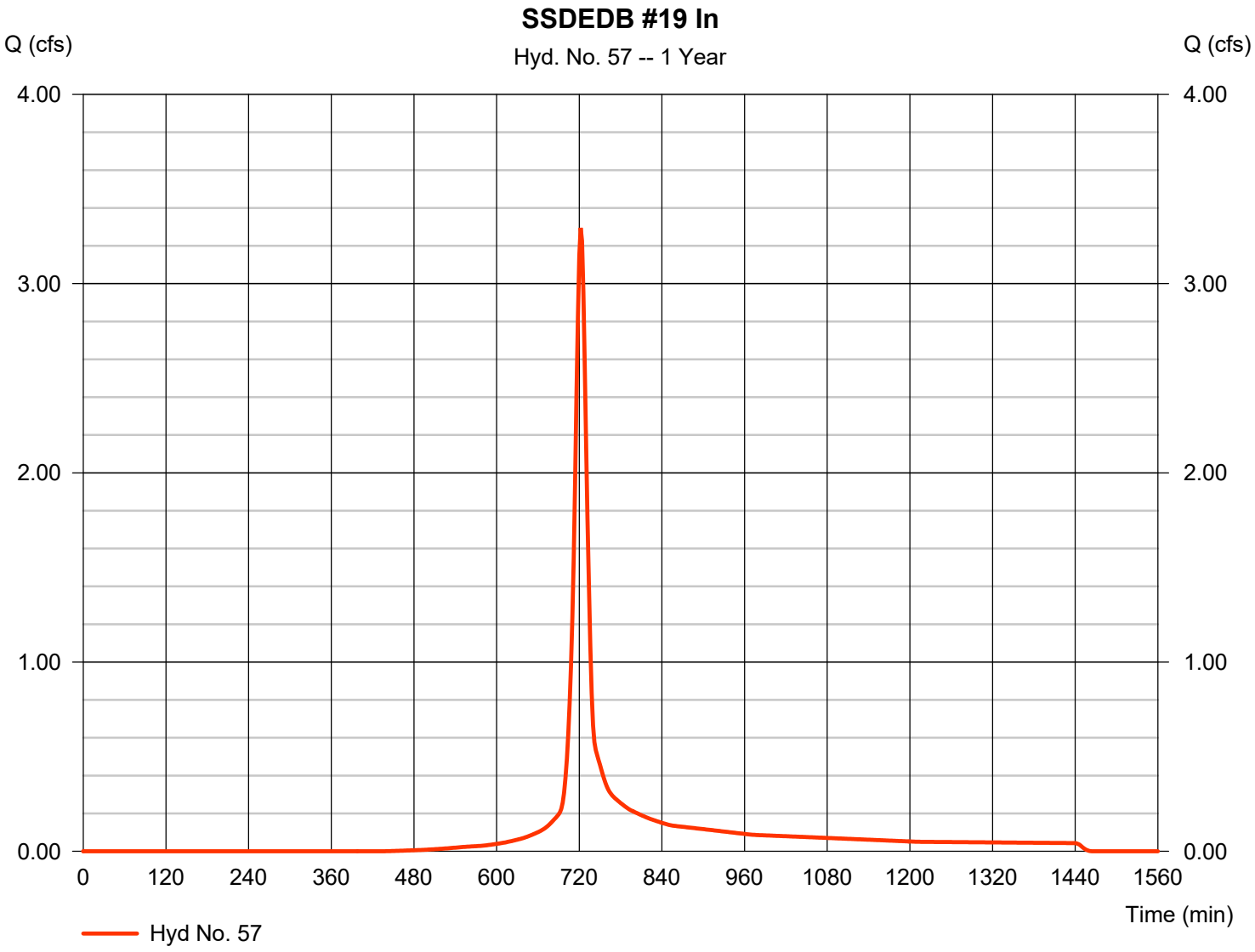
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.295 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 9,244 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

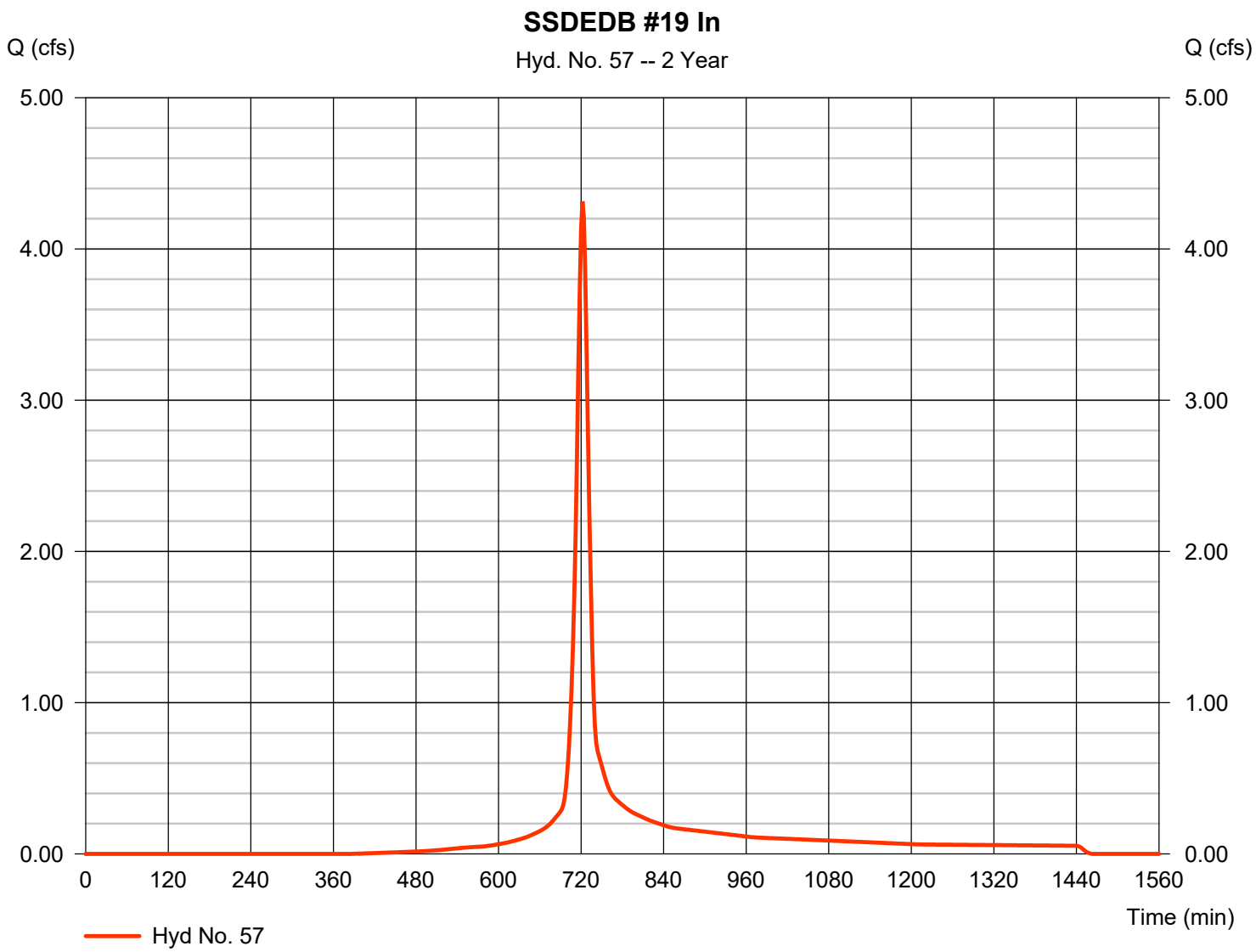
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.315 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 12,160 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

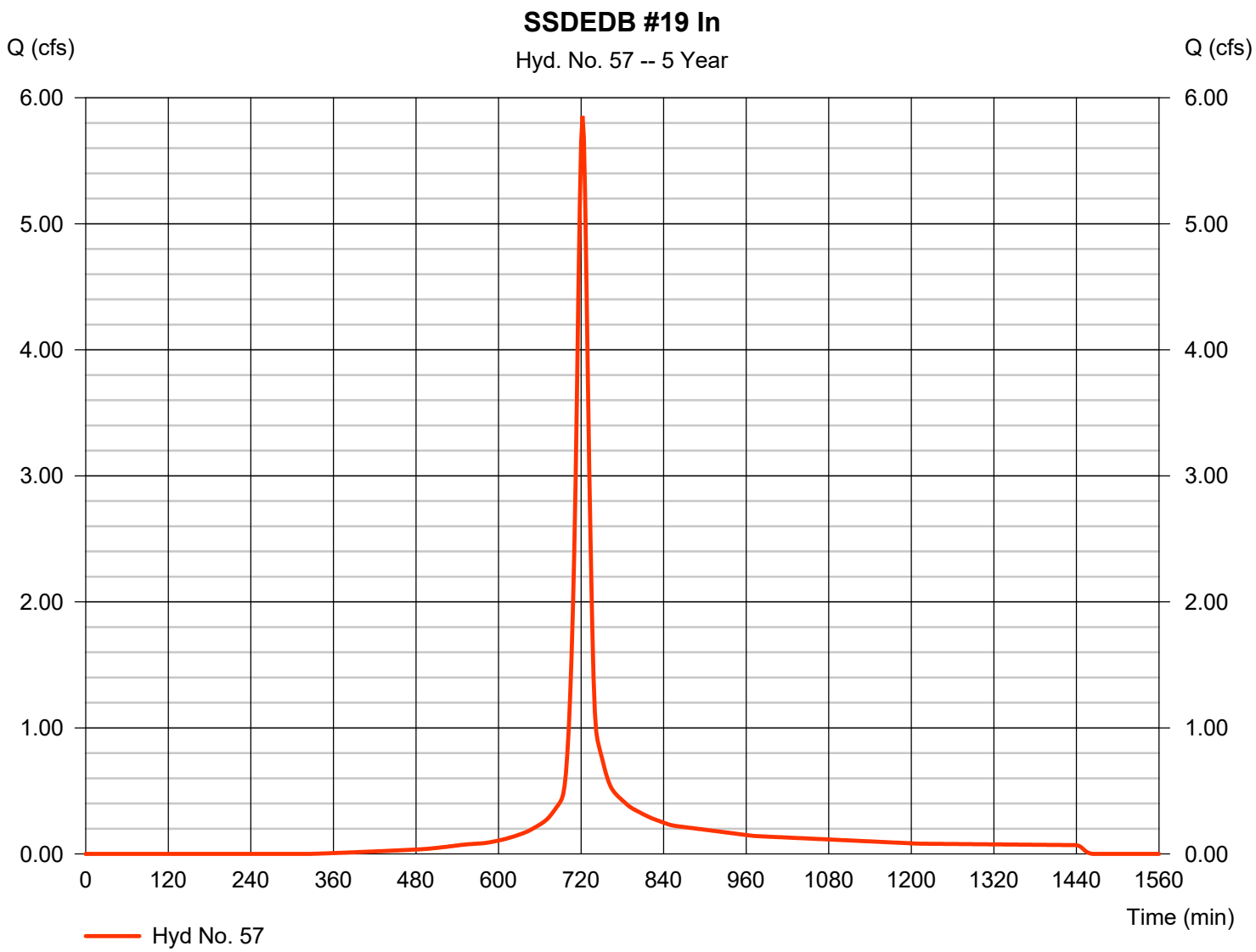
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.855 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 16,656 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

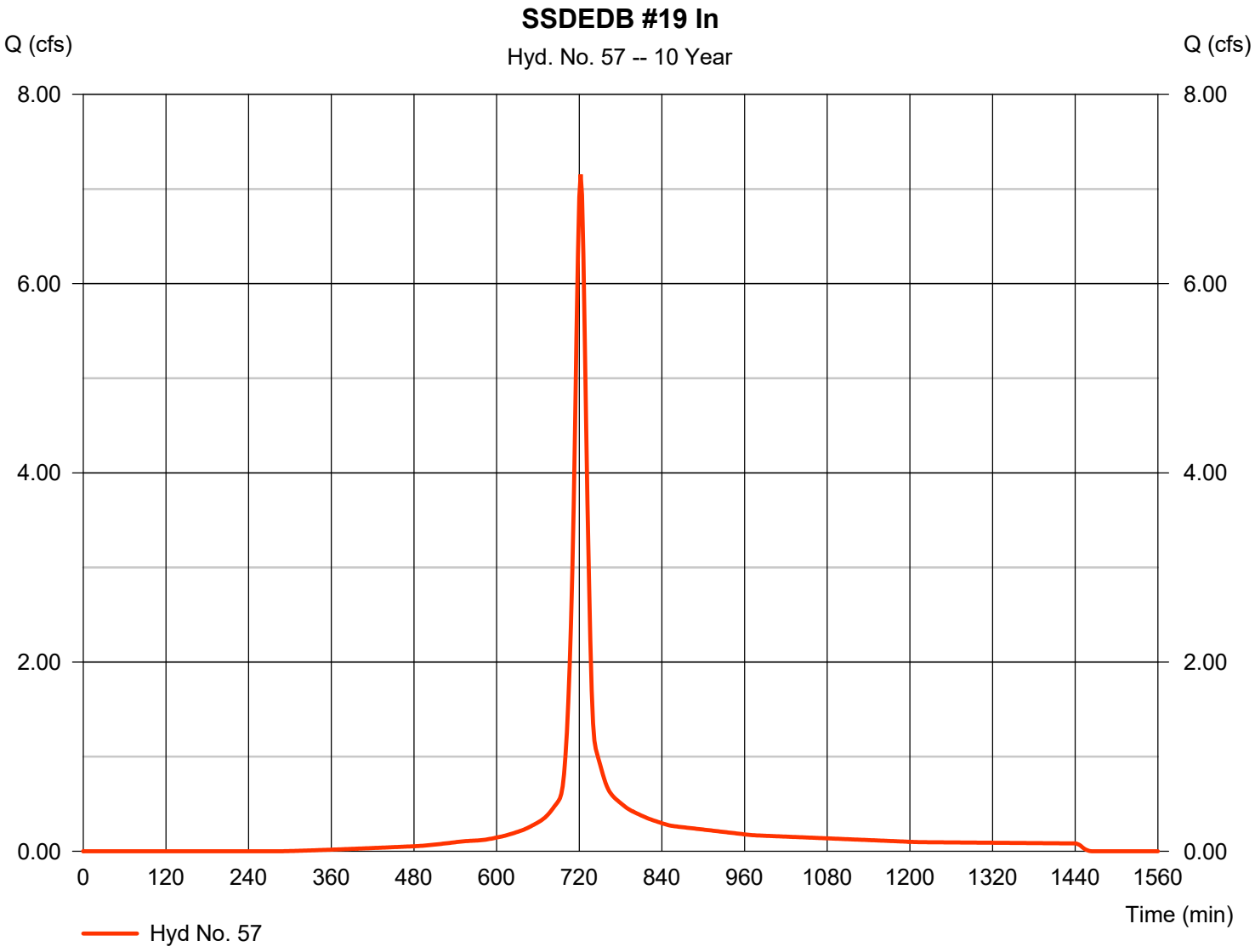
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 7.155 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 20,528 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

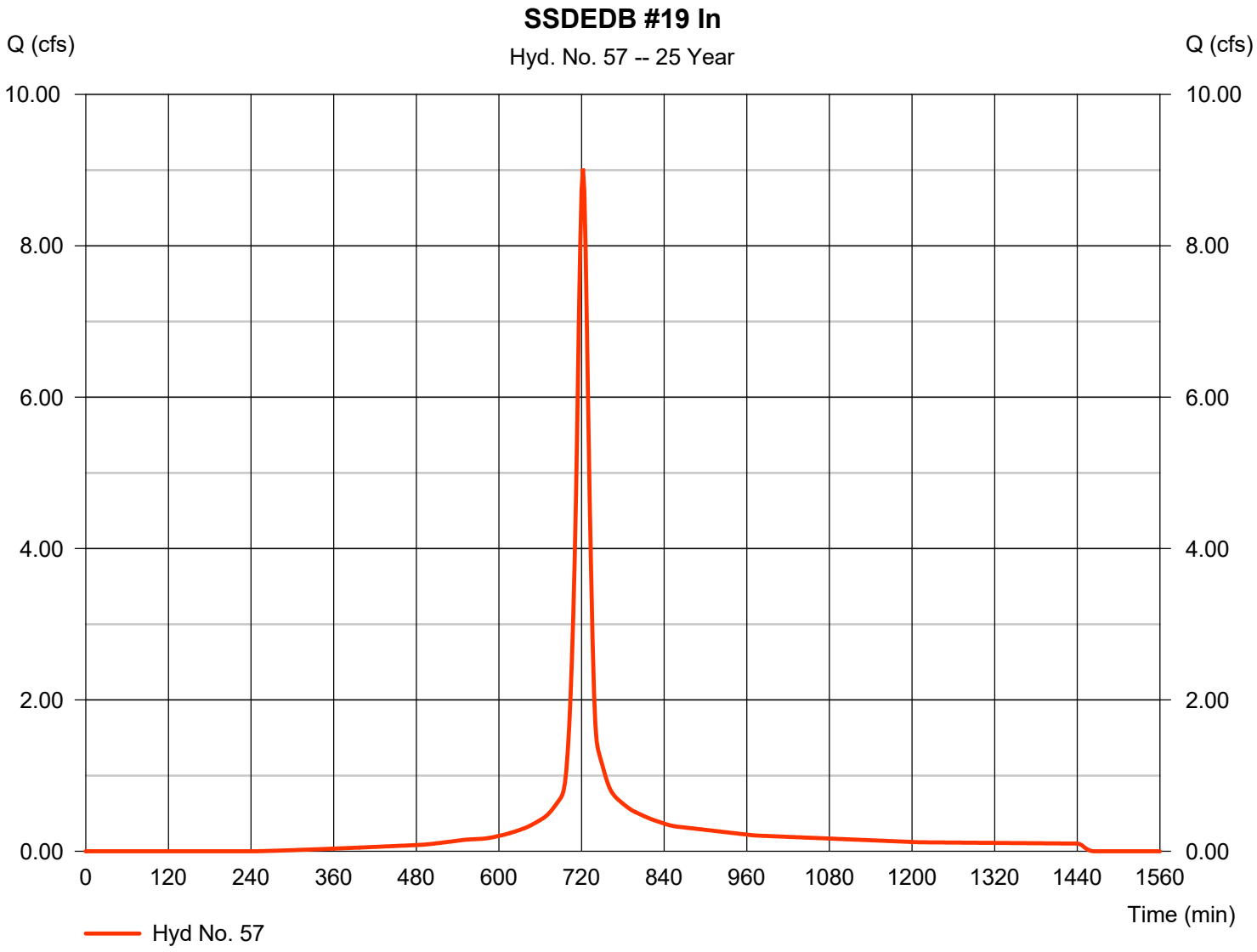
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 9.018 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 26,173 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

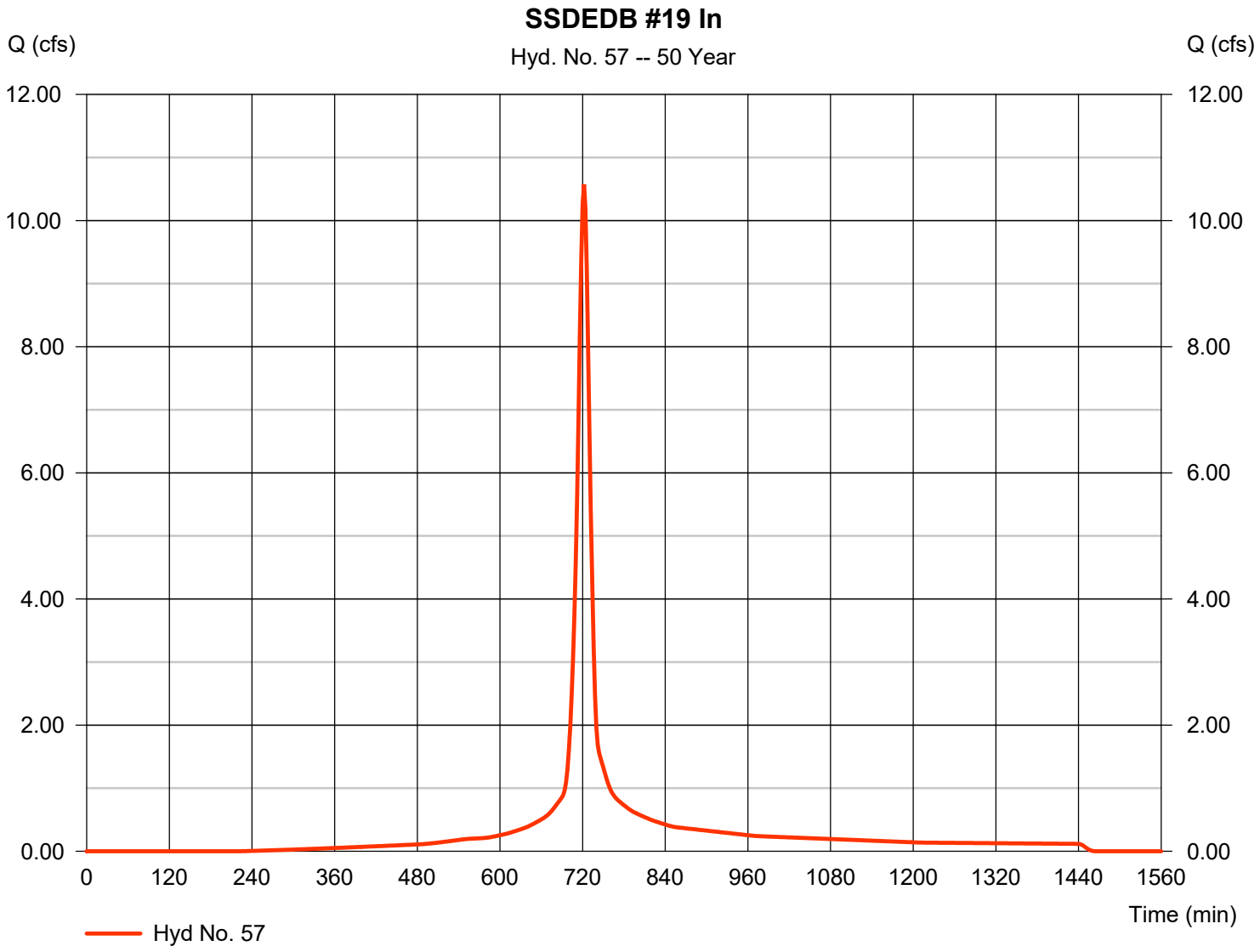
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 10.57 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 30,962 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



Hydrograph Report

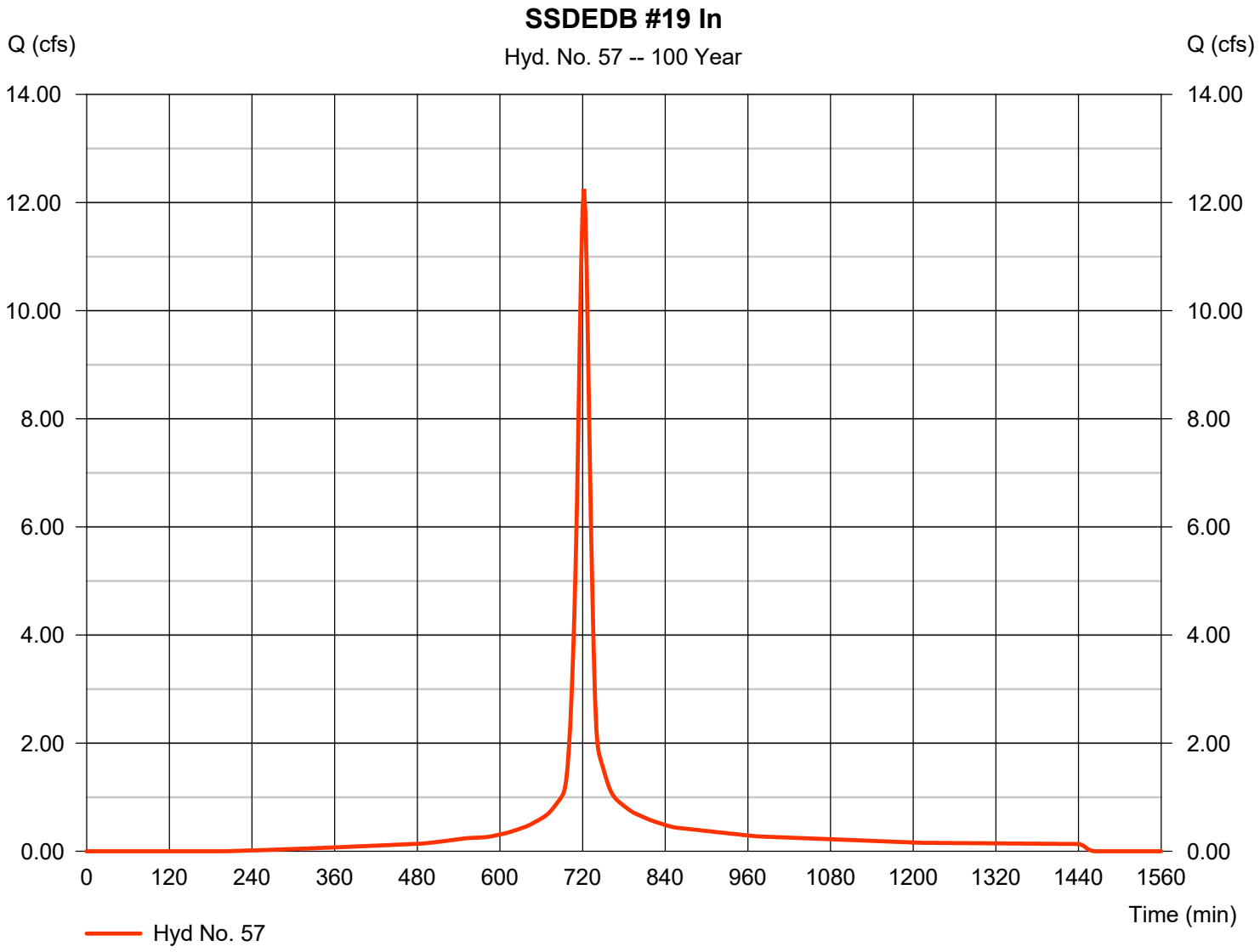
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 57

SSDEDB #19 In

Hydrograph type	= SCS Runoff	Peak discharge	= 12.25 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 36,192 cuft
Drainage area	= 1.690 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 15.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.460 x 61) + (1.230 x 98)] / 1.690



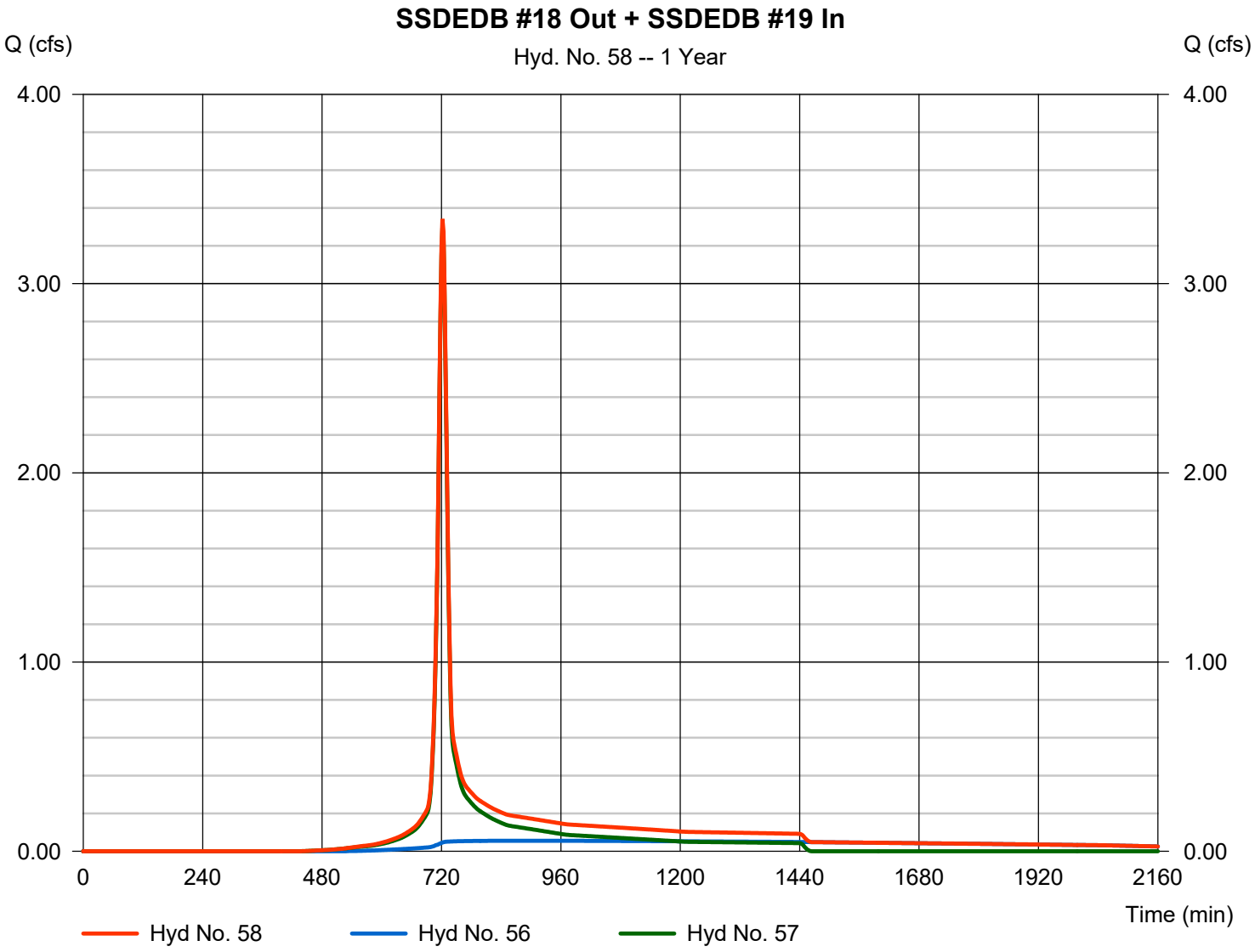
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 3.342 cfs
Storm frequency	= 1 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 13,713 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



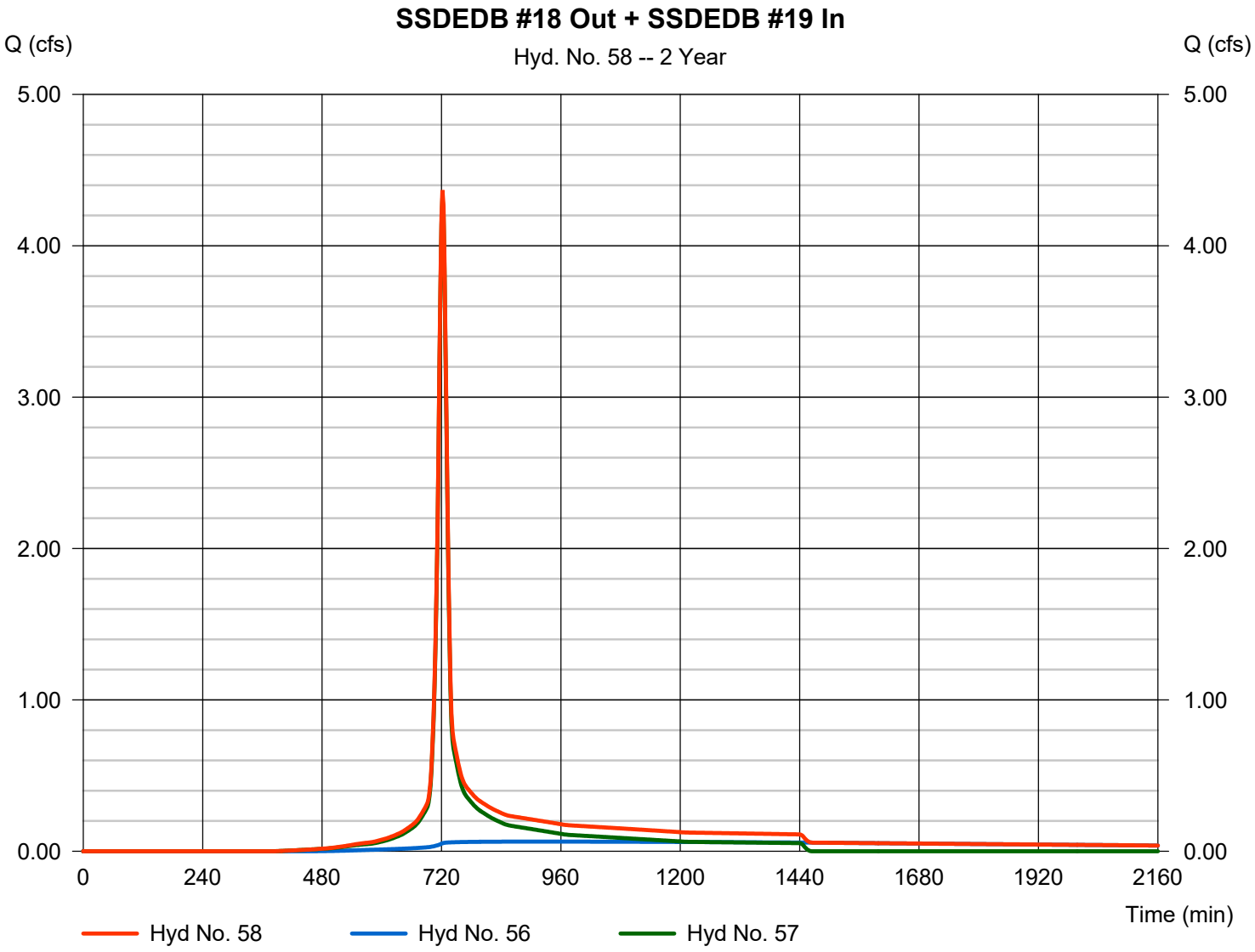
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 4.368 cfs
Storm frequency	= 2 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 18,045 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



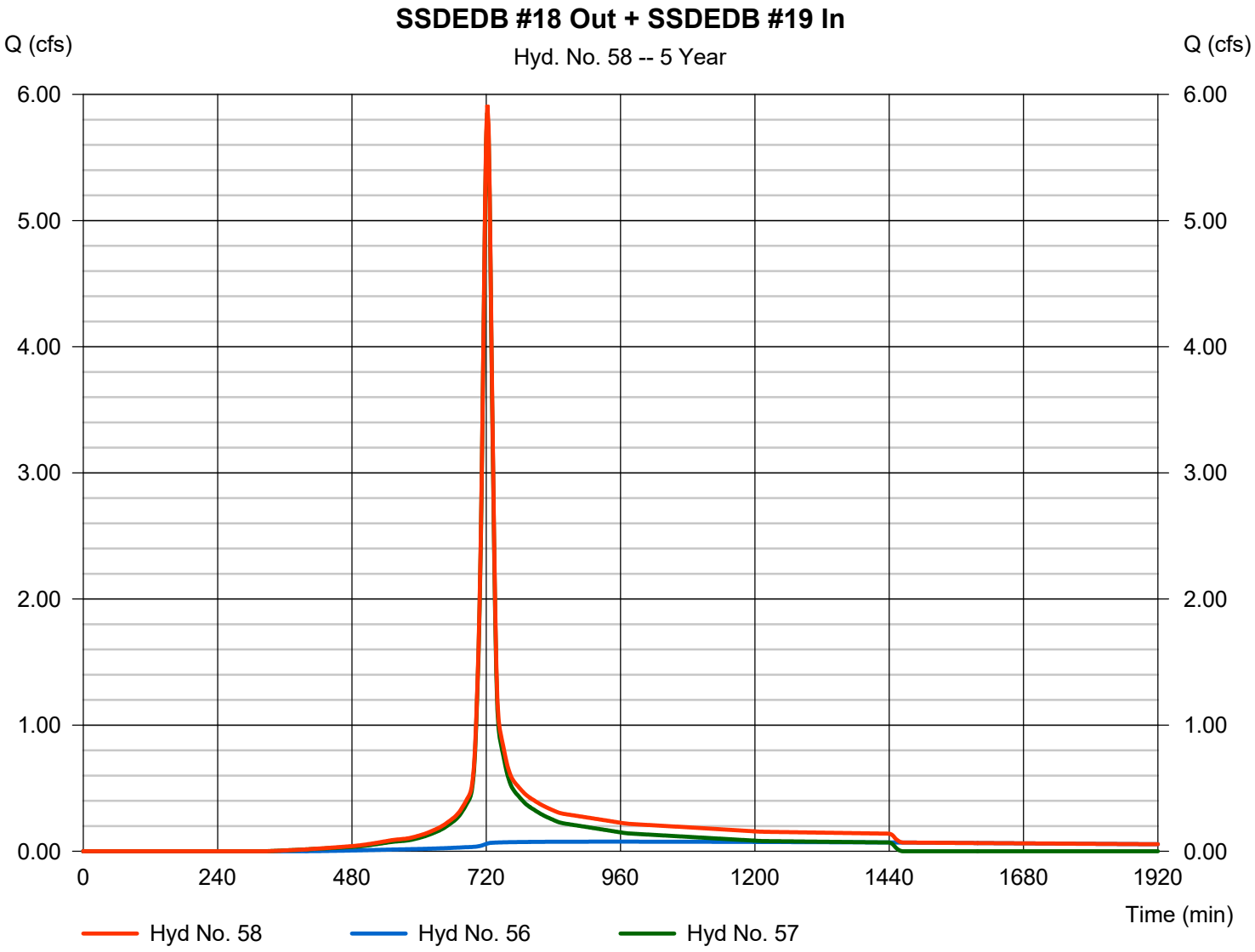
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 5.916 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 24,723 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



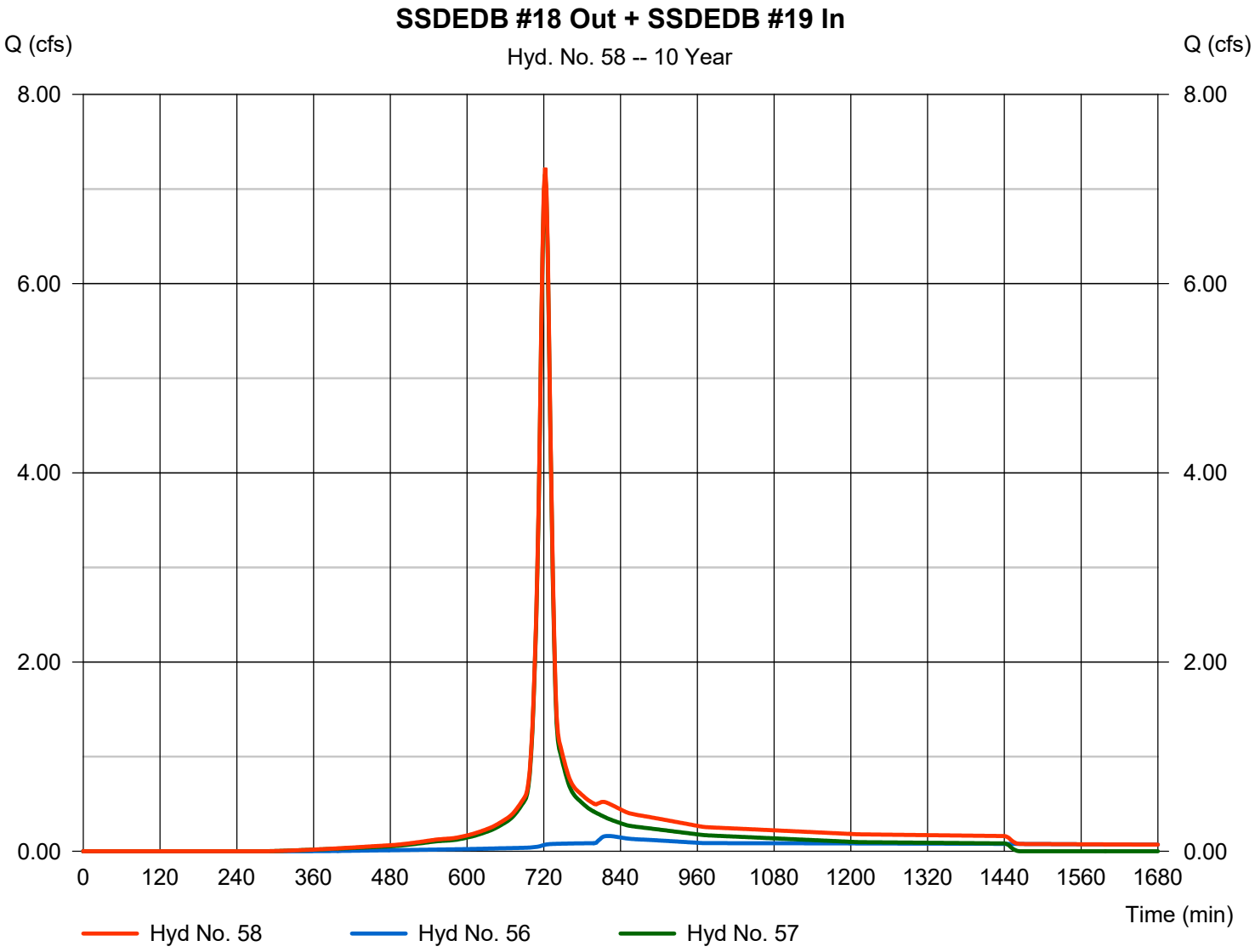
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 7.224 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 30,475 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



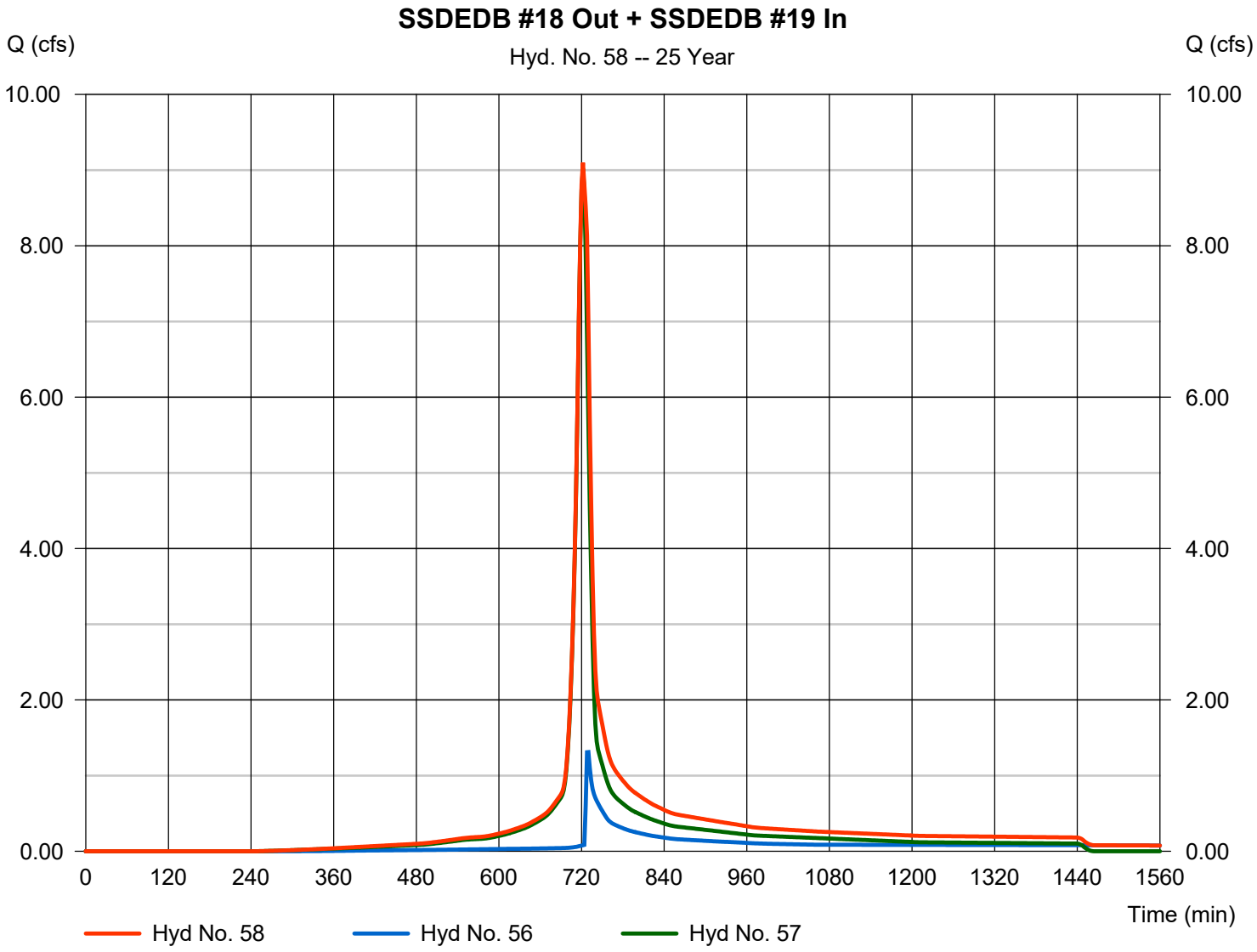
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 9.098 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 38,862 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



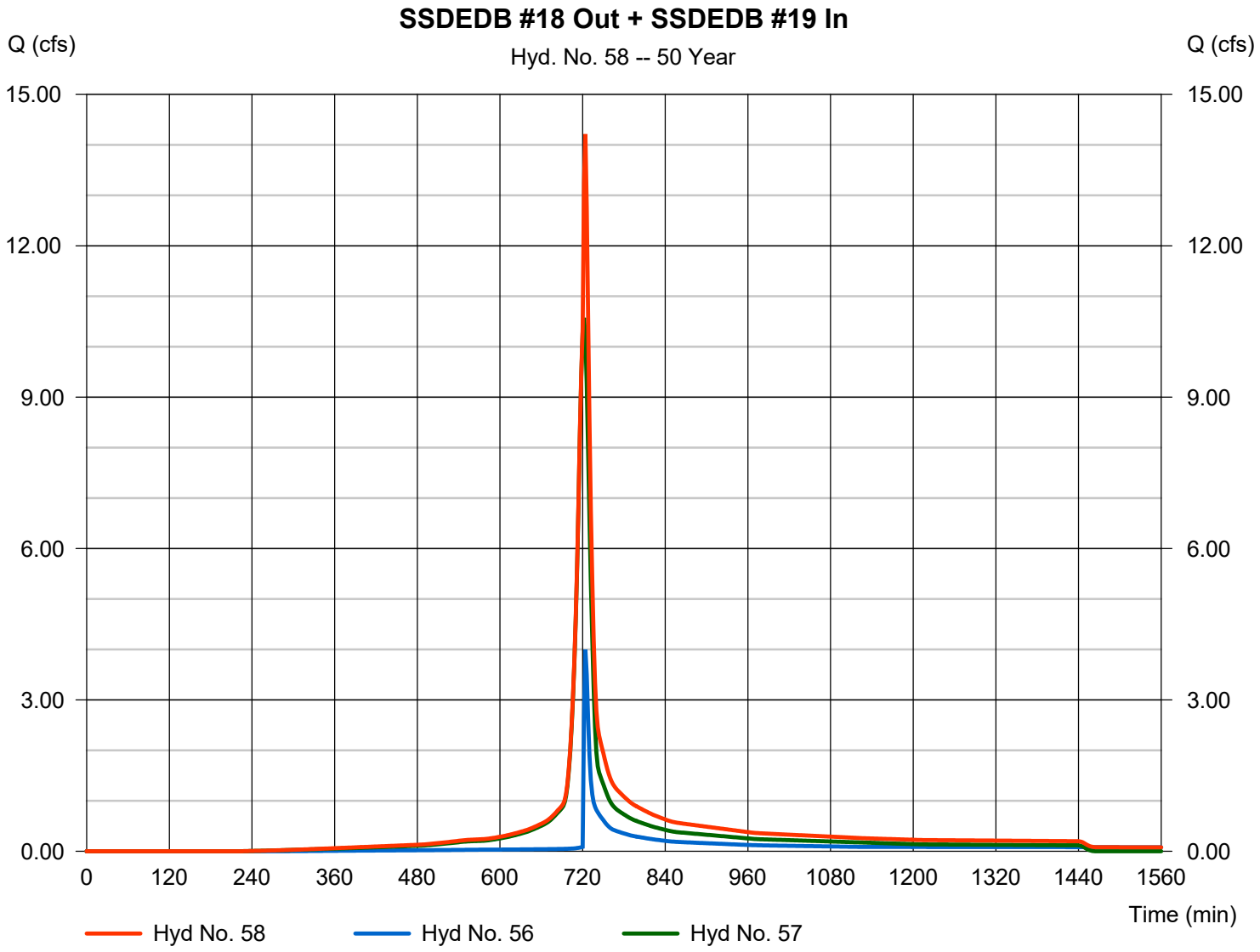
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 14.21 cfs
Storm frequency	= 50 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 45,975 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



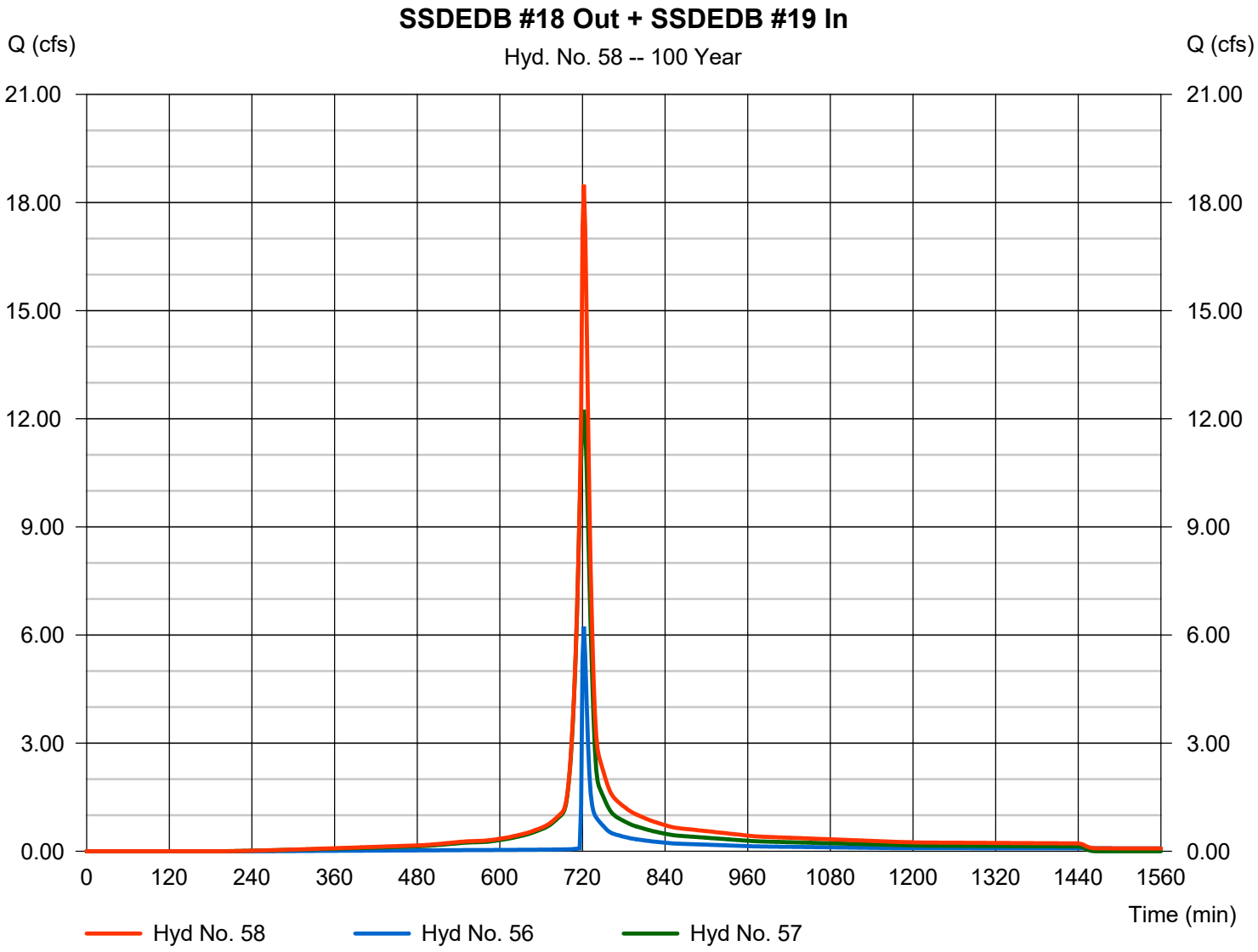
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 58

SSDEDB #18 Out + SSDEDB #19 In

Hydrograph type	= Combine	Peak discharge	= 18.49 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 53,745 cuft
Inflow hyds.	= 56, 57	Contrib. drain. area	= 1.690 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #19

		Volume for One Chamber			# of Chambers 87	Volume for One End Cap			# of End Caps 12	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	385.5000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	385.5833	1.71	0.00	1.71	148.77	0.56	0.00	0.56	6.72	155.49
2	385.6667	1.71	0.00	3.42	297.54	0.58	0.00	1.14	13.68	311.22
3	385.7500	1.72	0.00	5.14	447.18	0.57	0.00	1.71	20.52	467.70
4	385.8333	1.71	0.00	6.85	595.95	0.57	0.00	2.28	27.36	623.31
5	385.9167	1.71	0.00	8.56	744.72	0.57	0.00	2.85	34.20	778.92
6	386.0000	1.71	0.00	10.27	893.49	0.57	0.00	3.42	41.04	934.53
7	386.0833	1.71	0.00	11.98	1042.26	0.57	0.00	3.99	47.88	1090.14
8	386.1667	1.72	0.00	13.70	1191.90	0.56	0.00	4.55	54.60	1246.50
9	386.2500	1.71	0.00	15.41	1340.67	0.57	0.00	5.12	61.44	1402.11
10	386.3333	0.30	3.51	19.22	1672.14	0.32	0.63	6.07	72.84	1744.98
11	386.4167	0.33	3.47	23.02	2002.74	0.32	0.63	7.02	84.24	2086.98
12	386.5000	0.33	3.46	26.81	2332.47	0.32	0.62	7.96	95.52	2427.99
13	386.5833	0.33	3.44	30.58	2660.46	0.33	0.61	8.90	106.80	2767.26
14	386.6667	0.35	3.41	34.34	2987.58	0.32	0.61	9.83	117.96	3105.54
15	386.7500	0.35	3.40	38.09	3313.83	0.33	0.60	10.76	129.12	3442.95
16	386.8333	0.38	3.36	41.83	3639.21	0.33	0.60	11.69	140.28	3779.49
17	386.9167	0.36	3.35	45.54	3961.98	0.34	0.58	12.61	151.32	4113.30
18	387.0000	0.39	3.32	49.25	4284.75	0.33	0.58	13.52	162.24	4446.99
19	387.0833	0.39	3.29	52.93	4604.91	0.34	0.57	14.43	173.16	4778.07
20	387.1667	0.41	3.26	56.60	4924.20	0.35	0.56	15.34	184.08	5108.28
21	387.2500	0.42	3.23	60.25	5241.75	0.36	0.54	16.24	194.88	5436.63
22	387.3333	0.43	3.20	63.88	5557.56	0.35	0.54	17.13	205.56	5763.12
23	387.4167	0.46	3.16	67.50	5872.50	0.36	0.52	18.01	216.12	6088.62
24	387.5000	0.46	3.13	71.09	6184.83	0.36	0.51	18.88	226.56	6411.39
25	387.5833	0.46	3.10	74.65	6494.55	0.38	0.49	19.75	237.00	6731.55
26	387.6667	0.50	3.05	78.20	6803.40	0.38	0.48	20.61	247.32	7050.72
27	387.7500	0.51	3.01	81.72	7109.64	0.38	0.46	21.45	257.40	7367.04
28	387.8333	0.52	2.97	85.21	7413.27	0.39	0.45	22.29	267.48	7680.75
29	387.9167	0.54	2.93	88.68	7715.16	0.40	0.43	23.12	277.44	7992.60
30	388.0000	0.57	2.87	92.12	8014.44	0.40	0.41	23.93	287.16	8301.60
31	388.0833	0.57	2.83	95.52	8310.24	0.42	0.39	24.74	296.88	8607.12
32	388.1667	0.61	2.77	98.90	8604.30	0.42	0.37	25.53	306.36	8910.66
33	388.2500	0.62	2.72	102.24	8894.88	0.42	0.35	26.30	315.60	9210.48
34	388.3333	0.65	2.65	105.54	9181.98	0.45	0.33	27.08	324.96	9506.94
35	388.4167	0.67	2.60	108.81	9466.47	0.44	0.32	27.84	334.08	9800.55
36	388.5000	0.71	2.52	112.04	9747.48	0.45	0.29	28.58	342.96	10090.44
37	388.5833	0.73	2.46	115.23	10025.01	0.46	0.27	29.31	351.72	10376.73
38	388.6667	0.75	2.39	118.37	10298.19	0.46	0.26	30.03	360.36	10658.55
39	388.7500	0.80	2.30	121.47	10567.89	0.48	0.24	30.75	369.00	10936.89
40	388.8333	0.81	2.23	124.51	10832.37	0.49	0.21	31.45	377.40	11209.77
41	388.9167	0.87	2.13	127.51	11093.37	0.48	0.20	32.13	385.56	11478.93
42	389.0000	0.89	2.04	130.44	11348.28	0.50	0.18	32.81	393.72	11742.00
43	389.0833	0.94	1.94	133.32	11598.84	0.51	0.16	33.48	401.76	12000.60
44	389.1667	0.98	1.83	136.13	11843.31	0.51	0.14	34.13	409.56	12252.87
45	389.2500	1.02	1.71	138.86	12080.82	0.52	0.12	34.77	417.24	12498.06
46	389.3333	1.09	1.57	141.52	12312.24	0.53	0.10	35.40	424.80	12737.04
47	389.4167	1.15	1.42	144.09	12535.83	0.53	0.09	36.02	432.24	12968.07
48	389.5000	1.21	1.25	146.55	12749.85	0.55	0.07	36.64	439.68	13189.53
49	389.5833	1.30	1.03	148.88	12952.56	0.55	0.05	37.24	446.88	13399.44
50	389.6667	1.43	0.69	151.00	13137.00	0.55	0.04	37.83	453.96	13590.96
51	389.7500	1.55	0.40	152.95	13306.65	0.56	0.02	38.41	460.92	13767.57
52	389.8333	1.60	0.29	154.84	13471.08	0.57	0.01	38.99	467.88	13938.96
53	389.9167	1.63	0.20	156.67	13630.29	0.56	0.01	39.56	474.72	14105.01
54	390.0000	1.69	0.06	158.42	13782.54	0.57	0.00	40.13	481.56	14264.10
55	390.0833	1.71	0.00	160.13	13931.31	0.57	0.00	40.70	488.40	14419.71
56	390.1667	1.71	0.00	161.84	14080.08	0.57	0.00	41.27	495.24	14575.32
57	390.2500	1.71	0.00	163.55	14228.85	0.57	0.00	41.84	502.08	14730.93
58	390.3333	1.72	0.00	165.27	14378.49	0.57	0.00	42.41	508.92	14887.41
59	390.4167	1.71	0.00	166.98	14527.26	0.57	0.00	42.98	515.76	15043.02
60	390.5000	1.71	0.00	168.69	14676.03	0.56	0.00	43.54	522.48	15198.51
61	390.5833	1.71	0.00	170.40	14824.80	0.57	0.00	44.11	529.32	15354.12
62	390.6667	1.71	0.00	172.11	14973.57	0.57	0.00	44.68	536.16	15509.73
63	390.7500	1.72	0.00	173.83	15123.21	0.57	0.00	45.25	543.00	15666.21
64	390.8333	1.71	0.00	175.54	15271.98	0.57	0.00	45.82	549.84	15821.82
65	390.9167	1.71	0.00	177.25	15420.75	0.57	0.00	46.39	556.68	15977.43
66	391.0000	1.71	0.00	178.96	15569.52	0.57	0.00	46.96	563.52	16133.04

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 19 - SSDEDB #19

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	385.50	n/a	0	0
0.33	385.83	n/a	623	623
0.67	386.17	n/a	623	1,247
1.00	386.50	n/a	1,181	2,428
1.33	386.83	n/a	1,352	3,779
1.67	387.17	n/a	1,329	5,108
2.00	387.50	n/a	1,303	6,411
2.33	387.83	n/a	1,269	7,681
2.67	388.17	n/a	1,230	8,911
3.00	388.50	n/a	1,180	10,090
3.33	388.83	n/a	1,119	11,210
3.67	389.17	n/a	1,043	12,253
4.00	389.50	n/a	937	13,190
4.33	389.83	n/a	749	13,939
4.67	390.17	n/a	636	14,575
5.00	390.50	n/a	623	15,199
5.33	390.83	n/a	623	15,822
5.50	391.00	n/a	311	16,133

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 18.00	2.00	0.00	0.00
Span (in)	= 18.00	2.00	0.00	0.00
No. Barrels	= 1	1	0	0
Invert El. (ft)	= 385.50	385.50	0.00	0.00
Length (ft)	= 43.00	0.00	0.00	0.00
Slope (%)	= 0.84	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	0.00	0.00	0.00
Crest El. (ft)	= 389.30	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	---	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	385.50	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	623	385.83	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	1,247	386.17	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.078
1.00	2,428	386.50	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	3,779	386.83	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.115
1.67	5,108	387.17	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	6,411	387.50	0.14 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.143
2.33	7,681	387.83	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.155
2.67	8,911	388.17	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	10,090	388.50	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	11,210	388.83	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	12,253	389.17	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	13,190	389.50	0.80 ic	0.20 ic	---	---	0.59	---	---	---	---	---	0.794
4.33	13,939	389.83	2.80 ic	0.20 ic	---	---	2.59	---	---	---	---	---	2.789
4.67	14,575	390.17	5.57 oc	0.19 ic	---	---	5.37	---	---	---	---	---	5.562
5.00	15,199	390.50	8.93 oc	0.18 ic	---	---	8.75	---	---	---	---	---	8.932
5.33	15,822	390.83	12.80 ic	0.16 ic	---	---	12.64	---	---	---	---	---	12.80
5.50	16,133	391.00	14.89 ic	0.14 ic	---	---	14.76 s	---	---	---	---	---	14.89

Hydrograph Report

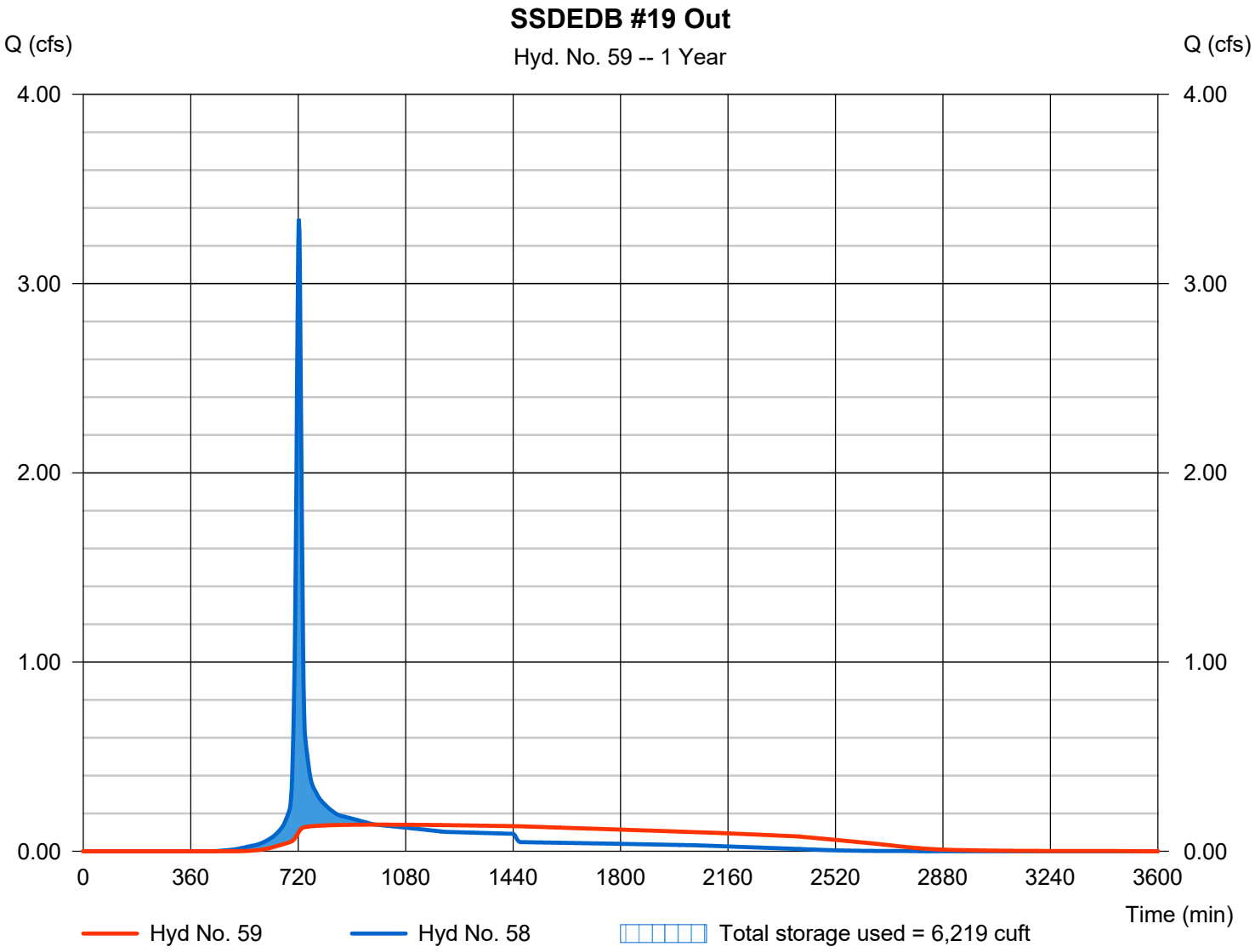
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.141 cfs
Storm frequency	= 1 yrs	Time to peak	= 980 min
Time interval	= 2 min	Hyd. volume	= 13,681 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	= 387.45 ft
Reservoir name	= SSDEDB #19	Max. Storage	= 6,219 cuft

Storage Indication method used.



Hydrograph Report

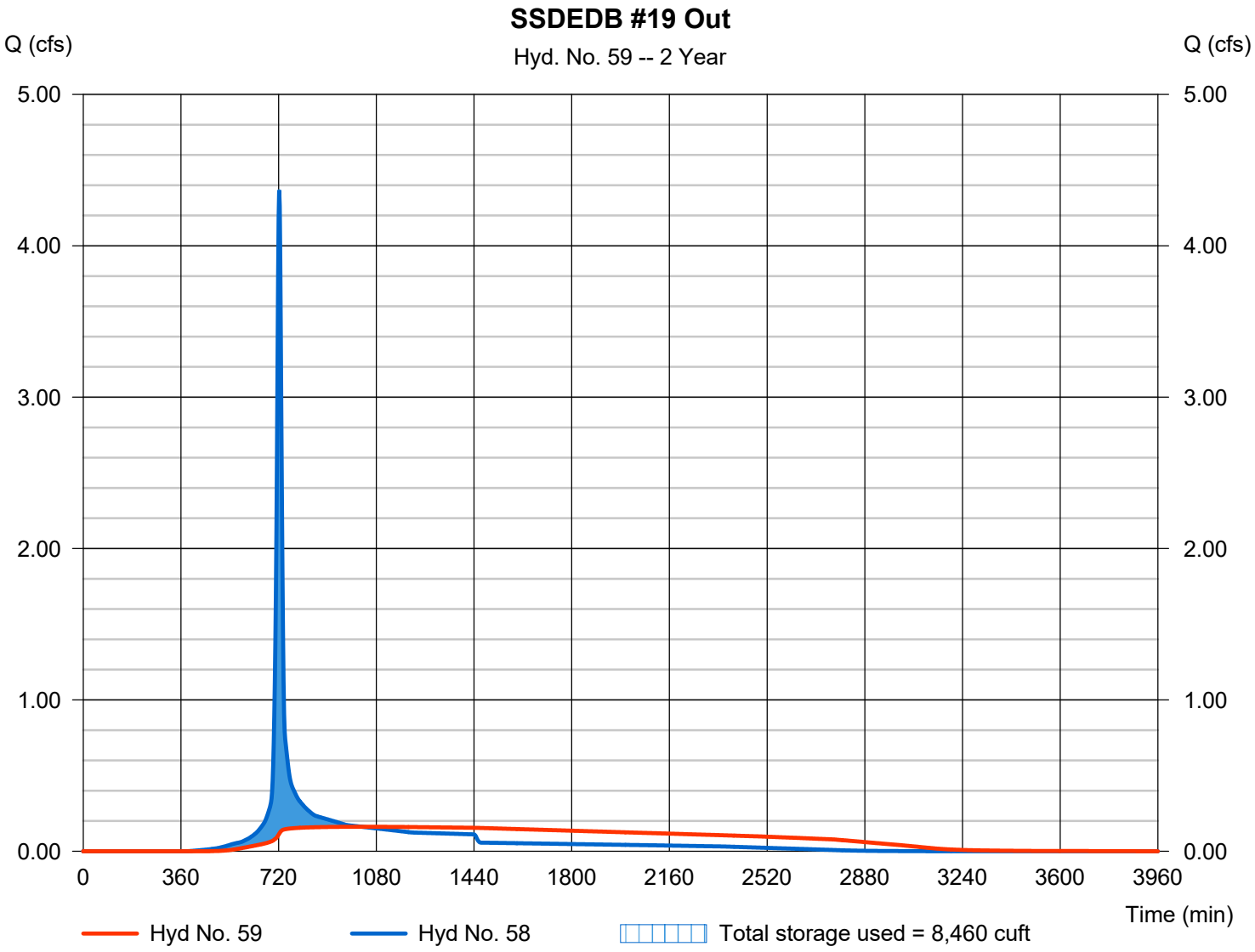
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.162 cfs
Storm frequency	= 2 yrs	Time to peak	= 1026 min
Time interval	= 2 min	Hyd. volume	= 18,012 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	= 388.04 ft
Reservoir name	= SSDEDB #19	Max. Storage	= 8,460 cuft

Storage Indication method used.



Hydrograph Report

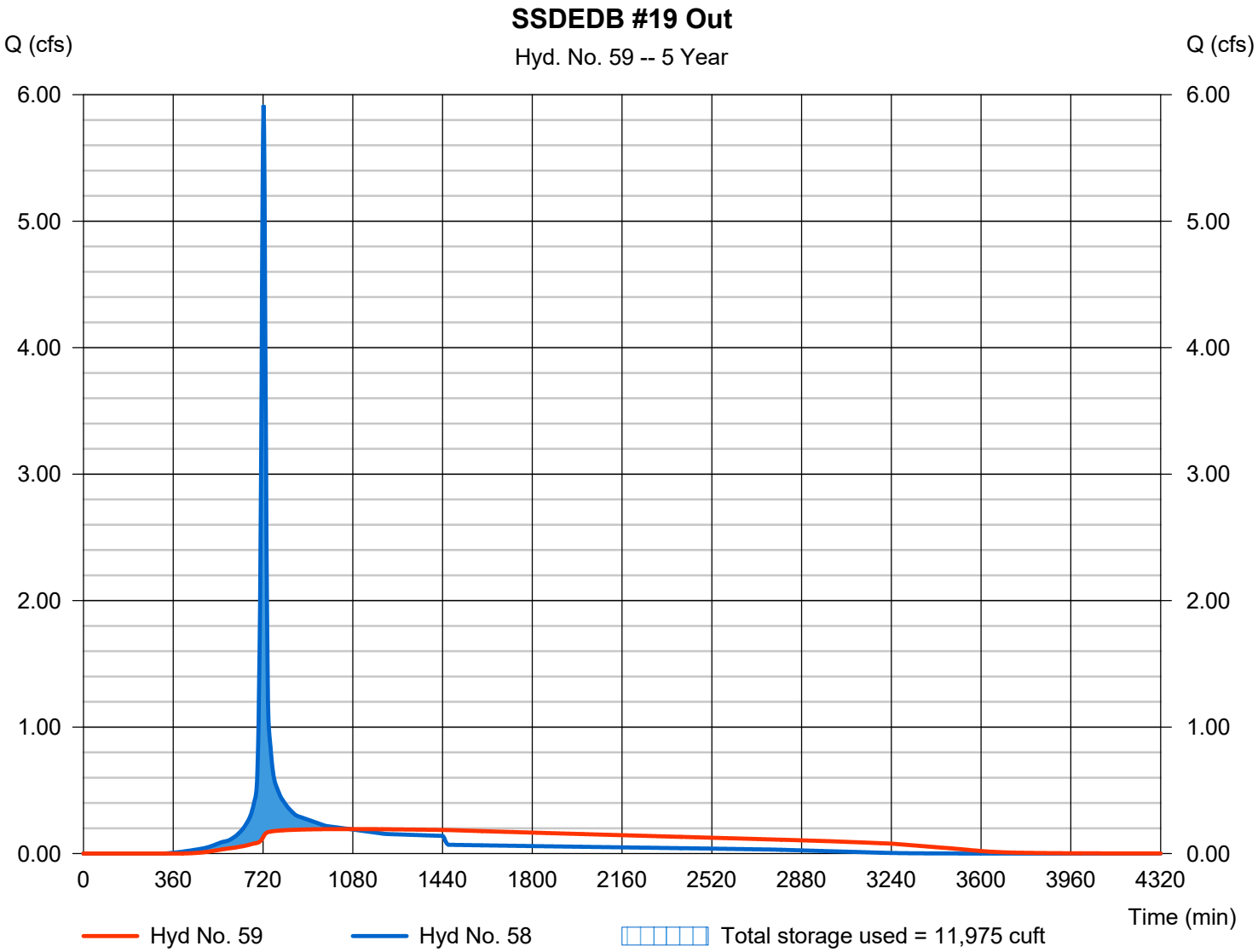
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.193 cfs
Storm frequency	= 5 yrs	Time to peak	= 1066 min
Time interval	= 2 min	Hyd. volume	= 24,691 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	= 389.08 ft
Reservoir name	= SSDEDB #19	Max. Storage	= 11,975 cuft

Storage Indication method used.



Hydrograph Report

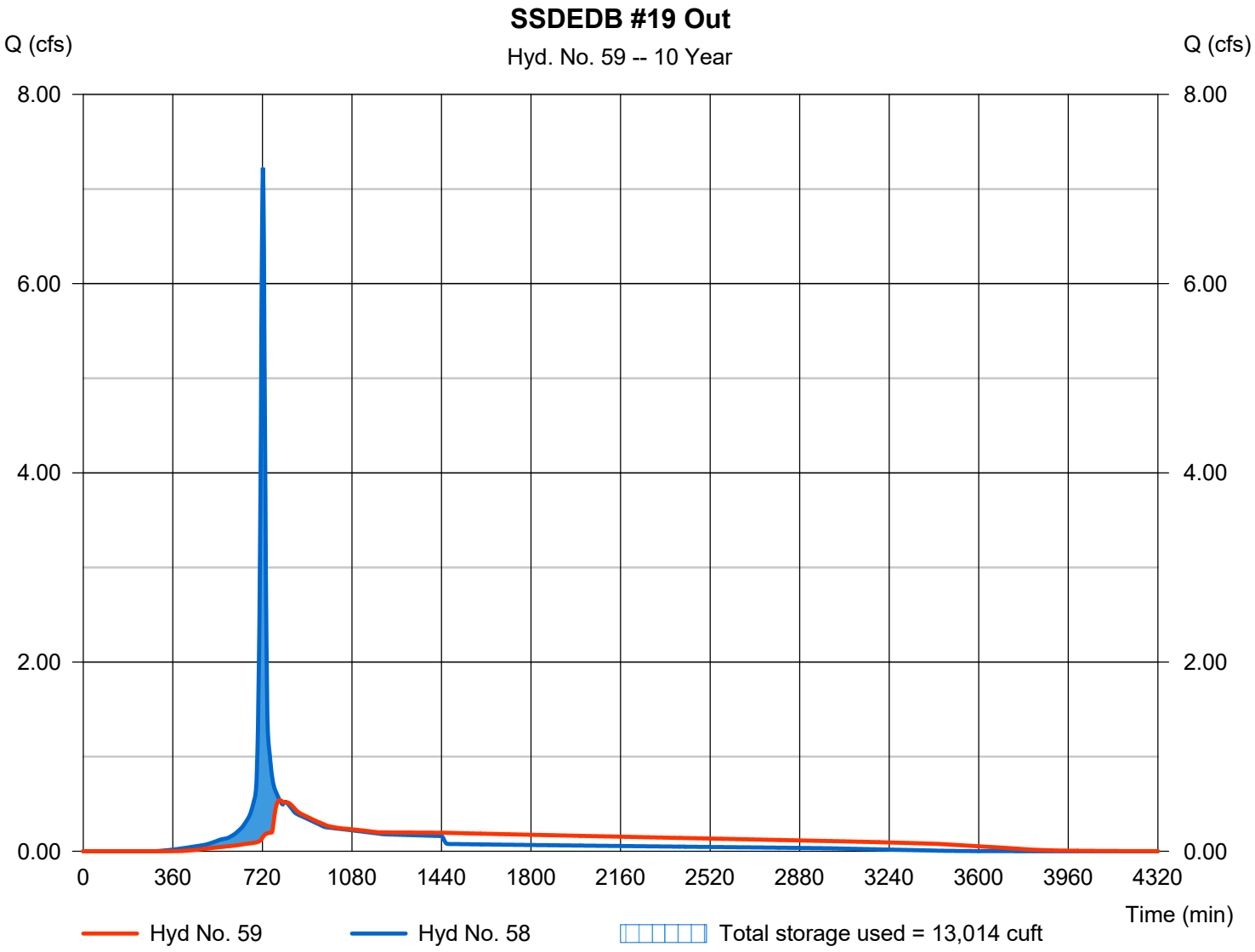
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.539 cfs
Storm frequency	= 10 yrs	Time to peak	= 790 min
Time interval	= 2 min	Hyd. volume	= 30,443 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	= 389.44 ft
Reservoir name	= SSDEDB #19	Max. Storage	= 13,014 cuft

Storage Indication method used.



Hydrograph Report

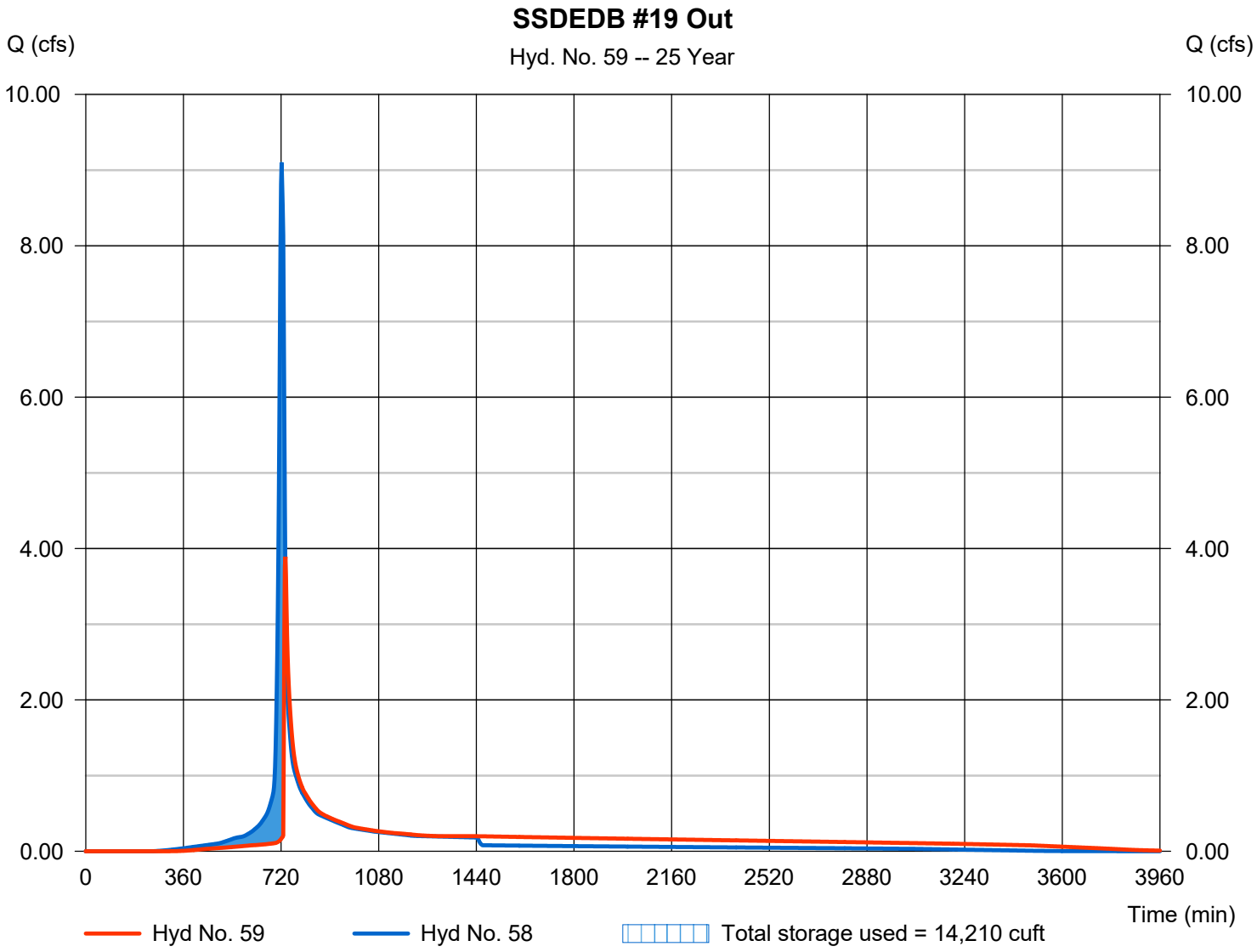
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 3.892 cfs
Storm frequency	= 25 yrs	Time to peak	= 736 min
Time interval	= 2 min	Hyd. volume	= 38,830 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	= 389.98 ft
Reservoir name	= SSDEDB #19	Max. Storage	= 14,210 cuft

Storage Indication method used.



Hydrograph Report

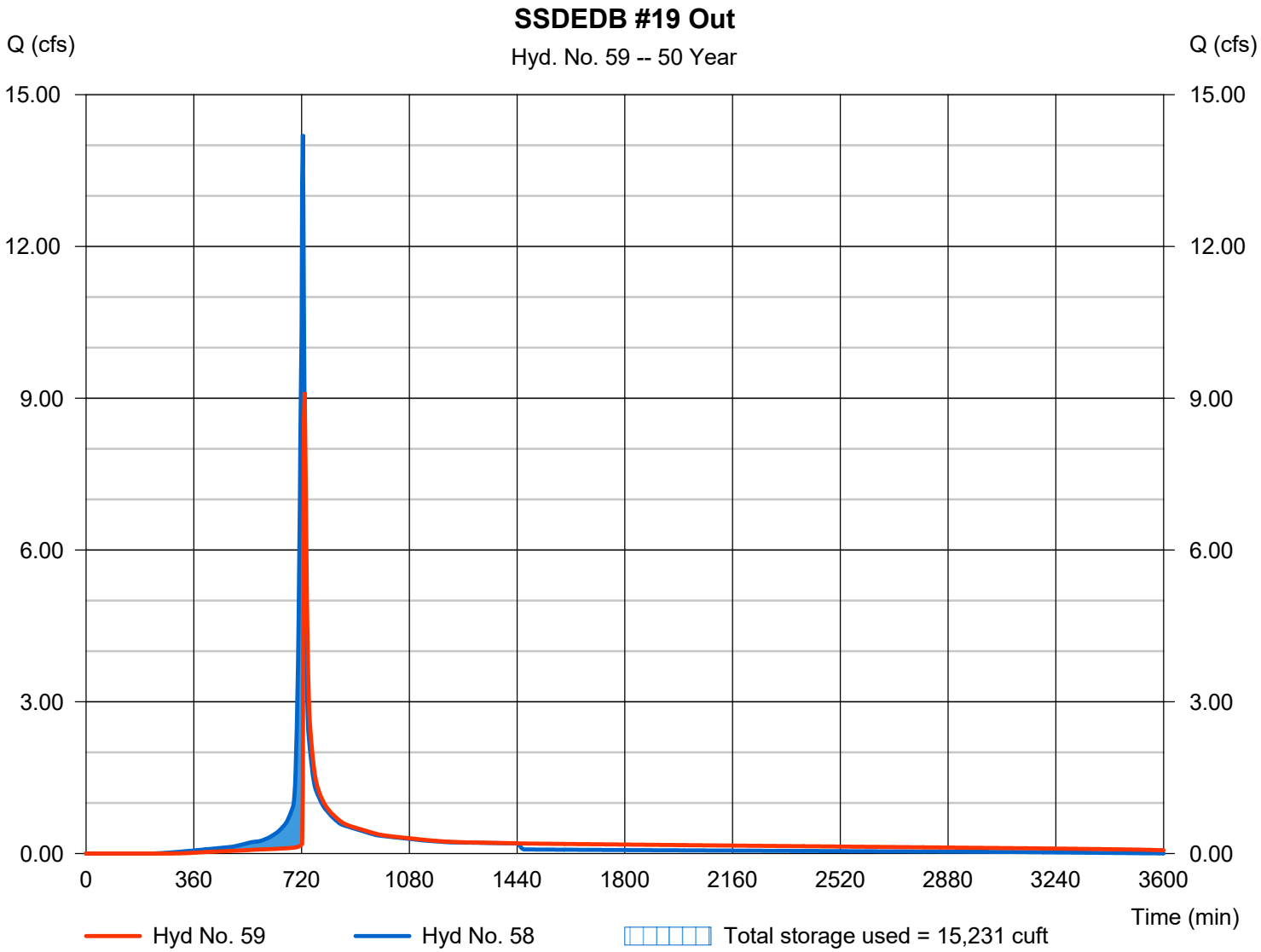
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	=	Reservoir	Peak discharge	=	9.120 cfs
Storm frequency	=	50 yrs	Time to peak	=	730 min
Time interval	=	2 min	Hyd. volume	=	45,942 cuft
Inflow hyd. No.	=	58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	=	390.54 ft
Reservoir name	=	SSDEDB #19	Max. Storage	=	15,231 cuft

Storage Indication method used.



Hydrograph Report

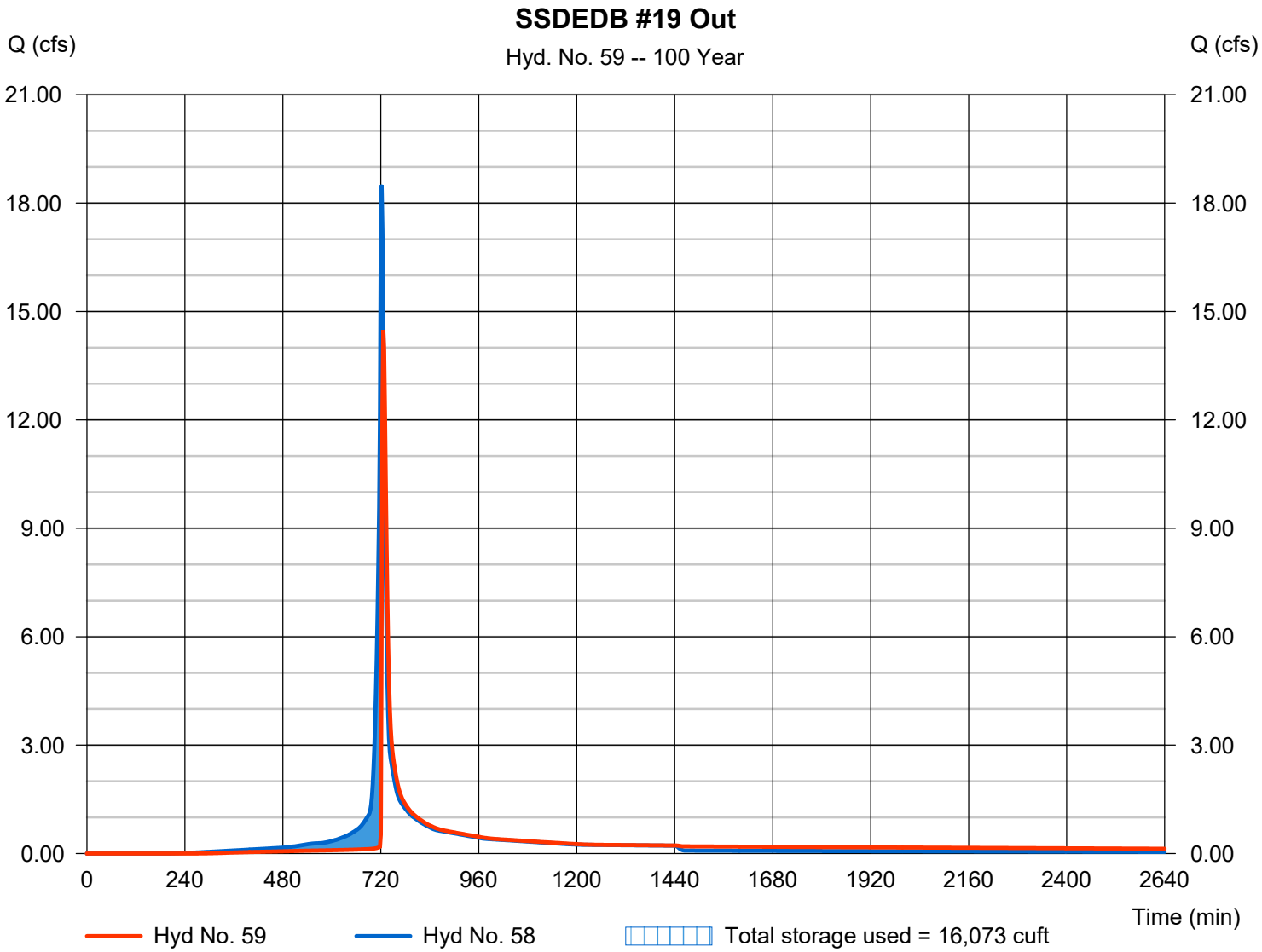
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	=	Reservoir	Peak discharge	=	14.48 cfs
Storm frequency	=	100 yrs	Time to peak	=	726 min
Time interval	=	2 min	Hyd. volume	=	53,712 cuft
Inflow hyd. No.	=	58 - SSDEDB #18 Out + SSDEDB #19 In	Max. Elevation	=	390.98 ft
Reservoir name	=	SSDEDB #19	Max. Storage	=	16,073 cuft

Storage Indication method used.



SECTION 2.4

CN CALCULATION

PRE DEV POI #4

GROUND COVER	AREA (ACRES)	CN
WOODS	1.42	55
MEADOWS	2.56	58
IMPERVIOUS	3.48	98

TOTAL 7.46

Time of Concentration
Pre P.O.I. #4

Pre POI #4	Length(feet)	2-yr 24-hour rain(in.)	Slope(%)	n	Time(min.)
Sheet flow:	100	3.24	25.0	0.40	7.7
				Paved/Unpaved	
Shallow Concentrated Flow:	408		12.7	Unpaved	1.2
	33		36.4	Unpaved	0.1
	149		4.0	Paved	0.6
	77		26.0	Unpaved	0.2
	360		1.0	Paved	3.0
	52		23.1	Unpaved	0.1
	148		3.6	Paved	0.6
				Pre P.O.I. #4 Total Time of Concentration:	**13.4**

Hydrograph Report

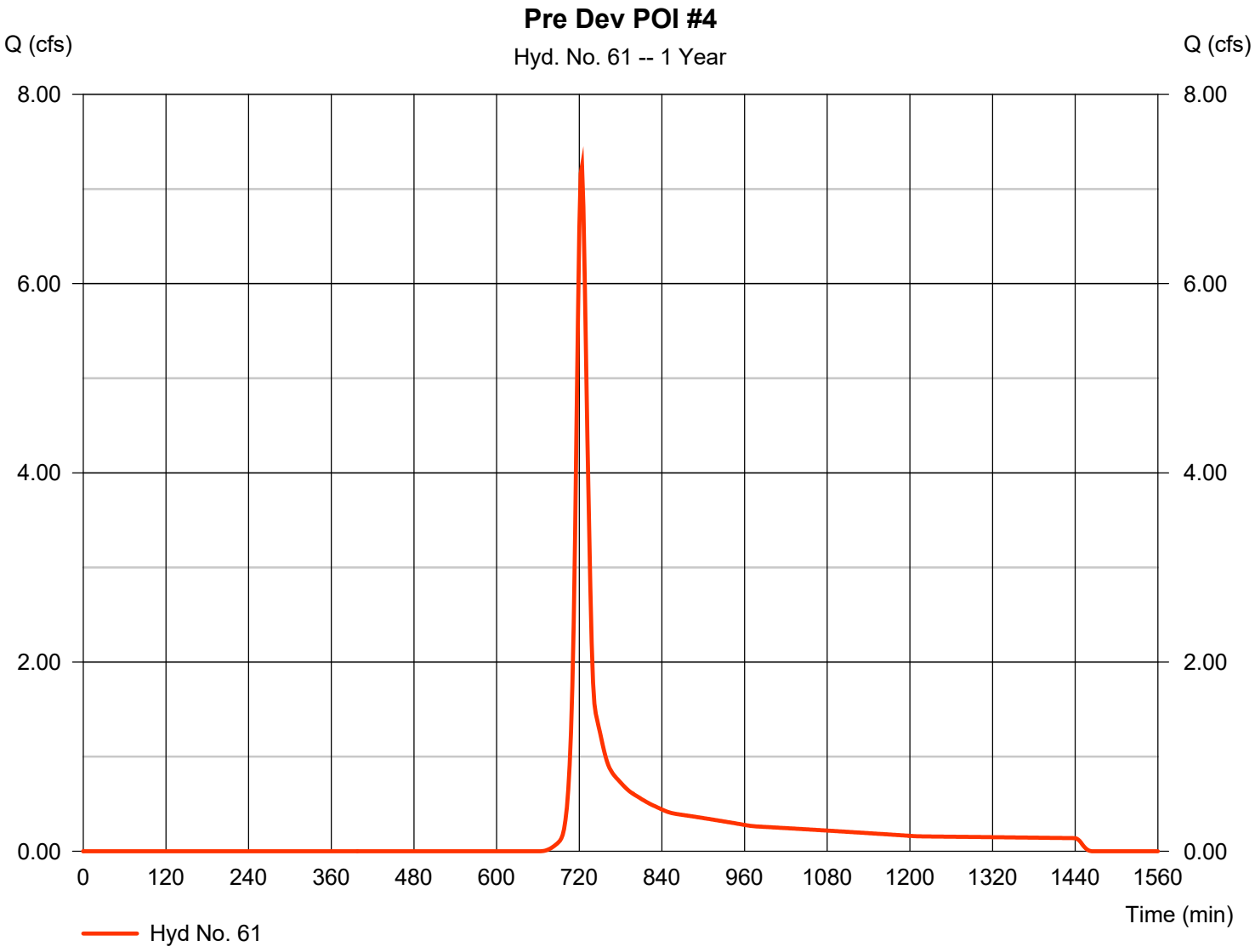
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 7.245 cfs
Storm frequency	= 1 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 21,446 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

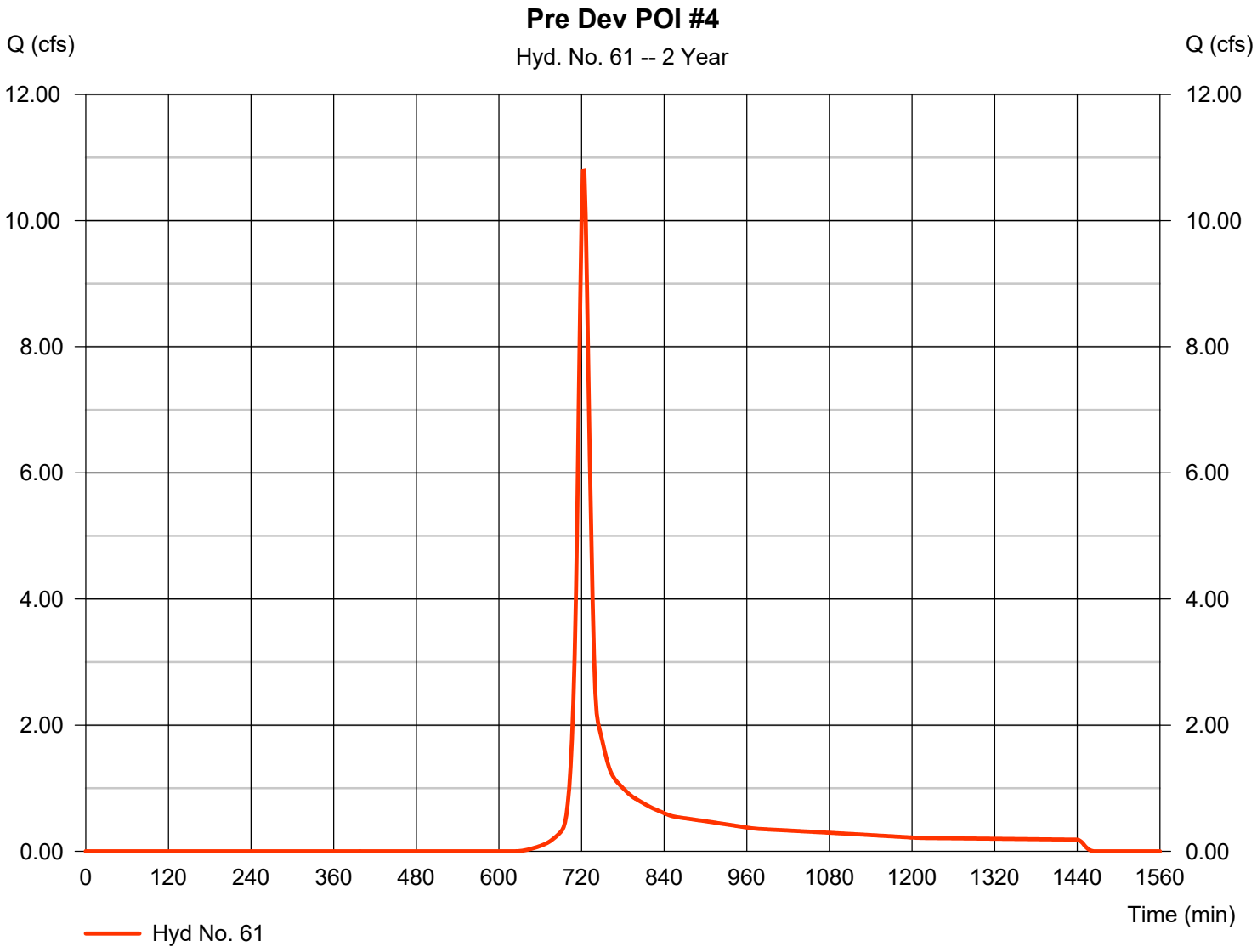
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 10.79 cfs
Storm frequency	= 2 yrs	Time to peak	= 724 min
Time interval	= 2 min	Hyd. volume	= 31,153 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

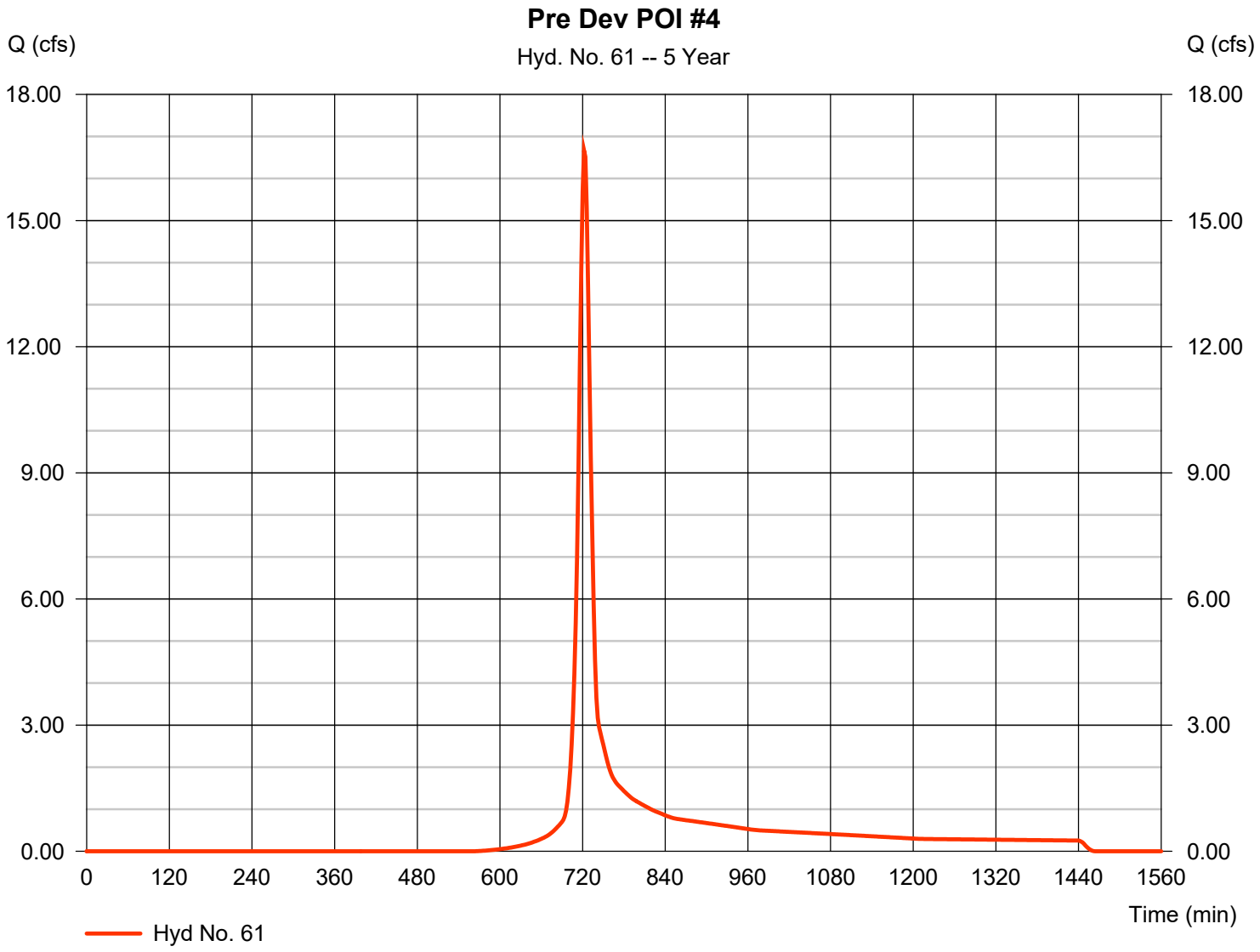
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 16.67 cfs
Storm frequency	= 5 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 47,119 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

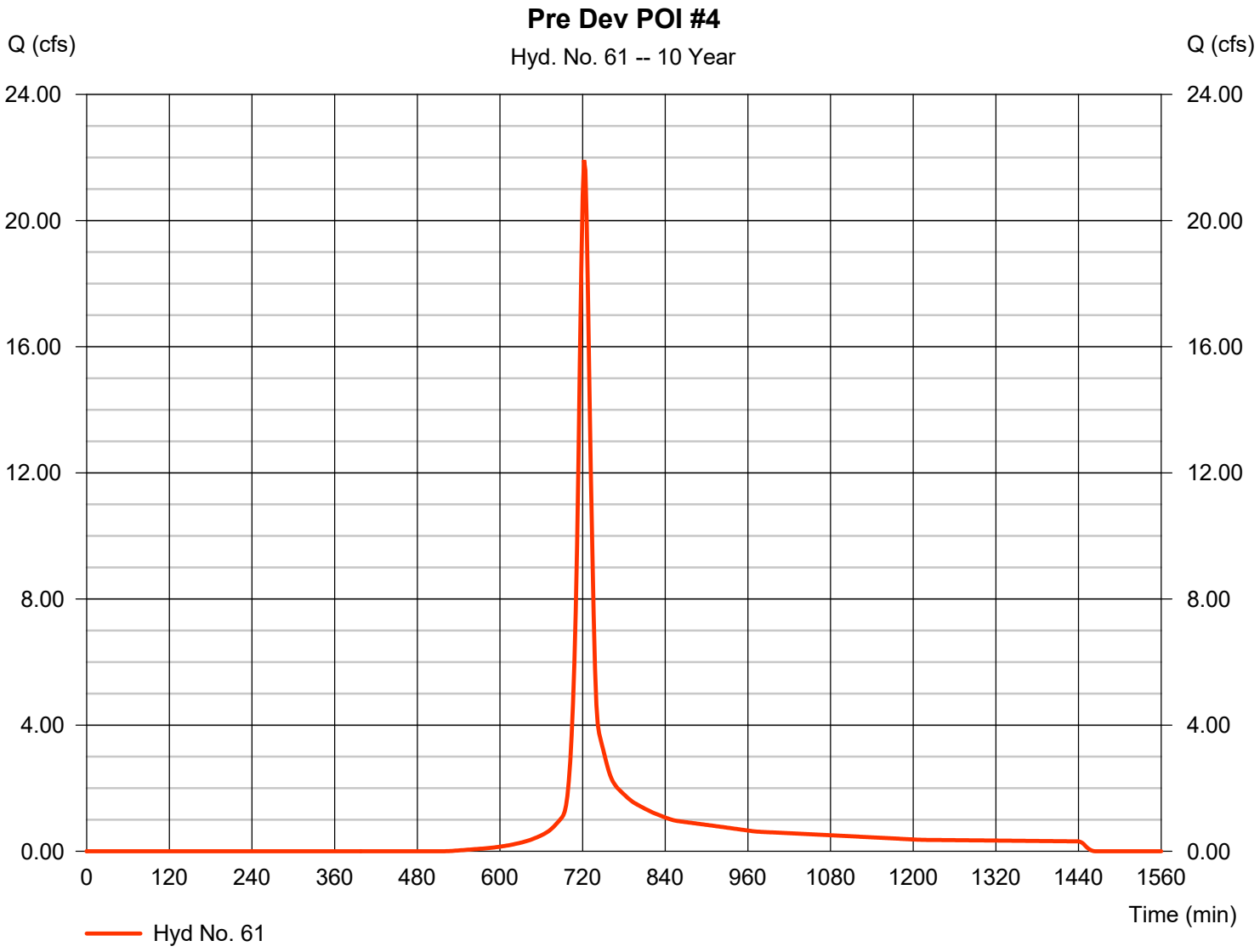
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 21.92 cfs
Storm frequency	= 10 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 61,546 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

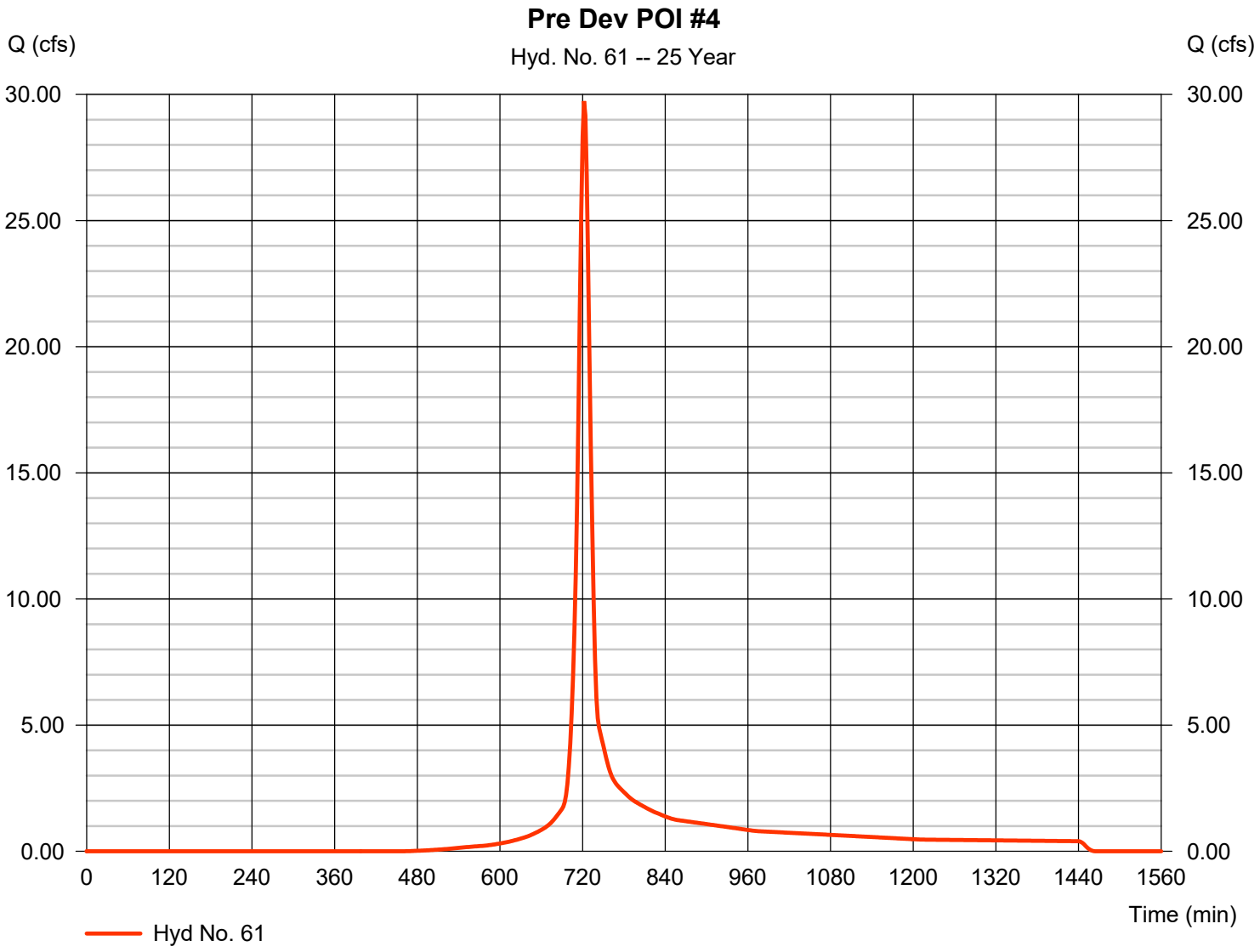
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 29.74 cfs
Storm frequency	= 25 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 83,351 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

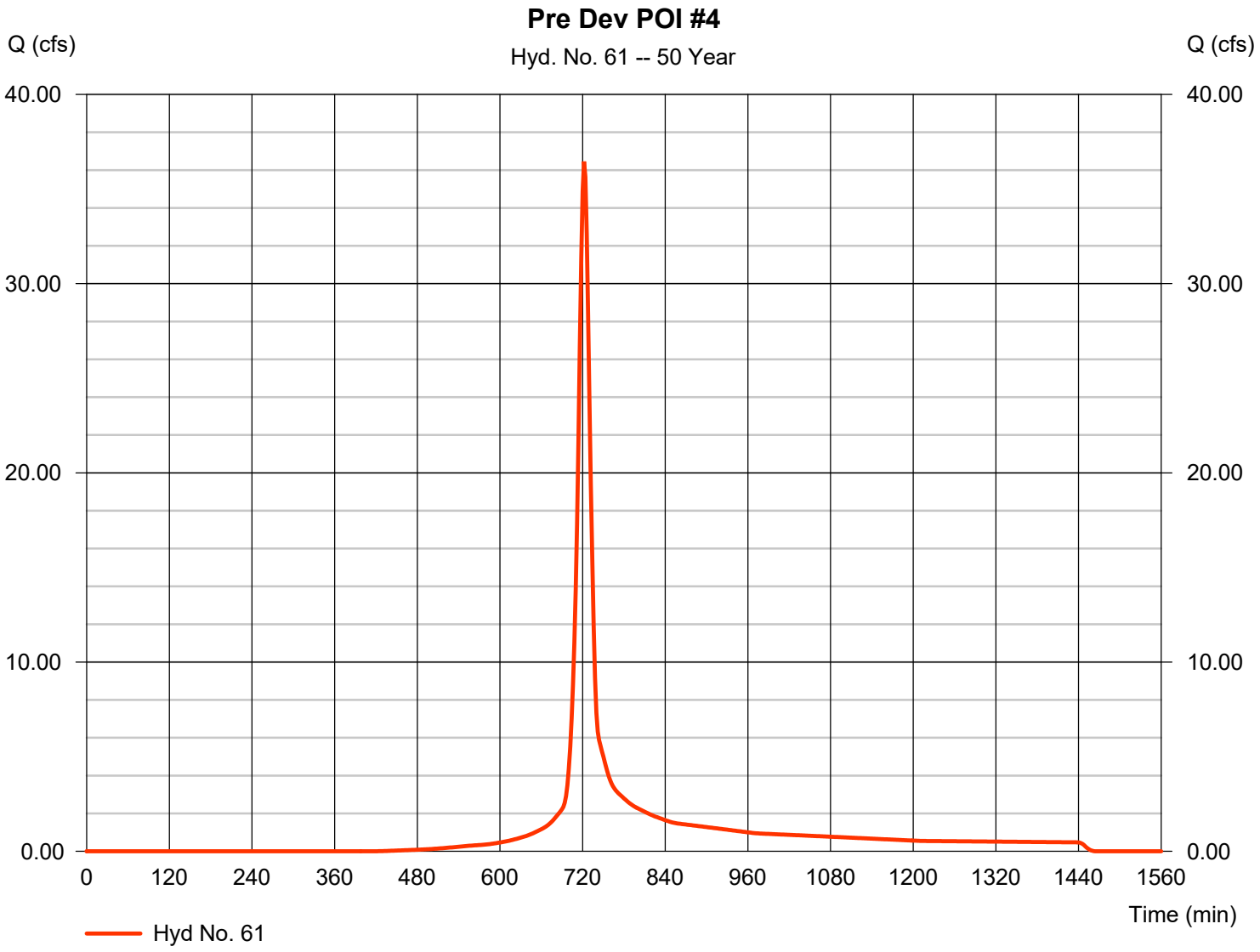
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 36.45 cfs
Storm frequency	= 50 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 102,359 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



Hydrograph Report

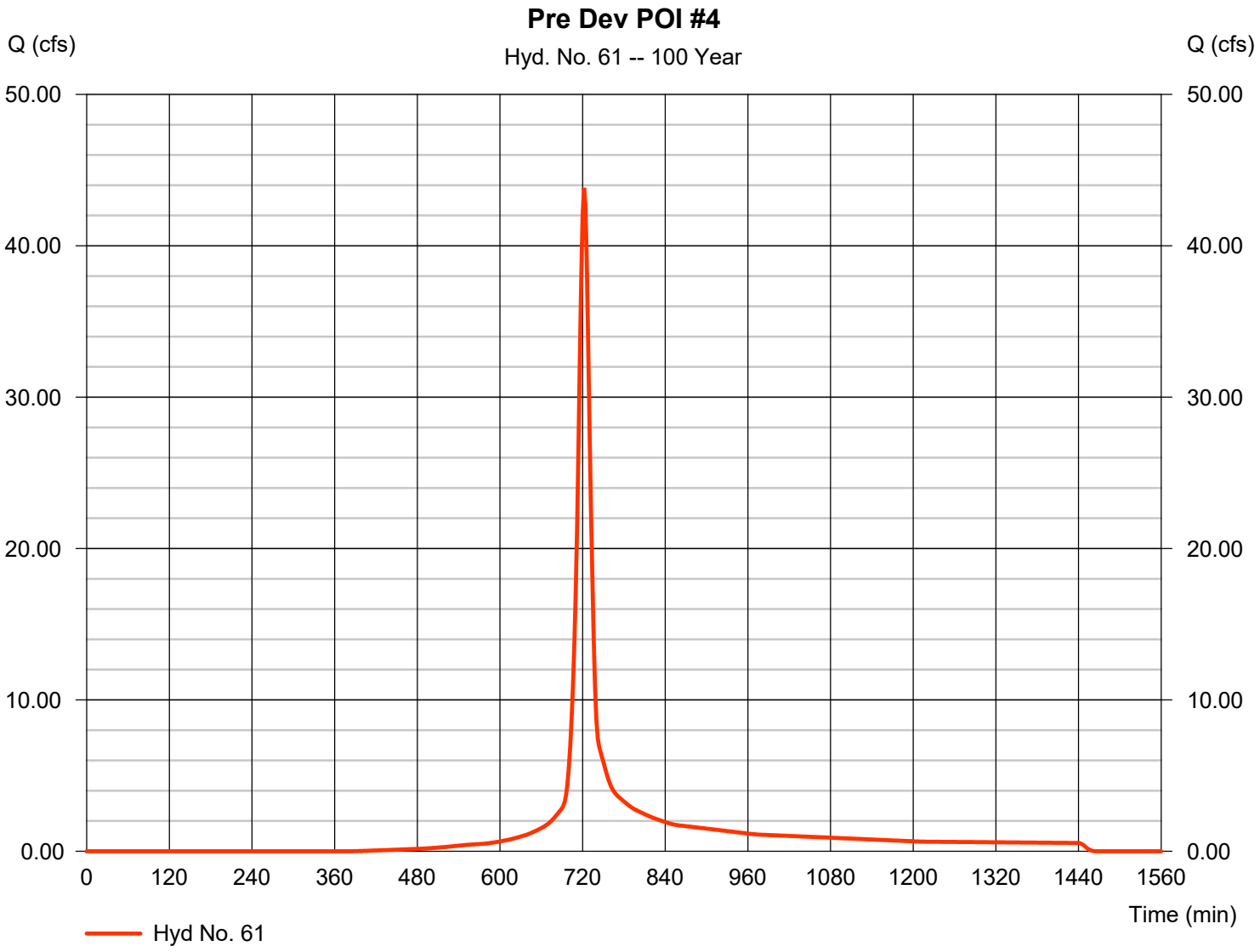
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 61

Pre Dev POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 43.84 cfs
Storm frequency	= 100 yrs	Time to peak	= 722 min
Time interval	= 2 min	Hyd. volume	= 123,516 cuft
Drainage area	= 7.460 ac	Curve number	= 76*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 13.40 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.420 x 55) + (2.560 x 58) + (3.480 x 98)] / 7.460



CN CALCULATION

POST BYPASS POI #4

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.63	61
IMPERVIOUS	0.24	98

TOTAL 0.87

Hydrograph Report

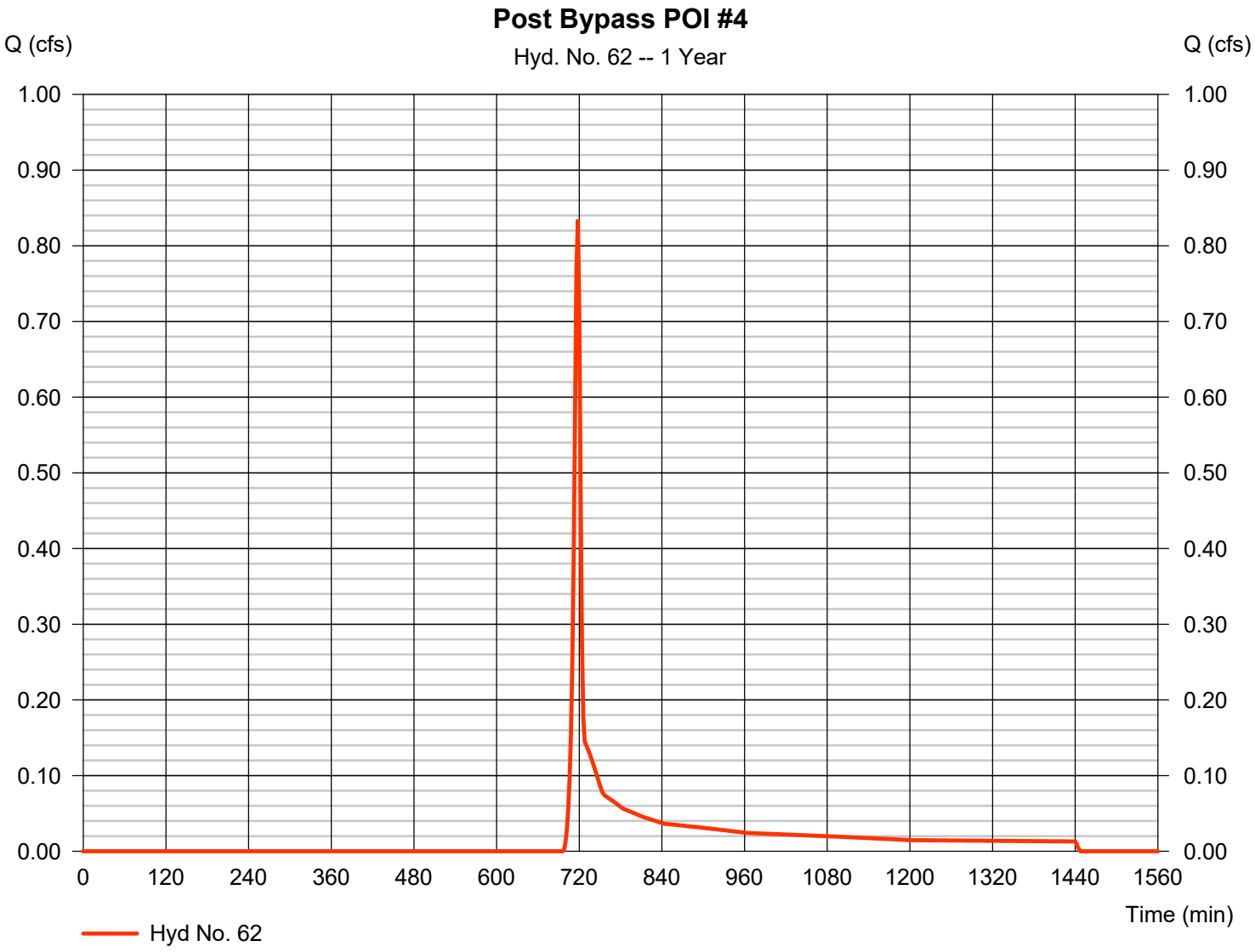
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 0.834 cfs
Storm frequency	= 1 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 1,744 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

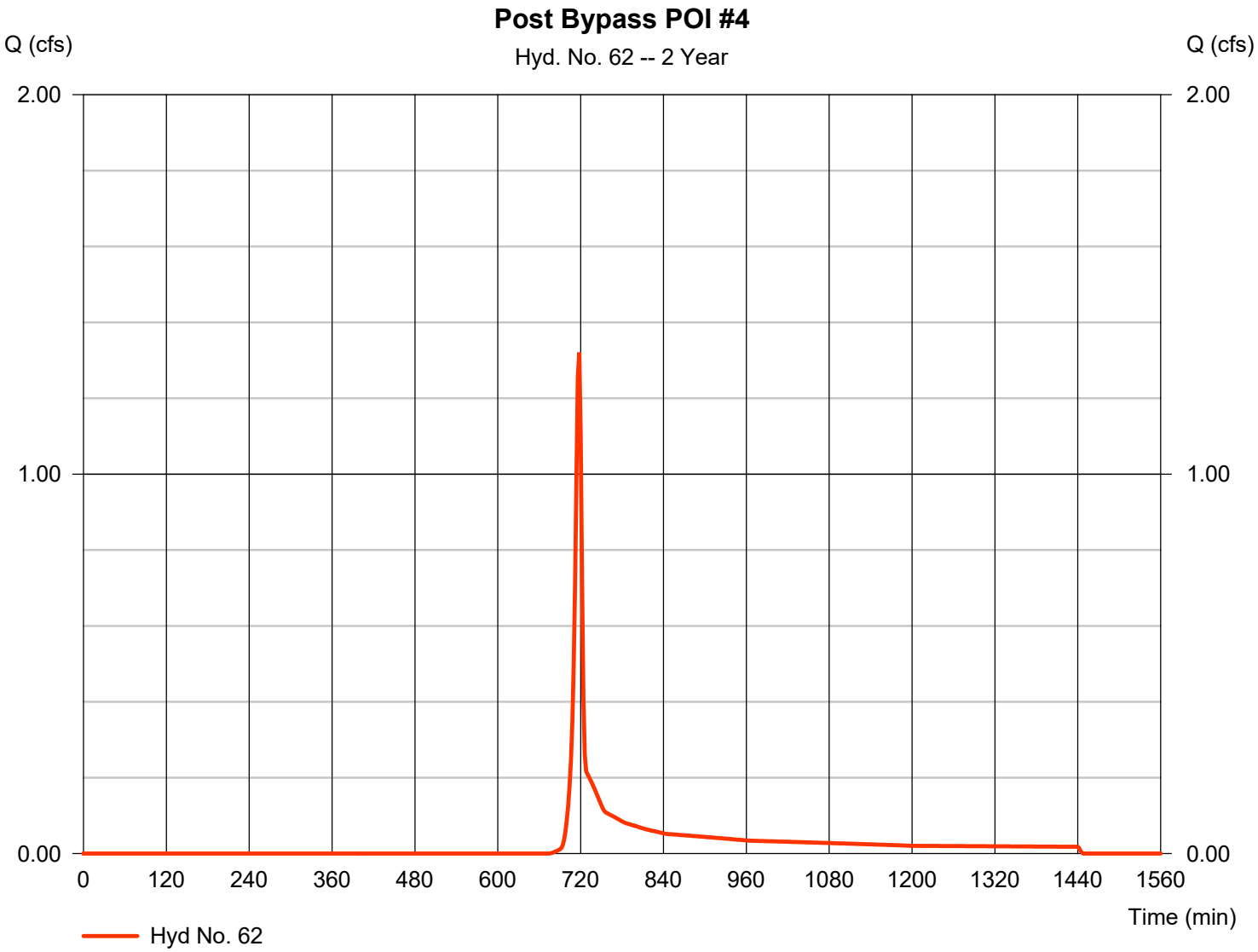
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 1.320 cfs
Storm frequency	= 2 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 2,671 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

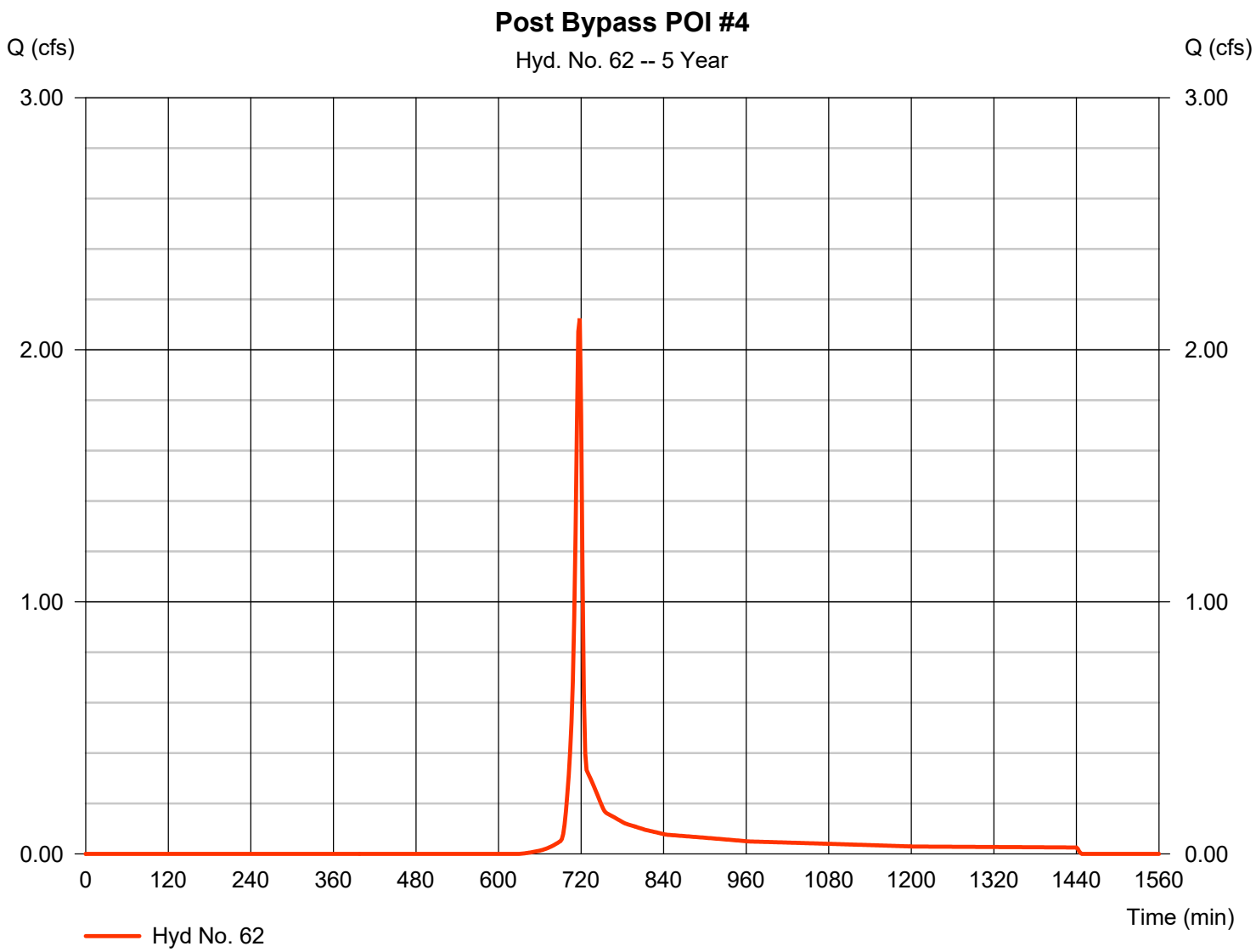
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 2.125 cfs
Storm frequency	= 5 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 4,250 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

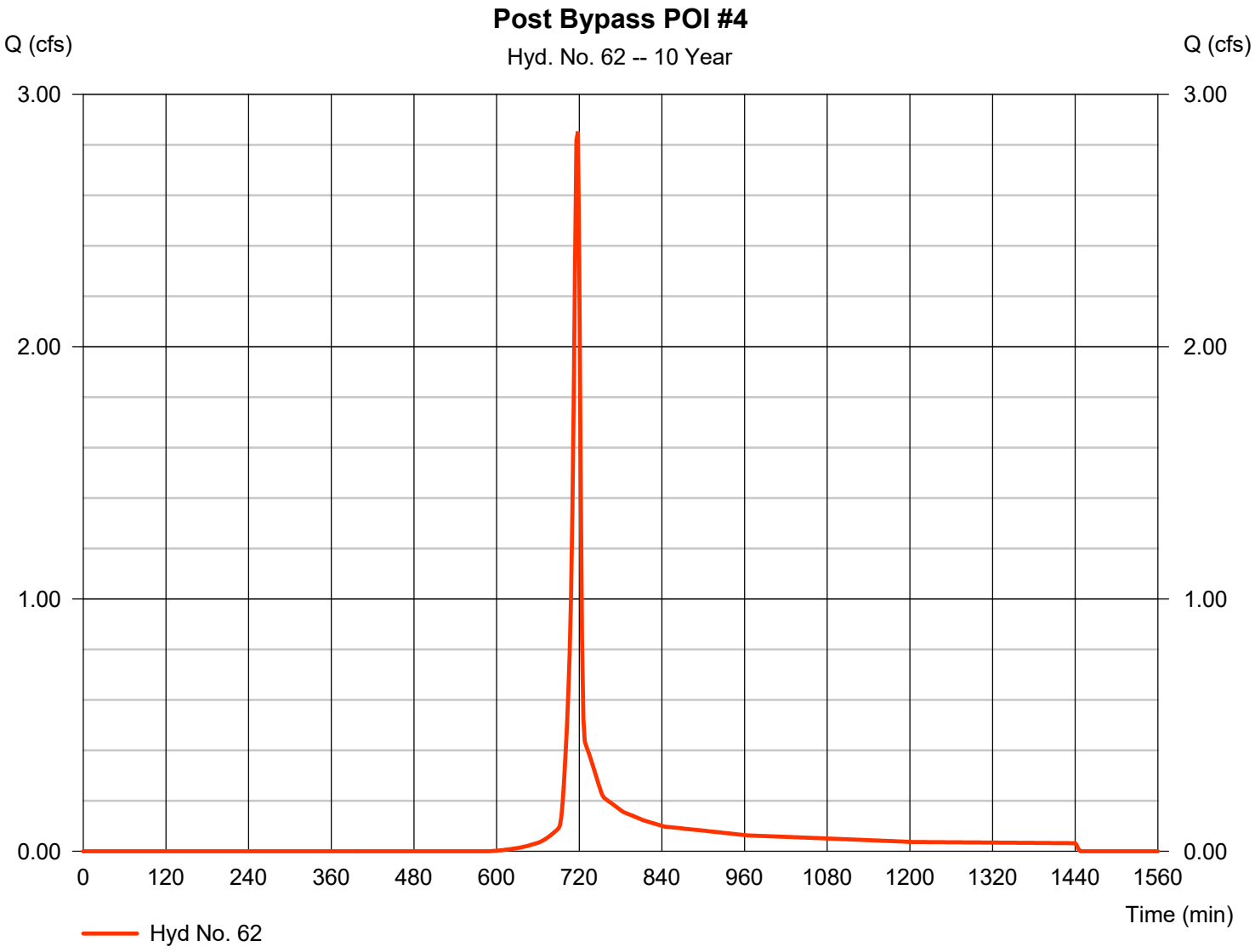
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 2.853 cfs
Storm frequency	= 10 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 5,712 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

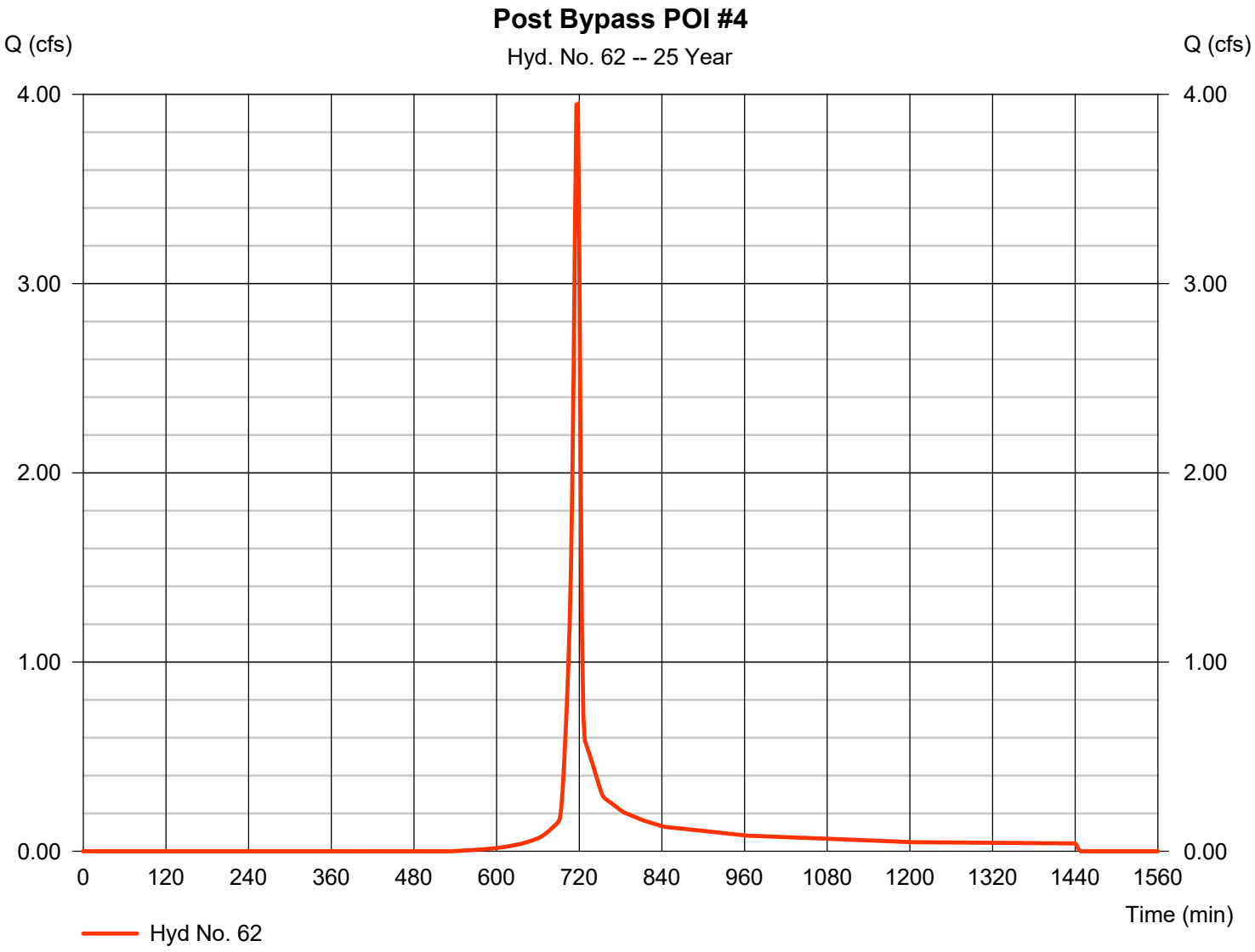
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 3.949 cfs
Storm frequency	= 25 yrs	Time to peak	= 718 min
Time interval	= 2 min	Hyd. volume	= 7,966 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

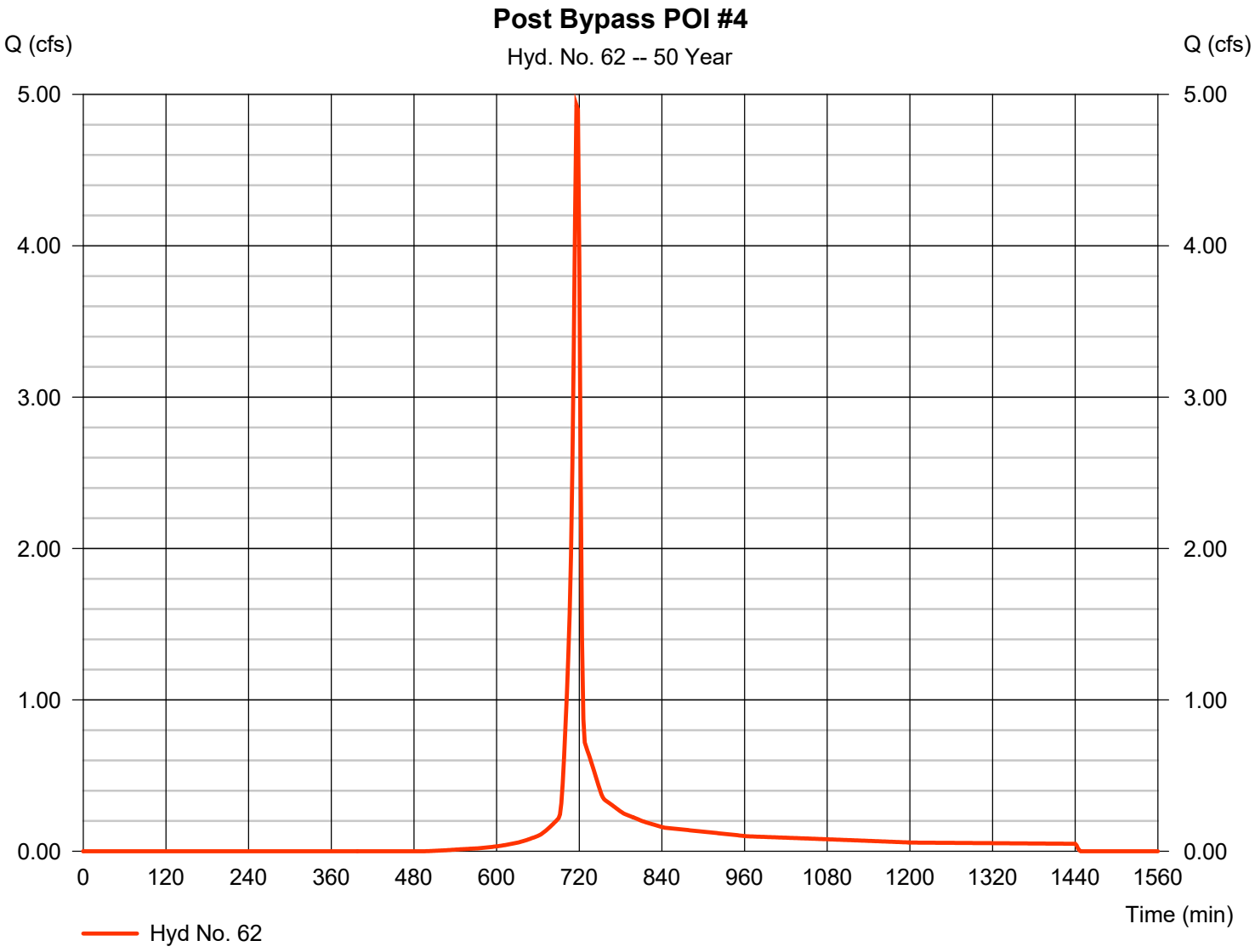
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 4.929 cfs
Storm frequency	= 50 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 9,961 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



Hydrograph Report

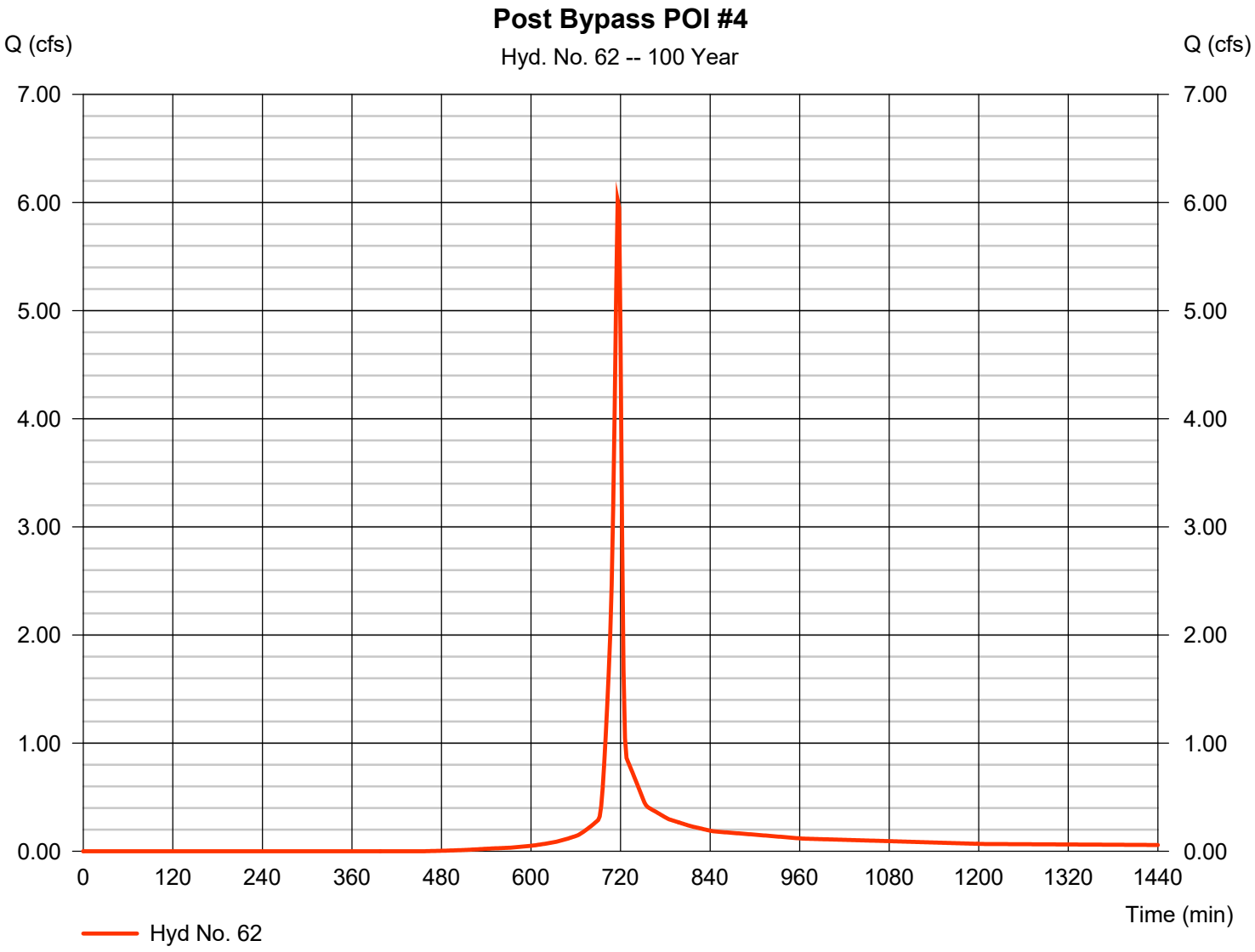
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 62

Post Bypass POI #4

Hydrograph type	= SCS Runoff	Peak discharge	= 6.020 cfs
Storm frequency	= 100 yrs	Time to peak	= 716 min
Time interval	= 2 min	Hyd. volume	= 12,205 cuft
Drainage area	= 0.870 ac	Curve number	= 71*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

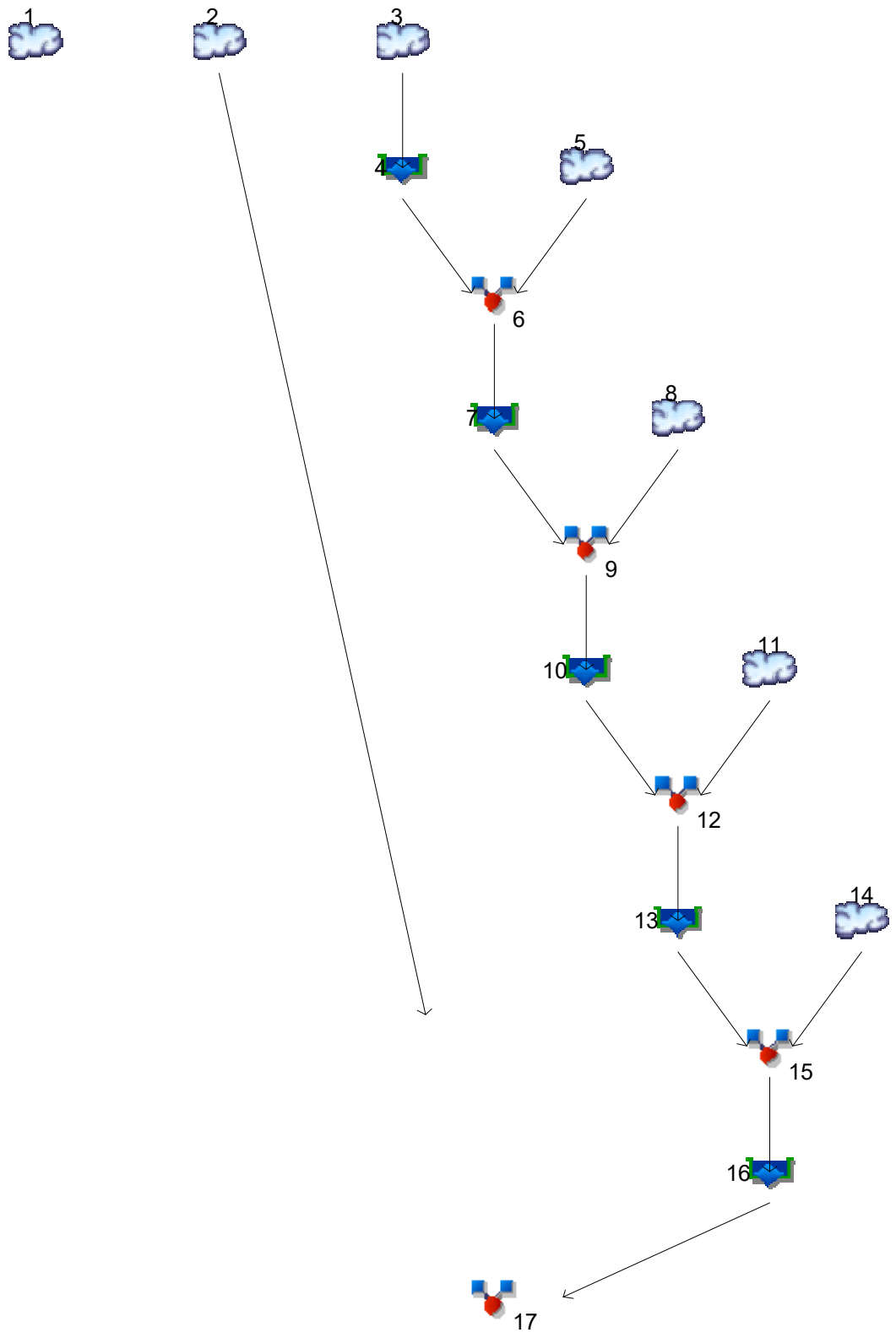
* Composite (Area/CN) = [(0.630 x 61) + (0.240 x 98)] / 0.870



SECTION 3

Watershed Model Schematic

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5



Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	2.224	2	724	7,326	------	------	------	Pre Dev POI #5
2	SCS Runoff	0.854	2	718	1,735	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	0.965	2	722	3,068	------	------	------	SSDEDB #21 In
4	Reservoir	0.092	2	808	3,051	3	471.90	1,071	SSDEDB #21 Out
5	SCS Runoff	1.578	2	716	3,208	------	------	------	SSDEDB #22 In
6	Combine	1.595	2	716	6,259	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	0.127	2	902	6,247	6	452.43	1,906	SSDEDB #22 Out
8	SCS Runoff	0.555	2	718	1,120	------	------	------	SSDEDB #23 In
9	Combine	0.657	2	718	7,366	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	0.120	2	1230	7,354	9	446.26	1,497	SSDEDB #23 Out
11	SCS Runoff	2.199	2	716	4,470	------	------	------	SSDEDB #24 In
12	Combine	2.272	2	716	11,825	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	0.146	2	1170	11,810	12	417.91	3,068	SSDEDB #24 Out
14	SCS Runoff	1.167	2	716	2,356	------	------	------	SSDEDB #25 In
15	Combine	1.275	2	718	14,167	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	0.157	2	1394	14,155	15	409.28	4,161	SSDEDB #25 Out
17	Combine	0.915	2	718	15,890	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	3.733	2	724	11,361	------	------	------	Pre Dev POI #5
2	SCS Runoff	1.283	2	718	2,571	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	1.712	2	722	4,886	------	------	------	SSDEDB #21 In
4	Reservoir	0.117	2	828	4,868	3	472.39	2,079	SSDEDB #21 Out
5	SCS Runoff	2.057	2	716	4,220	------	------	------	SSDEDB #22 In
6	Combine	2.106	2	716	9,089	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	0.149	2	968	9,076	6	453.00	2,747	SSDEDB #22 Out
8	SCS Runoff	0.750	2	716	1,518	------	------	------	SSDEDB #23 In
9	Combine	0.859	2	718	10,594	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	0.141	2	1408	10,583	9	446.77	2,201	SSDEDB #23 Out
11	SCS Runoff	2.867	2	716	5,881	------	------	------	SSDEDB #24 In
12	Combine	2.951	2	716	16,463	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	0.168	2	1336	16,449	12	418.55	4,144	SSDEDB #24 Out
14	SCS Runoff	1.564	2	716	3,171	------	------	------	SSDEDB #25 In
15	Combine	1.684	2	716	19,620	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	0.191	2	1090	19,608	15	409.30	4,177	SSDEDB #25 Out
17	Combine	1.353	2	718	22,179	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	6.276	2	724	18,278	------	------	------	Pre Dev POI #5
2	SCS Runoff	1.980	2	718	3,964	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	2.988	2	722	8,051	------	------	------	SSDEDB #21 In
4	Reservoir	0.155	2	846	8,033	3	473.35	3,996	SSDEDB #21 Out
5	SCS Runoff	2.779	2	716	5,781	------	------	------	SSDEDB #22 In
6	Combine	2.861	2	716	13,814	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	0.183	2	1082	13,801	6	454.02	4,156	SSDEDB #22 Out
8	SCS Runoff	1.051	2	716	2,145	------	------	------	SSDEDB #23 In
9	Combine	1.176	2	716	15,946	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	0.171	2	1460	15,935	9	447.63	3,322	SSDEDB #23 Out
11	SCS Runoff	3.872	2	716	8,055	------	------	------	SSDEDB #24 In
12	Combine	3.968	2	716	23,990	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	0.202	2	1440	23,975	12	419.70	5,804	SSDEDB #24 Out
14	SCS Runoff	2.170	2	716	4,444	------	------	------	SSDEDB #25 In
15	Combine	2.311	2	716	28,419	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	0.253	2	868	28,407	15	409.32	4,194	SSDEDB #25 Out
17	Combine	2.062	2	718	32,371	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	8.640	2	722	24,724	------	------	------	Pre Dev POI #5
2	SCS Runoff	2.600	2	718	5,235	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	4.173	2	722	11,034	------	------	------	SSDEDB #21 In
4	Reservoir	0.188	2	866	11,017	3	474.39	5,882	SSDEDB #21 Out
5	SCS Runoff	3.386	2	716	7,125	------	------	------	SSDEDB #22 In
6	Combine	3.486	2	716	18,141	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	0.227	2	1064	18,128	6	455.16	5,366	SSDEDB #22 Out
8	SCS Runoff	1.309	2	716	2,692	------	------	------	SSDEDB #23 In
9	Combine	1.447	2	716	20,820	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	0.198	2	1508	20,809	9	448.54	4,360	SSDEDB #23 Out
11	SCS Runoff	4.719	2	716	9,928	------	------	------	SSDEDB #24 In
12	Combine	4.825	2	716	30,736	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	0.361	2	780	30,722	12	420.08	6,218	SSDEDB #24 Out
14	SCS Runoff	2.687	2	716	5,553	------	------	------	SSDEDB #25 In
15	Combine	2.845	2	716	36,274	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	0.488	2	782	36,263	15	409.40	4,246	SSDEDB #25 Out
17	Combine	2.693	2	718	41,497	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	12.30	2	722	34,698	------	------	------	Pre Dev POI #5
2	SCS Runoff	3.547	2	716	7,170	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	5.994	2	722	15,691	------	------	------	SSDEDB #21 In
4	Reservoir	0.875	2	748	15,674	3	475.47	7,332	SSDEDB #21 Out
5	SCS Runoff	4.256	2	716	9,084	------	------	------	SSDEDB #22 In
6	Combine	4.378	2	716	24,757	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	1.118	2	752	24,745	6	455.41	5,550	SSDEDB #22 Out
8	SCS Runoff	1.680	2	716	3,498	------	------	------	SSDEDB #23 In
9	Combine	1.840	2	716	28,243	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	0.583	2	814	28,231	9	449.25	4,955	SSDEDB #23 Out
11	SCS Runoff	5.931	2	716	12,658	------	------	------	SSDEDB #24 In
12	Combine	6.049	2	716	40,889	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	2.105	2	724	40,874	12	420.46	6,531	SSDEDB #24 Out
14	SCS Runoff	3.430	2	716	7,181	------	------	------	SSDEDB #25 In
15	Combine	3.613	2	716	48,055	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	2.733	2	724	48,044	15	409.81	4,508	SSDEDB #25 Out
17	Combine	3.734	2	724	55,214	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	15.52	2	722	43,553	------	------	------	Pre Dev POI #5
2	SCS Runoff	4.370	2	716	8,867	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	7.631	2	720	19,854	------	------	------	SSDEDB #21 In
4	Reservoir	3.963	2	730	19,837	3	475.95	7,788	SSDEDB #21 Out
5	SCS Runoff	4.982	2	716	10,746	------	------	------	SSDEDB #22 In
6	Combine	5.123	2	716	30,583	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	4.266	2	732	30,570	6	455.88	5,878	SSDEDB #22 Out
8	SCS Runoff	1.992	2	716	4,187	------	------	------	SSDEDB #23 In
9	Combine	4.512	2	732	34,757	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	2.394	2	742	34,746	9	449.59	5,175	SSDEDB #23 Out
11	SCS Runoff	6.942	2	716	14,973	------	------	------	SSDEDB #24 In
12	Combine	7.071	2	716	49,719	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	5.135	2	720	49,704	12	420.84	6,857	SSDEDB #24 Out
14	SCS Runoff	4.053	2	716	8,569	------	------	------	SSDEDB #25 In
15	Combine	8.214	2	720	58,274	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	7.362	2	722	58,262	15	410.39	4,821	SSDEDB #25 Out
17	Combine	10.49	2	720	67,129	2, 16	------	------	Post Total

Hydrograph Summary Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to Peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph Description
1	SCS Runoff	19.10	2	722	53,538	------	------	------	Pre Dev POI #5
2	SCS Runoff	5.277	2	716	10,763	------	------	------	Post Dev Bypass POI #5
3	SCS Runoff	9.474	2	720	24,571	------	------	------	SSDEDB #21 In
4	Reservoir	7.562	2	726	24,554	3	476.34	8,162	SSDEDB #21 Out
5	SCS Runoff	5.765	2	716	12,561	------	------	------	SSDEDB #22 In
6	Combine	8.485	2	726	37,115	4, 5	------	------	SSDEDB #21 Out + SSDEDB #22 In
7	Reservoir	8.014	2	728	37,102	6	456.30	6,162	SSDEDB #22 Out
8	SCS Runoff	2.329	2	716	4,944	------	------	------	SSDEDB #23 In
9	Combine	8.374	2	726	42,046	7, 8	------	------	SSDEDB #22 Out + SSDEDB #23 In
10	Reservoir	7.801	2	730	42,035	9	450.24	5,581	SSDEDB #23 Out
11	SCS Runoff	8.033	2	716	17,503	------	------	------	SSDEDB #24 In
12	Combine	8.811	2	730	59,538	10, 11	------	------	SSDEDB #23 Out + SSDEDB #24 In
13	Reservoir	8.201	2	732	59,523	12	421.16	7,121	SSDEDB #24 Out
14	SCS Runoff	4.726	2	716	10,092	------	------	------	SSDEDB #25 In
15	Combine	11.95	2	718	69,615	13, 14	------	------	SSDEDB #24 Out + SSDEDB #25 In
16	Reservoir	11.35	2	720	69,603	15	410.74	5,035	SSDEDB #25 Out
17	Combine	16.05	2	718	80,366	2, 16	------	------	Post Total

SECTION 3.1

CN CALCULATION

PRE DEV POI #5

GROUND COVER	AREA (ACRES)	CN
WOODS	1.01	55
MEADOWS	1.52	58
IMPERVIOUS	1.24	98

TOTAL 3.77

TR55 Tc Worksheet

Hyd. No. 1

Pre Dev POI #5

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.011		0.011		
Flow length (ft)	= 150.0		0.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		0.00		0.00		
Land slope (%)	= 22.00		0.00		0.00		
Travel Time (min)	**= 11.31**	**+**	**0.00**	**+**	**0.00**	**=**	**11.31**
Shallow Concentrated Flow							
Flow length (ft)	= 301.00		101.00		650.00		
Watercourse slope (%)	= 12.60		5.90		8.80		
Surface description	= Unpaved		Paved		Paved		
Average velocity (ft/s)	=5.73		4.94		6.03		
Travel Time (min)	**= 0.88**	**+**	**0.34**	**+**	**1.80**	**=**	**3.01**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 14.30 min

Hydrograph Report

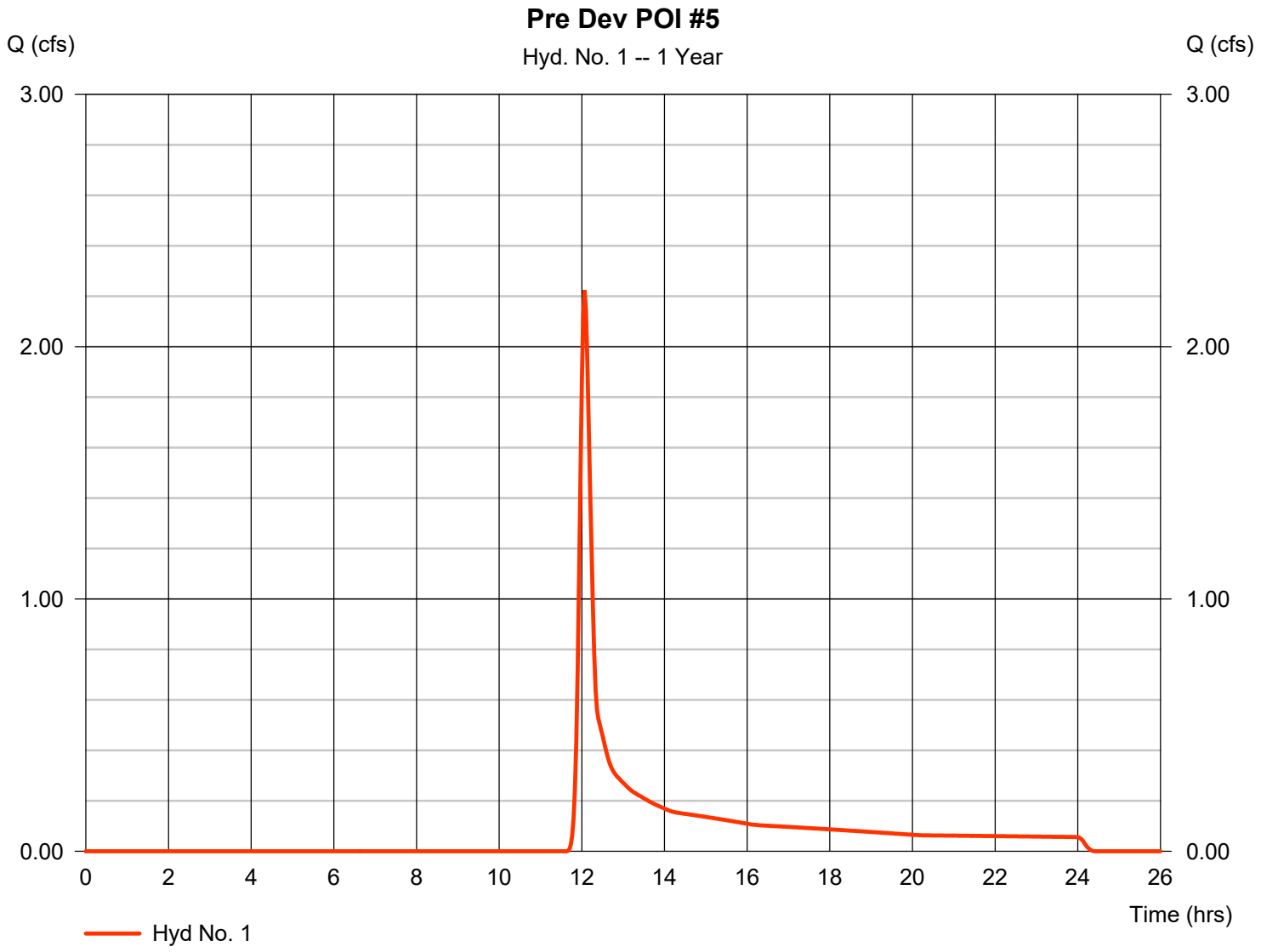
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 2.224 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 7,326 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

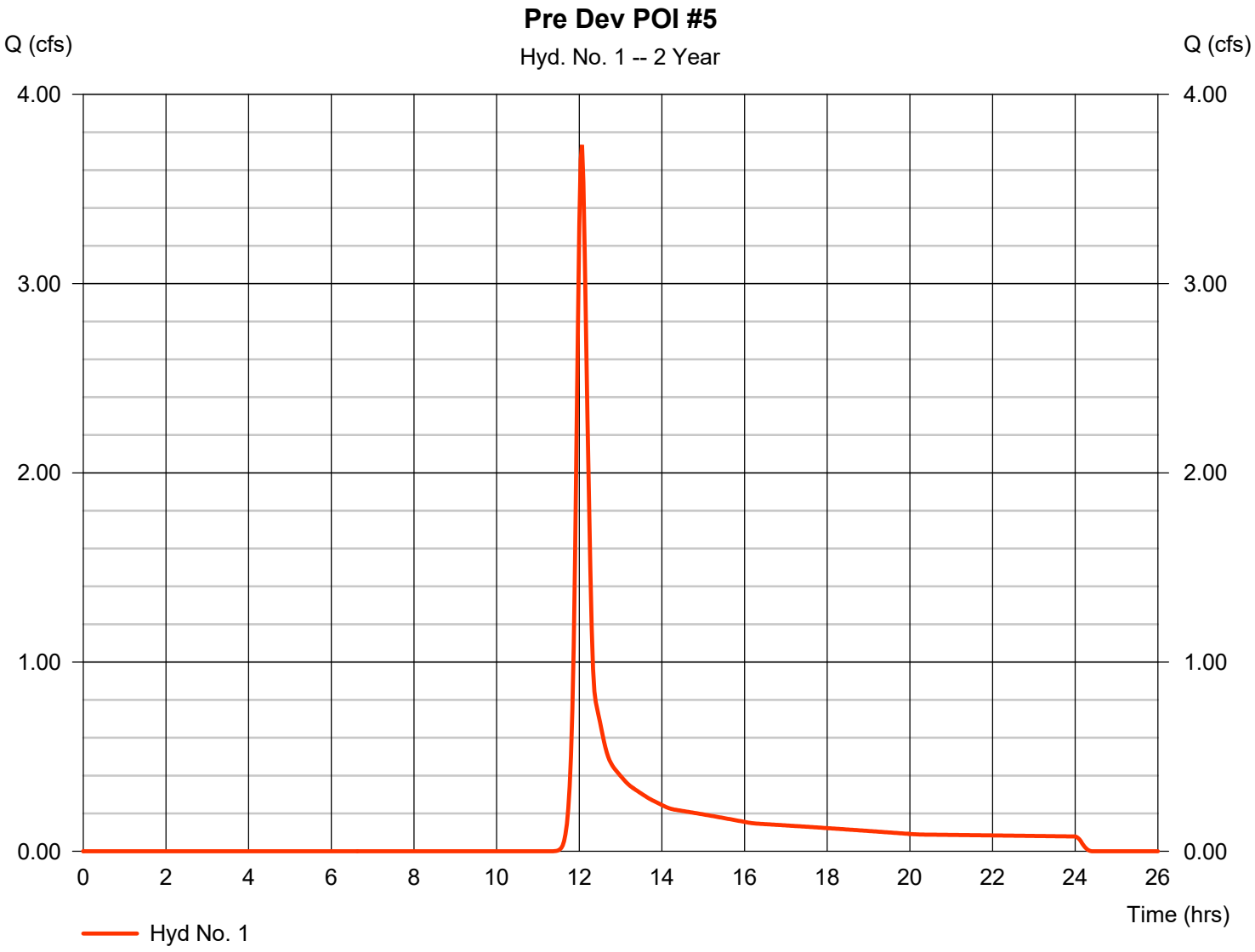
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 3.733 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 11,361 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

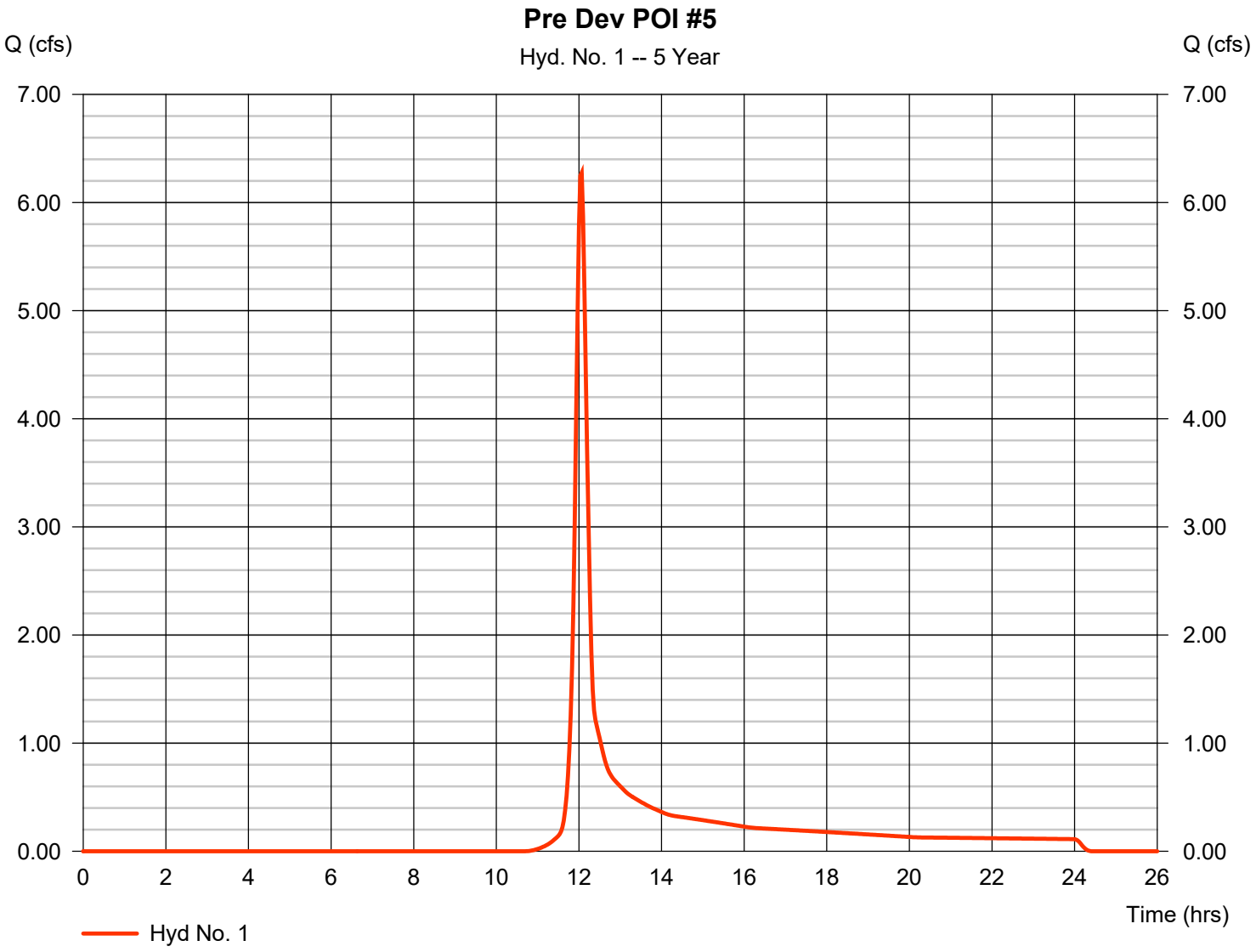
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 6.276 cfs
Storm frequency	= 5 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 18,278 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

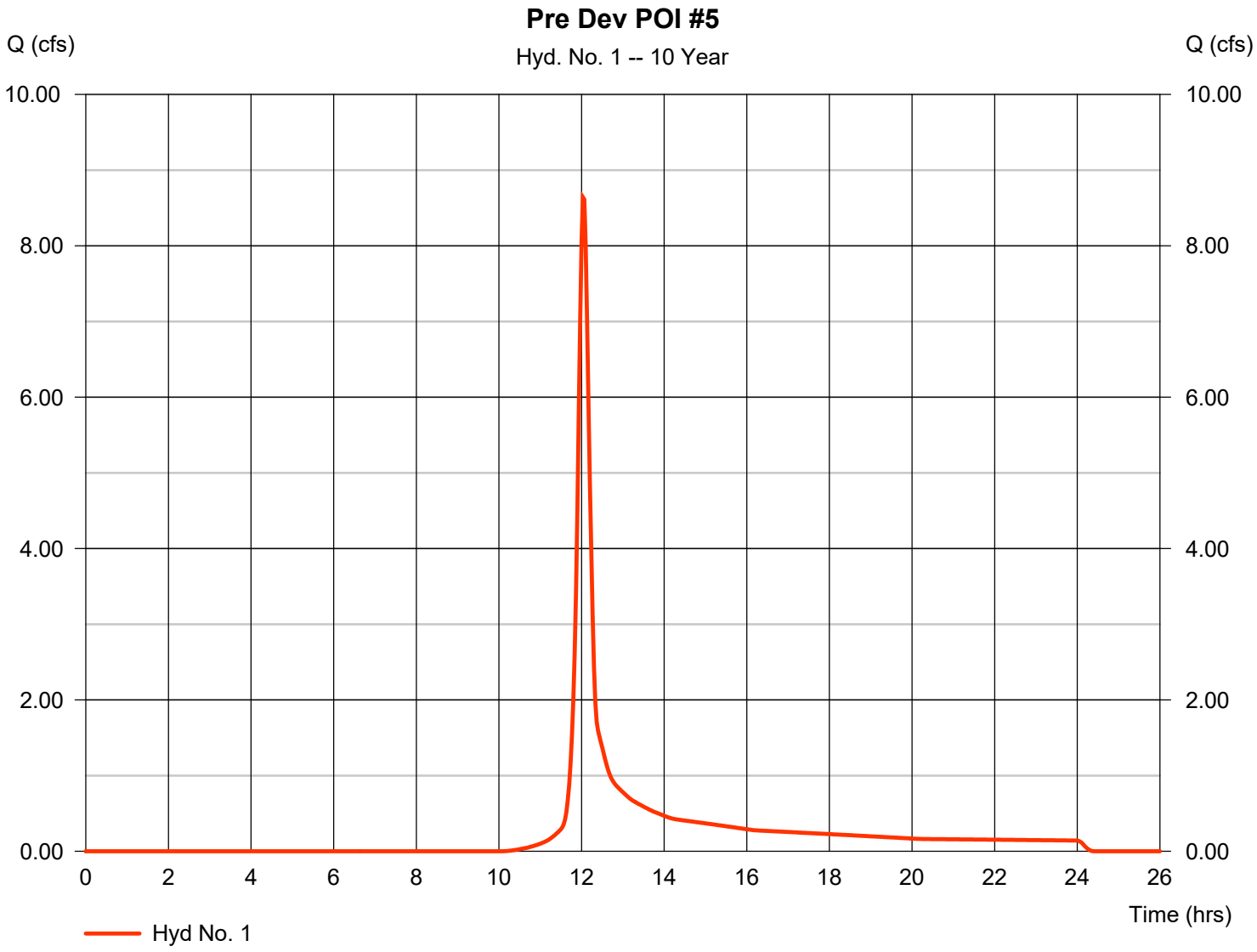
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 8.640 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 24,724 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

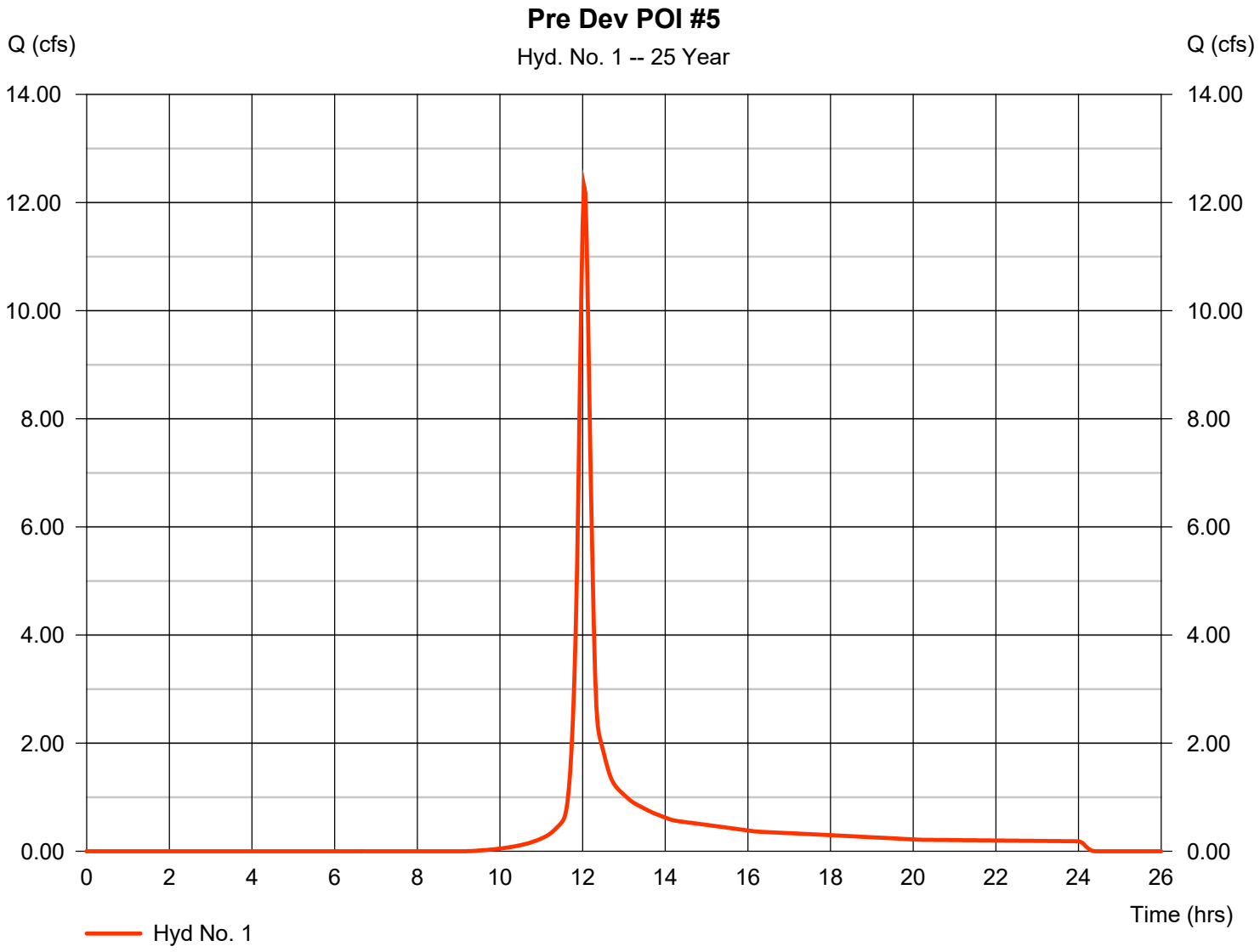
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 12.30 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 34,698 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

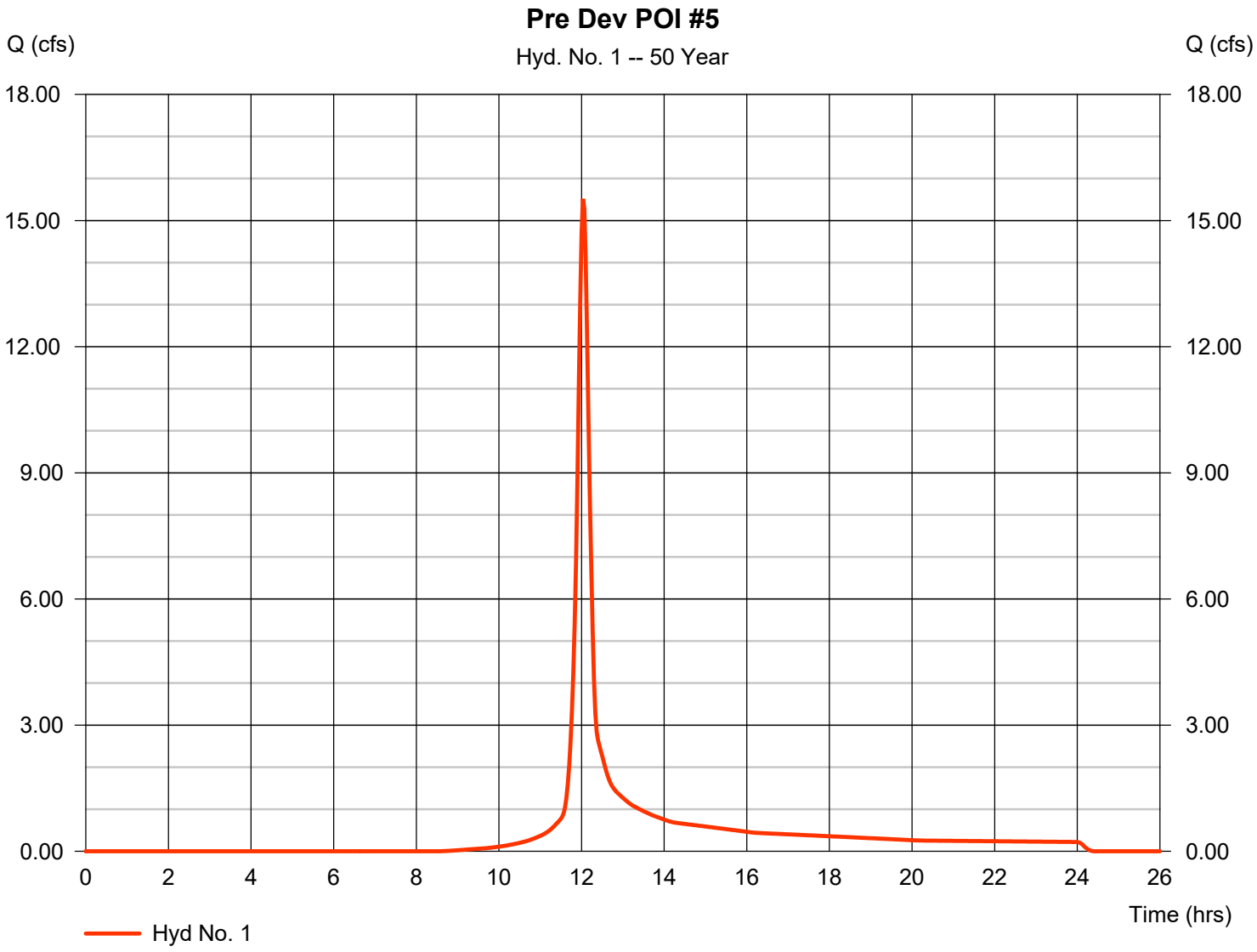
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 15.52 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 43,553 cuft
Drainage area	= 3.770 ac	Curve number	= 70*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 14.30 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



Hydrograph Report

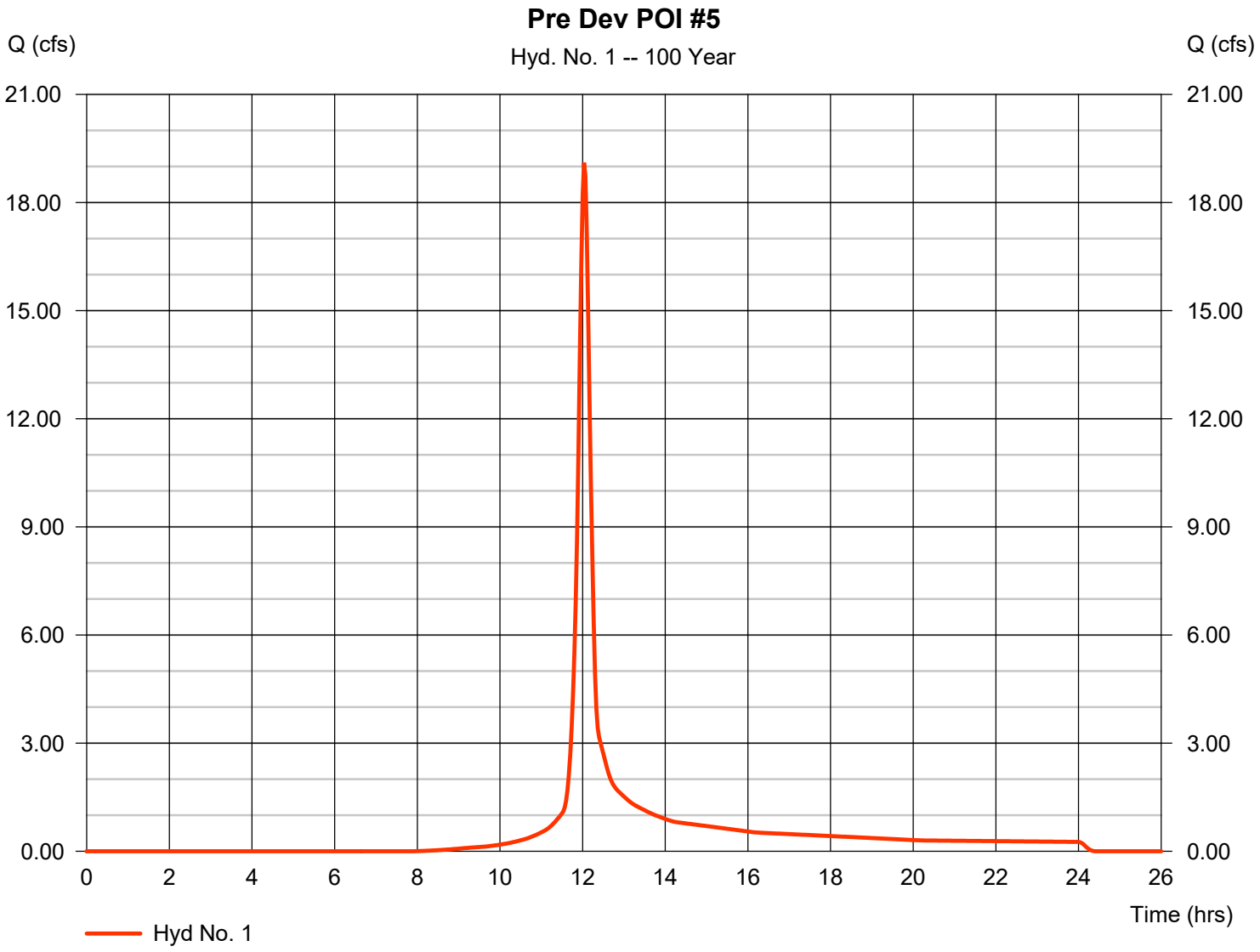
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 1

Pre Dev POI #5

Hydrograph type	=	SCS Runoff	Peak discharge	=	19.10 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.03 hrs
Time interval	=	2 min	Hyd. volume	=	53,538 cuft
Drainage area	=	3.770 ac	Curve number	=	70*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	TR55	Time of conc. (Tc)	=	14.30 min
Total precip.	=	7.47 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(1.010 x 55) + (1.520 x 58) + (1.240 x 98)] / 3.770



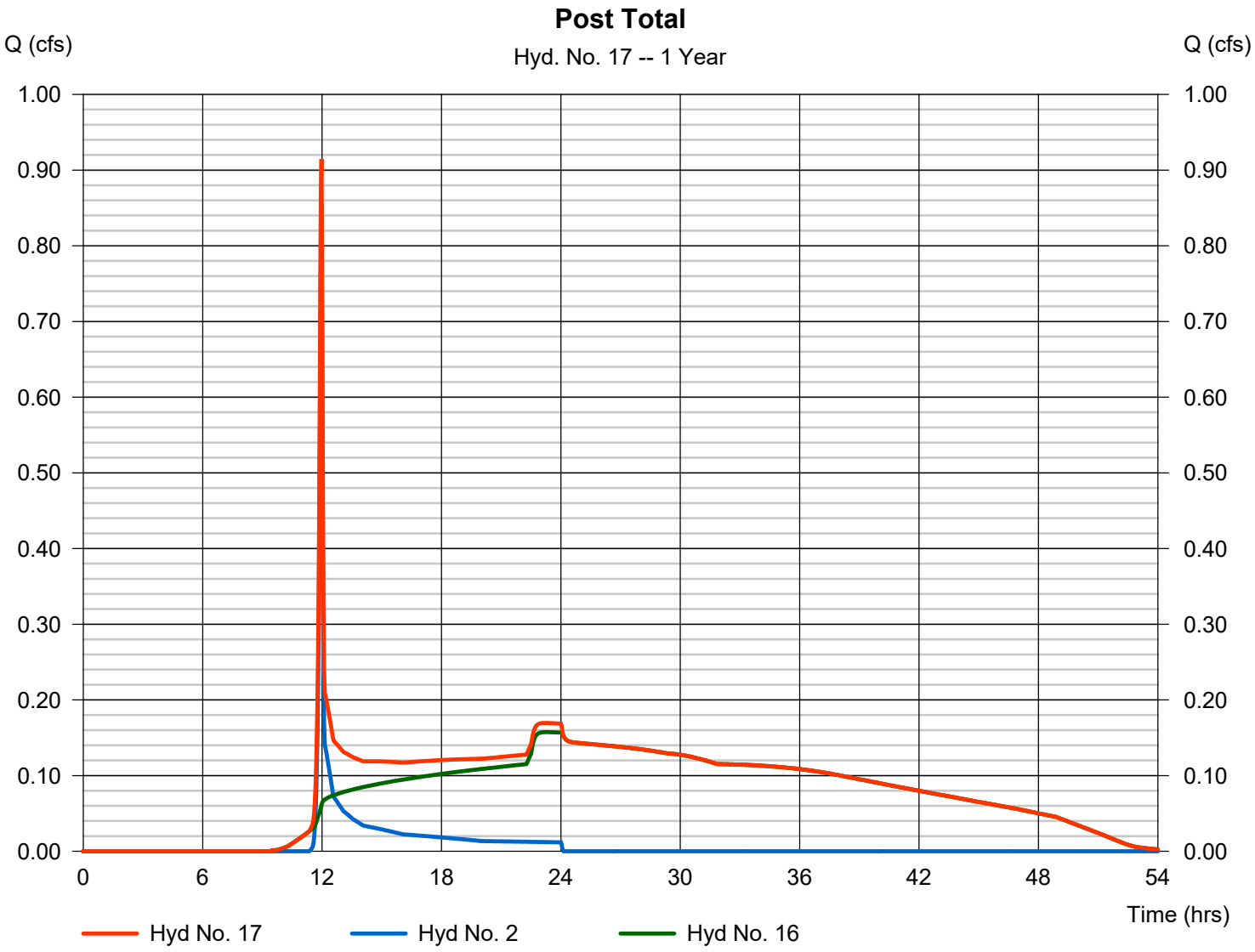
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 0.915 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 15,890 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



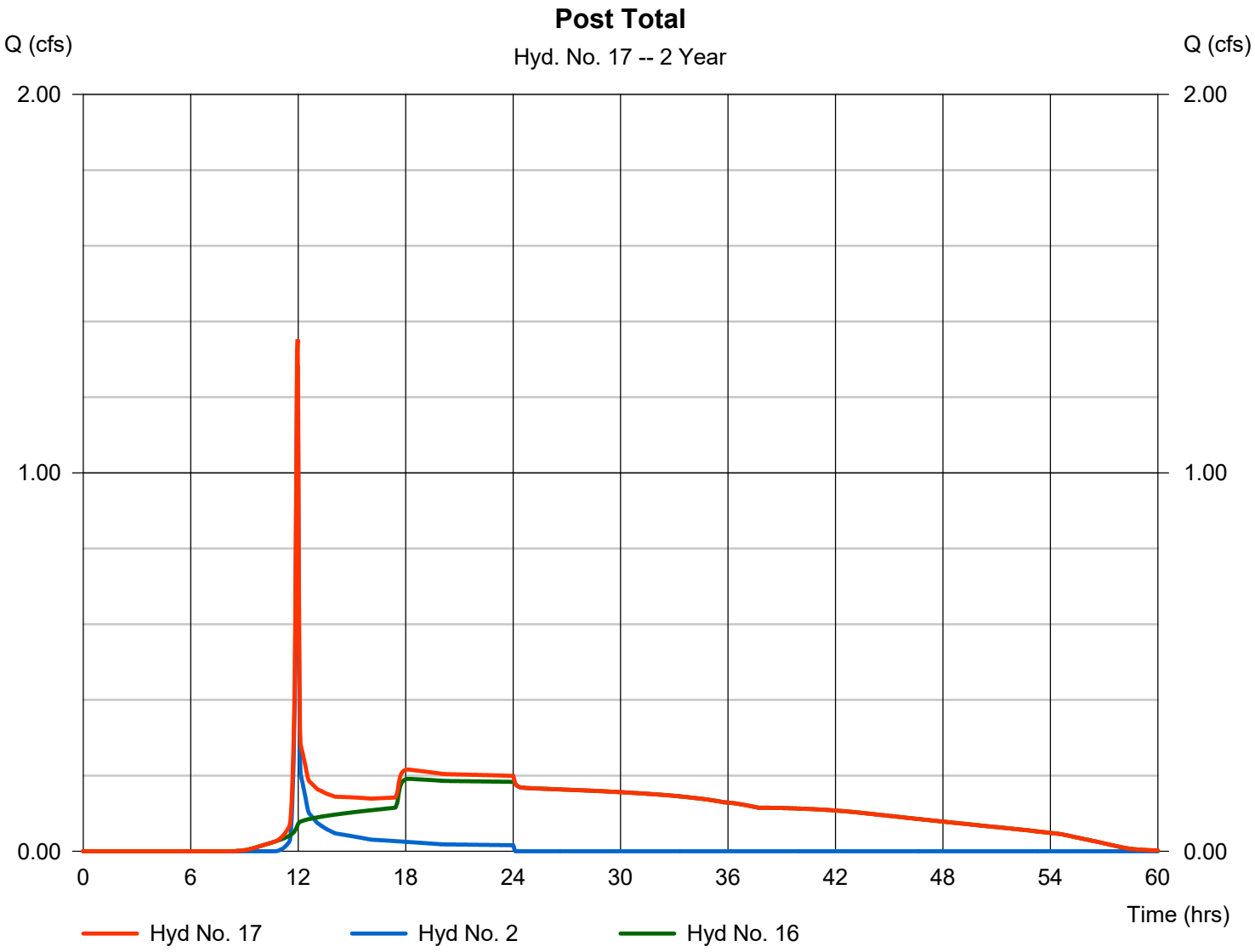
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 1.353 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 22,179 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



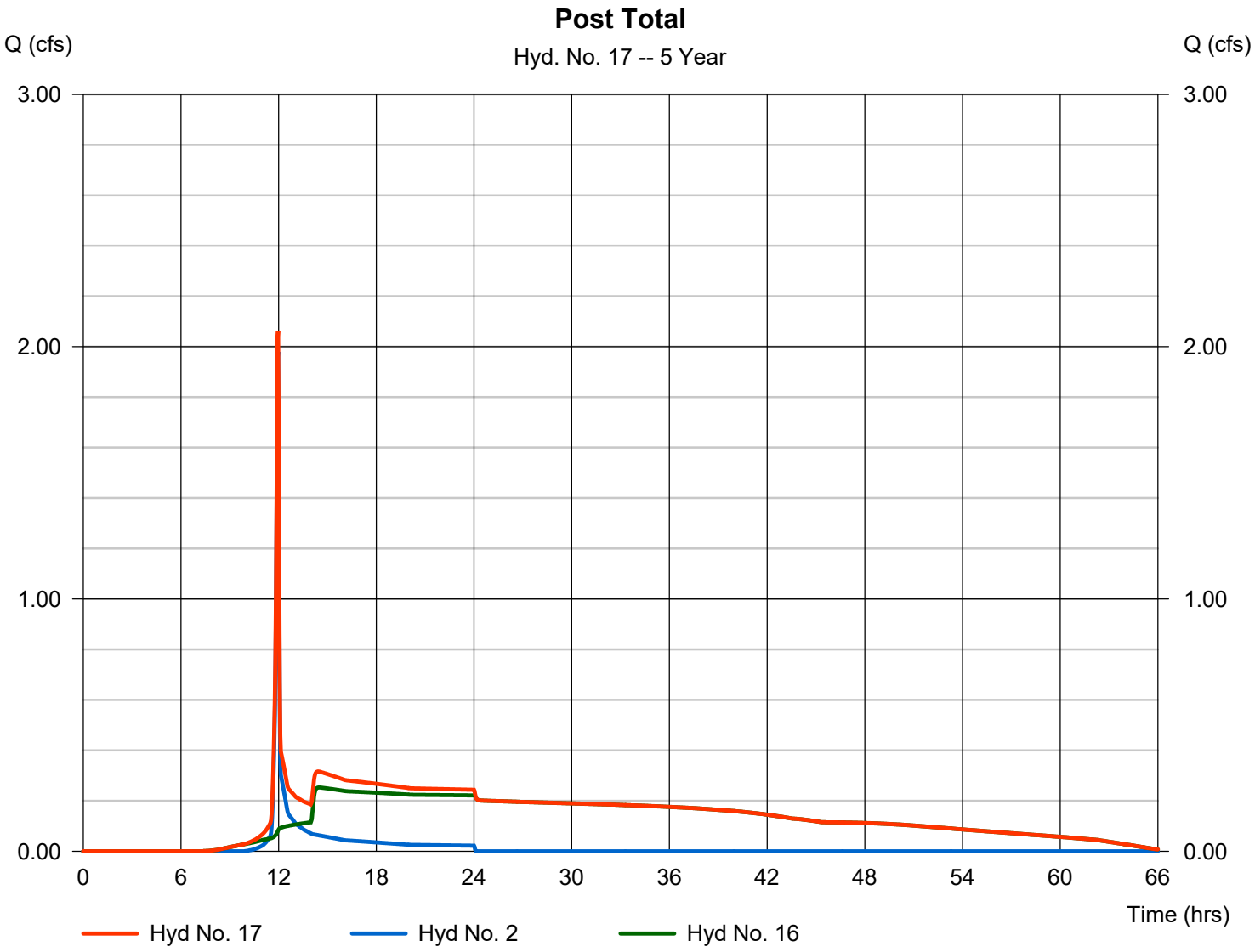
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 2.062 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 32,371 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



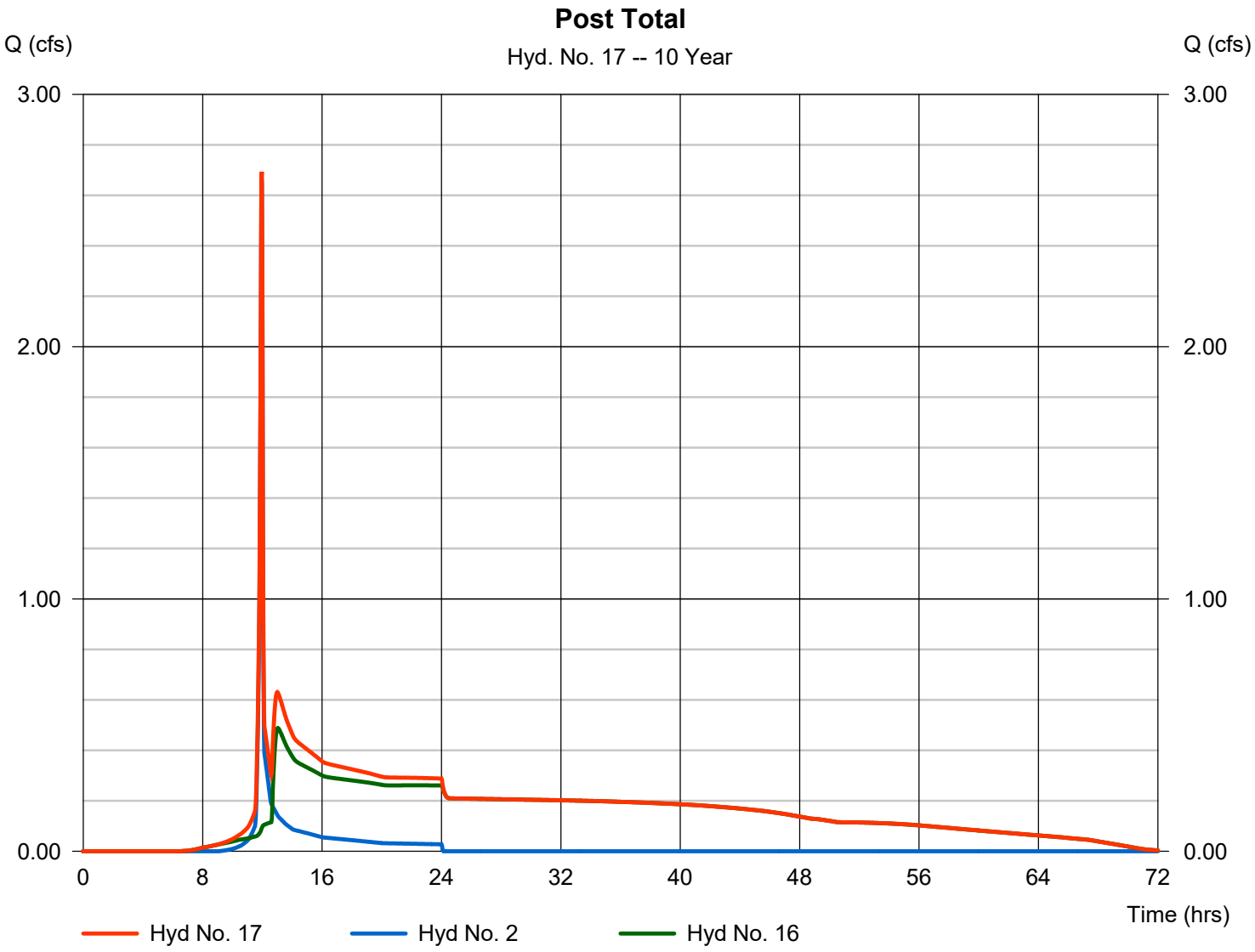
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 2.693 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 41,497 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



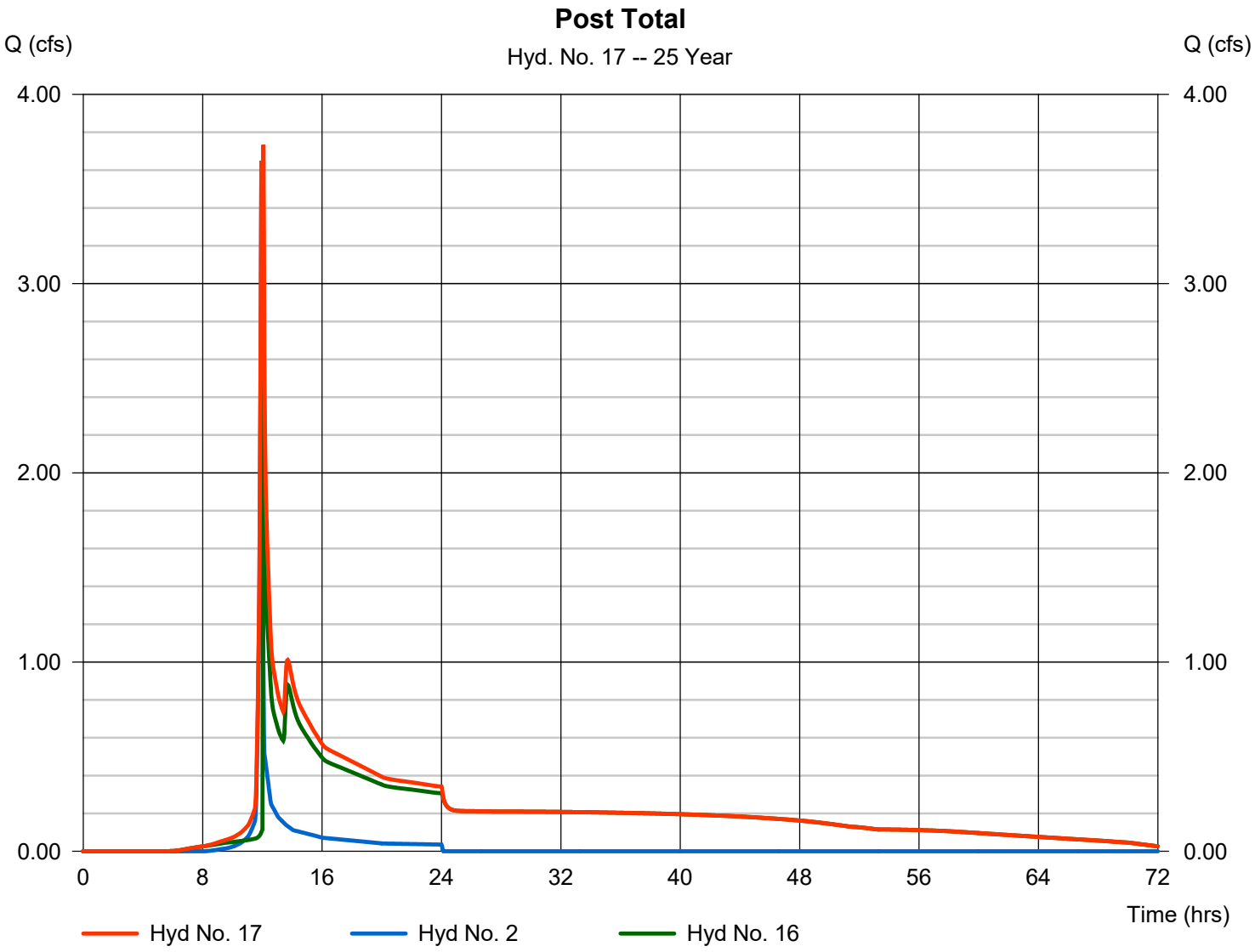
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 3.734 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 55,214 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



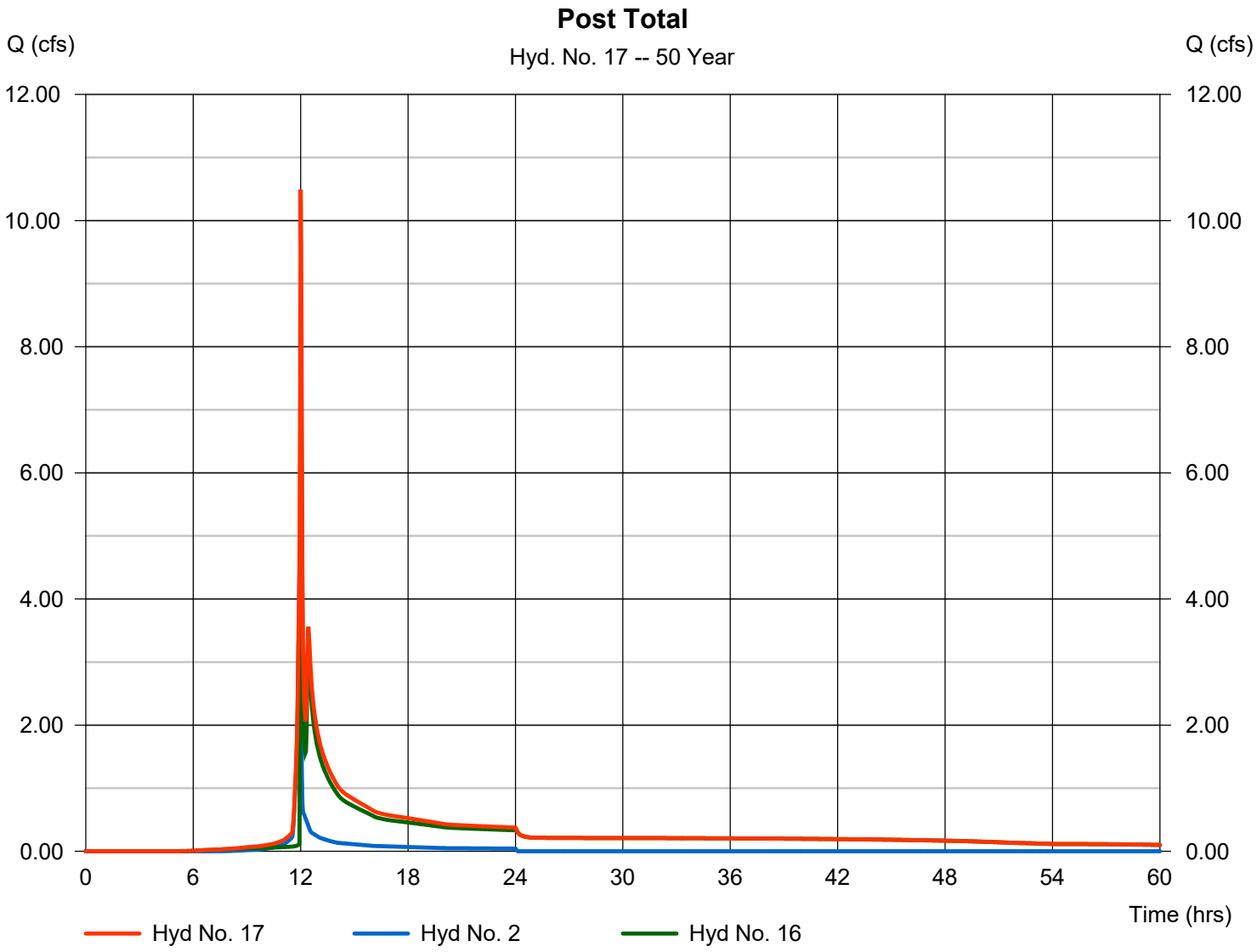
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	= Combine	Peak discharge	= 10.49 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 67,129 cuft
Inflow hyds.	= 2, 16	Contrib. drain. area	= 0.710 ac



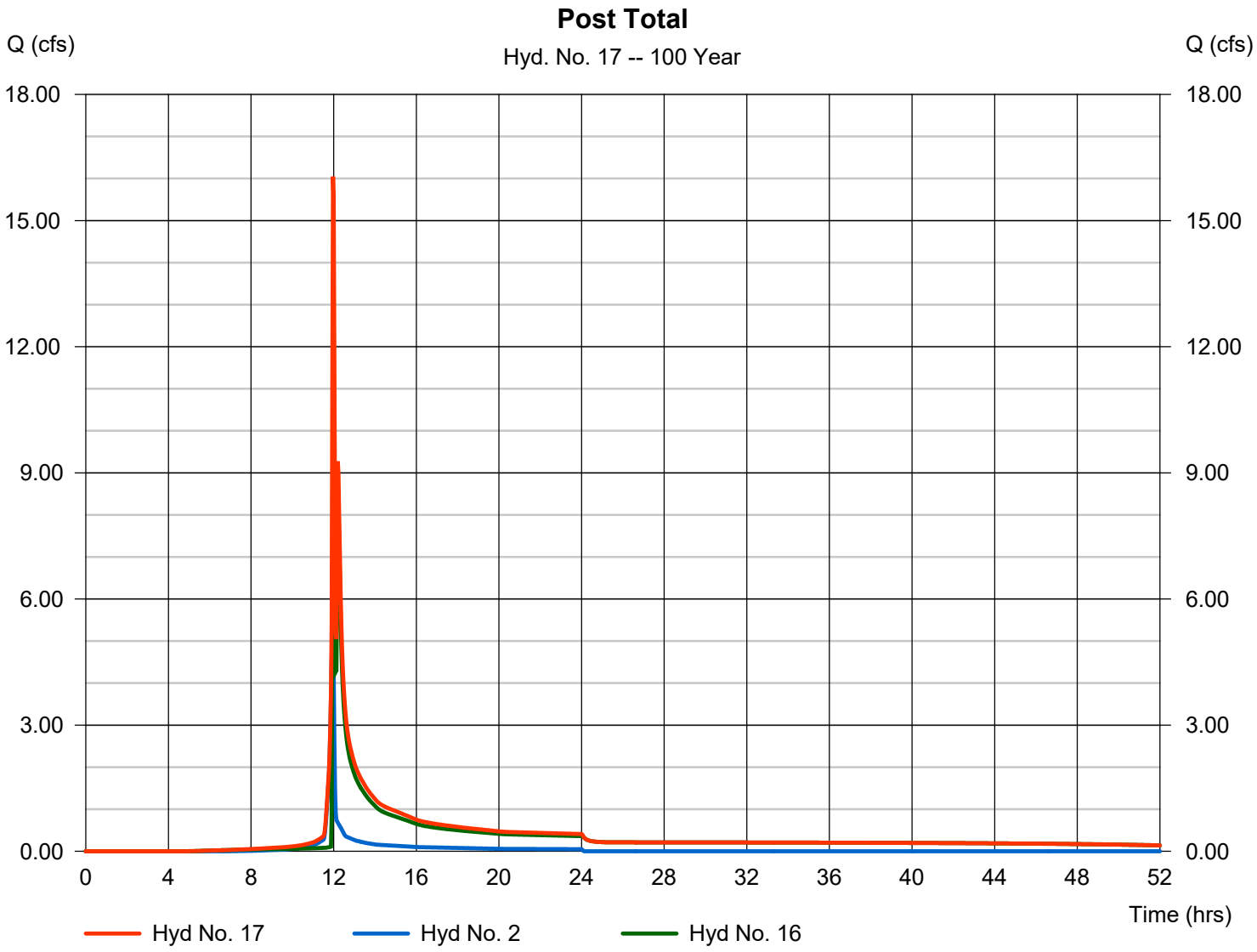
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 17

Post Total

Hydrograph type	=	Combine	Peak discharge	=	16.05 cfs
Storm frequency	=	100 yrs	Time to peak	=	11.97 hrs
Time interval	=	2 min	Hyd. volume	=	80,366 cuft
Inflow hyds.	=	2, 16	Contrib. drain. area	=	0.710 ac



CN CALCULATION

POST BYPASS POI #5

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.47	61
IMPERVIOUS	0.24	98

TOTAL 0.71

Hydrograph Report

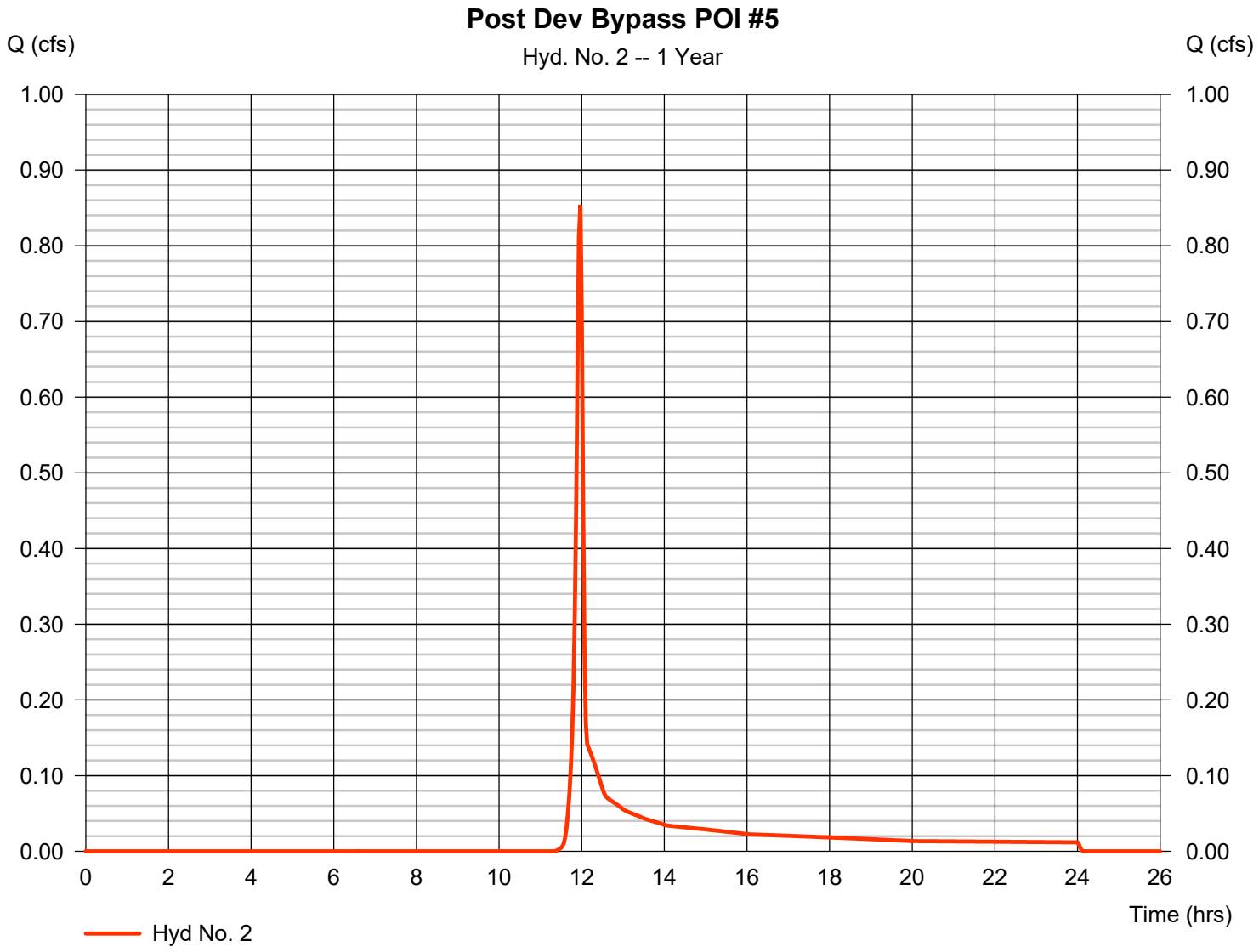
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 0.854 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 1,735 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

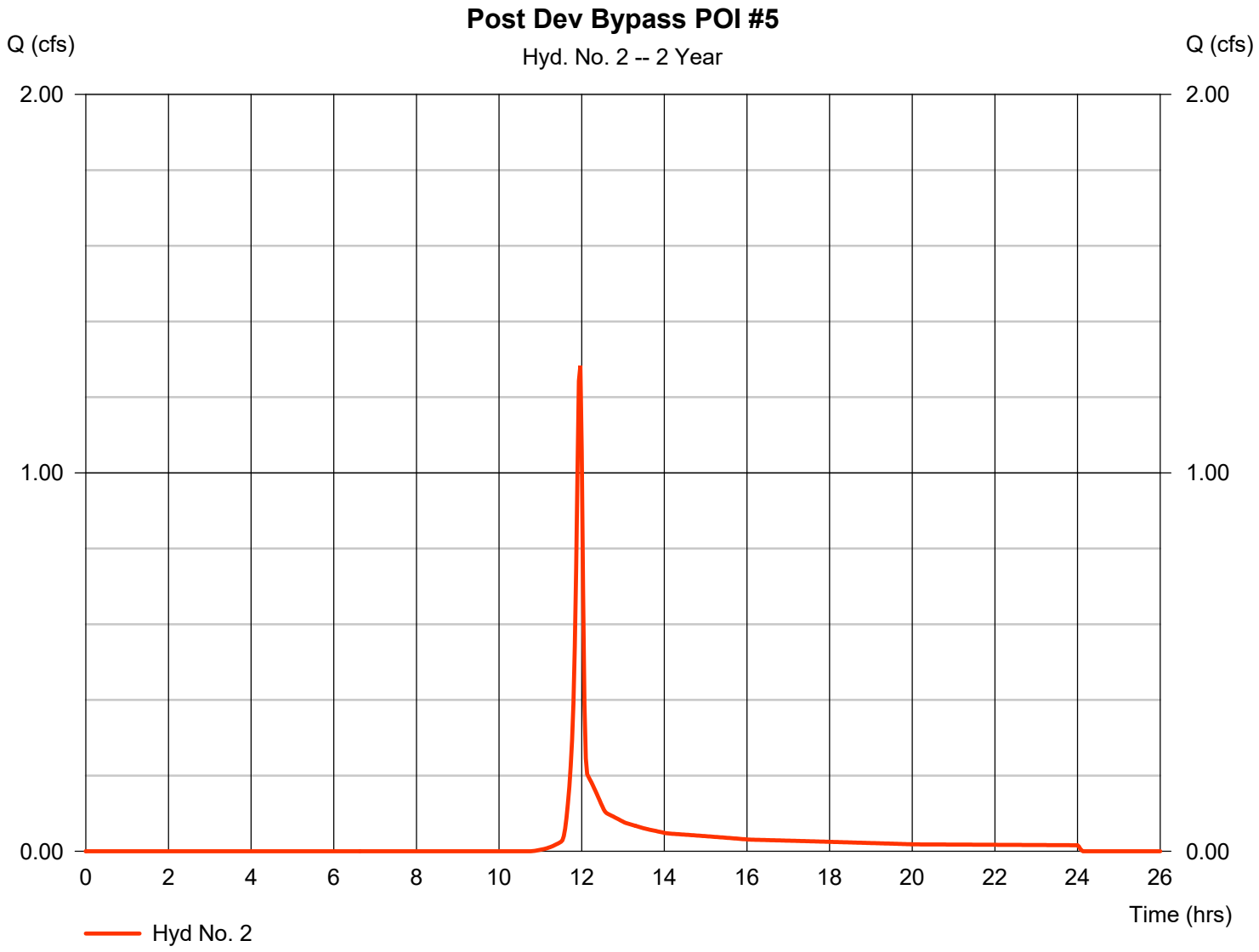
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 1.283 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 2,571 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

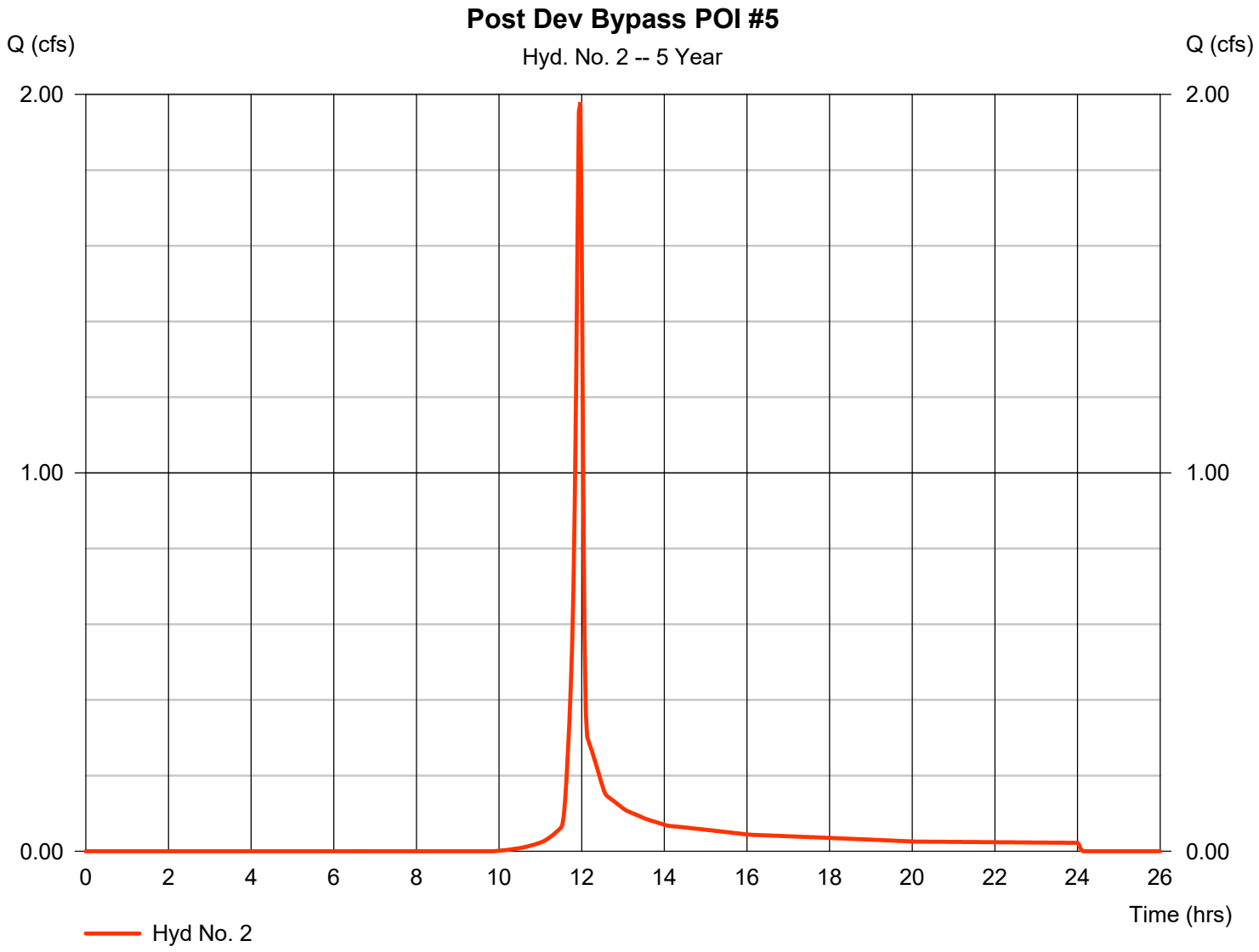
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 1.980 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 3,964 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

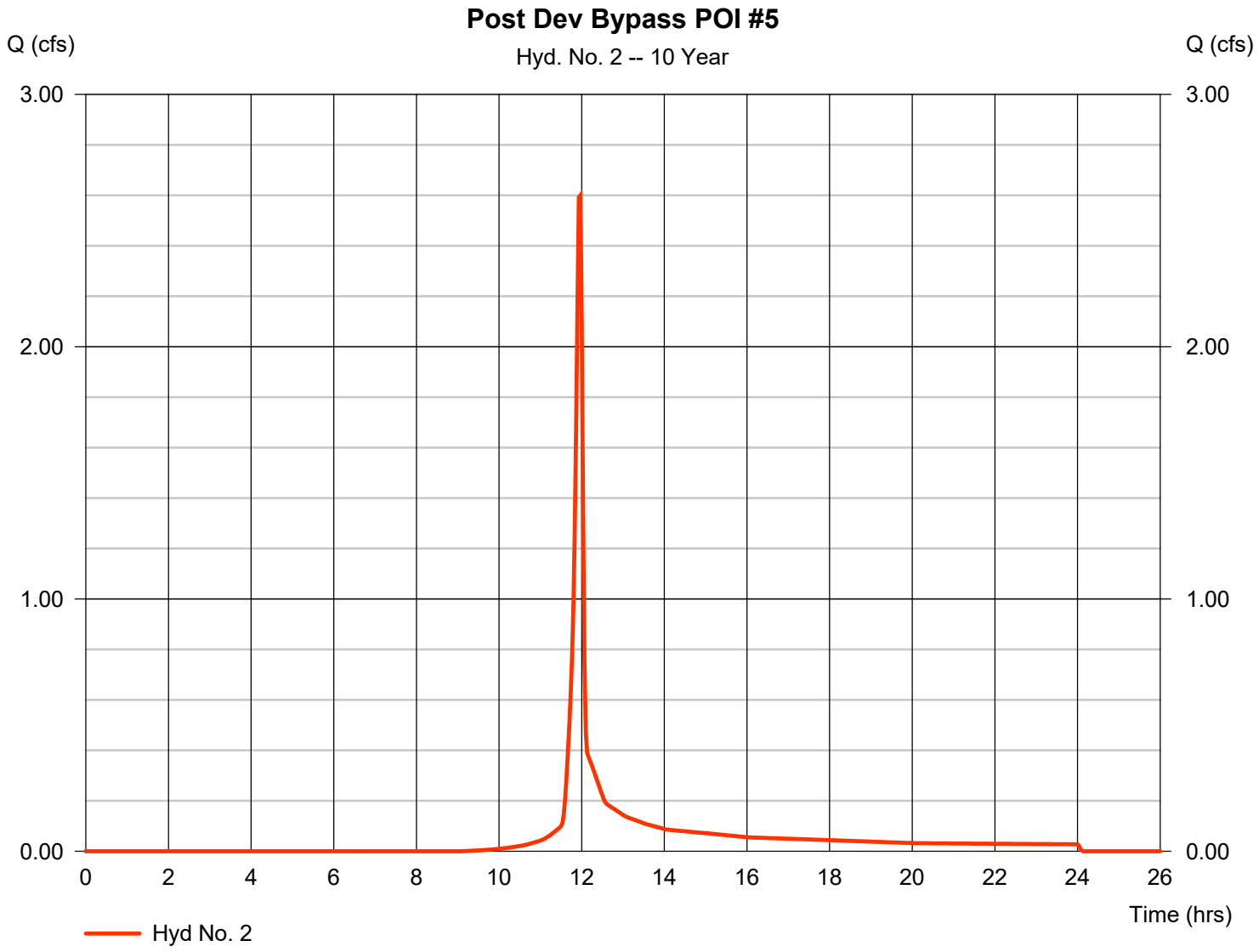
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 2.600 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 5,235 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

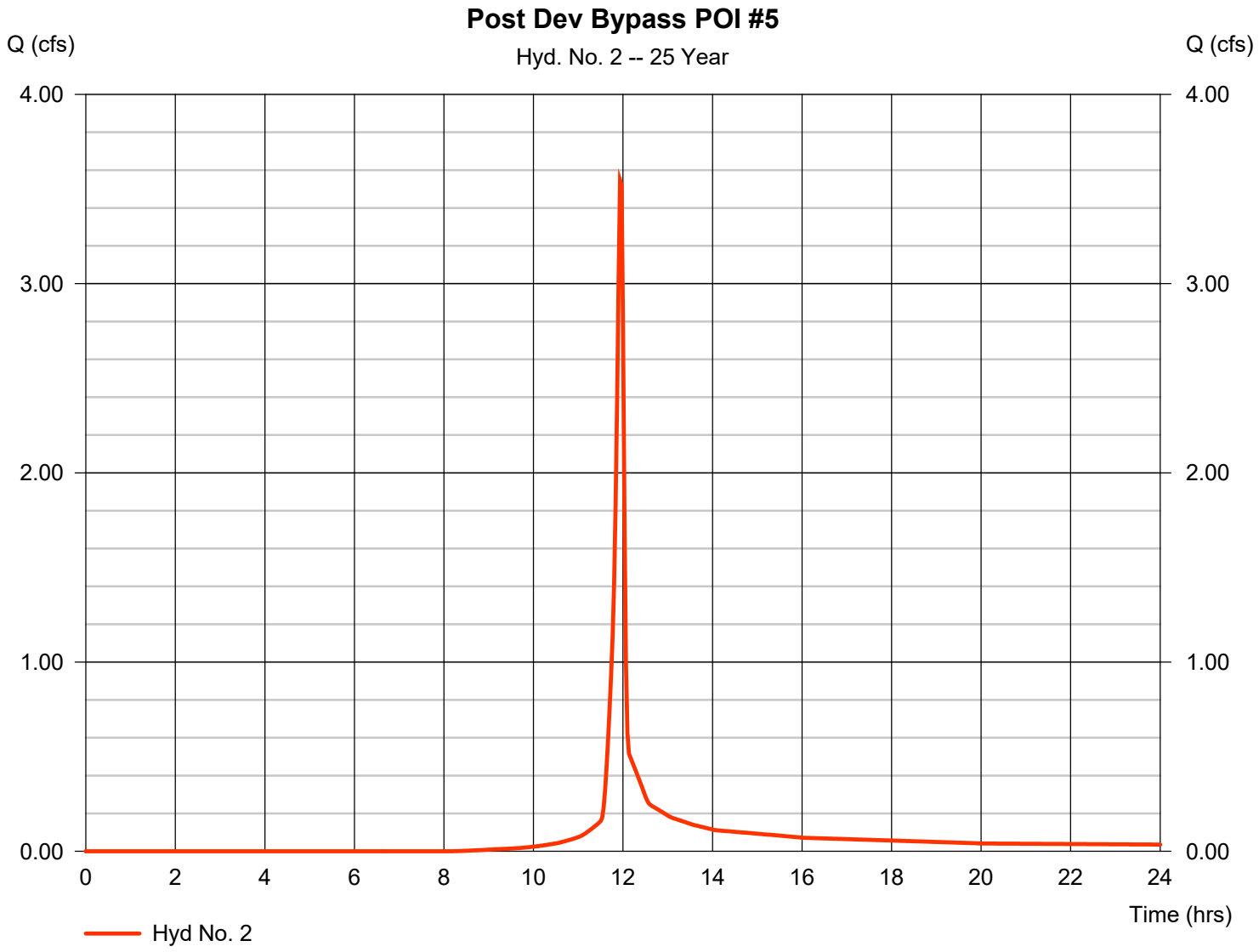
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 3.547 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 7,170 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

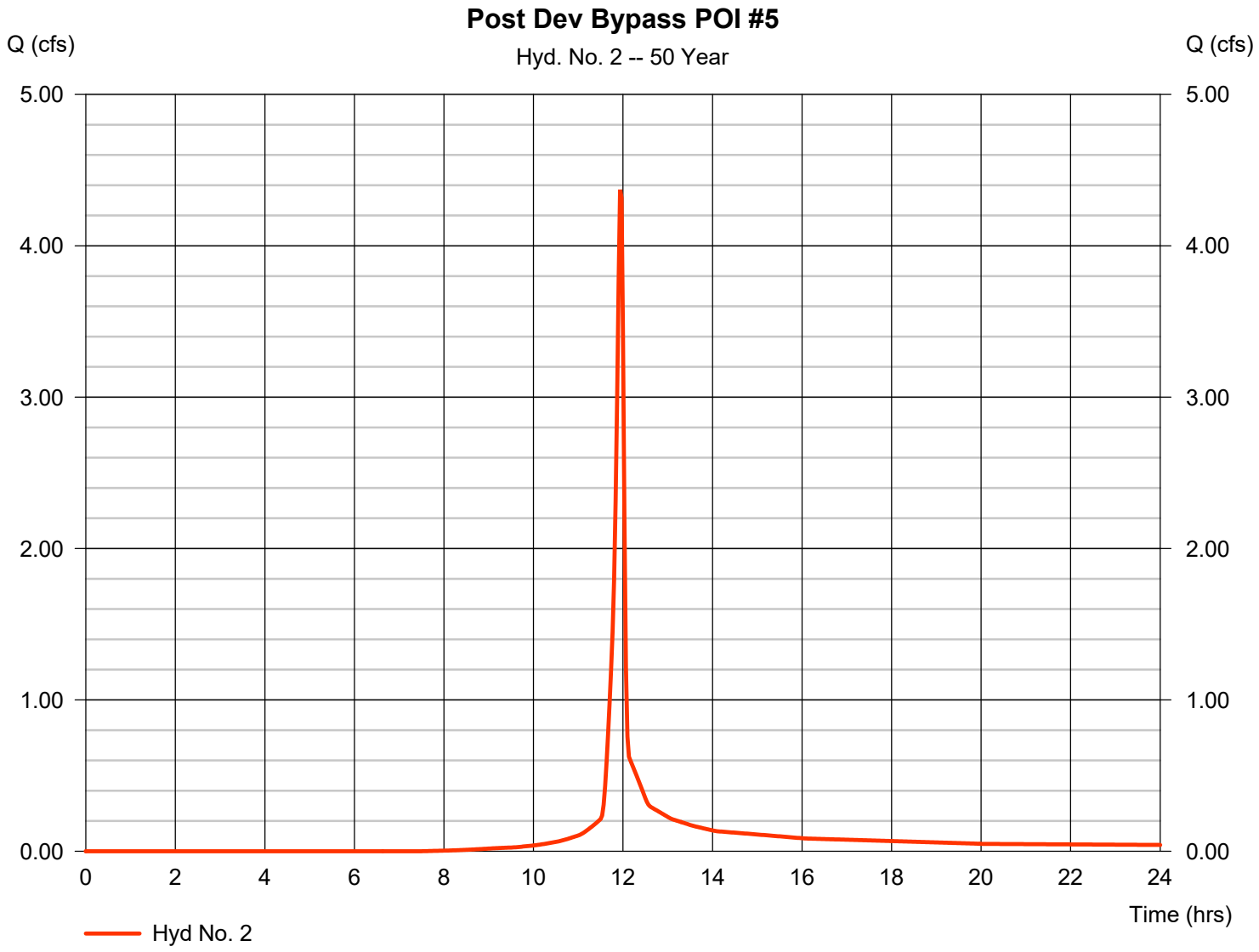
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 4.370 cfs
Storm frequency	= 50 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 8,867 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



Hydrograph Report

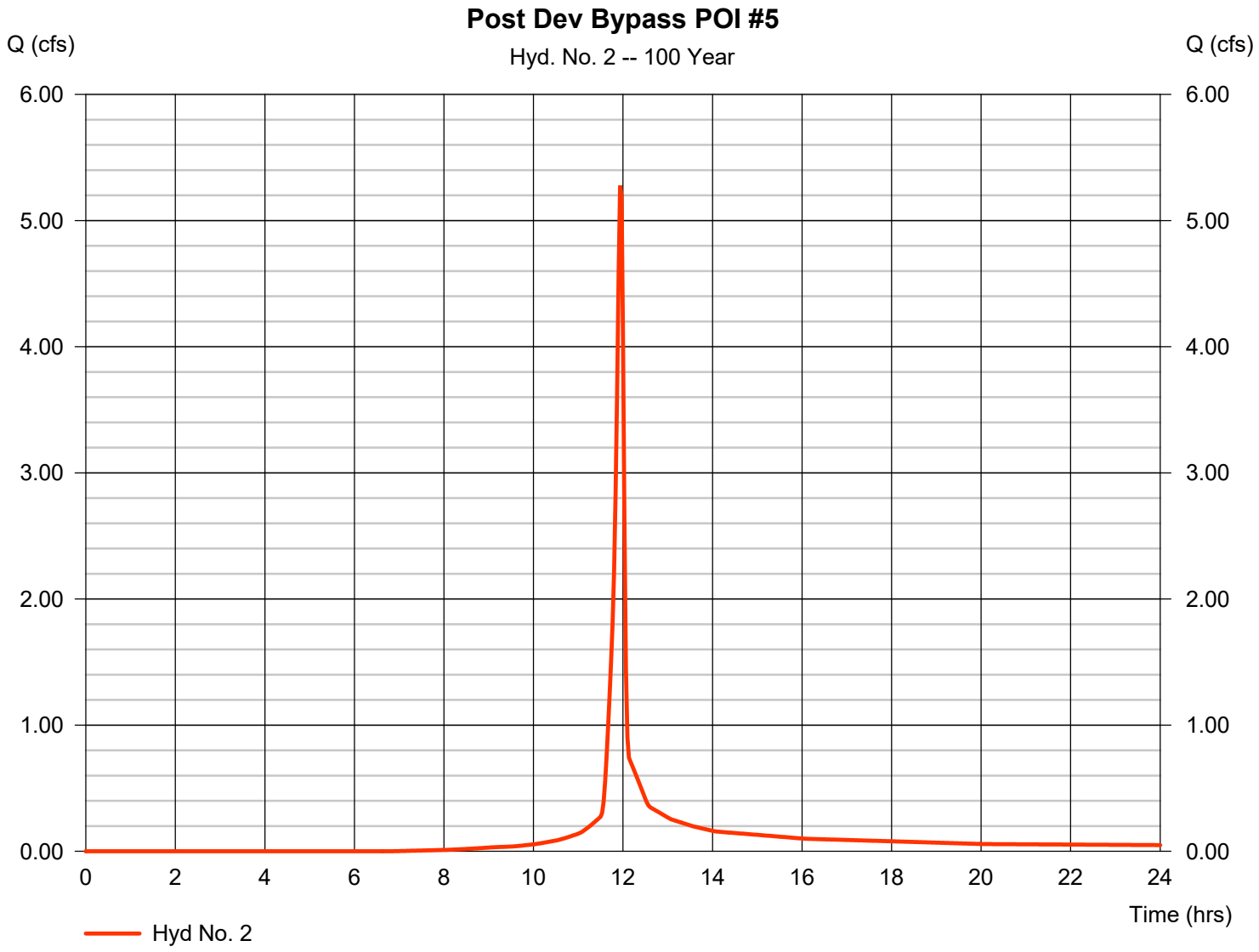
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 2

Post Dev Bypass POI #5

Hydrograph type	= SCS Runoff	Peak discharge	= 5.277 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 10,763 cuft
Drainage area	= 0.710 ac	Curve number	= 74*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.470 x 61) + (0.240 x 98)] / 0.710



CN CALCULATION

SSDEDB #21

GROUND COVER	AREA (ACRES)	CN
WOODS	0.99	55
LAWNS	0.27	61
IMPERVIOUS	0.47	98

TOTAL 1.73

TR55 Tc Worksheet

Hyd. No. 3

SSDEDB #21 In

Description	A		B		C		Totals
Sheet Flow							
Manning's n-value	= 0.400		0.240		0.240		
Flow length (ft)	= 117.0		13.0		0.0		
Two-year 24-hr precip. (in)	= 3.24		3.24		0.00		
Land slope (%)	= 23.00		20.00		0.00		
Travel Time (min)	**= 9.11**	**+**	**1.10**	**+**	**0.00**	**=**	**10.21**
Shallow Concentrated Flow							
Flow length (ft)	= 111.00		33.00		42.00		
Watercourse slope (%)	= 2.00		7.60		4.00		
Surface description	= Unpaved		Unpaved		Paved		
Average velocity (ft/s)	=2.28		4.45		4.07		
Travel Time (min)	**= 0.81**	**+**	**0.12**	**+**	**0.17**	**=**	**1.11**
Channel Flow							
X sectional flow area (sqft)	= 0.00		0.00		0.00		
Wetted perimeter (ft)	= 0.00		0.00		0.00		
Channel slope (%)	= 0.00		0.00		0.00		
Manning's n-value	= 0.015		0.015		0.015		
Velocity (ft/s)	=0.00						
			0.00				
					0.00		
Flow length (ft)	({0})0.0		0.0		0.0		
Travel Time (min)	**= 0.00**	**+**	**0.00**	**+**	**0.00**	**=**	**0.00**

Total Travel Time, Tc ..... 11.30 min

Hydrograph Report

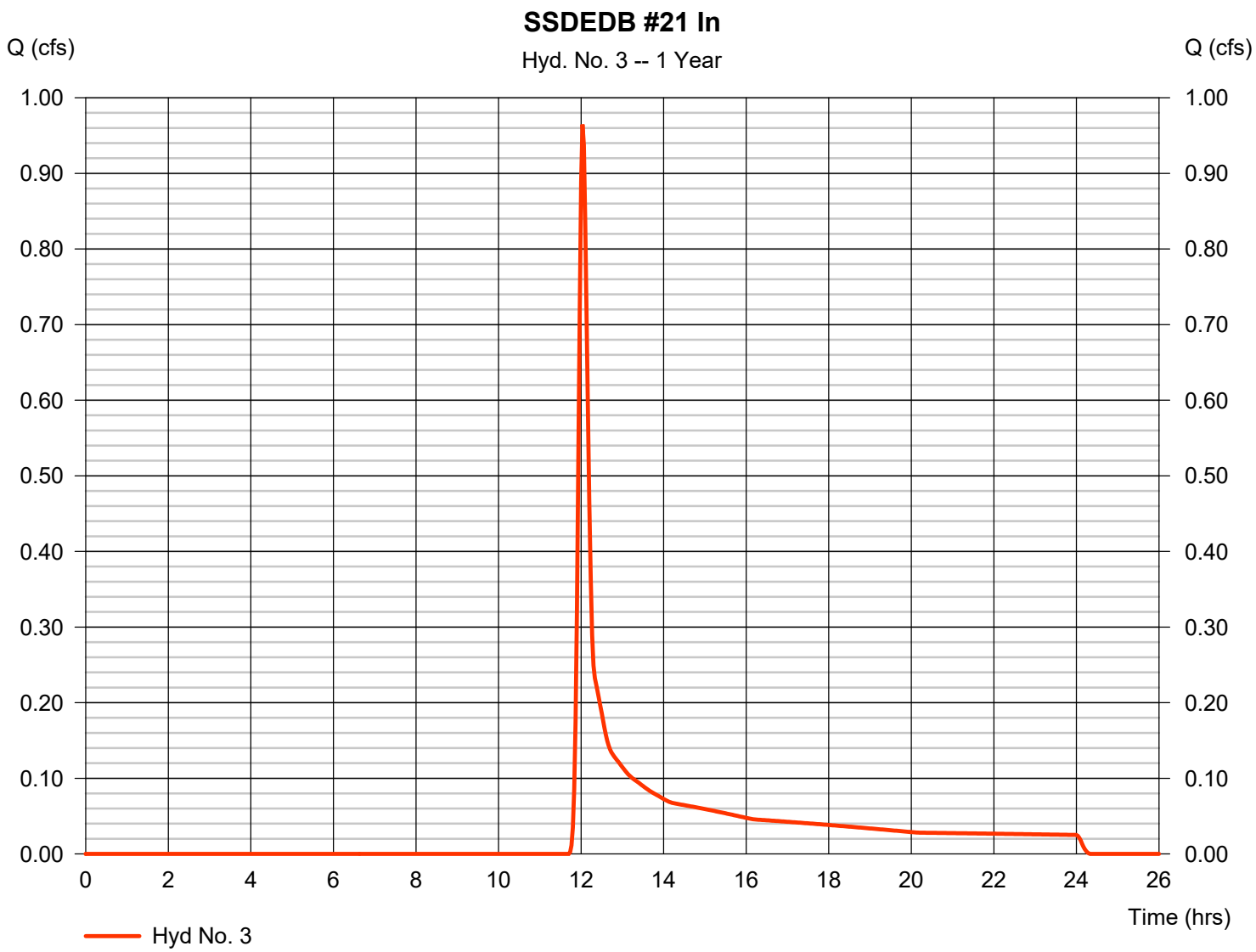
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.965 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 3,068 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

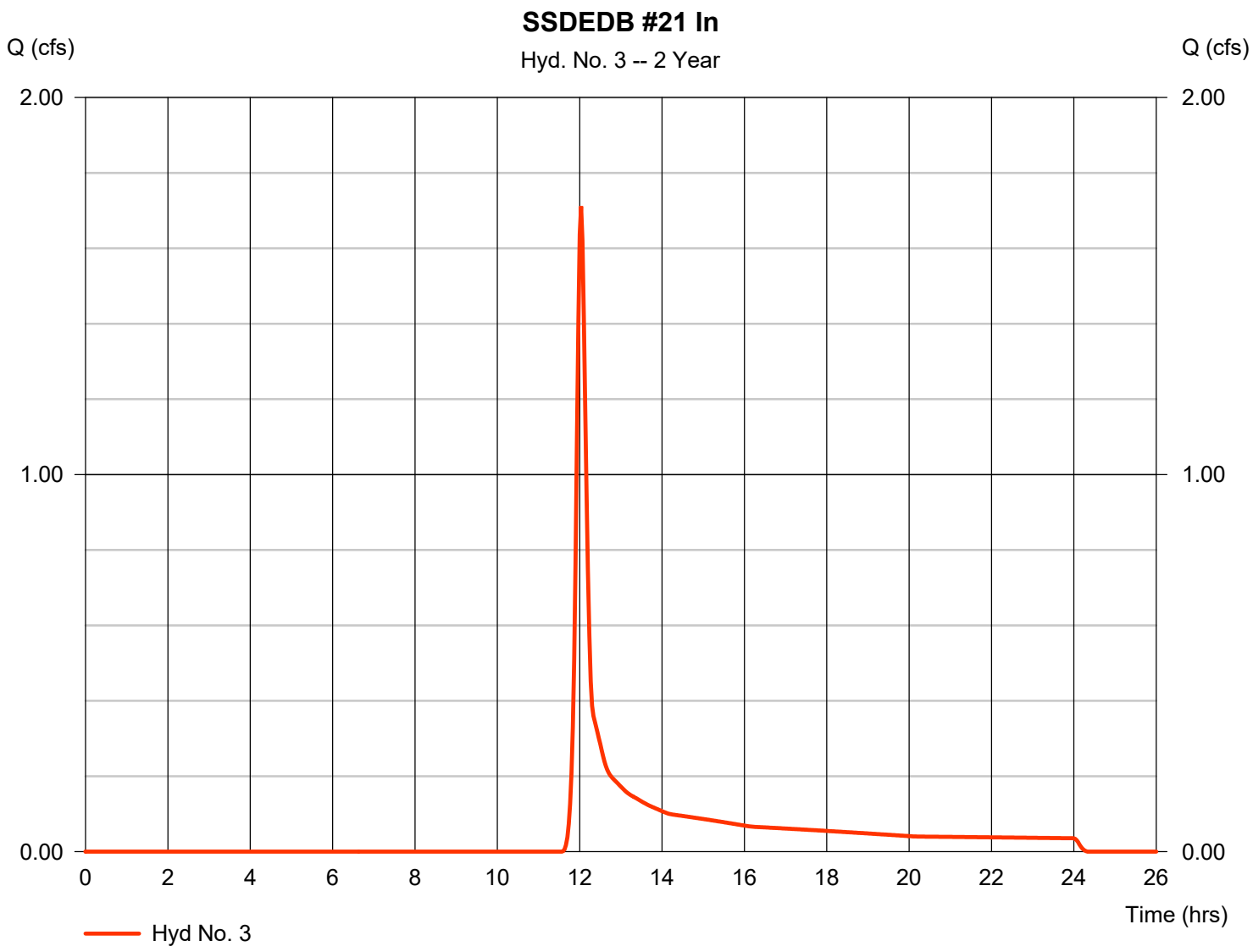
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.712 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 4,886 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

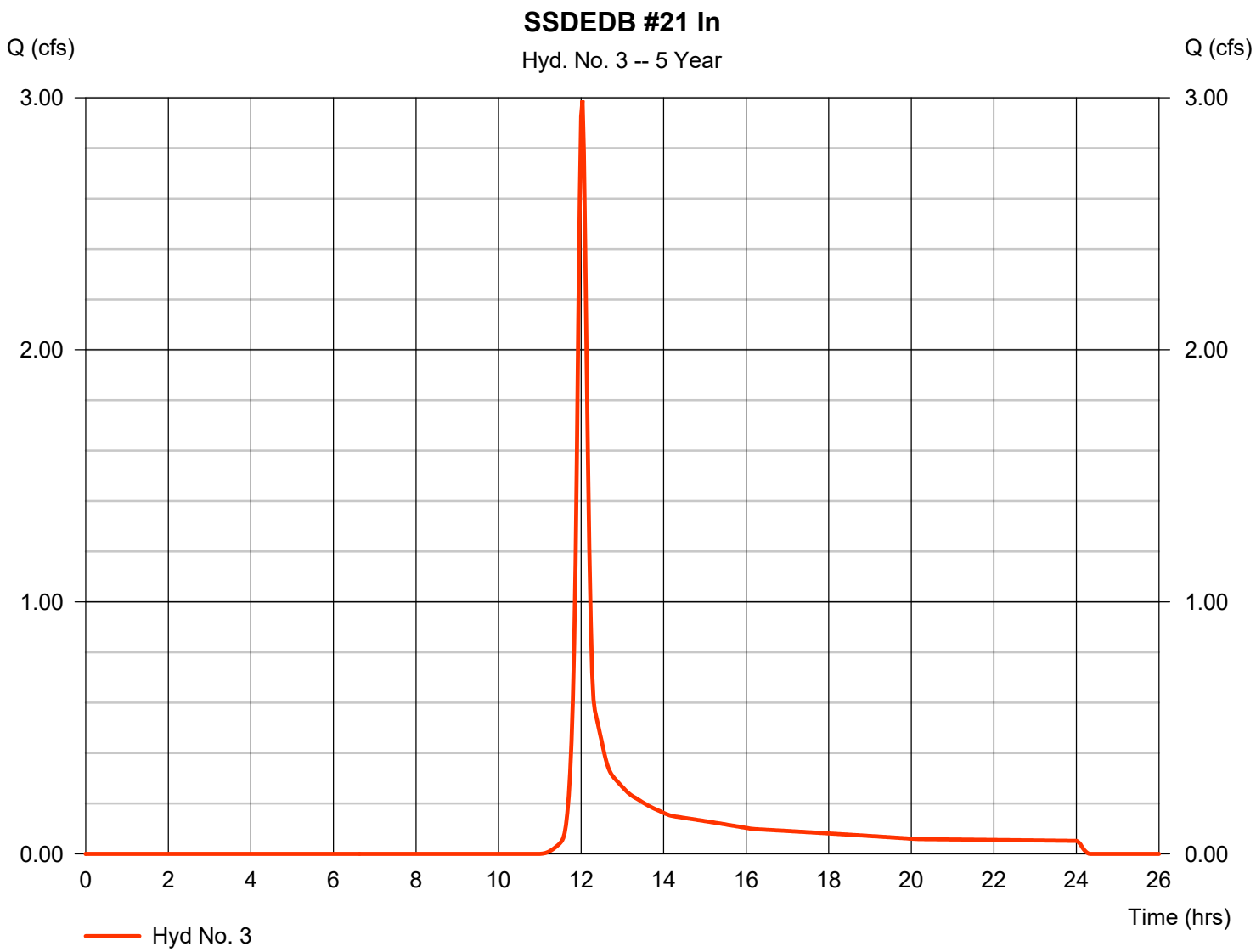
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.988 cfs
Storm frequency	= 5 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 8,051 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

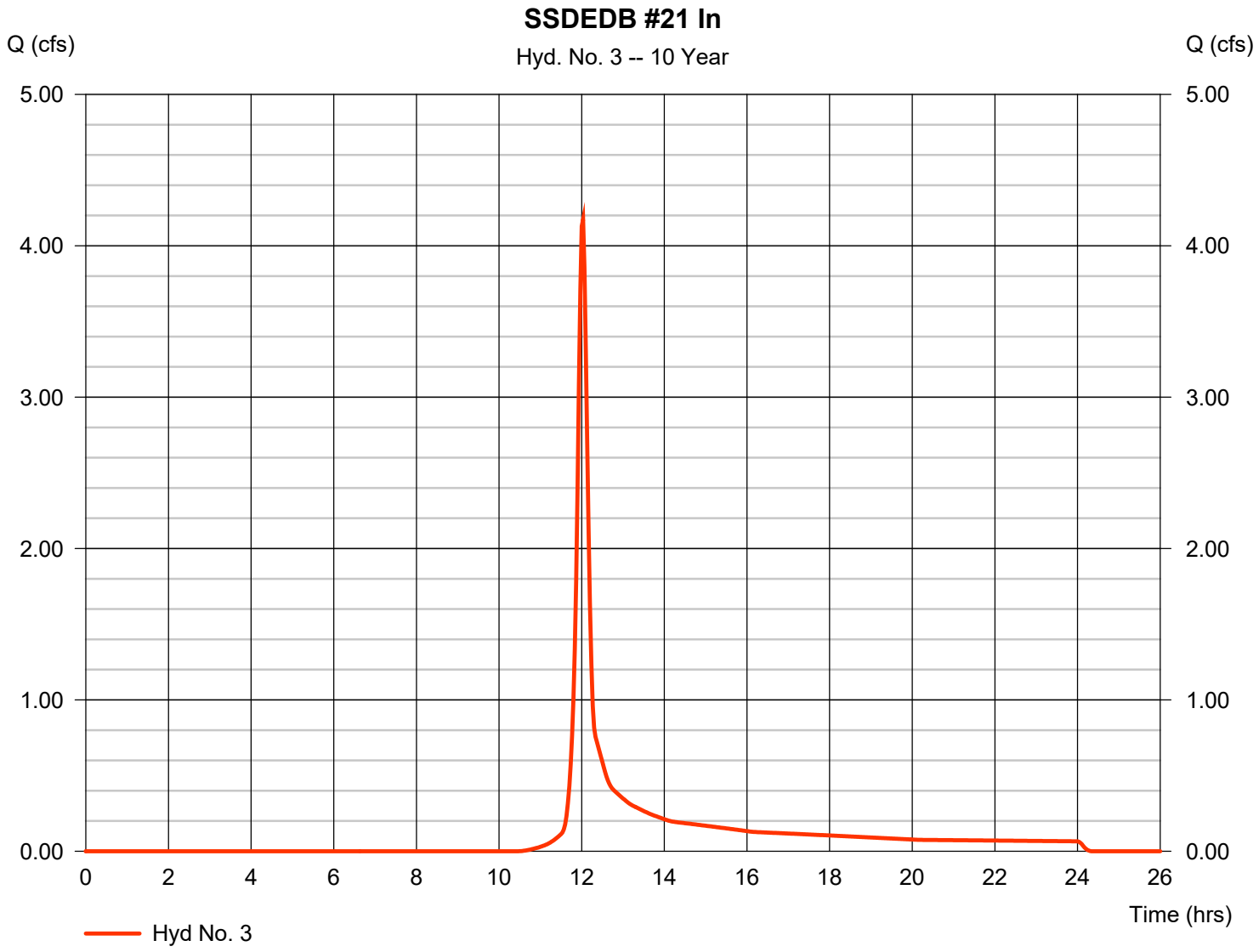
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.173 cfs
Storm frequency	= 10 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 11,034 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

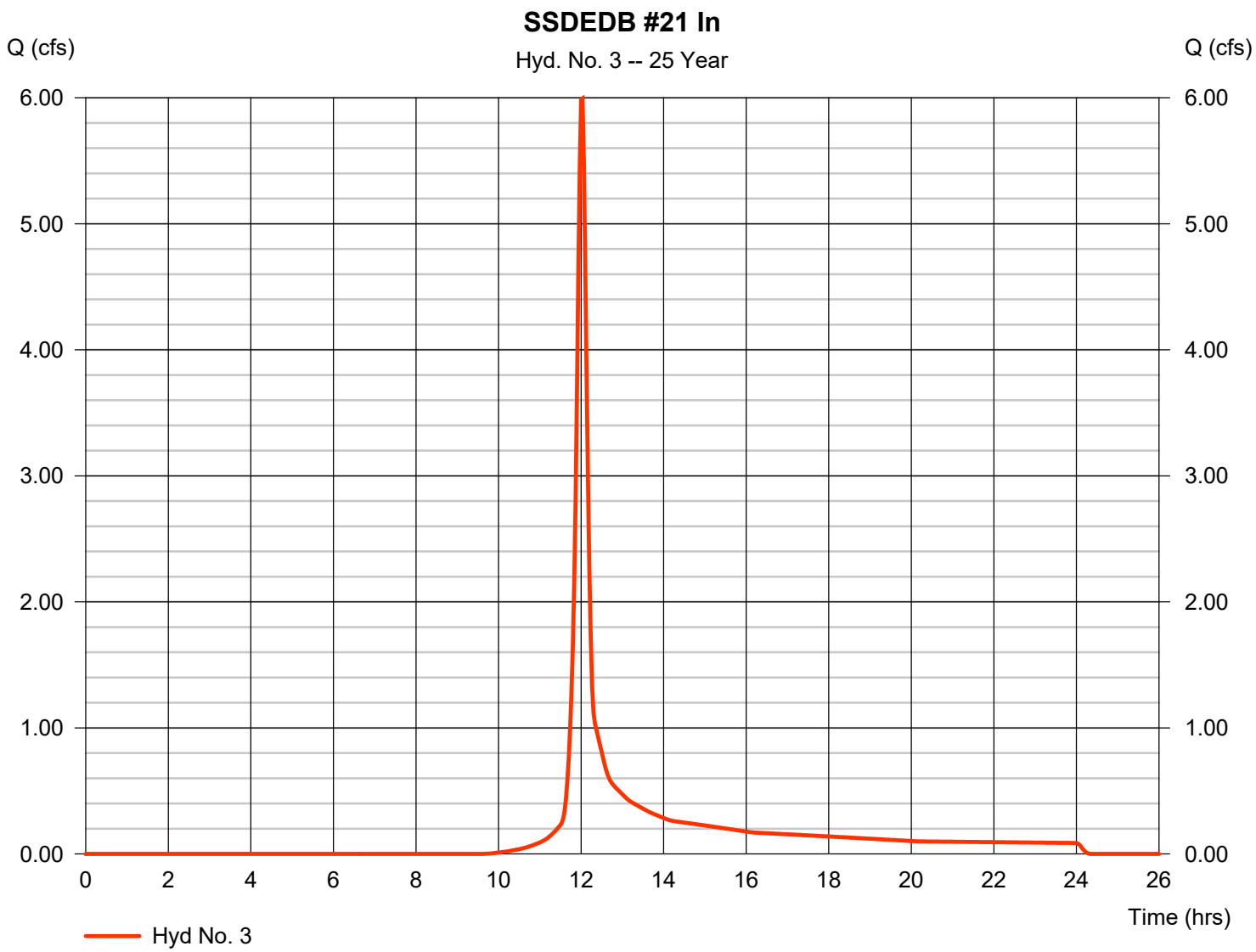
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.994 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 15,691 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

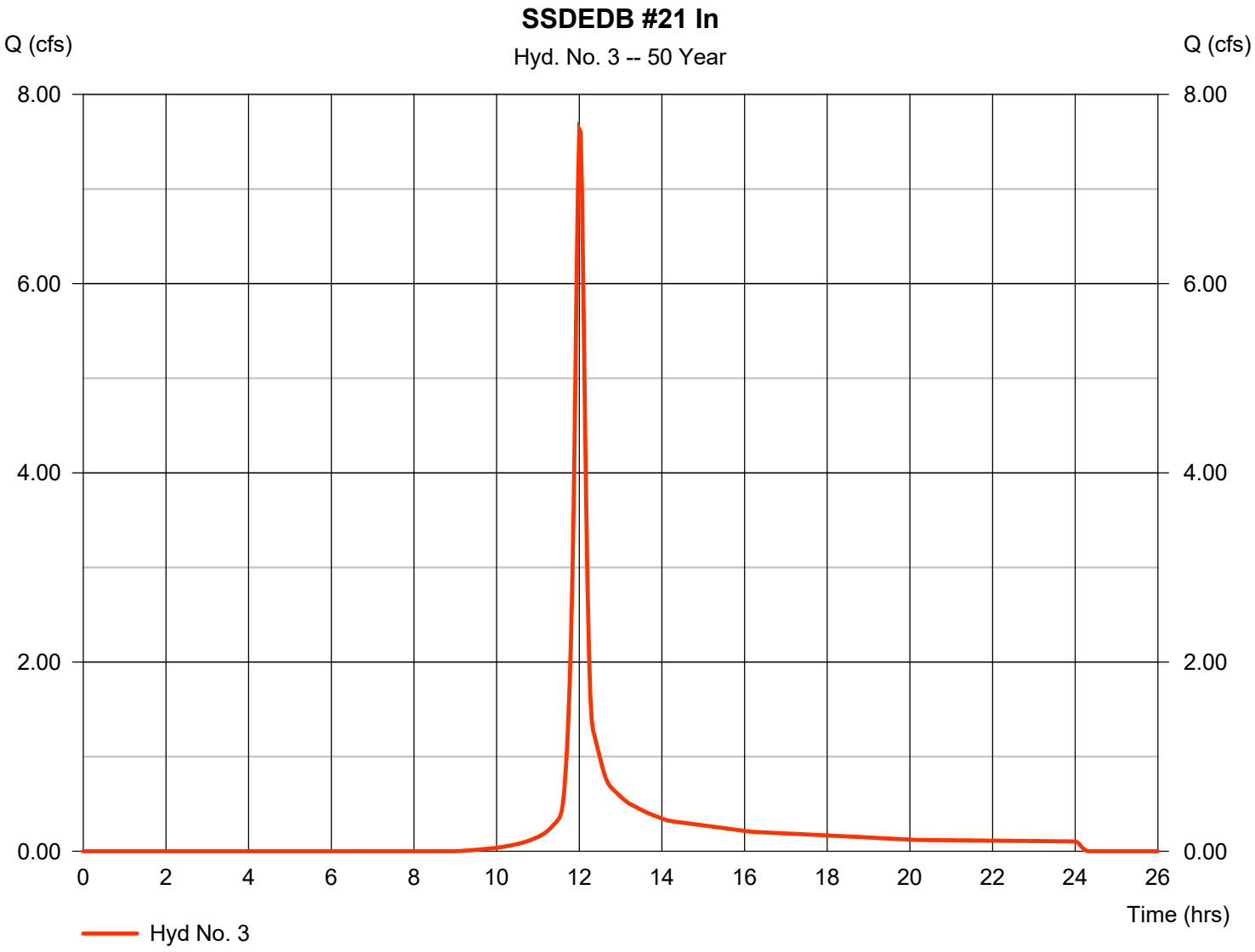
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 7.631 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 19,854 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



Hydrograph Report

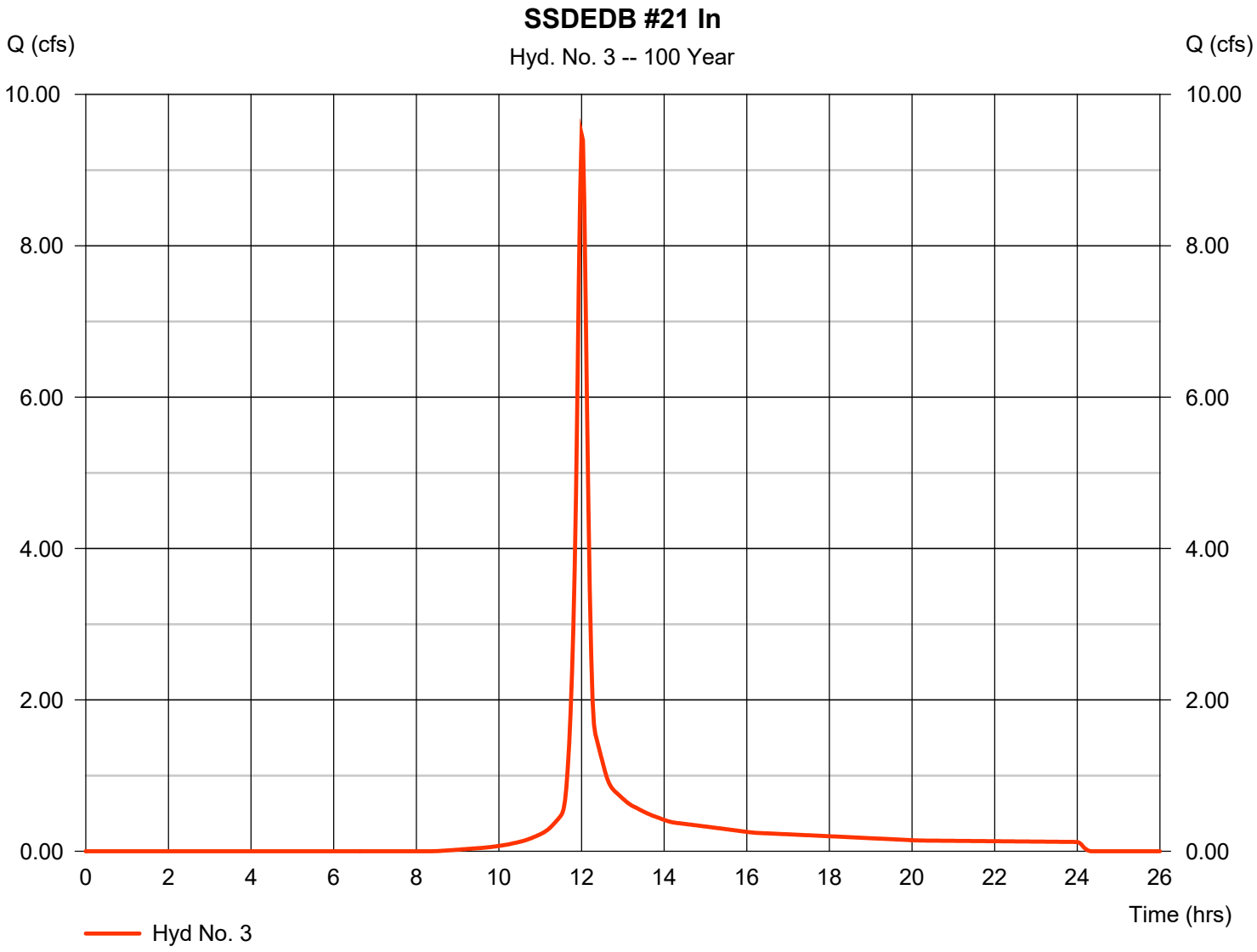
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 3

SSDEDB #21 In

Hydrograph type	= SCS Runoff	Peak discharge	= 9.474 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 24,571 cuft
Drainage area	= 1.730 ac	Curve number	= 68*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= TR55	Time of conc. (Tc)	= 11.30 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.990 x 55) + (0.270 x 61) + (0.470 x 98)] / 1.730



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #21

		Volume for One Chamber			# of Chambers 45	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	471.0000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	471.0833	1.71	0.00	1.71	76.95	0.56	0.00	0.56	3.36	80.31
2	471.1667	1.71	0.00	3.42	153.90	0.58	0.00	1.14	6.84	160.74
3	471.2500	1.72	0.00	5.14	231.30	0.57	0.00	1.71	10.26	241.56
4	471.3333	1.71	0.00	6.85	308.25	0.57	0.00	2.28	13.68	321.93
5	471.4167	1.71	0.00	8.56	385.20	0.57	0.00	2.85	17.10	402.30
6	471.5000	1.71	0.00	10.27	462.15	0.57	0.00	3.42	20.52	482.67
7	471.5833	1.71	0.00	11.98	539.10	0.57	0.00	3.99	23.94	563.04
8	471.6667	1.72	0.00	13.70	616.50	0.56	0.00	4.55	27.30	643.80
9	471.7500	1.71	0.00	15.41	693.45	0.57	0.00	5.12	30.72	724.17
10	471.8333	0.30	3.51	19.22	864.90	0.32	0.63	6.07	36.42	901.32
11	471.9167	0.33	3.47	23.02	1035.90	0.32	0.63	7.02	42.12	1078.02
12	472.0000	0.33	3.46	26.81	1206.45	0.32	0.62	7.96	47.76	1254.21
13	472.0833	0.33	3.44	30.58	1376.10	0.33	0.61	8.90	53.40	1429.50
14	472.1667	0.35	3.41	34.34	1545.30	0.32	0.61	9.83	58.98	1604.28
15	472.2500	0.35	3.40	38.09	1714.05	0.33	0.60	10.76	64.56	1778.61
16	472.3333	0.38	3.36	41.83	1882.35	0.33	0.60	11.69	70.14	1952.49
17	472.4167	0.36	3.35	45.54	2049.30	0.34	0.58	12.61	75.66	2124.96
18	472.5000	0.39	3.32	49.25	2216.25	0.33	0.58	13.52	81.12	2297.37
19	472.5833	0.39	3.29	52.93	2381.85	0.34	0.57	14.43	86.58	2468.43
20	472.6667	0.41	3.26	56.60	2547.00	0.35	0.56	15.34	92.04	2639.04
21	472.7500	0.42	3.23	60.25	2711.25	0.36	0.54	16.24	97.44	2808.69
22	472.8333	0.43	3.20	63.88	2874.60	0.35	0.54	17.13	102.78	2977.38
23	472.9167	0.46	3.16	67.50	3037.50	0.36	0.52	18.01	108.06	3145.56
24	473.0000	0.46	3.13	71.09	3199.05	0.36	0.51	18.88	113.28	3312.33
25	473.0833	0.46	3.10	74.65	3359.25	0.38	0.49	19.75	118.50	3477.75
26	473.1667	0.50	3.05	78.20	3519.00	0.38	0.48	20.61	123.66	3642.66
27	473.2500	0.51	3.01	81.72	3677.40	0.38	0.46	21.45	128.70	3806.10
28	473.3333	0.52	2.97	85.21	3834.45	0.39	0.45	22.29	133.74	3968.19
29	473.4167	0.54	2.93	88.68	3990.60	0.40	0.43	23.12	138.72	4129.32
30	473.5000	0.57	2.87	92.12	4145.40	0.40	0.41	23.93	143.58	4288.98
31	473.5833	0.57	2.83	95.52	4298.40	0.42	0.39	24.74	148.44	4446.84
32	473.6667	0.61	2.77	98.90	4450.50	0.42	0.37	25.53	153.18	4603.68
33	473.7500	0.62	2.72	102.24	4600.80	0.42	0.35	26.30	157.80	4758.60
34	473.8333	0.65	2.65	105.54	4749.30	0.45	0.33	27.08	162.48	4911.78
35	473.9167	0.67	2.60	108.81	4896.45	0.44	0.32	27.84	167.04	5063.49
36	474.0000	0.71	2.52	112.04	5041.80	0.45	0.29	28.58	171.48	5213.28
37	474.0833	0.73	2.46	115.23	5185.35	0.46	0.27	29.31	175.86	5361.21
38	474.1667	0.75	2.39	118.37	5326.65	0.46	0.26	30.03	180.18	5506.83
39	474.2500	0.80	2.30	121.47	5466.15	0.48	0.24	30.75	184.50	5650.65
40	474.3333	0.81	2.23	124.51	5602.95	0.49	0.21	31.45	188.70	5791.65
41	474.4167	0.87	2.13	127.51	5737.95	0.48	0.20	32.13	192.78	5930.73
42	474.5000	0.89	2.04	130.44	5869.80	0.50	0.18	32.81	196.86	6066.66
43	474.5833	0.94	1.94	133.32	5999.40	0.51	0.16	33.48	200.88	6200.28
44	474.6667	0.98	1.83	136.13	6125.85	0.51	0.14	34.13	204.78	6330.63
45	474.7500	1.02	1.71	138.86	6248.70	0.52	0.12	34.77	208.62	6457.32
46	474.8333	1.09	1.57	141.52	6368.40	0.53	0.10	35.40	212.40	6580.80
47	474.9167	1.15	1.42	144.09	6484.05	0.53	0.09	36.02	216.12	6700.17
48	475.0000	1.21	1.25	146.55	6594.75	0.55	0.07	36.64	219.84	6814.59
49	475.0833	1.30	1.03	148.88	6699.60	0.55	0.05	37.24	223.44	6923.04
50	475.1667	1.43	0.69	151.00	6795.00	0.55	0.04	37.83	226.98	7021.98
51	475.2500	1.55	0.40	152.95	6882.75	0.56	0.02	38.41	230.46	7113.21
52	475.3333	1.60	0.29	154.84	6967.80	0.57	0.01	38.99	233.94	7201.74
53	475.4167	1.63	0.20	156.67	7050.15	0.56	0.01	39.56	237.36	7287.51
54	475.5000	1.69	0.06	158.42	7128.90	0.57	0.00	40.13	240.78	7369.68
55	475.5833	1.71	0.00	160.13	7205.85	0.57	0.00	40.70	244.20	7450.05
56	475.6667	1.71	0.00	161.84	7282.80	0.57	0.00	41.27	247.62	7530.42
57	475.7500	1.71	0.00	163.55	7359.75	0.57	0.00	41.84	251.04	7610.79
58	475.8333	1.72	0.00	165.27	7437.15	0.57	0.00	42.41	254.46	7691.61
59	475.9167	1.71	0.00	166.98	7514.10	0.57	0.00	42.98	257.88	7771.98
60	476.0000	1.71	0.00	168.69	7591.05	0.56	0.00	43.54	261.24	7852.29
61	476.0833	1.71	0.00	170.40	7668.00	0.57	0.00	44.11	264.66	7932.66
62	476.1667	1.71	0.00	172.11	7744.95	0.57	0.00	44.68	268.08	8013.03
63	476.2500	1.72	0.00	173.83	7822.35	0.57	0.00	45.25	271.50	8093.85
64	476.3333	1.71	0.00	175.54	7899.30	0.57	0.00	45.82	274.92	8174.22
65	476.4167	1.71	0.00	177.25	7976.25	0.57	0.00	46.39	278.34	8254.59
66	476.5000	1.71	0.00	178.96	8053.20	0.57	0.00	46.96	281.76	8334.96

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 1 - SSDEDB #21

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	471.00	n/a	0	0
0.33	471.33	n/a	322	322
0.67	471.67	n/a	322	644
1.00	472.00	n/a	610	1,254
1.33	472.33	n/a	698	1,952
1.67	472.67	n/a	687	2,639
2.00	473.00	n/a	673	3,312
2.33	473.33	n/a	656	3,968
2.67	473.67	n/a	635	4,604
3.00	474.00	n/a	610	5,213
3.33	474.33	n/a	578	5,792
3.67	474.67	n/a	539	6,331
4.00	475.00	n/a	484	6,815
4.33	475.33	n/a	387	7,202
4.67	475.67	n/a	329	7,530
5.00	476.00	n/a	322	7,852
5.33	476.33	n/a	322	8,174
5.50	476.50	n/a	161	8,335

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	15.00	2.00	0.00	0.00
Span (in)	=	15.00	2.00	0.00	0.00
No. Barrels	=	1	1	0	0
Invert El. (ft)	=	471.00	471.00	0.00	0.00
Length (ft)	=	31.00	0.00	0.00	0.00
Slope (%)	=	3.28	0.00	0.00	n/a
N-Value	=	.012	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	2.00	Inactive	0.00	0.00
Crest El. (ft)	=	475.25	0.00	0.00	0.00
Weir Coeff.	=	3.33	3.33	3.33	3.33
Weir Type	=	Rect	Rect	---	---
Multi-Stage	=	Yes	No	No	No

Exfil.(in/hr)	=	0.000 (by Wet area)
TW Elev. (ft)	=	0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	471.00	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	322	471.33	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	644	471.67	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	1,254	472.00	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,952	472.33	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	2,639	472.67	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	3,312	473.00	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	3,968	473.33	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	4,604	473.67	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	5,213	474.00	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	5,792	474.33	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	6,331	474.67	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	6,815	475.00	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	7,202	475.33	0.37 ic	0.21 ic	---	---	0.16	---	---	---	---	---	0.370
4.67	7,530	475.67	2.02 ic	0.21 ic	---	---	1.79	---	---	---	---	---	1.998
5.00	7,852	476.00	4.53 ic	0.20 ic	---	---	4.32	---	---	---	---	---	4.526
5.33	8,174	476.33	7.69 ic	0.18 ic	---	---	7.50	---	---	---	---	---	7.686
5.50	8,335	476.50	9.47 ic	0.16 ic	---	---	9.31	---	---	---	---	---	9.467

Hydrograph Report

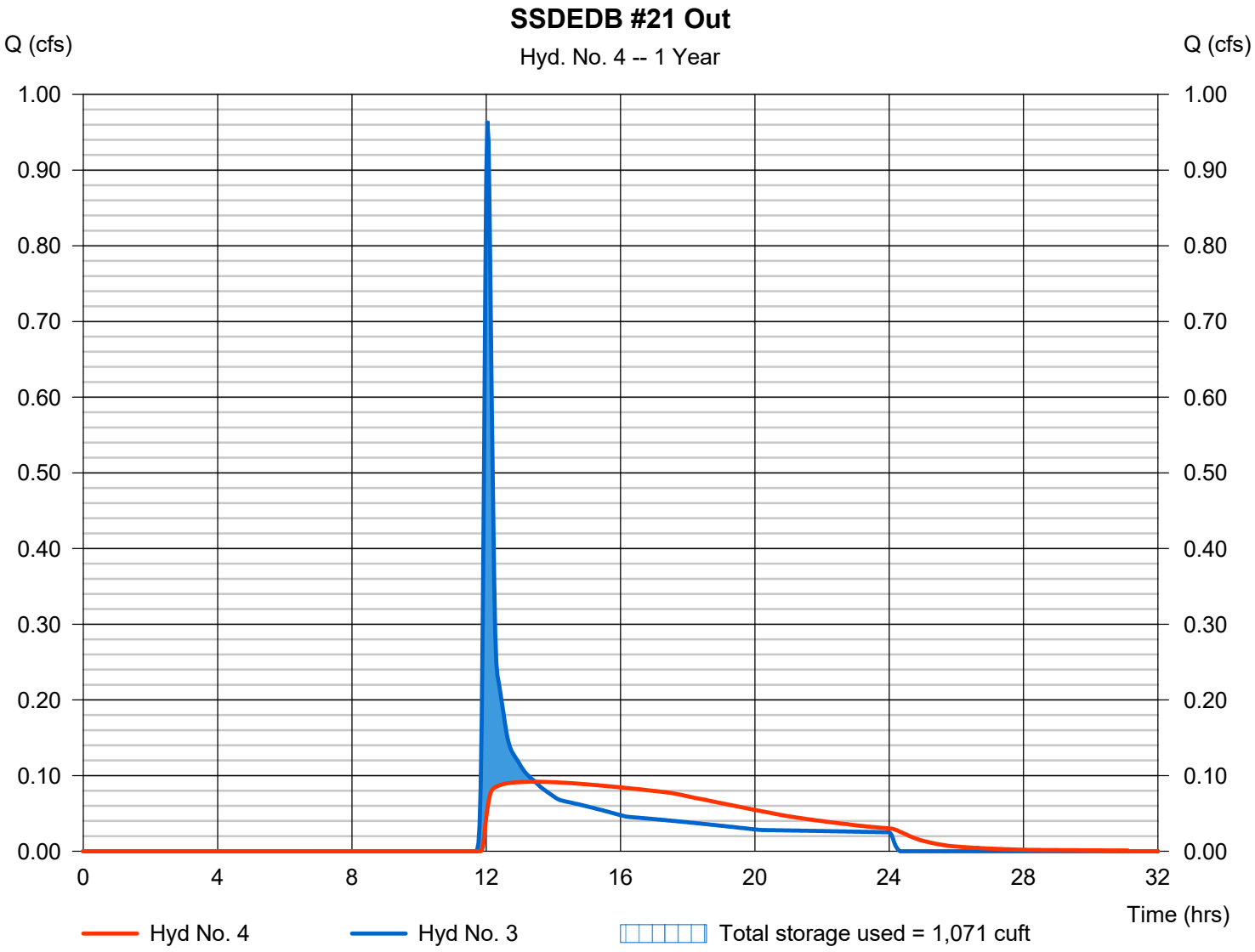
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.092 cfs
Storm frequency	= 1 yrs	Time to peak	= 13.47 hrs
Time interval	= 2 min	Hyd. volume	= 3,051 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 471.90 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 1,071 cuft

Storage Indication method used.



Hydrograph Report

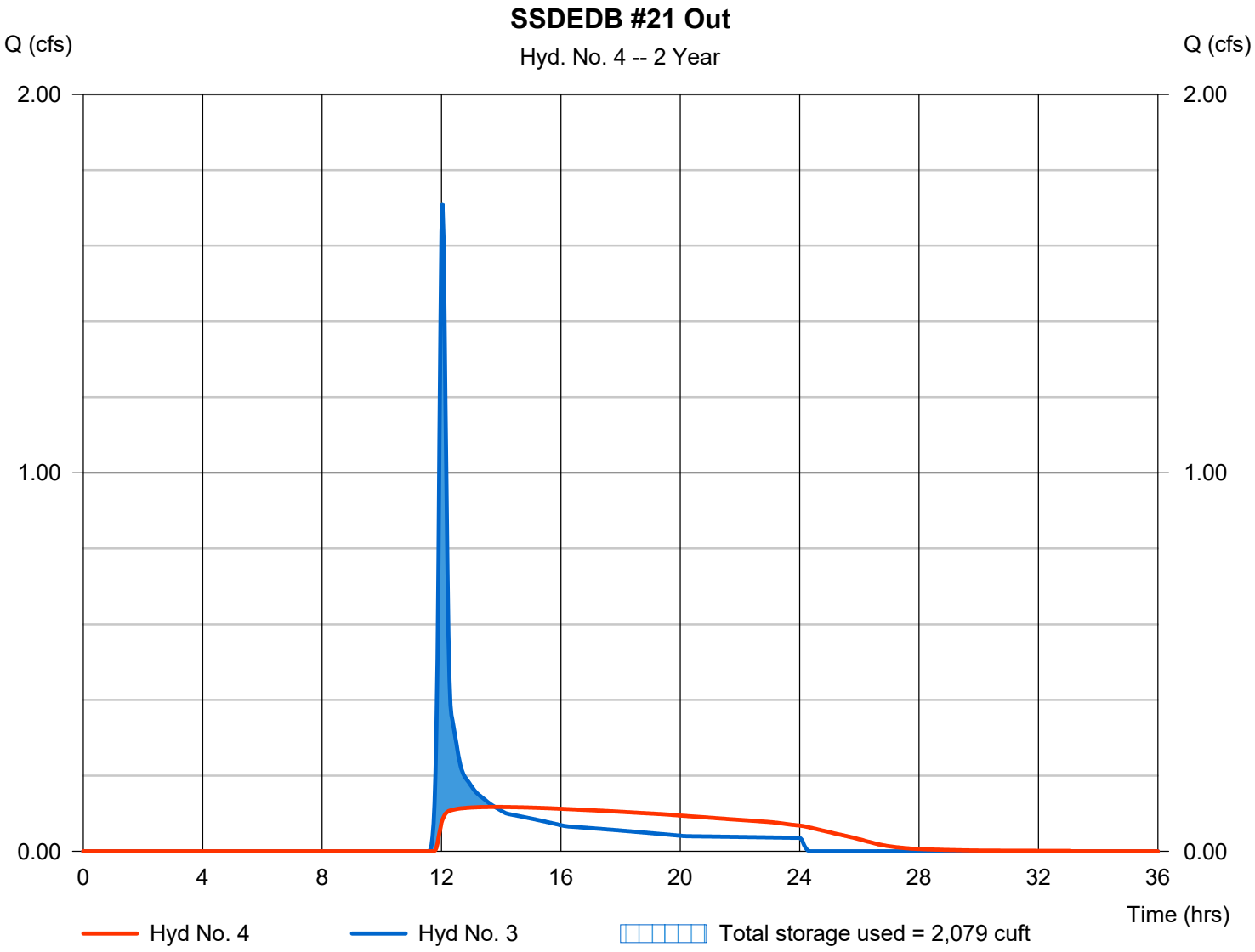
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.117 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.80 hrs
Time interval	= 2 min	Hyd. volume	= 4,868 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 472.39 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 2,079 cuft

Storage Indication method used.



Hydrograph Report

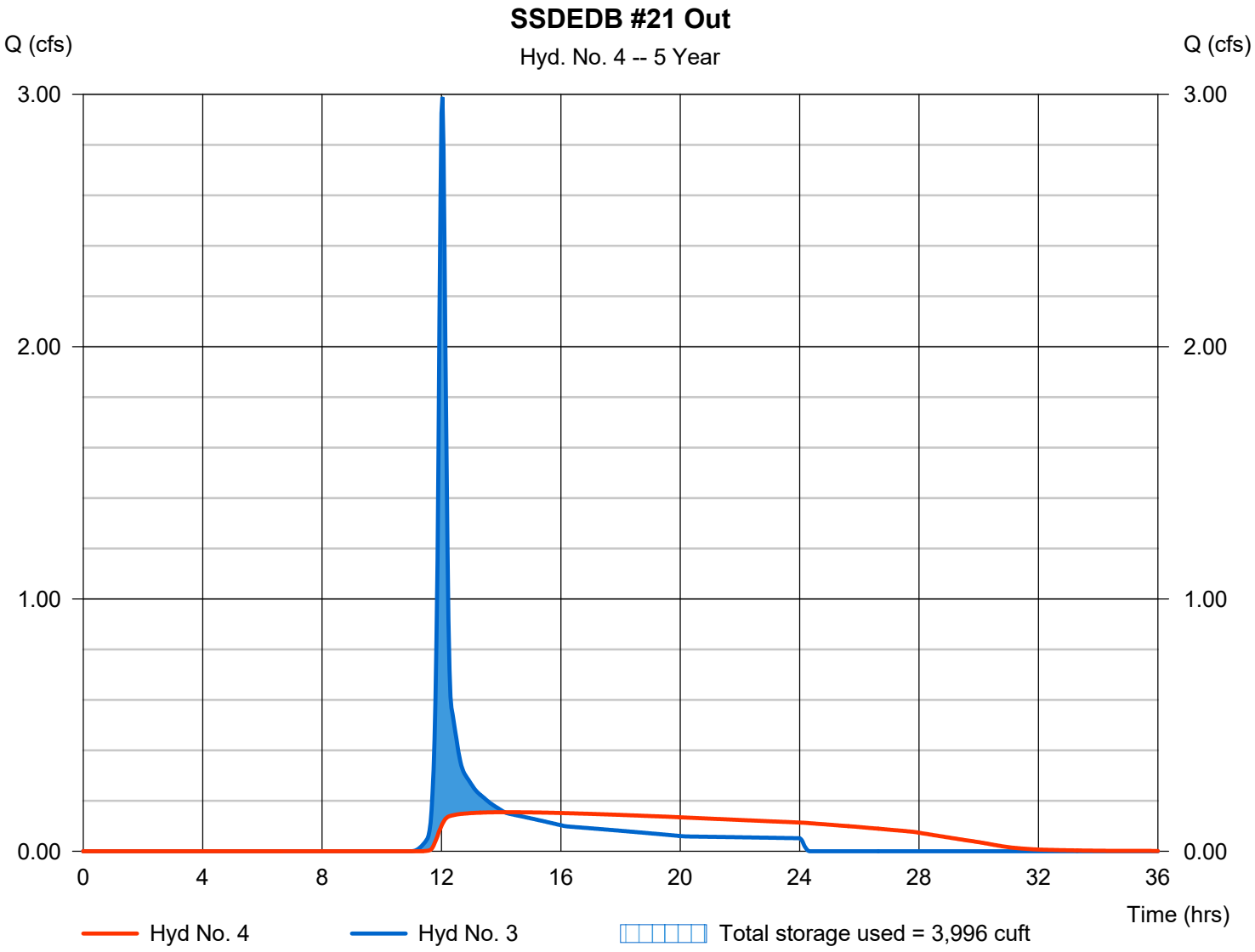
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.155 cfs
Storm frequency	= 5 yrs	Time to peak	= 14.10 hrs
Time interval	= 2 min	Hyd. volume	= 8,033 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 473.35 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 3,996 cuft

Storage Indication method used.



Hydrograph Report

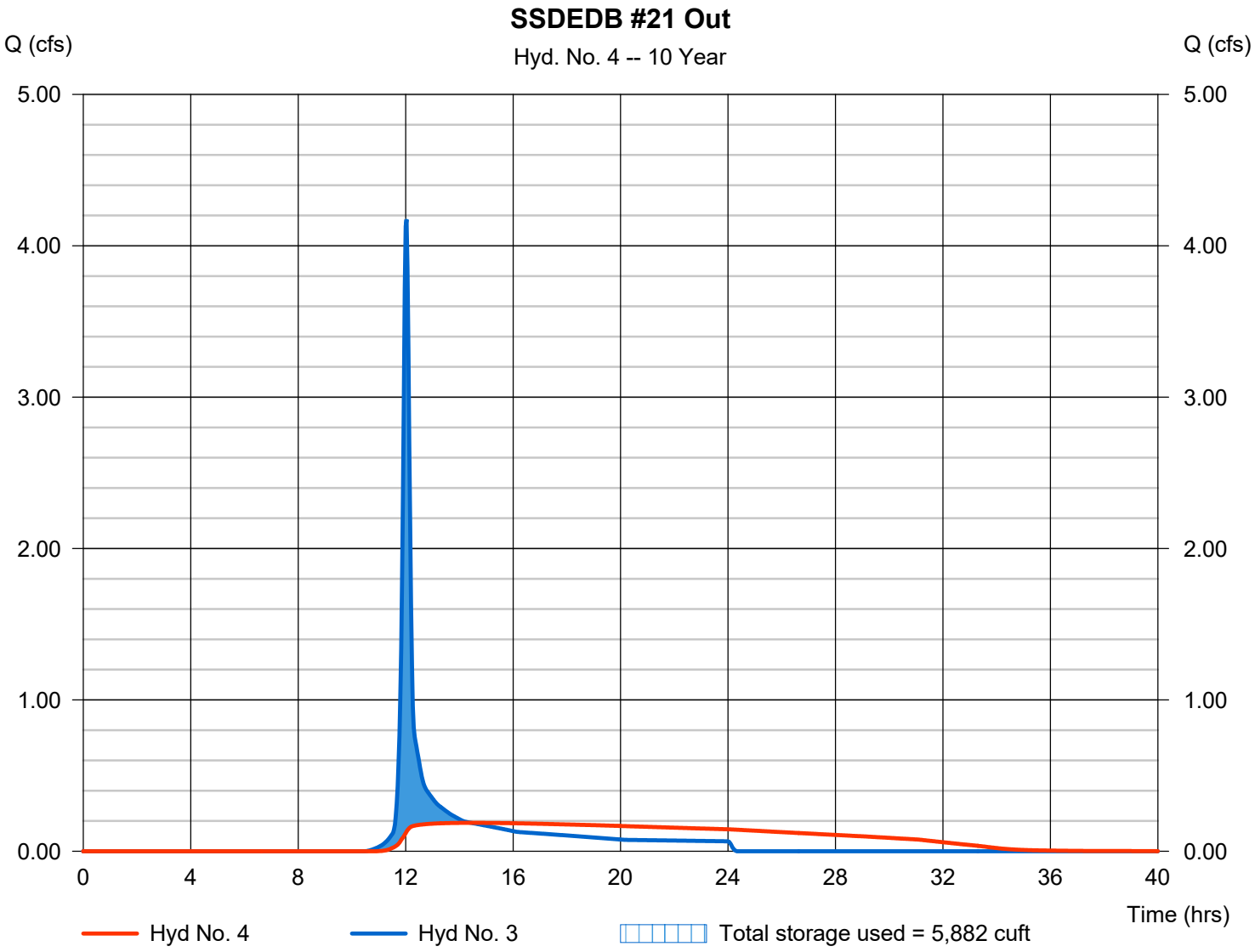
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.188 cfs
Storm frequency	= 10 yrs	Time to peak	= 14.43 hrs
Time interval	= 2 min	Hyd. volume	= 11,017 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 474.39 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 5,882 cuft

Storage Indication method used.



Hydrograph Report

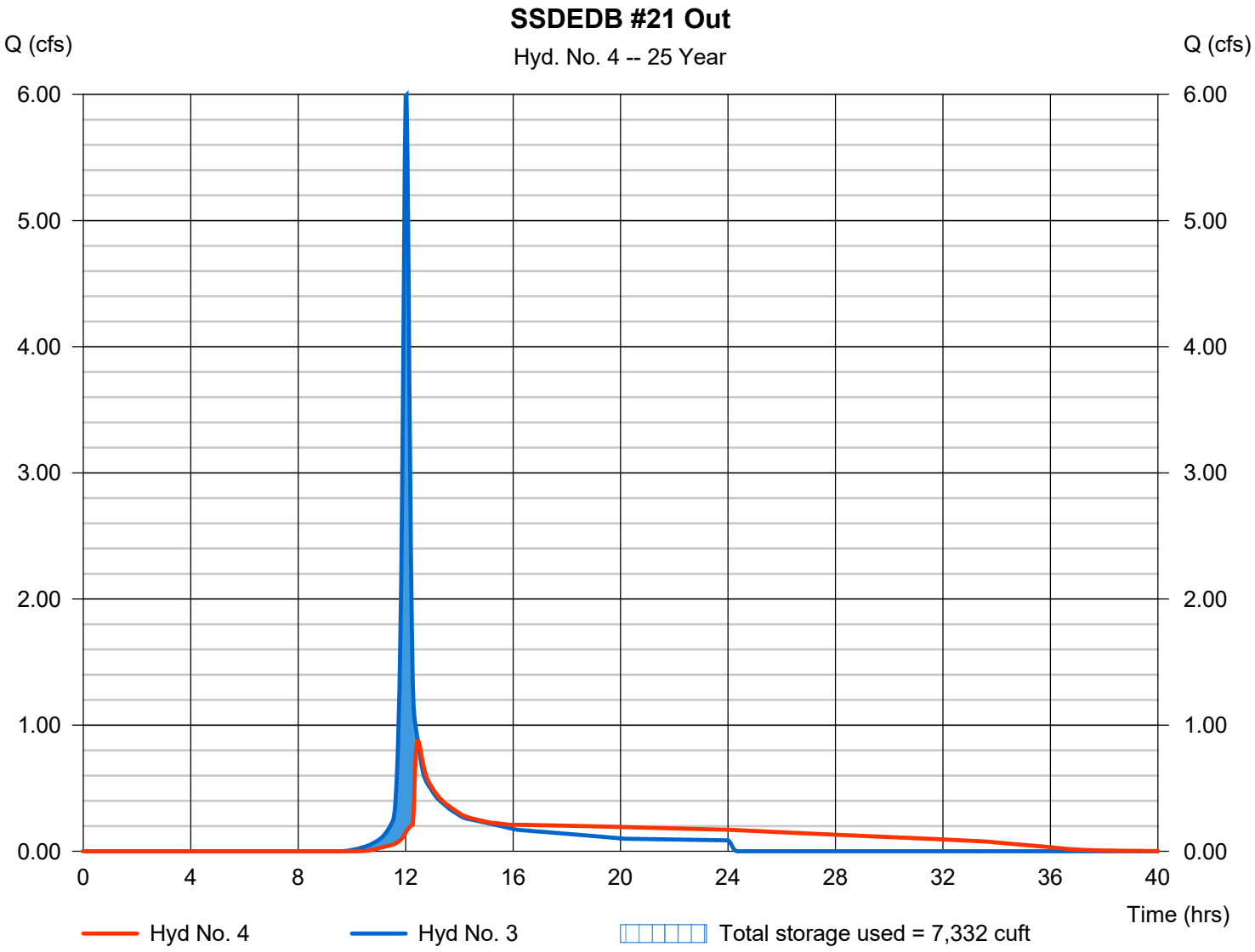
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.875 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.47 hrs
Time interval	= 2 min	Hyd. volume	= 15,674 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 475.47 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 7,332 cuft

Storage Indication method used.



Hydrograph Report

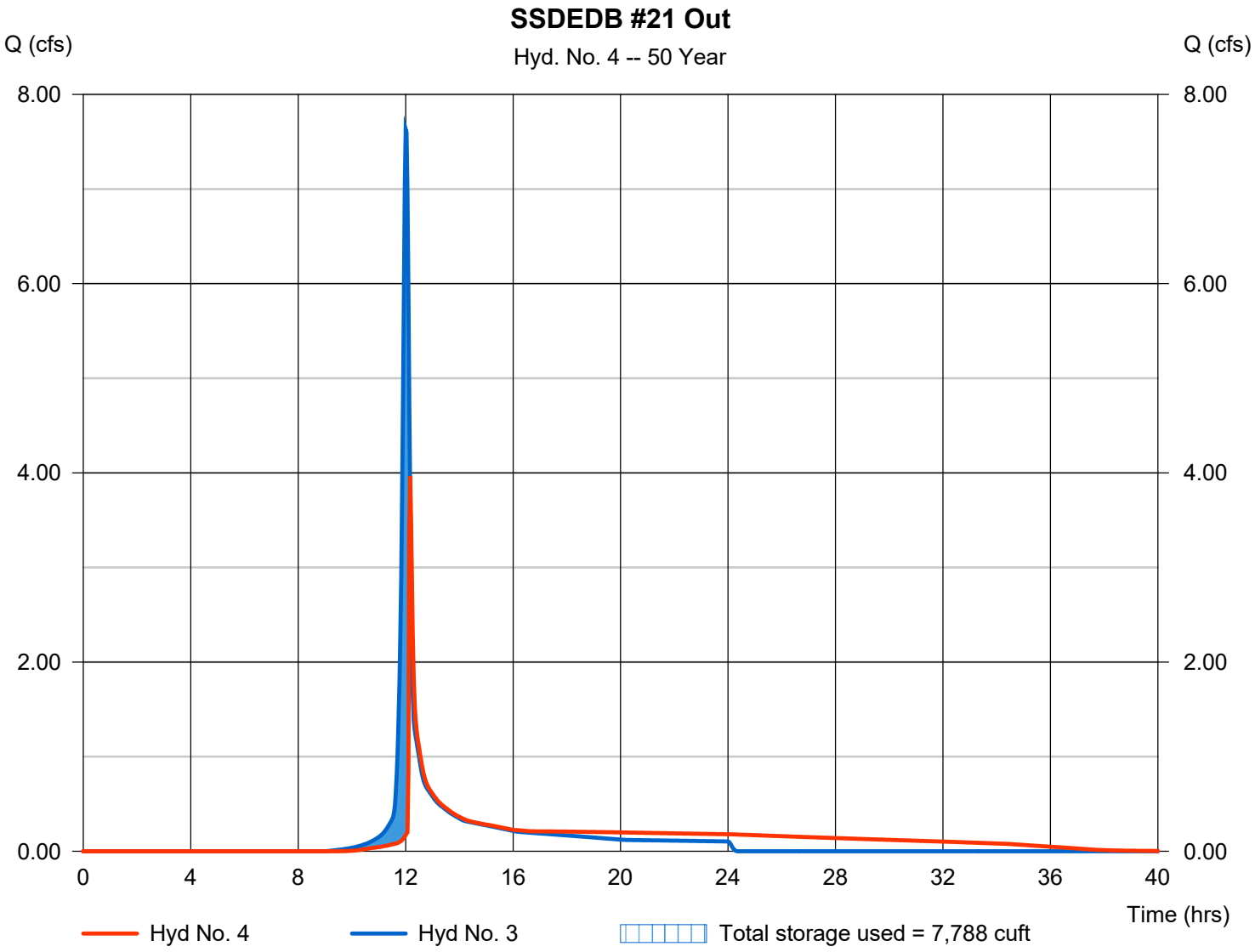
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 3.963 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 19,837 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 475.95 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 7,788 cuft

Storage Indication method used.



Hydrograph Report

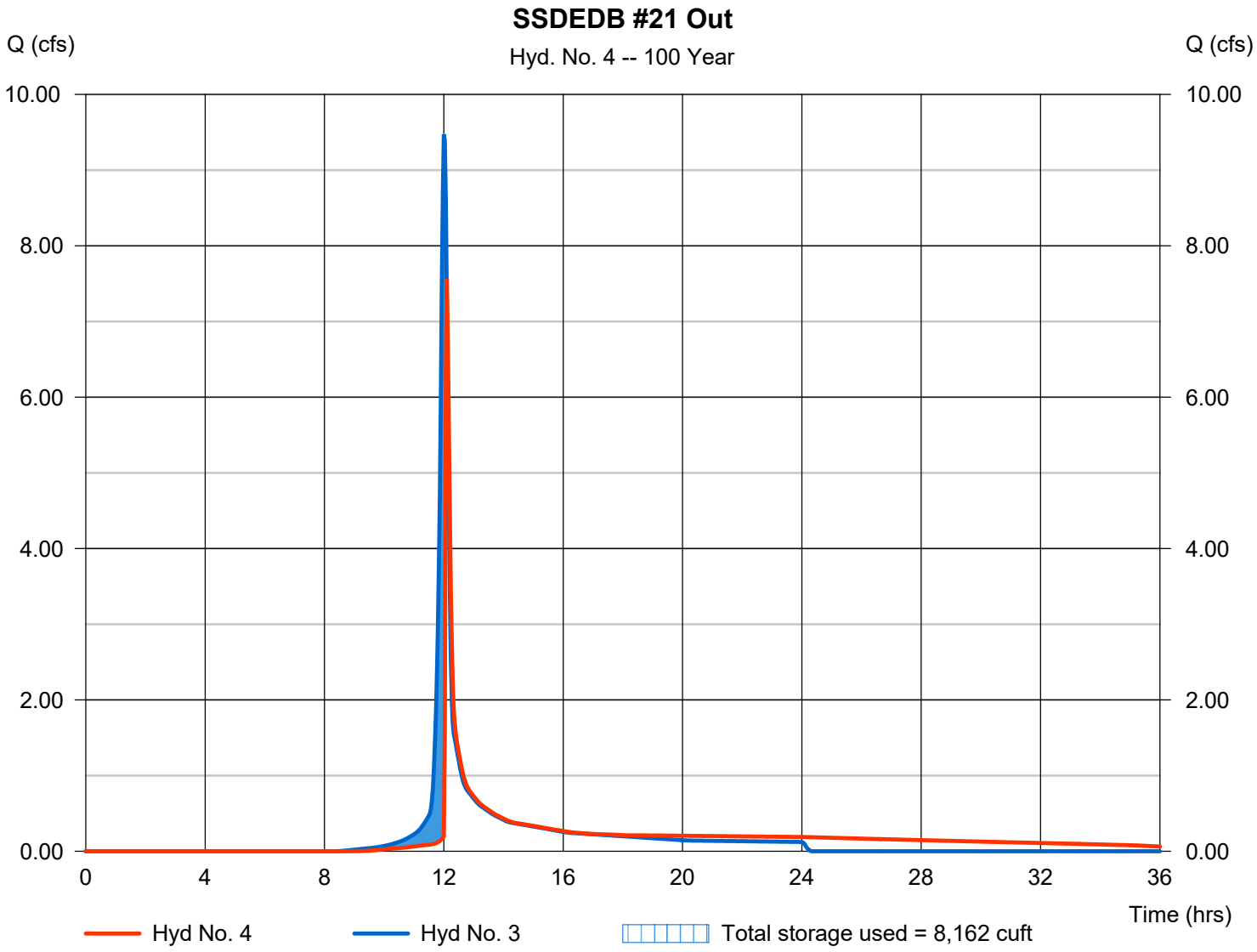
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 7.562 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 24,554 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Max. Elevation	= 476.34 ft
Reservoir name	= SSDEDB #21	Max. Storage	= 8,162 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #22

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.16	61
IMPERVIOUS	0.45	98

TOTAL 0.61

Hydrograph Report

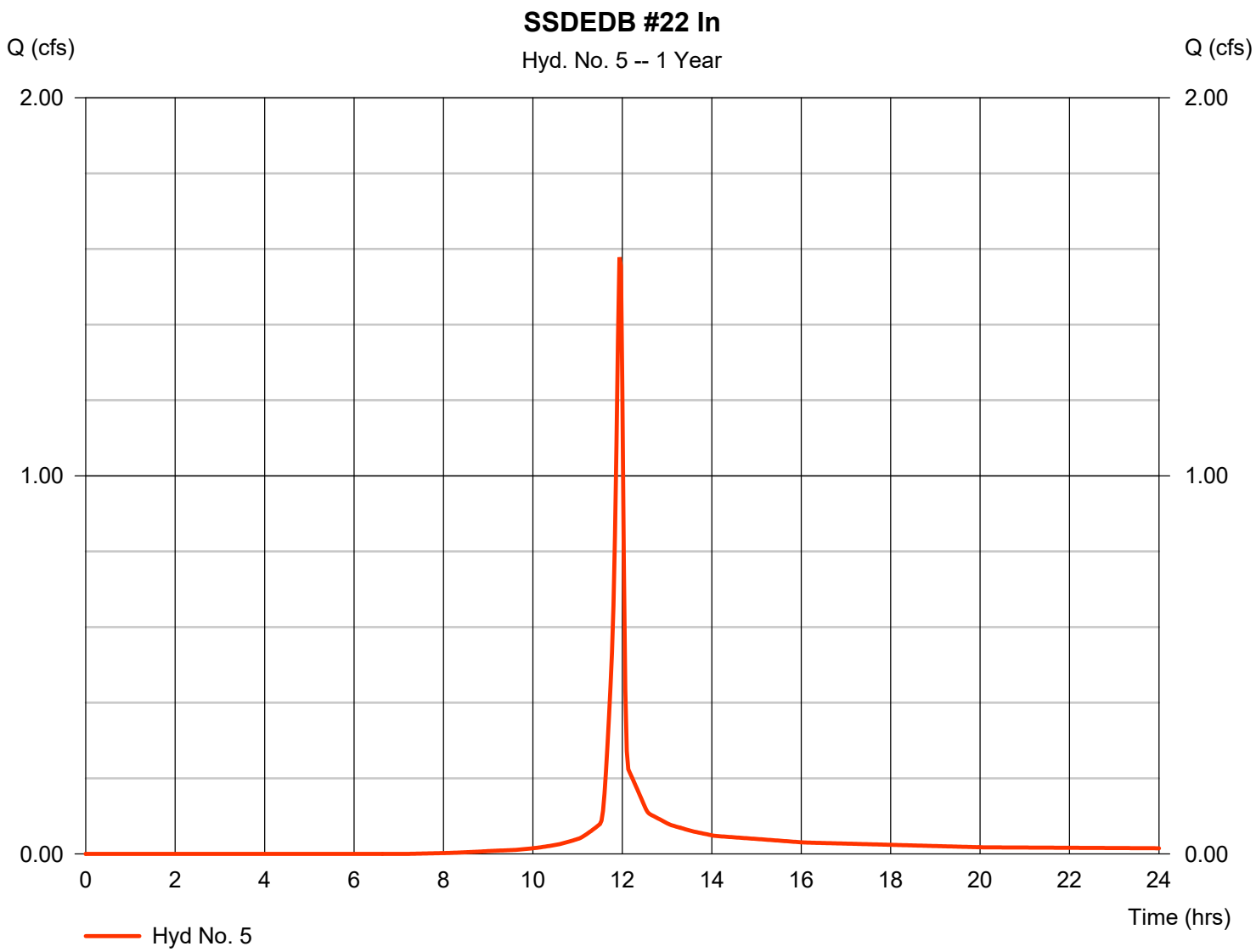
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.578 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 3,208 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

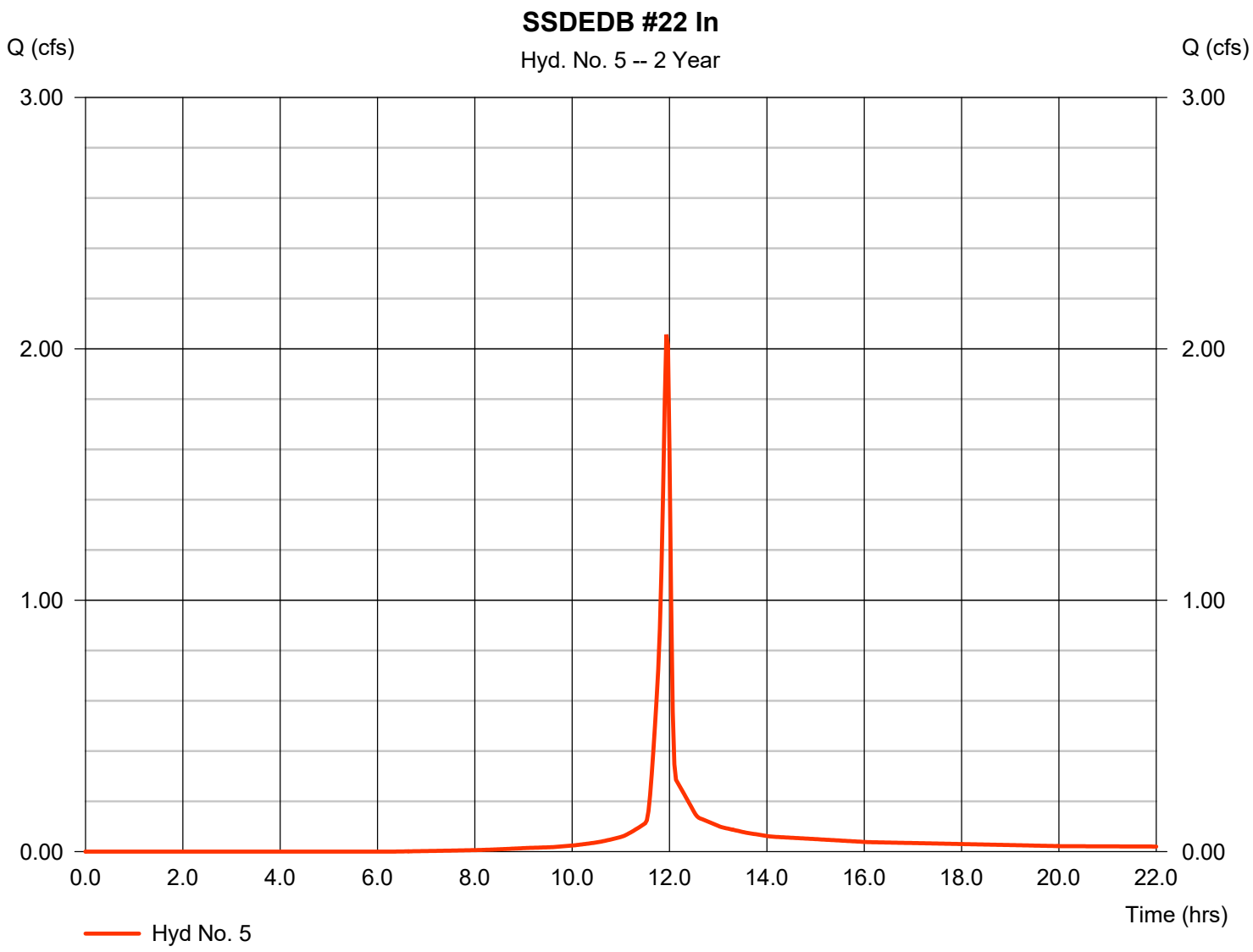
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.057 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 4,220 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

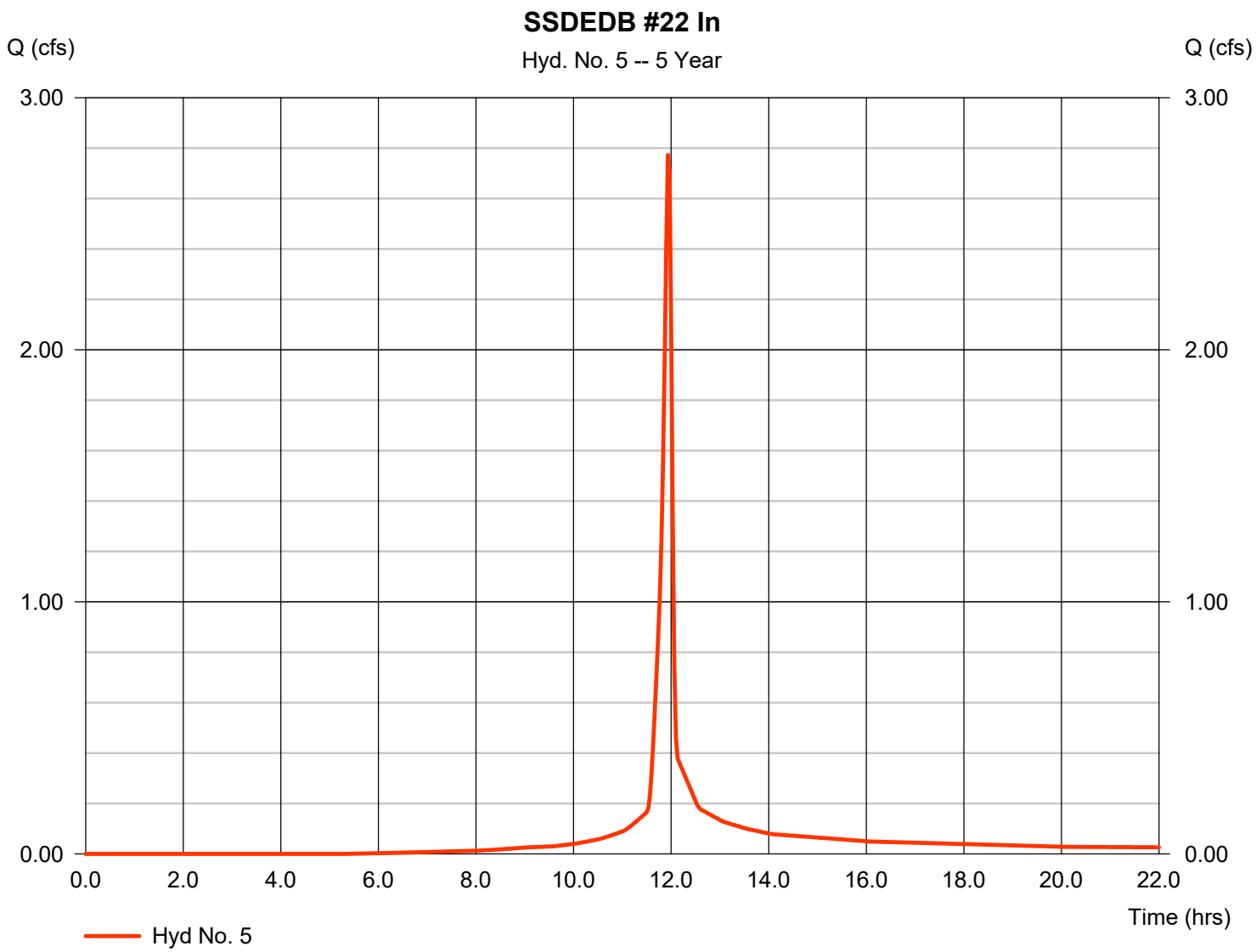
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.779 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 5,781 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

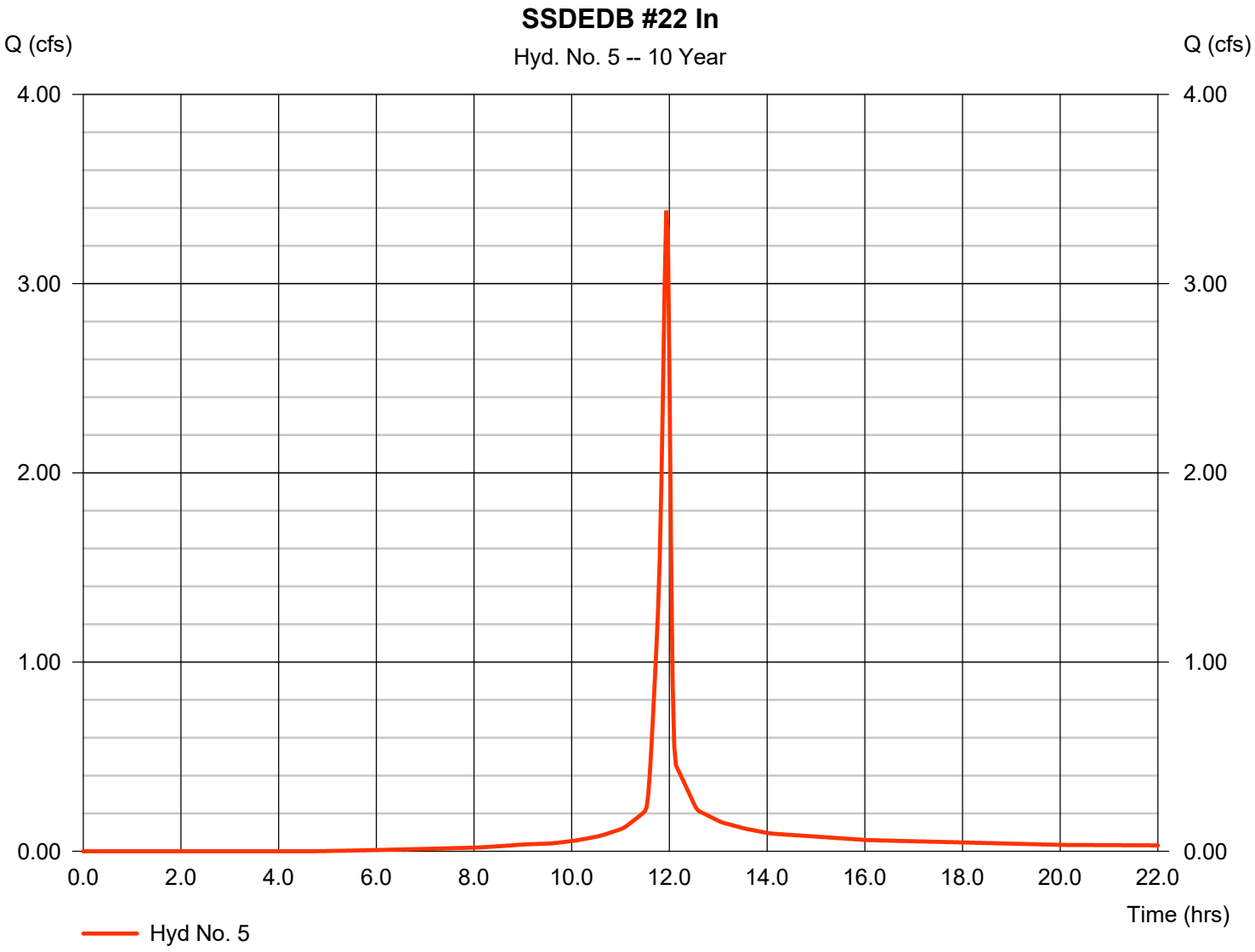
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.386 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 7,125 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

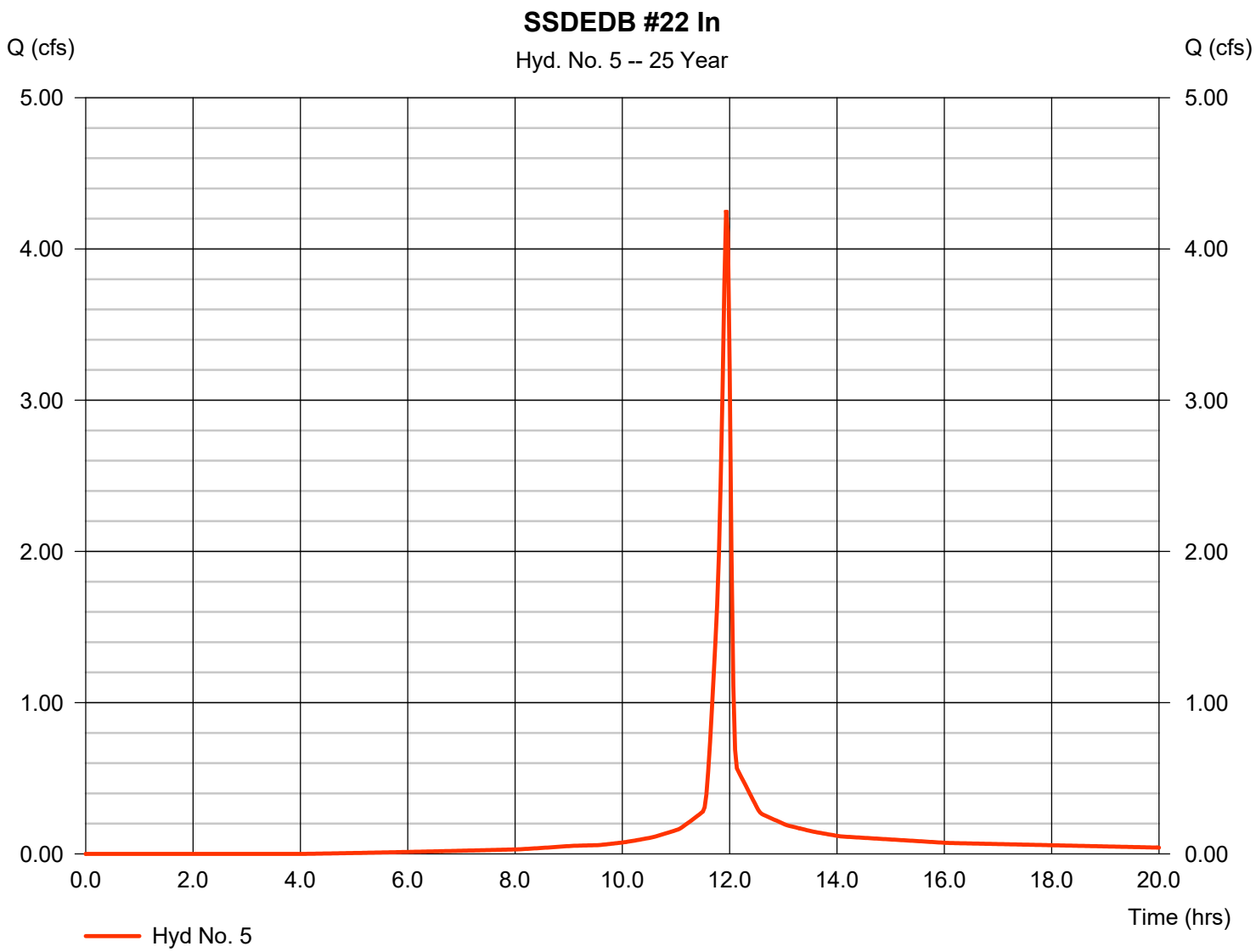
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.256 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 9,084 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

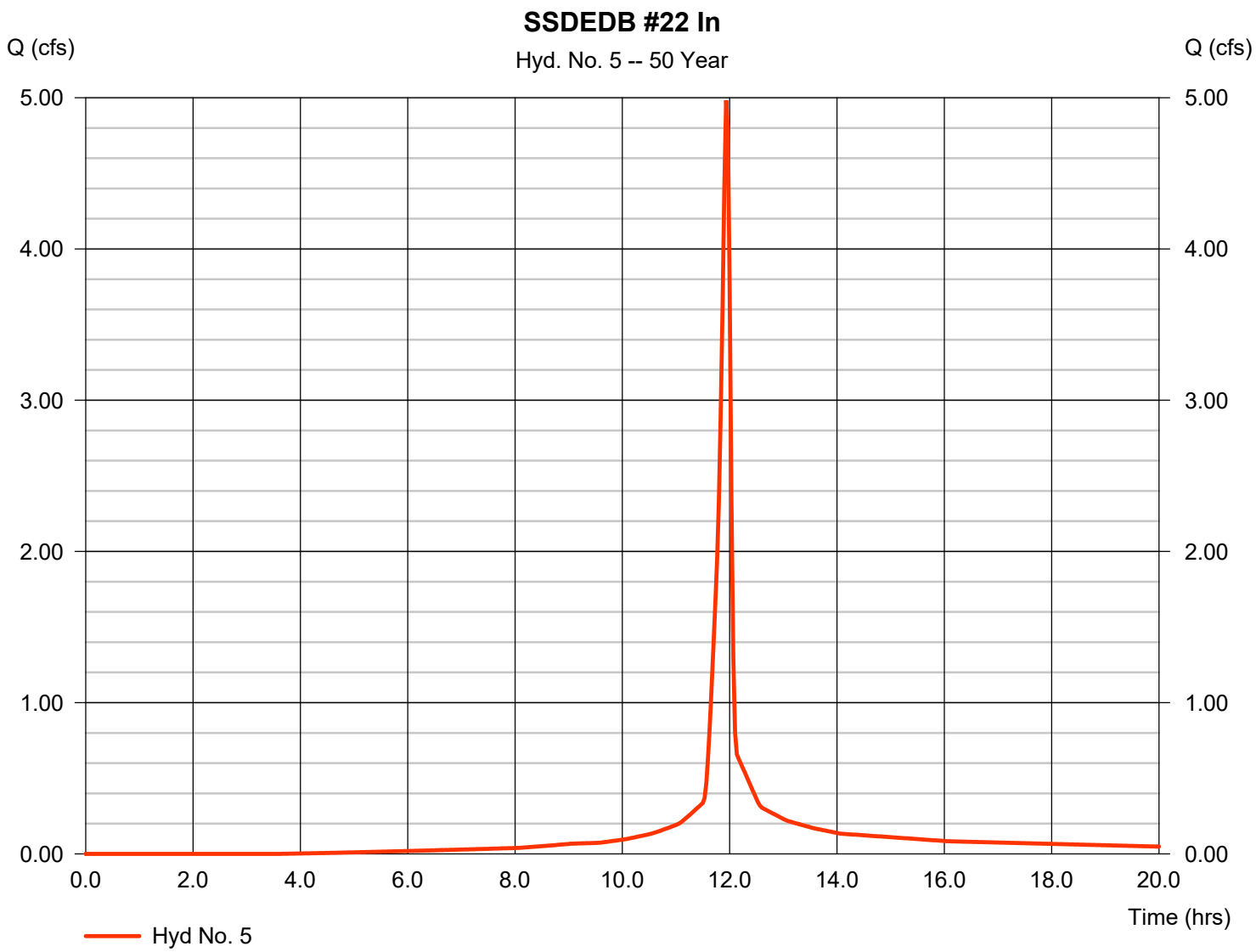
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.982 cfs
Storm frequency	=	50 yrs	Time to peak	=	11.93 hrs
Time interval	=	2 min	Hyd. volume	=	10,746 cuft
Drainage area	=	0.610 ac	Curve number	=	88*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	6.57 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



Hydrograph Report

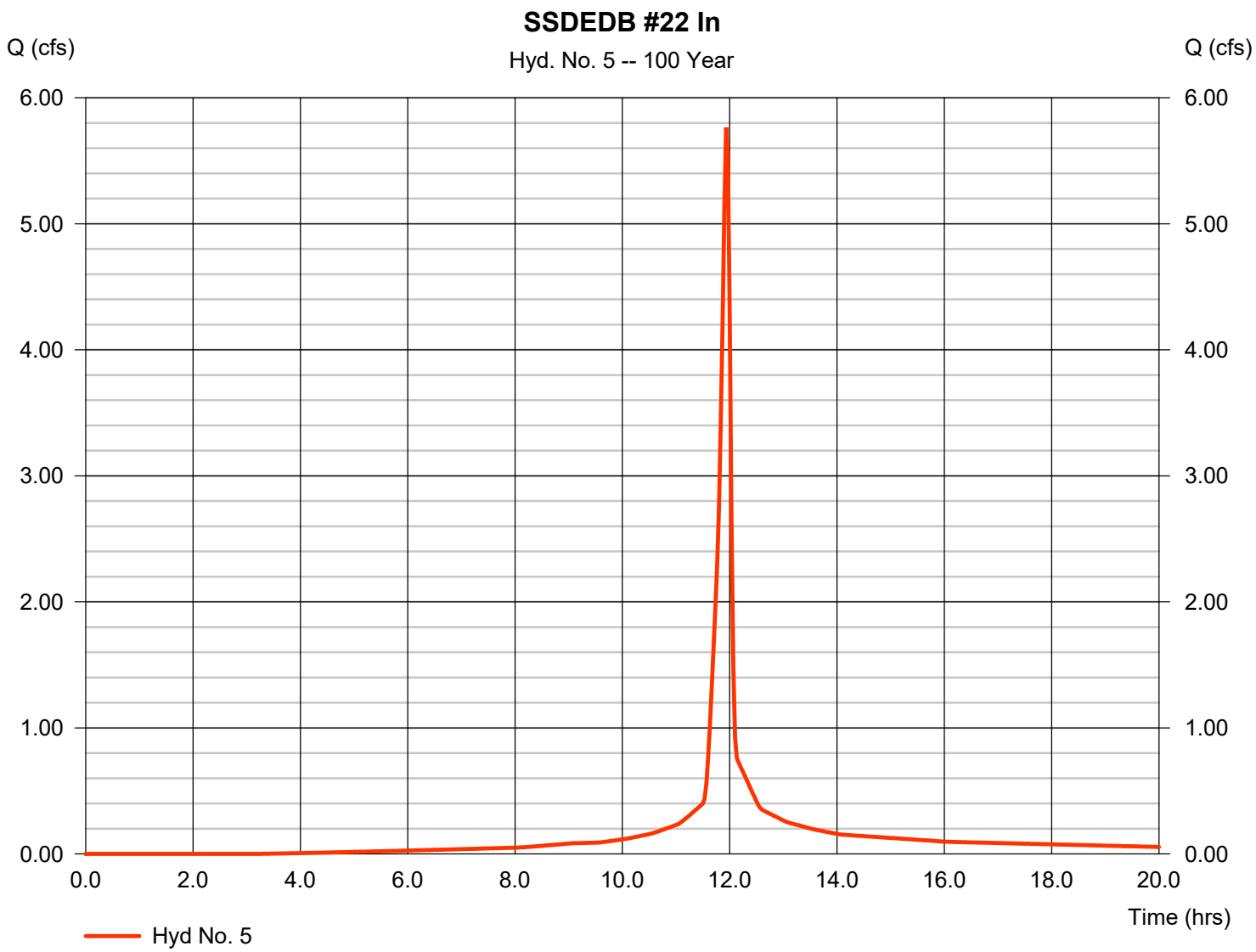
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 5

SSDEDB #22 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.765 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 12,561 cuft
Drainage area	= 0.610 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.160 x 61) + (0.450 x 98)] / 0.610



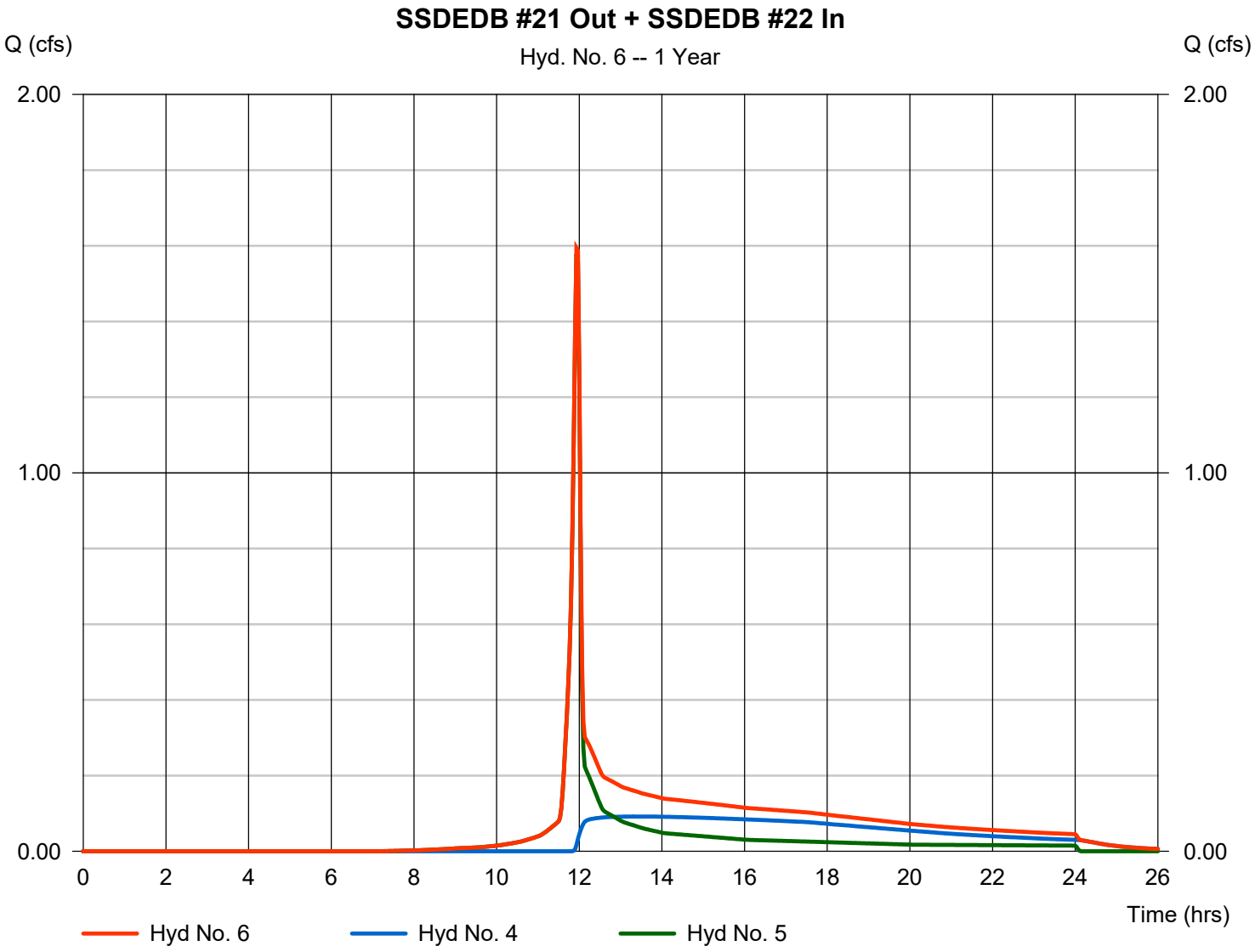
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 1.595 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 6,259 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



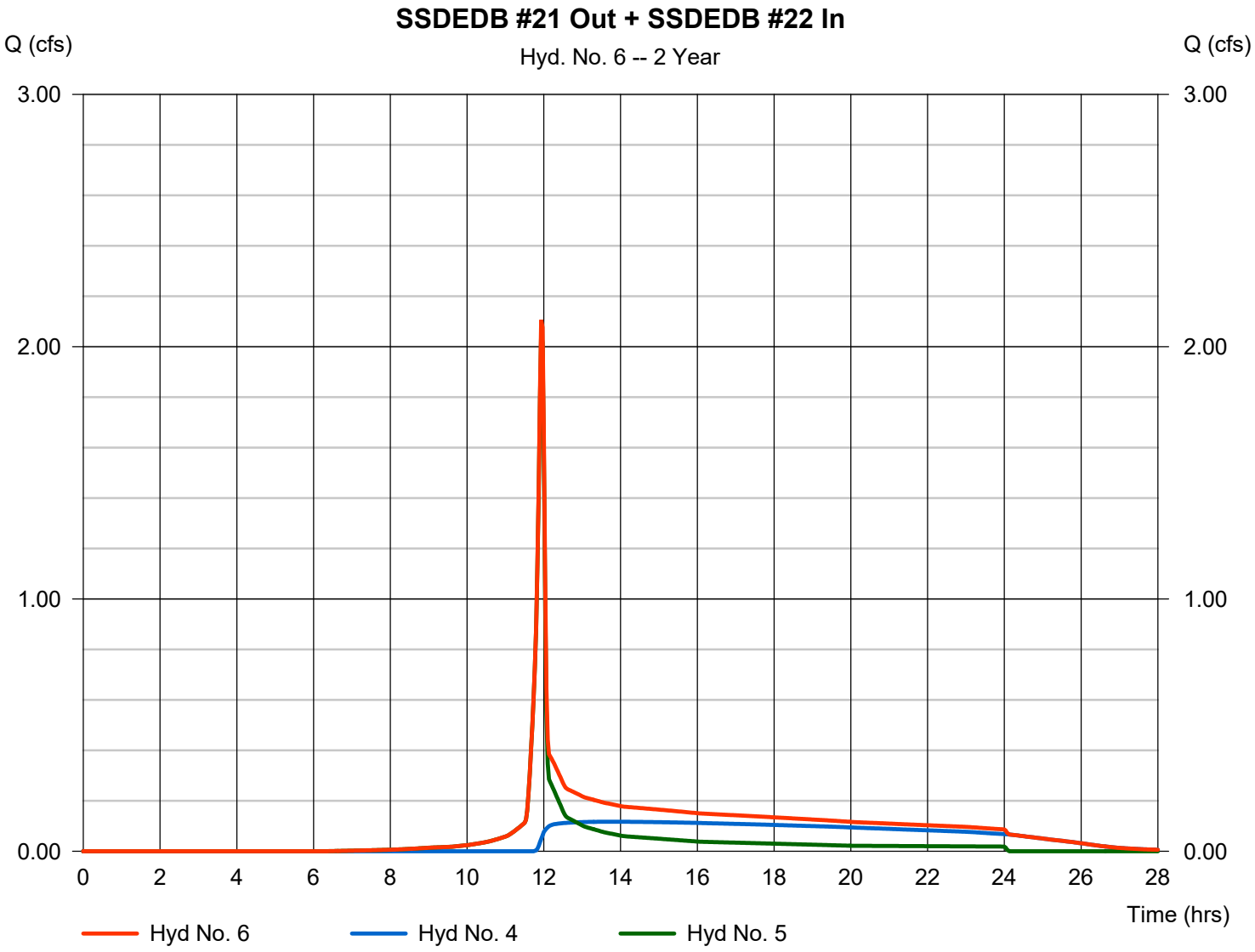
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 2.106 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 9,089 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



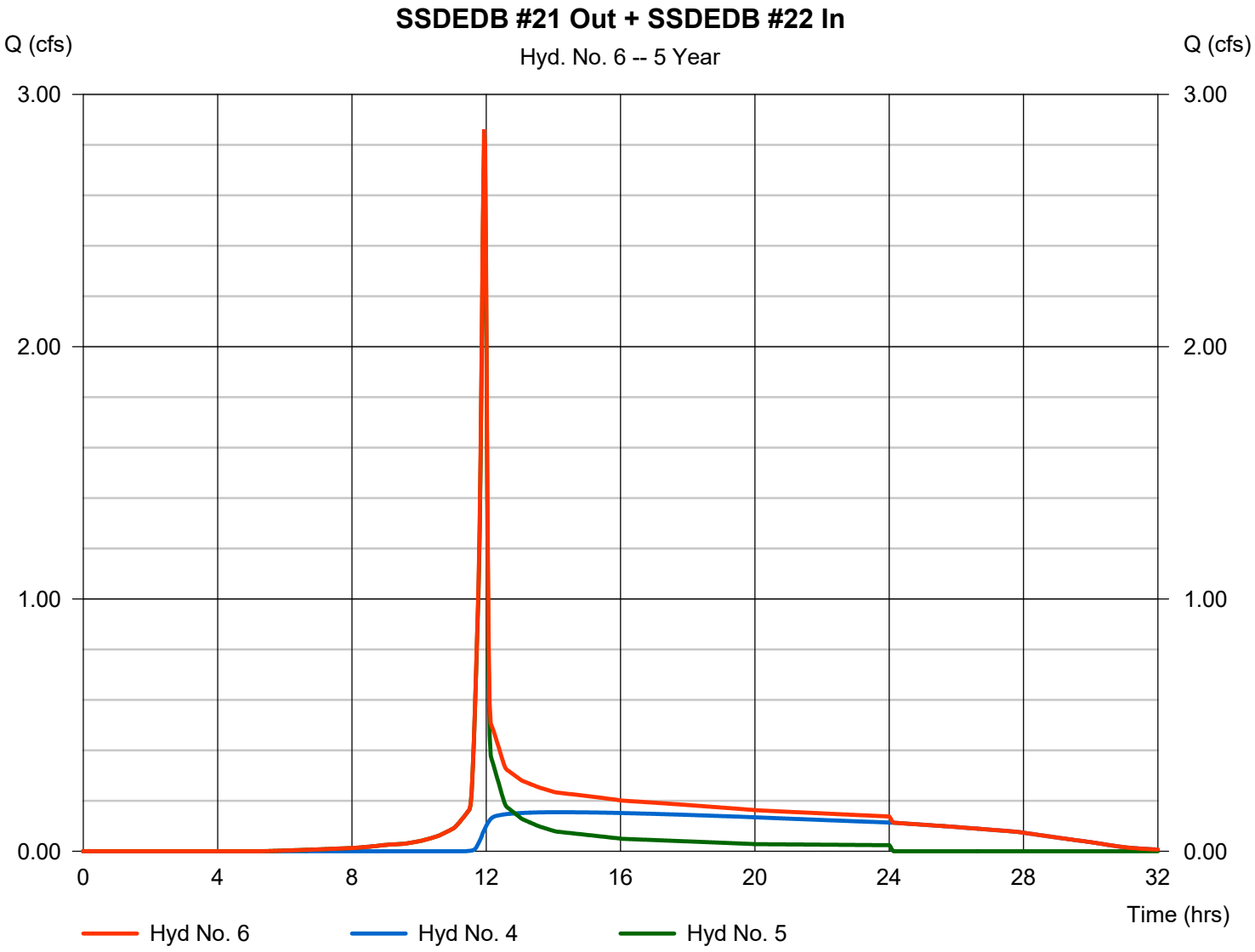
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 2.861 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 13,814 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



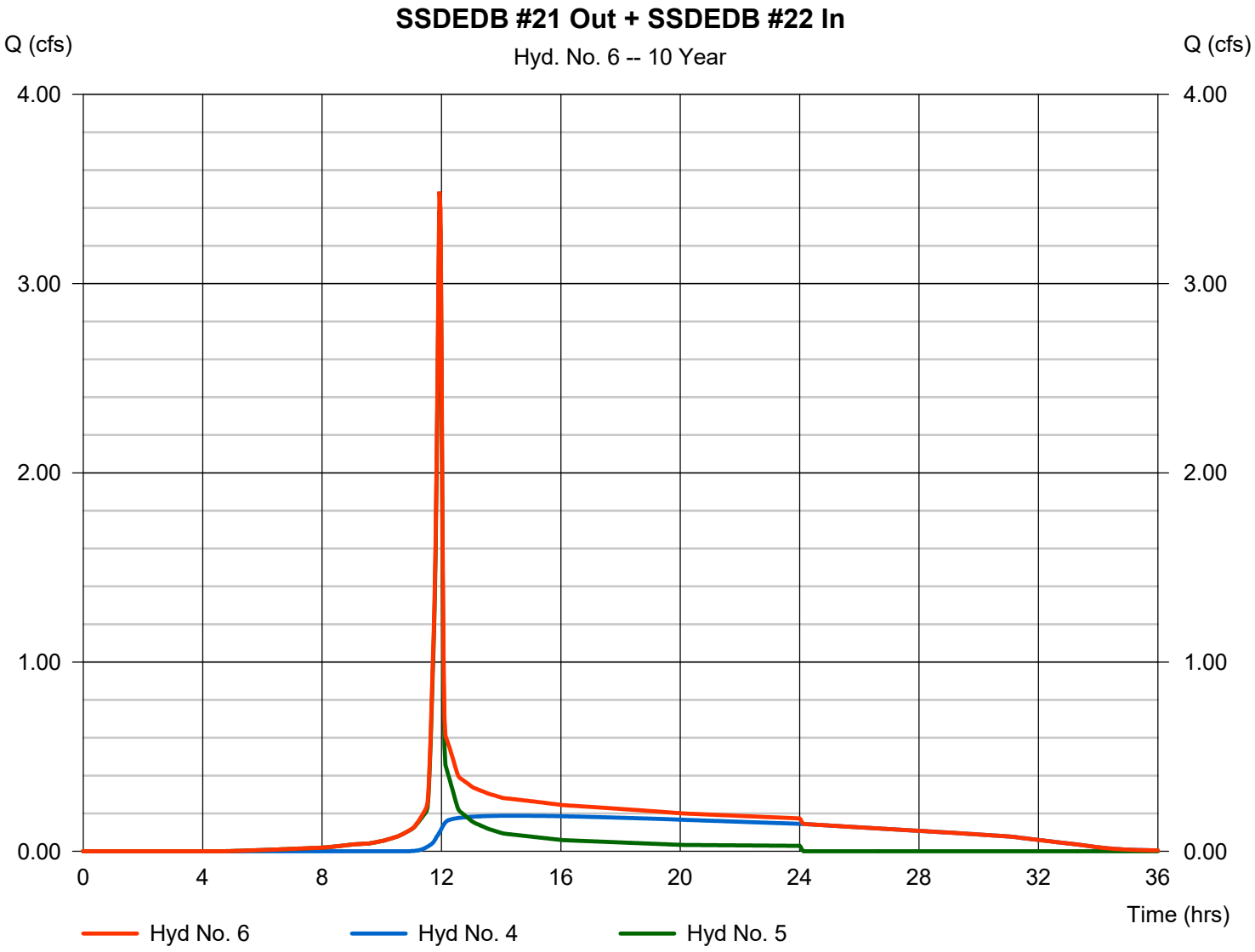
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 3.486 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 18,141 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



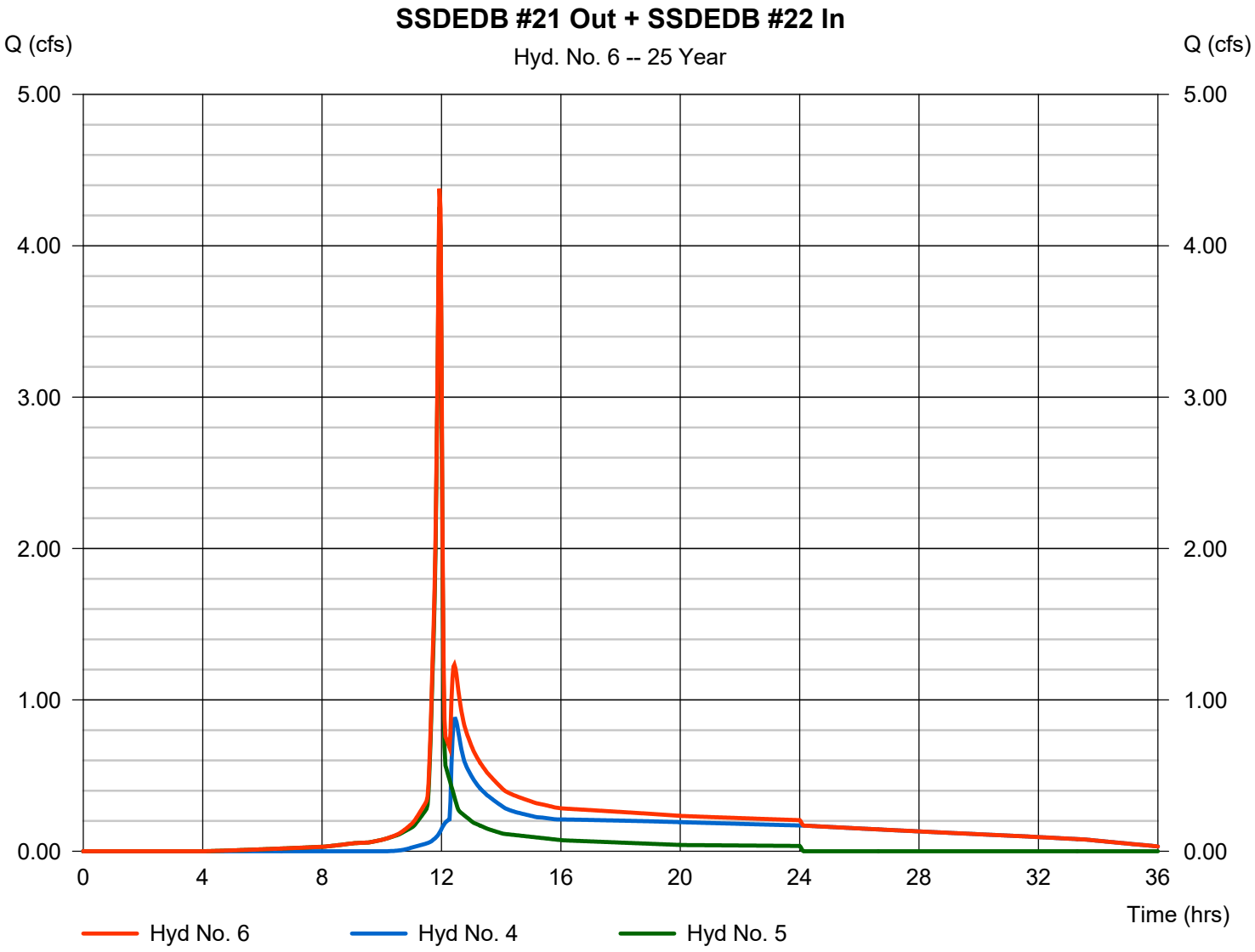
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 4.378 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 24,757 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



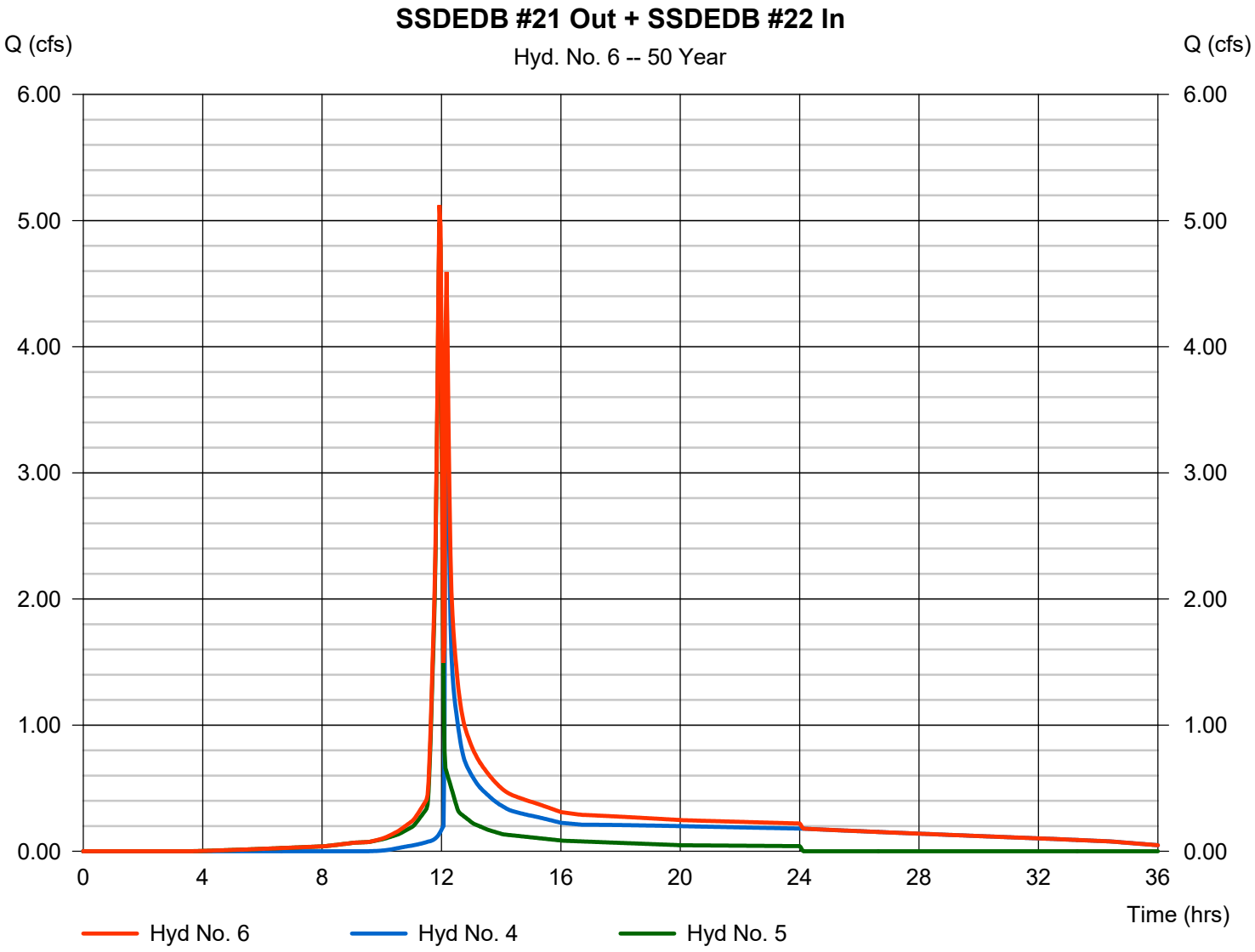
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 5.123 cfs
Storm frequency	= 50 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 30,583 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



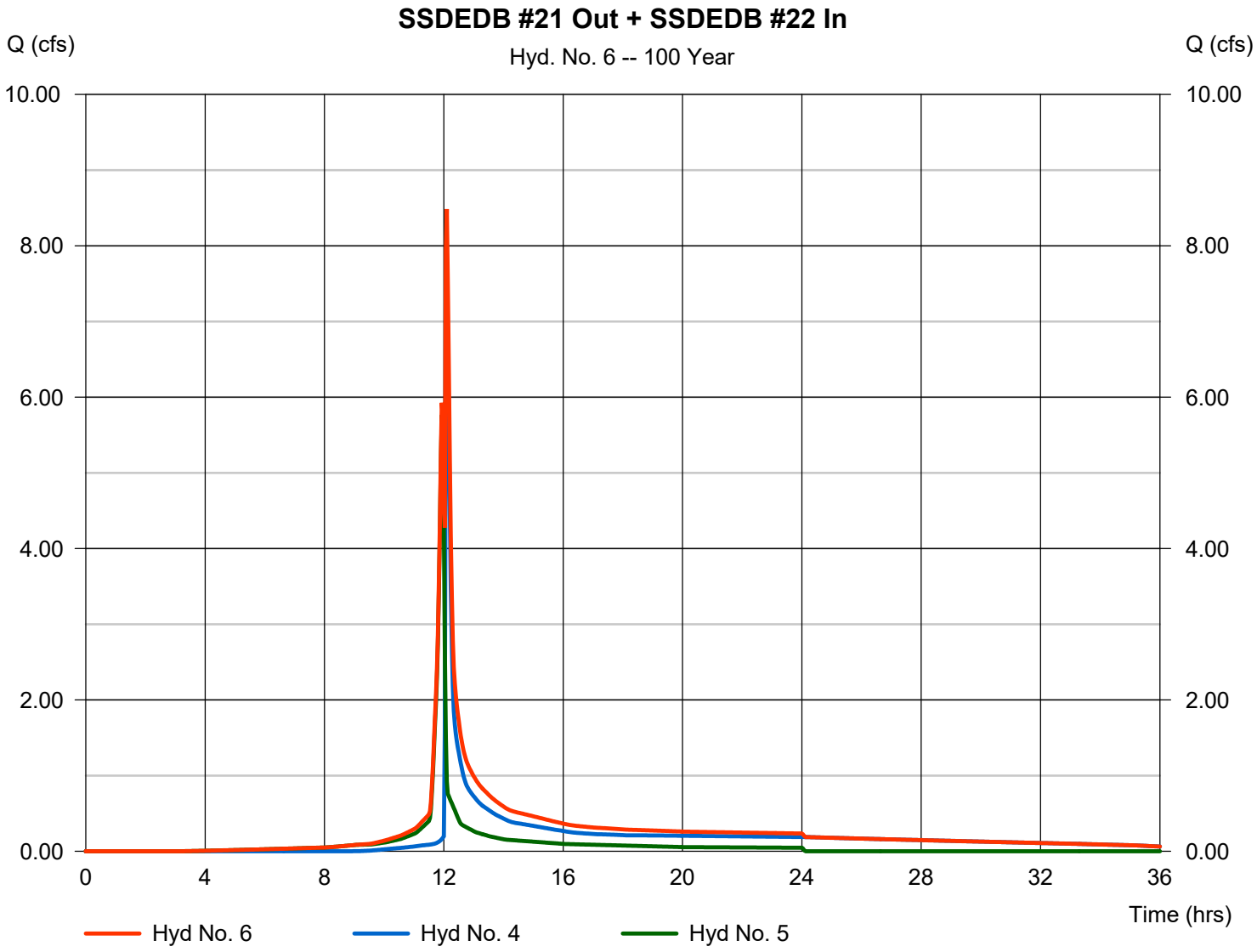
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 6

SSDEDB #21 Out + SSDEDB #22 In

Hydrograph type	= Combine	Peak discharge	= 8.485 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 37,115 cuft
Inflow hyds.	= 4, 5	Contrib. drain. area	= 0.610 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #22

		Volume for One Chamber			# of Chambers 33	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	450.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	450.8833	1.71	0.00	1.71	56.43	0.56	0.00	0.56	3.36	59.79
2	450.9667	1.71	0.00	3.42	112.86	0.58	0.00	1.14	6.84	119.70
3	451.0500	1.72	0.00	5.14	169.62	0.57	0.00	1.71	10.26	179.88
4	451.1333	1.71	0.00	6.85	226.05	0.57	0.00	2.28	13.68	239.73
5	451.2167	1.71	0.00	8.56	282.48	0.57	0.00	2.85	17.10	299.58
6	451.3000	1.71	0.00	10.27	338.91	0.57	0.00	3.42	20.52	359.43
7	451.3833	1.71	0.00	11.98	395.34	0.57	0.00	3.99	23.94	419.28
8	451.4667	1.72	0.00	13.70	452.10	0.56	0.00	4.55	27.30	479.40
9	451.5500	1.71	0.00	15.41	508.53	0.57	0.00	5.12	30.72	539.25
10	451.6333	0.30	3.51	19.22	634.26	0.32	0.63	6.07	36.42	670.68
11	451.7167	0.33	3.47	23.02	759.66	0.32	0.63	7.02	42.12	801.78
12	451.8000	0.33	3.46	26.81	884.73	0.32	0.62	7.96	47.76	932.49
13	451.8833	0.33	3.44	30.58	1009.14	0.33	0.61	8.90	53.40	1062.54
14	451.9667	0.35	3.41	34.34	1133.22	0.32	0.61	9.83	58.98	1192.20
15	452.0500	0.35	3.40	38.09	1256.97	0.33	0.60	10.76	64.56	1321.53
16	452.1333	0.38	3.36	41.83	1380.39	0.33	0.60	11.69	70.14	1450.53
17	452.2167	0.36	3.35	45.54	1502.82	0.34	0.58	12.61	75.66	1578.48
18	452.3000	0.39	3.32	49.25	1625.25	0.33	0.58	13.52	81.12	1706.37
19	452.3833	0.39	3.29	52.93	1746.69	0.34	0.57	14.43	86.58	1833.27
20	452.4667	0.41	3.26	56.60	1867.80	0.35	0.56	15.34	92.04	1959.84
21	452.5500	0.42	3.23	60.25	1988.25	0.36	0.54	16.24	97.44	2085.69
22	452.6333	0.43	3.20	63.88	2108.04	0.35	0.54	17.13	102.78	2210.82
23	452.7167	0.46	3.16	67.50	2227.50	0.36	0.52	18.01	108.06	2335.56
24	452.8000	0.46	3.13	71.09	2345.97	0.36	0.51	18.88	113.28	2459.25
25	452.8833	0.46	3.10	74.65	2463.45	0.38	0.49	19.75	118.50	2581.95
26	452.9667	0.50	3.05	78.20	2580.60	0.38	0.48	20.61	123.66	2704.26
27	453.0500	0.51	3.01	81.72	2696.76	0.38	0.46	21.45	128.70	2825.46
28	453.1333	0.52	2.97	85.21	2811.93	0.39	0.45	22.29	133.74	2945.67
29	453.2167	0.54	2.93	88.68	2926.44	0.40	0.43	23.12	138.72	3065.16
30	453.3000	0.57	2.87	92.12	3039.96	0.40	0.41	23.93	143.58	3183.54
31	453.3833	0.57	2.83	95.52	3152.16	0.42	0.39	24.74	148.44	3300.60
32	453.4667	0.61	2.77	98.90	3263.70	0.42	0.37	25.53	153.18	3416.88
33	453.5500	0.62	2.72	102.24	3373.92	0.42	0.35	26.30	157.80	3531.72
34	453.6333	0.65	2.65	105.54	3482.82	0.45	0.33	27.08	162.48	3645.30
35	453.7167	0.67	2.60	108.81	3590.73	0.44	0.32	27.84	167.04	3757.77
36	453.8000	0.71	2.52	112.04	3697.32	0.45	0.29	28.58	171.48	3868.80
37	453.8833	0.73	2.46	115.23	3802.59	0.46	0.27	29.31	175.86	3978.45
38	453.9667	0.75	2.39	118.37	3906.21	0.46	0.26	30.03	180.18	4086.39
39	454.0500	0.80	2.30	121.47	4008.51	0.48	0.24	30.75	184.50	4193.01
40	454.1333	0.81	2.23	124.51	4108.83	0.49	0.21	31.45	188.70	4297.53
41	454.2167	0.87	2.13	127.51	4207.83	0.48	0.20	32.13	192.78	4400.61
42	454.3000	0.89	2.04	130.44	4304.52	0.50	0.18	32.81	196.86	4501.38
43	454.3833	0.94	1.94	133.32	4399.56	0.51	0.16	33.48	200.88	4600.44
44	454.4667	0.98	1.83	136.13	4492.29	0.51	0.14	34.13	204.78	4697.07
45	454.5500	1.02	1.71	138.86	4582.38	0.52	0.12	34.77	208.62	4791.00
46	454.6333	1.09	1.57	141.52	4670.16	0.53	0.10	35.40	212.40	4882.56
47	454.7167	1.15	1.42	144.09	4754.97	0.53	0.09	36.02	216.12	4971.09
48	454.8000	1.21	1.25	146.55	4836.15	0.55	0.07	36.64	219.84	5055.99
49	454.8833	1.30	1.03	148.88	4913.04	0.55	0.05	37.24	223.44	5136.48
50	454.9667	1.43	0.69	151.00	4983.00	0.55	0.04	37.83	226.98	5209.98
51	455.0500	1.55	0.40	152.95	5047.35	0.56	0.02	38.41	230.46	5277.81
52	455.1333	1.60	0.29	154.84	5109.72	0.57	0.01	38.99	233.94	5343.66
53	455.2167	1.63	0.20	156.67	5170.11	0.56	0.01	39.56	237.36	5407.47
54	455.3000	1.69	0.06	158.42	5227.86	0.57	0.00	40.13	240.78	5468.64
55	455.3833	1.71	0.00	160.13	5284.29	0.57	0.00	40.70	244.20	5528.49
56	455.4667	1.71	0.00	161.84	5340.72	0.57	0.00	41.27	247.62	5588.34
57	455.5500	1.71	0.00	163.55	5397.15	0.57	0.00	41.84	251.04	5648.19
58	455.6333	1.72	0.00	165.27	5453.91	0.57	0.00	42.41	254.46	5708.37
59	455.7167	1.71	0.00	166.98	5510.34	0.57	0.00	42.98	257.88	5768.22
60	455.8000	1.71	0.00	168.69	5566.77	0.56	0.00	43.54	261.24	5828.01
61	455.8833	1.71	0.00	170.40	5623.20	0.57	0.00	44.11	264.66	5887.86
62	455.9667	1.71	0.00	172.11	5679.63	0.57	0.00	44.68	268.08	5947.71
63	456.0500	1.72	0.00	173.83	5736.39	0.57	0.00	45.25	271.50	6007.89
64	456.1333	1.71	0.00	175.54	5792.82	0.57	0.00	45.82	274.92	6067.74
65	456.2167	1.71	0.00	177.25	5849.25	0.57	0.00	46.39	278.34	6127.59
66	456.3000	1.71	0.00	178.96	5905.68	0.57	0.00	46.96	281.76	6187.44

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 2 - SSDEDB #22

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	450.80	n/a	0	0
0.33	451.13	n/a	240	240
0.67	451.47	n/a	240	479
1.00	451.80	n/a	453	932
1.33	452.13	n/a	518	1,451
1.67	452.47	n/a	509	1,960
2.00	452.80	n/a	499	2,459
2.33	453.13	n/a	486	2,946
2.67	453.47	n/a	471	3,417
3.00	453.80	n/a	452	3,869
3.33	454.13	n/a	429	4,298
3.67	454.47	n/a	400	4,697
4.00	454.80	n/a	359	5,056
4.33	455.13	n/a	288	5,344
4.67	455.47	n/a	245	5,588
5.00	455.80	n/a	240	5,828
5.33	456.13	n/a	240	6,068
5.50	456.30	n/a	120	6,187

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	Inactive	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	1	0
Invert El. (ft)	= 450.80	450.80	0.00	0.00
Length (ft)	= 25.00	0.00	0.00	0.00
Slope (%)	= 1.02	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	Yes	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	Inactive	0.00	0.00
Crest El. (ft)	= 455.15	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	Rect	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	450.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	240	451.13	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	479	451.47	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	932	451.80	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,451	452.13	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	1,960	452.47	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,459	452.80	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	2,946	453.13	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	3,417	453.47	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	3,869	453.80	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	4,298	454.13	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	4,697	454.47	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	5,056	454.80	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	5,344	455.13	0.21 ic	0.21 ic	---	---	0.00	---	---	---	---	---	0.213
4.67	5,588	455.47	1.42 ic	0.21 ic	---	---	1.18	---	---	---	---	---	1.397
5.00	5,828	455.80	3.69 oc	0.20 ic	---	---	3.49	---	---	---	---	---	3.689
5.33	6,068	456.13	6.68 oc	0.19 ic	---	---	6.49	---	---	---	---	---	6.683
5.50	6,187	456.30	8.39 ic	0.18 ic	---	---	8.21	---	---	---	---	---	8.391

Hydrograph Report

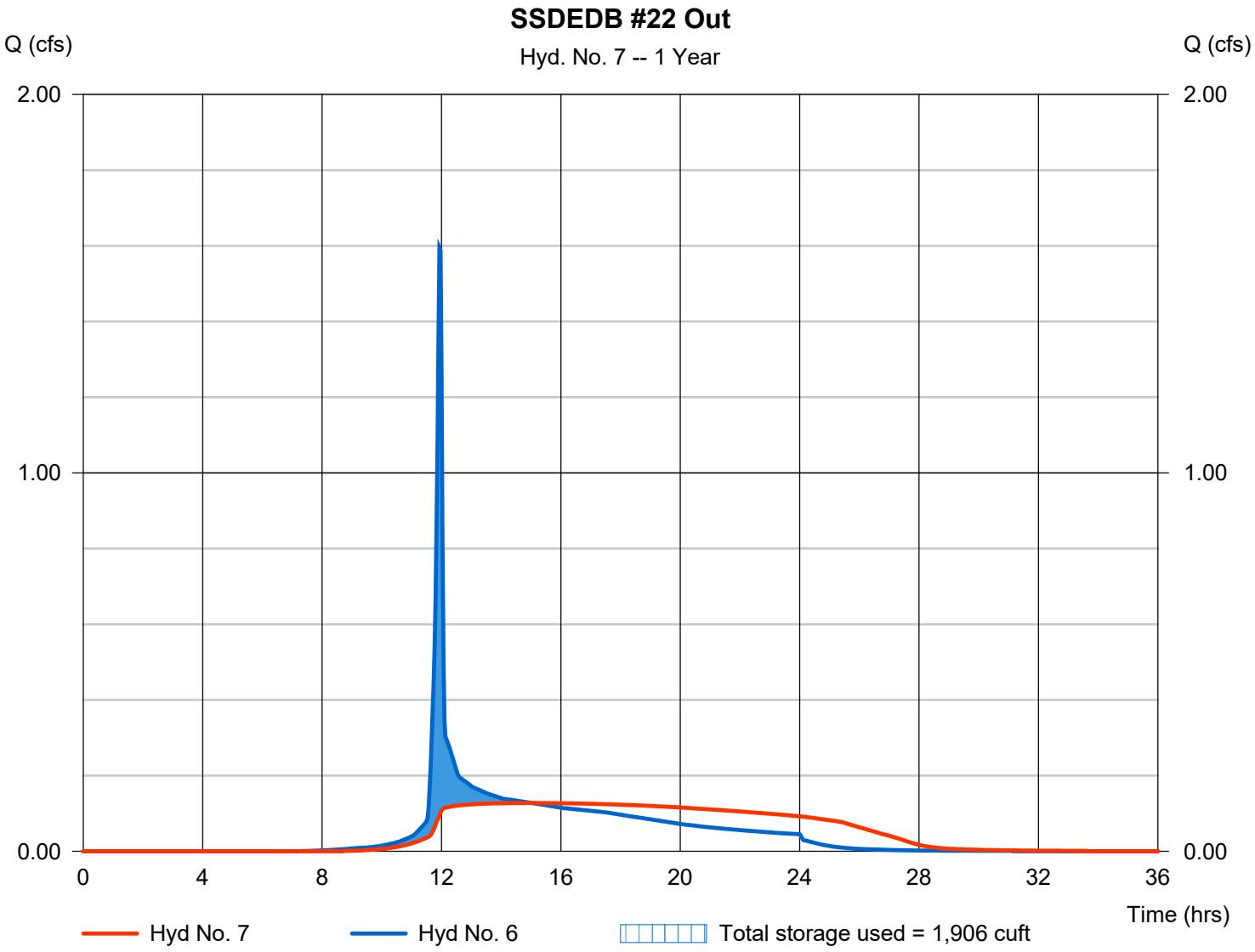
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.127 cfs
Storm frequency	=	1 yrs	Time to peak	=	15.03 hrs
Time interval	=	2 min	Hyd. volume	=	6,247 cuft
Inflow hyd. No.	=	6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	=	452.43 ft
Reservoir name	=	SSDEDB #22	Max. Storage	=	1,906 cuft

Storage Indication method used.



Hydrograph Report

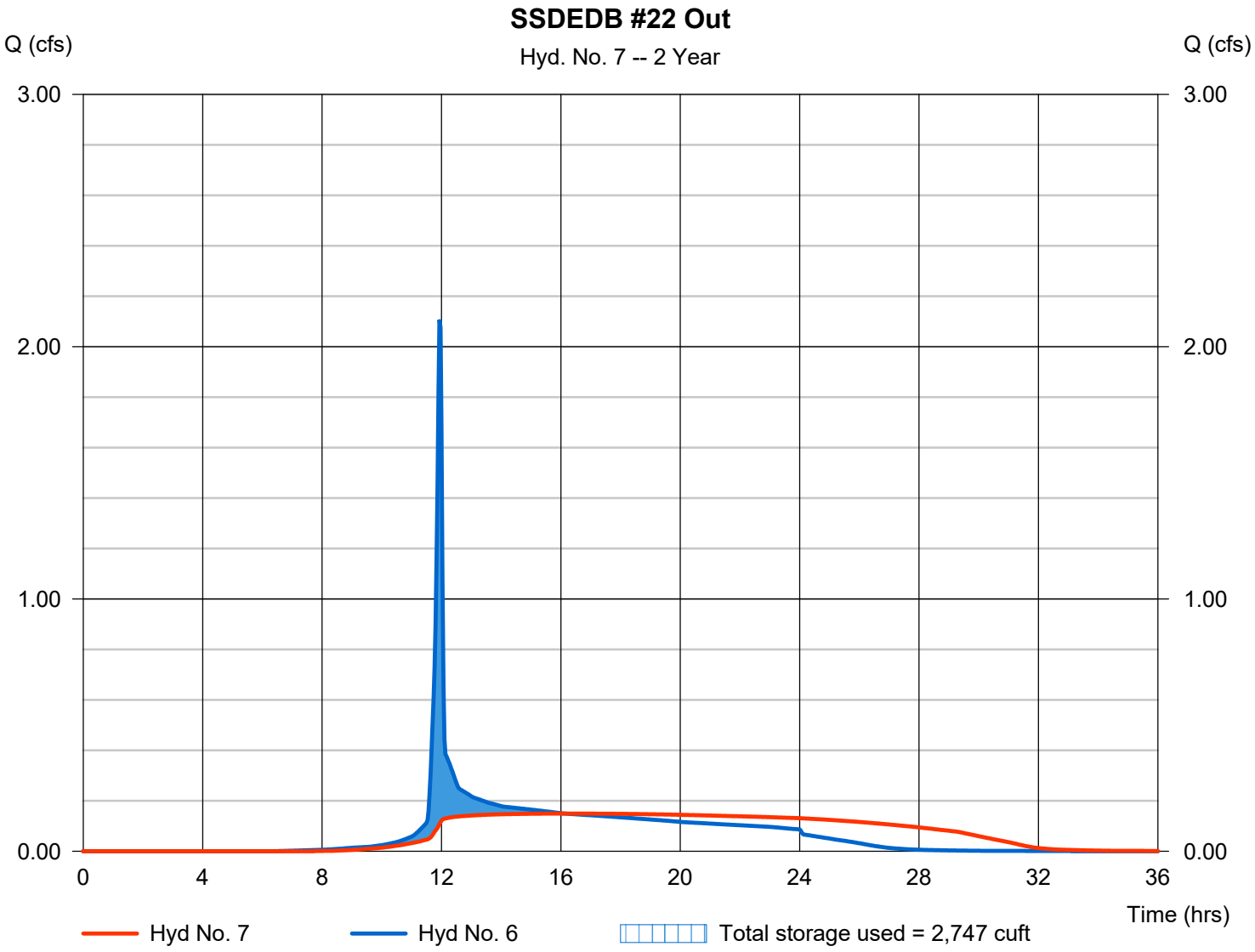
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.149 cfs
Storm frequency	=	2 yrs	Time to peak	=	16.13 hrs
Time interval	=	2 min	Hyd. volume	=	9,076 cuft
Inflow hyd. No.	=	6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	=	453.00 ft
Reservoir name	=	SSDEDB #22	Max. Storage	=	2,747 cuft

Storage Indication method used.



Hydrograph Report

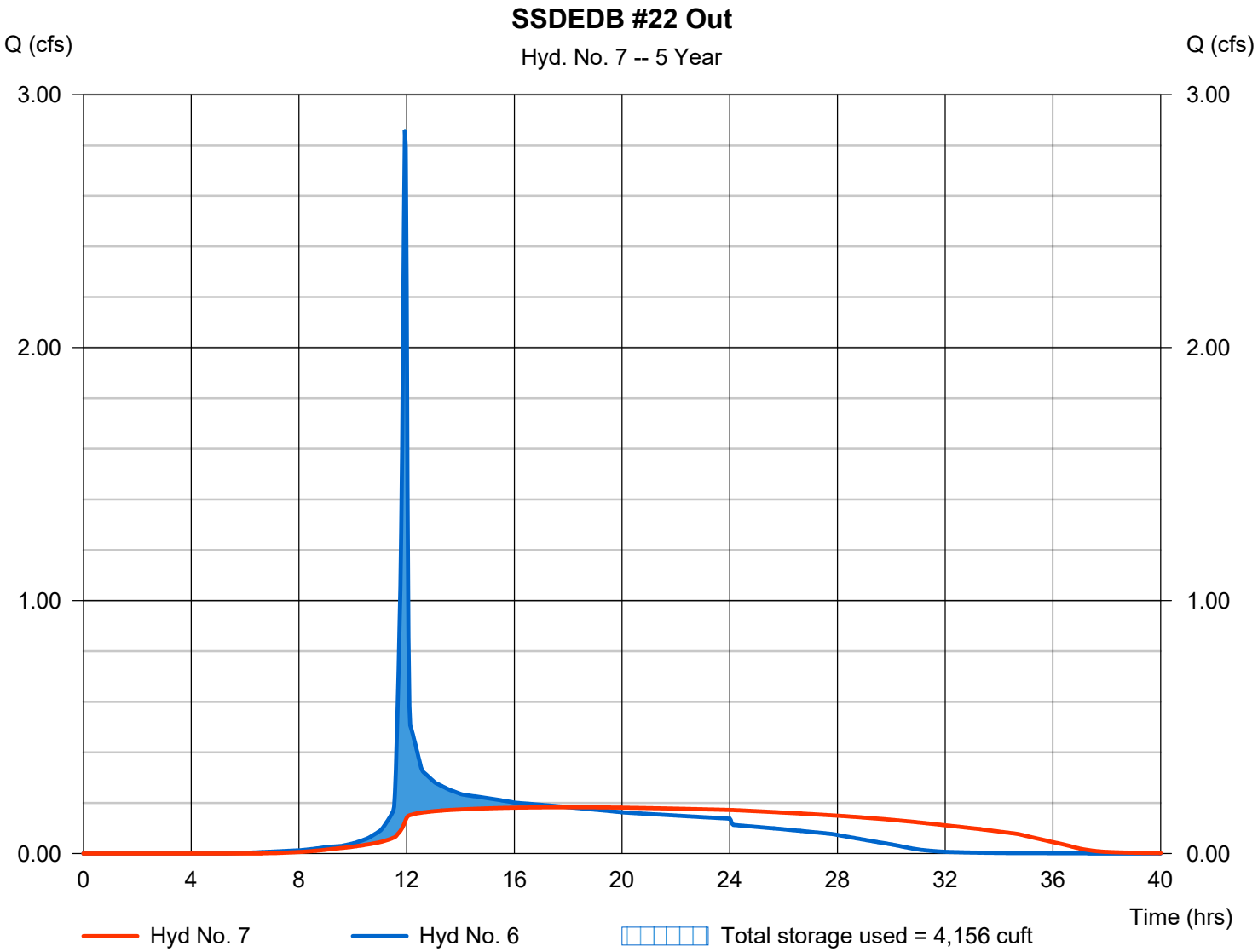
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.183 cfs
Storm frequency	= 5 yrs	Time to peak	= 18.03 hrs
Time interval	= 2 min	Hyd. volume	= 13,801 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	= 454.02 ft
Reservoir name	= SSDEDB #22	Max. Storage	= 4,156 cuft

Storage Indication method used.



Hydrograph Report

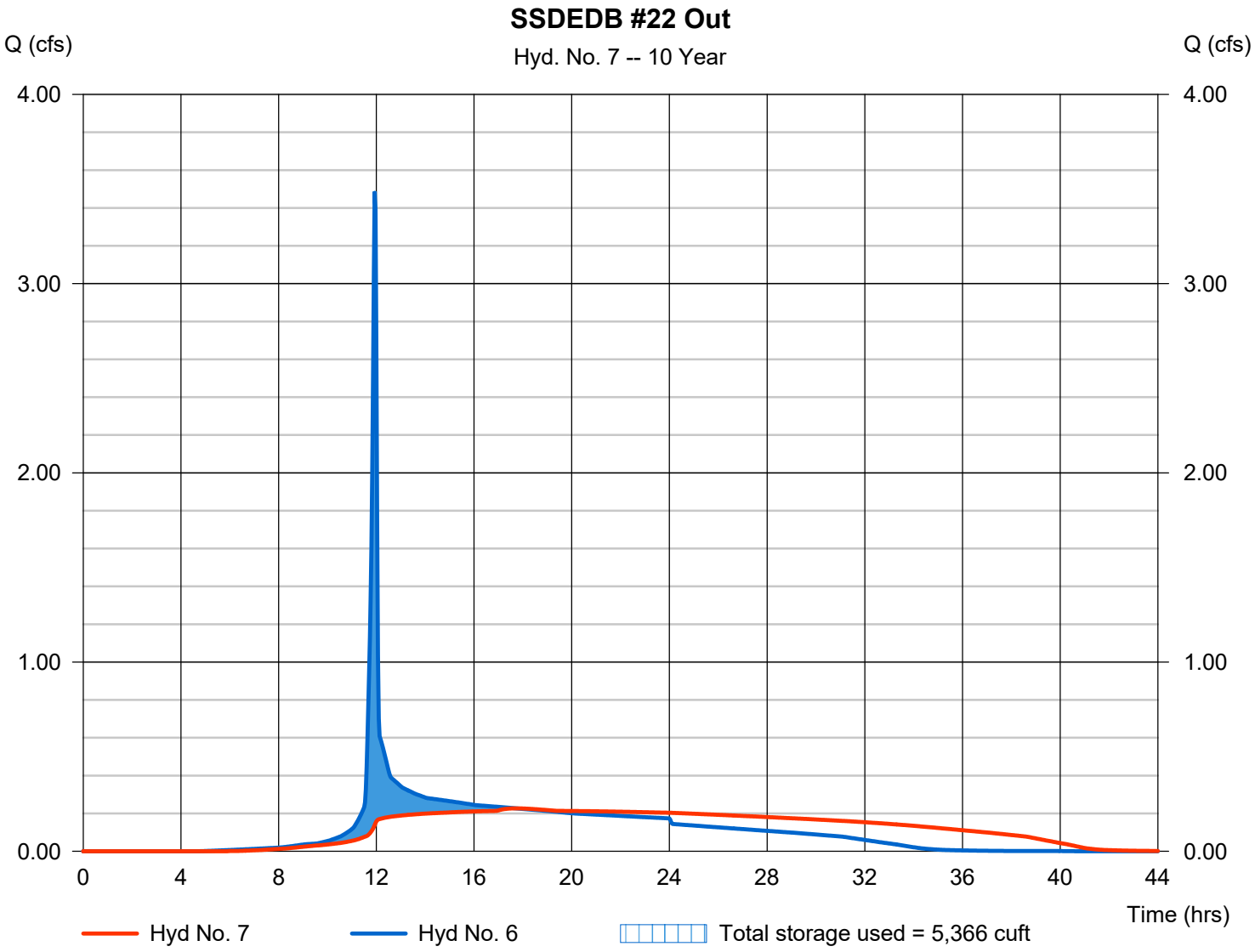
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.227 cfs
Storm frequency	= 10 yrs	Time to peak	= 17.73 hrs
Time interval	= 2 min	Hyd. volume	= 18,128 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	= 455.16 ft
Reservoir name	= SSDEDB #22	Max. Storage	= 5,366 cuft

Storage Indication method used.



Hydrograph Report

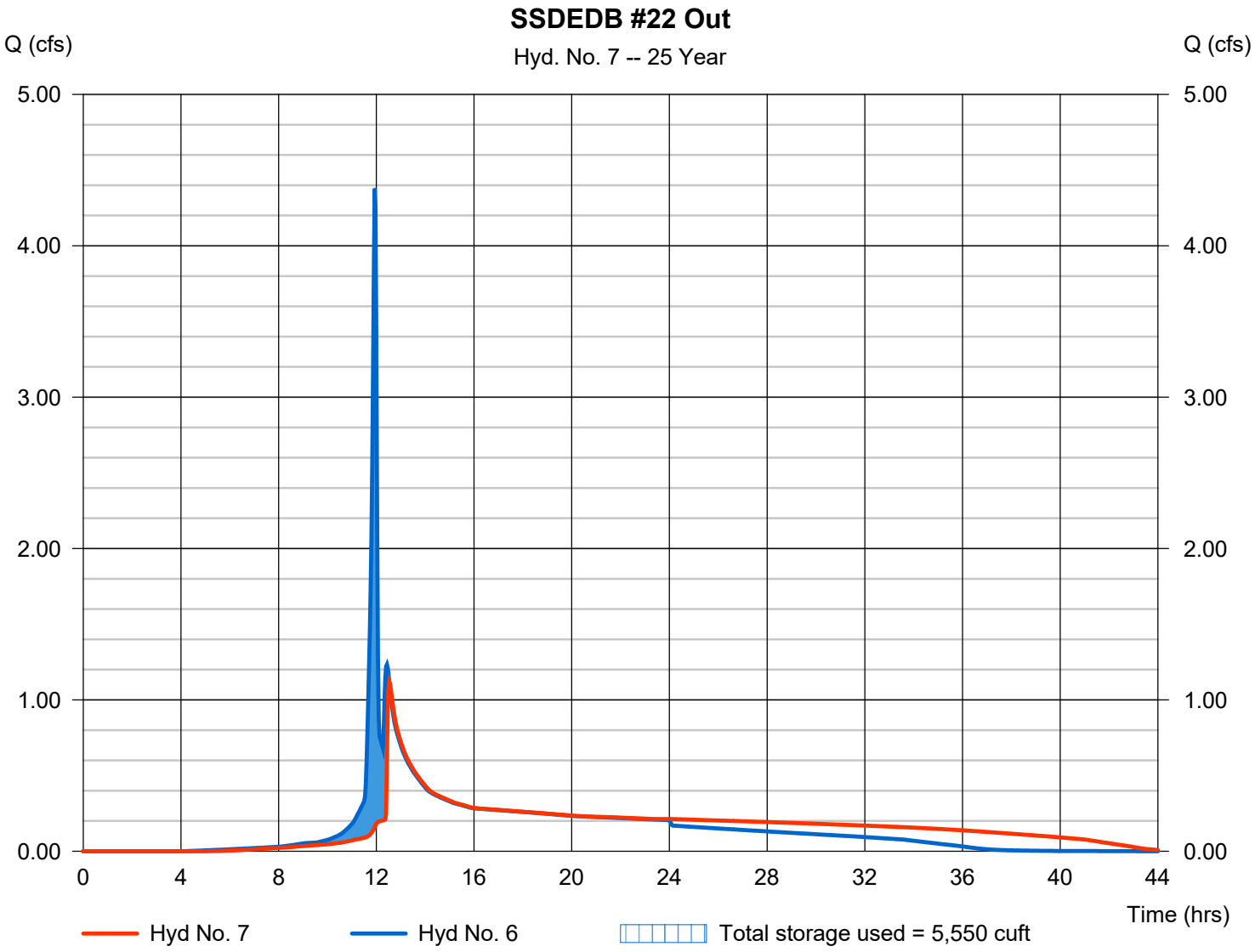
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	=	Reservoir	Peak discharge	=	1.118 cfs
Storm frequency	=	25 yrs	Time to peak	=	12.53 hrs
Time interval	=	2 min	Hyd. volume	=	24,745 cuft
Inflow hyd. No.	=	6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	=	455.41 ft
Reservoir name	=	SSDEDB #22	Max. Storage	=	5,550 cuft

Storage Indication method used.



Hydrograph Report

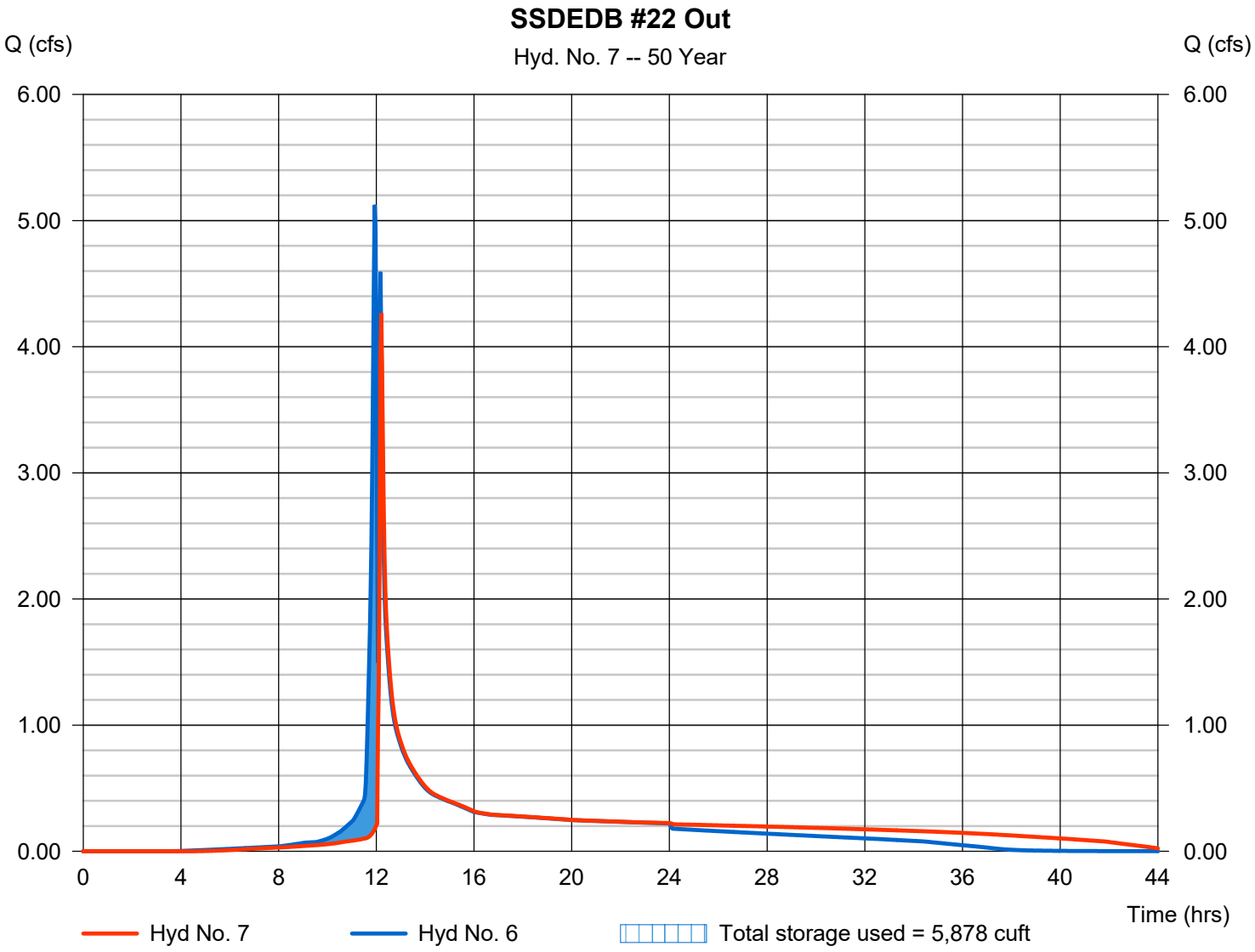
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 4.266 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 30,570 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	= 455.88 ft
Reservoir name	= SSDEDB #22	Max. Storage	= 5,878 cuft

Storage Indication method used.



Hydrograph Report

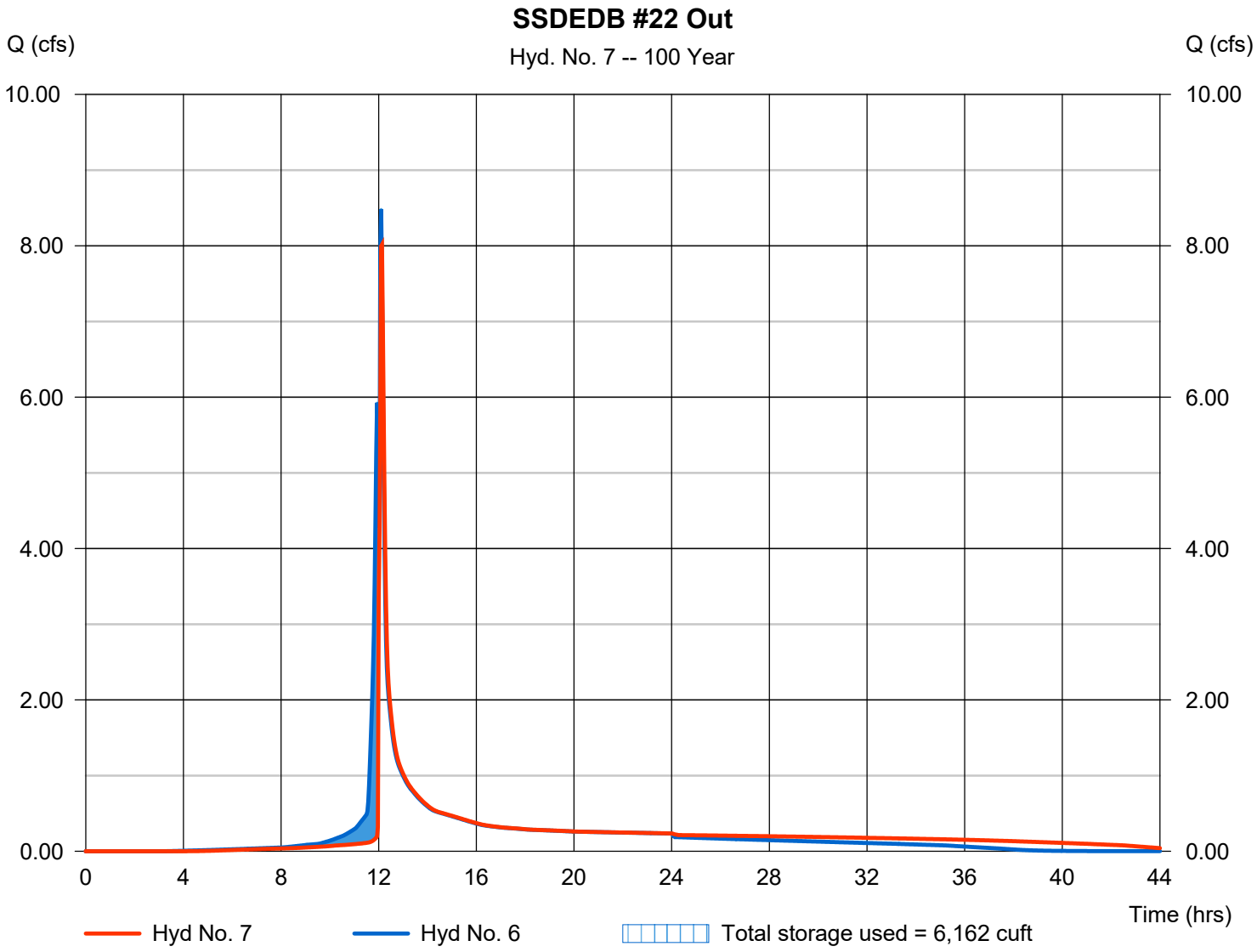
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	=	Reservoir	Peak discharge	=	8.014 cfs
Storm frequency	=	100 yrs	Time to peak	=	12.13 hrs
Time interval	=	2 min	Hyd. volume	=	37,102 cuft
Inflow hyd. No.	=	6 - SSDEDB #21 Out + SSDEDB #22 In	Max. Elevation	=	456.30 ft
Reservoir name	=	SSDEDB #22	Max. Storage	=	6,162 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #23

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.10	61
IMPERVIOUS	0.16	98

TOTAL 0.26

Hydrograph Report

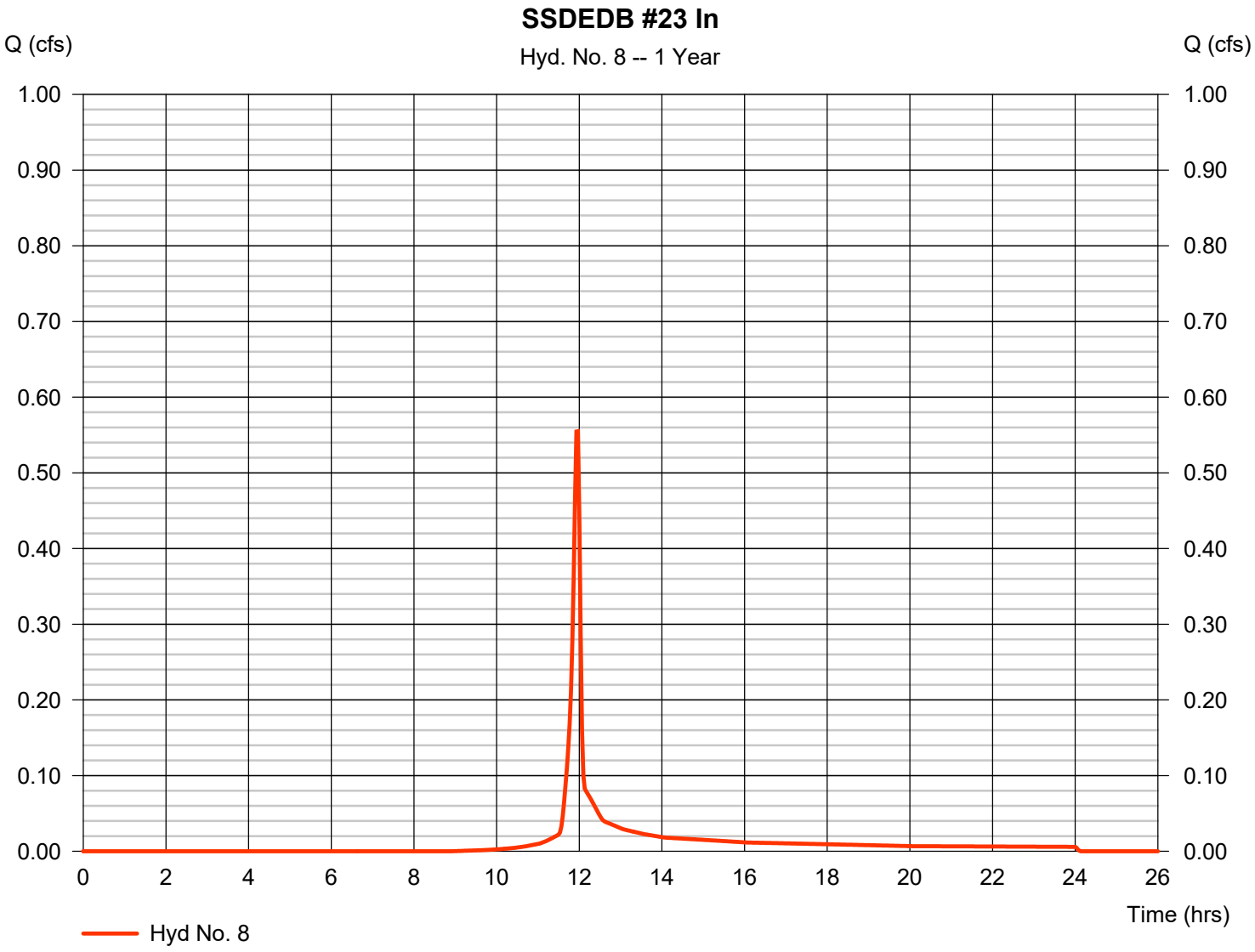
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.555 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 1,120 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

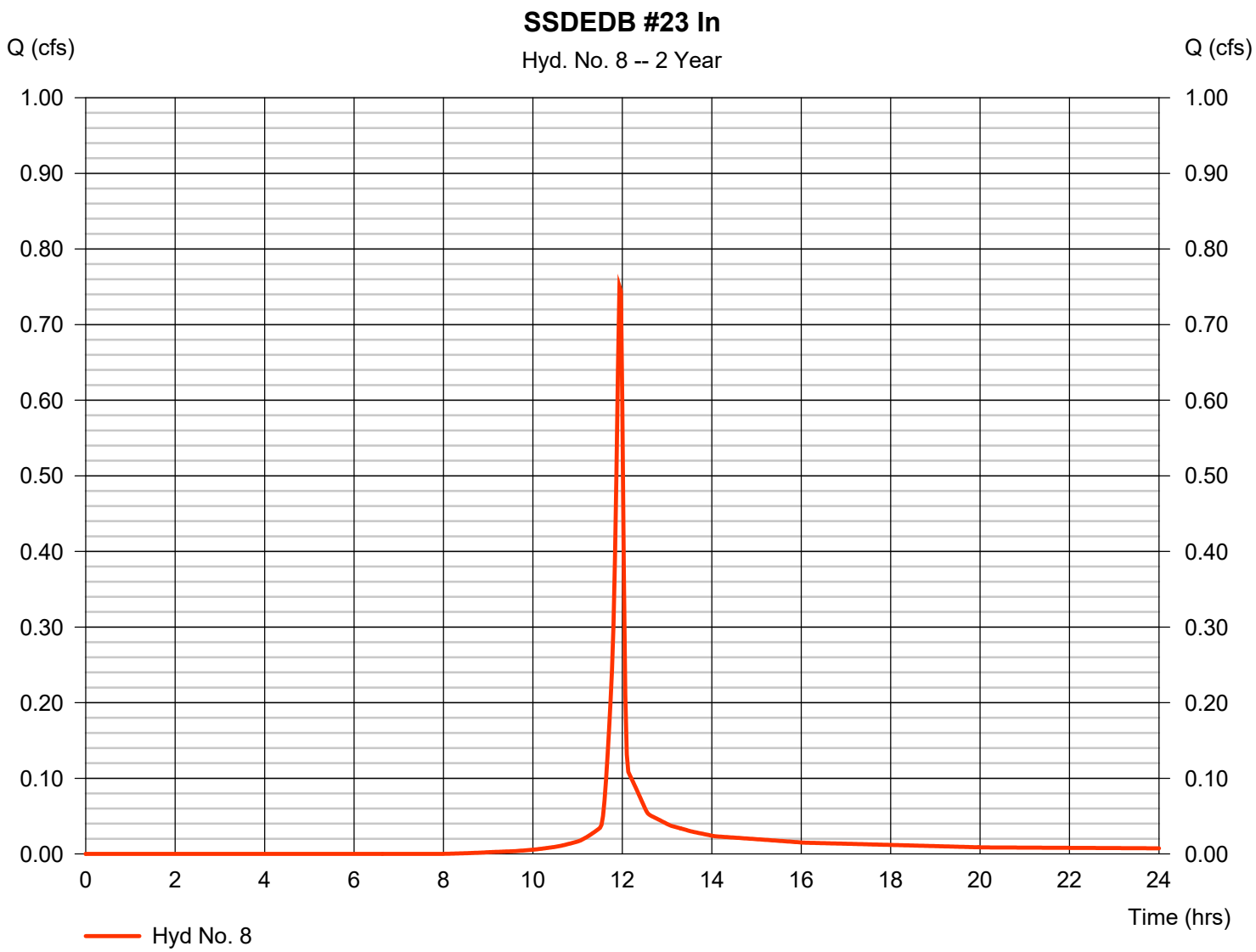
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 0.750 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 1,518 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

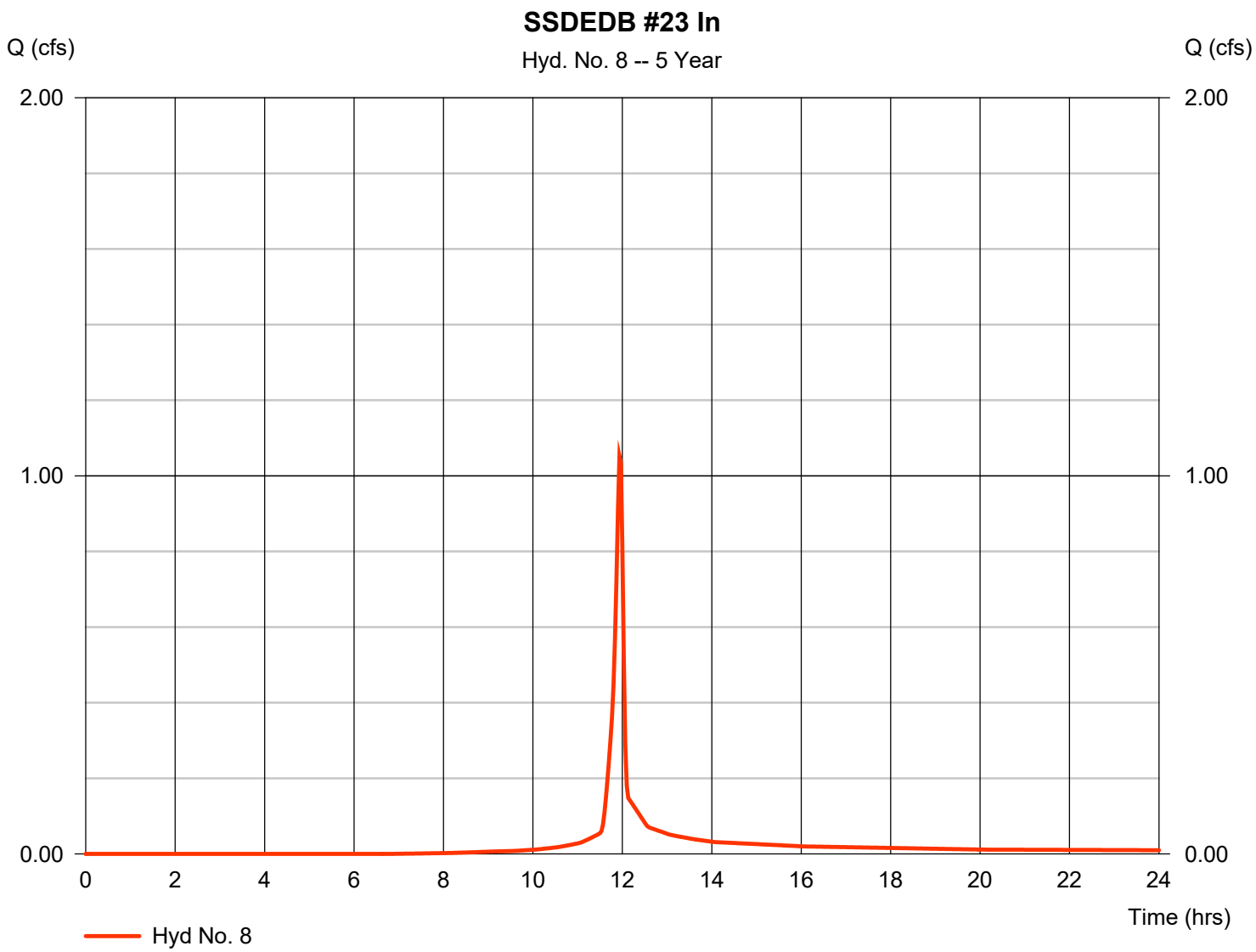
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.051 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 2,145 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

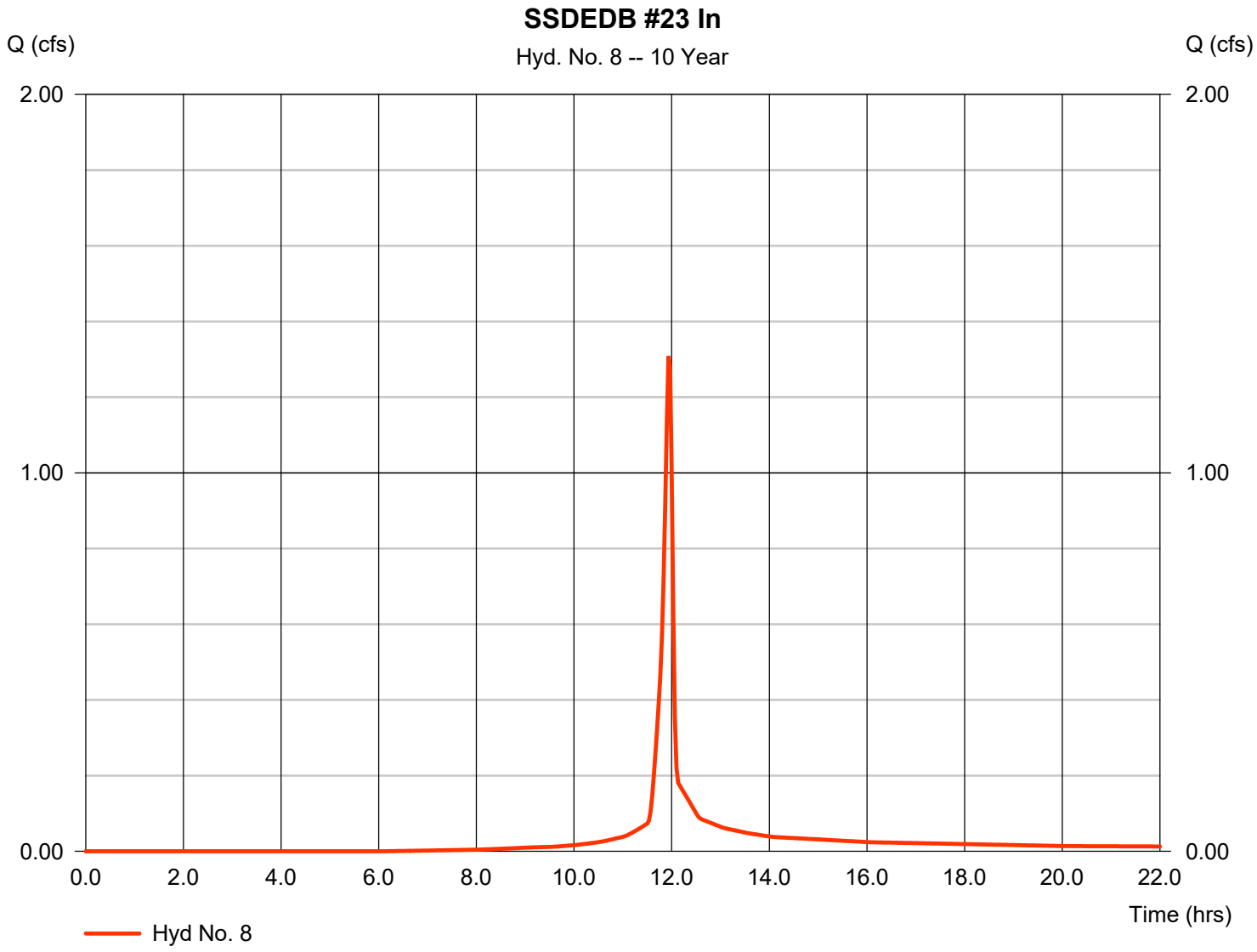
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.309 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 2,692 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

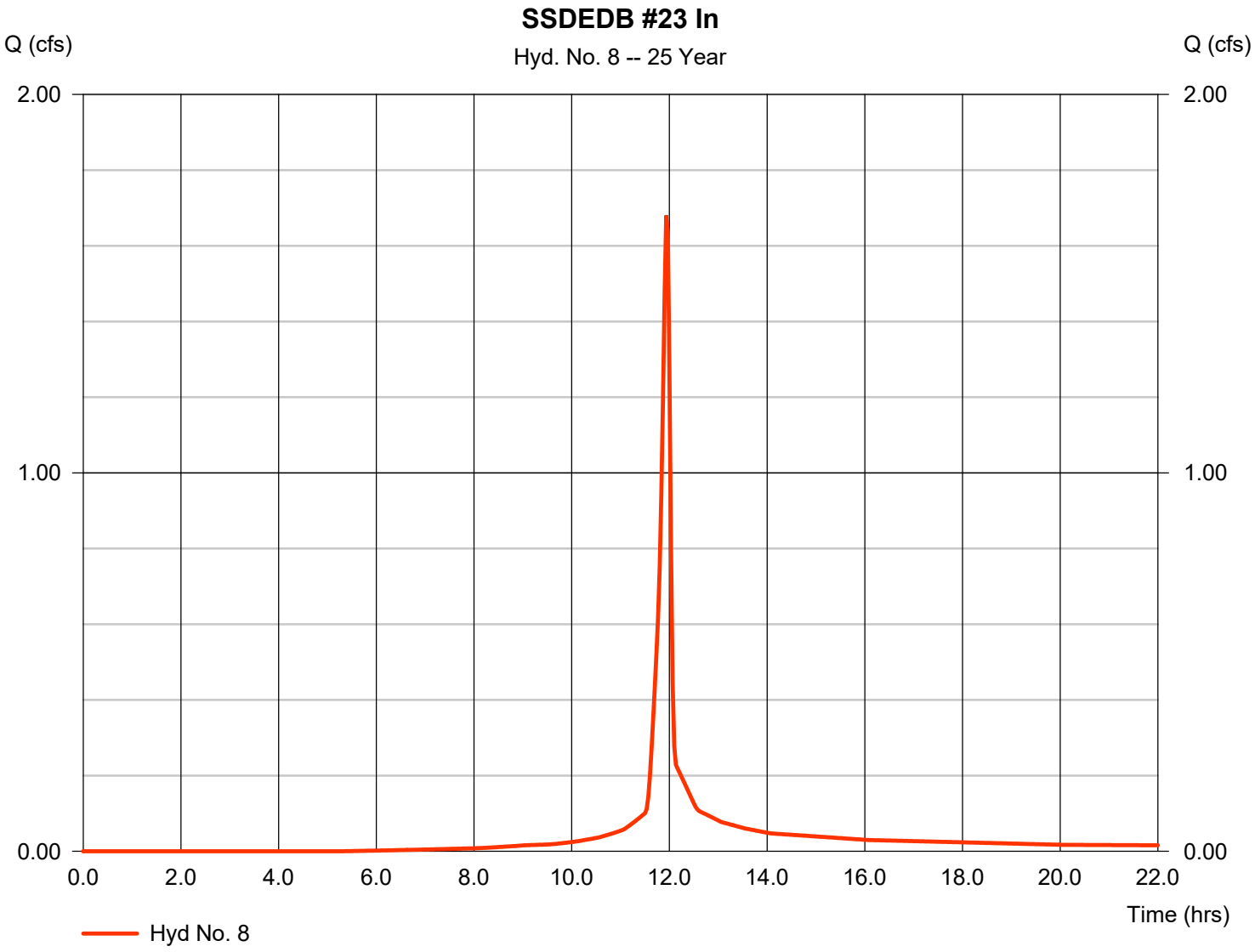
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.680 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 3,498 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

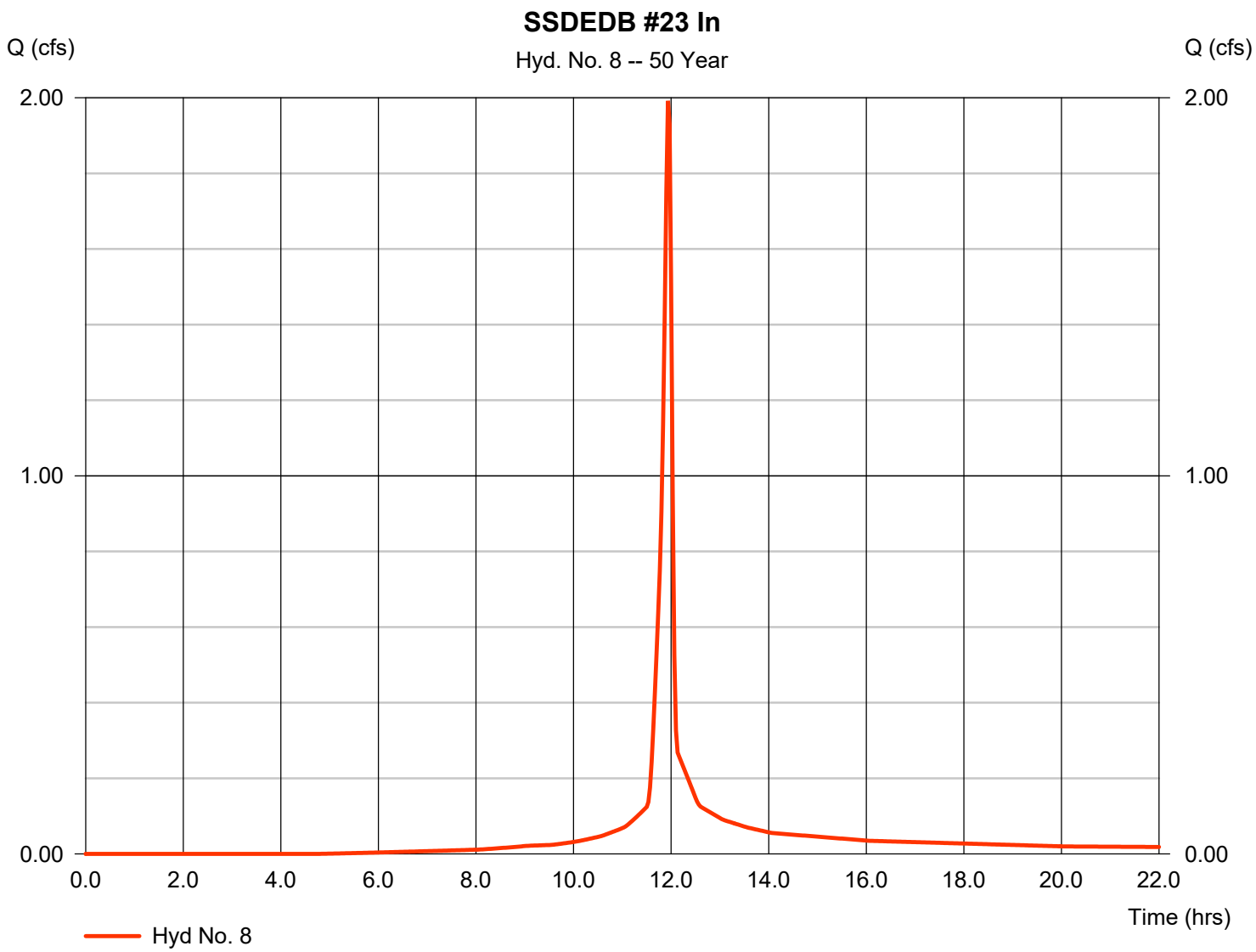
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.992 cfs
Storm frequency	= 50 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 4,187 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



Hydrograph Report

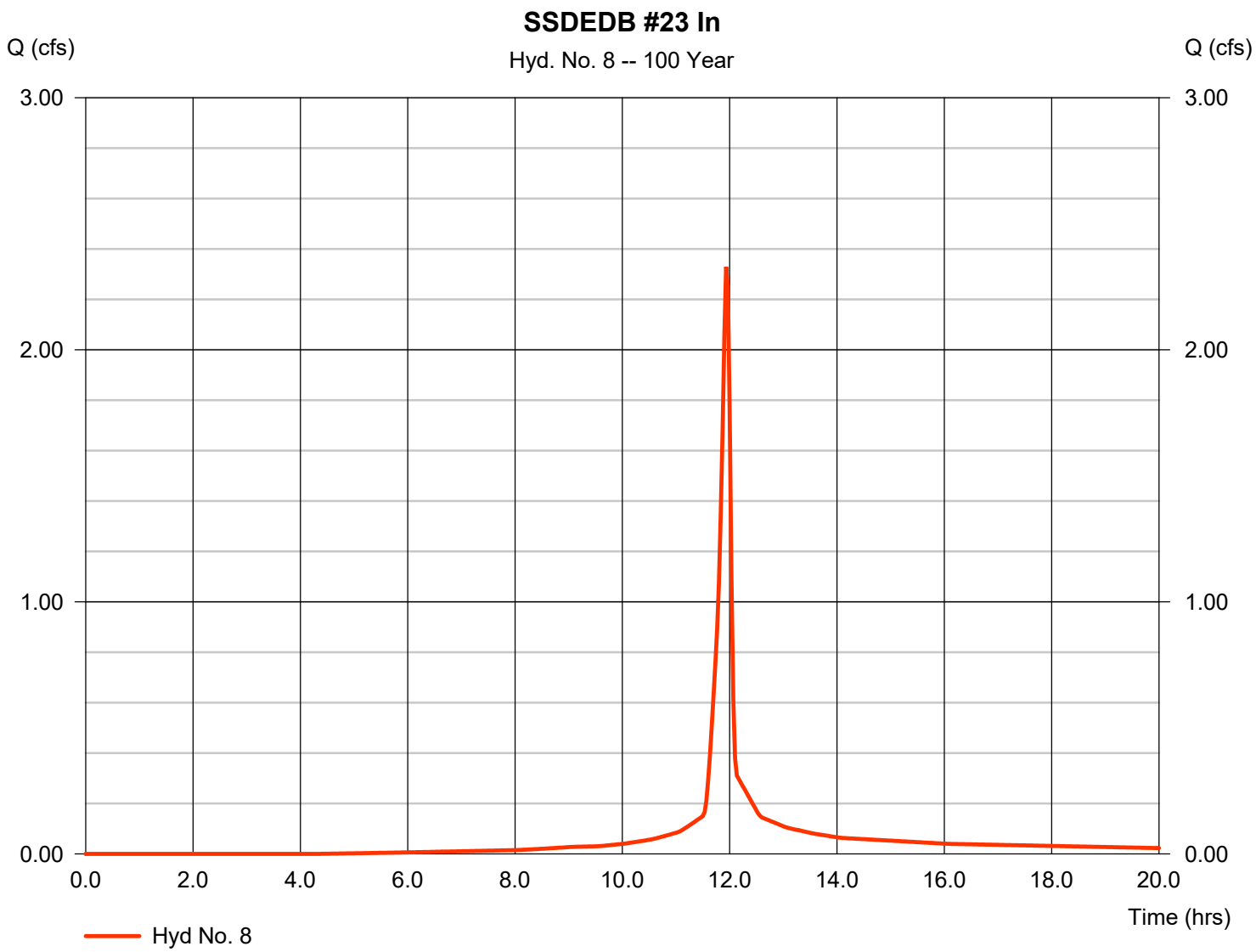
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 8

SSDEDB #23 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.329 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 4,944 cuft
Drainage area	= 0.260 ac	Curve number	= 84*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.100 x 61) + (0.160 x 98)] / 0.260



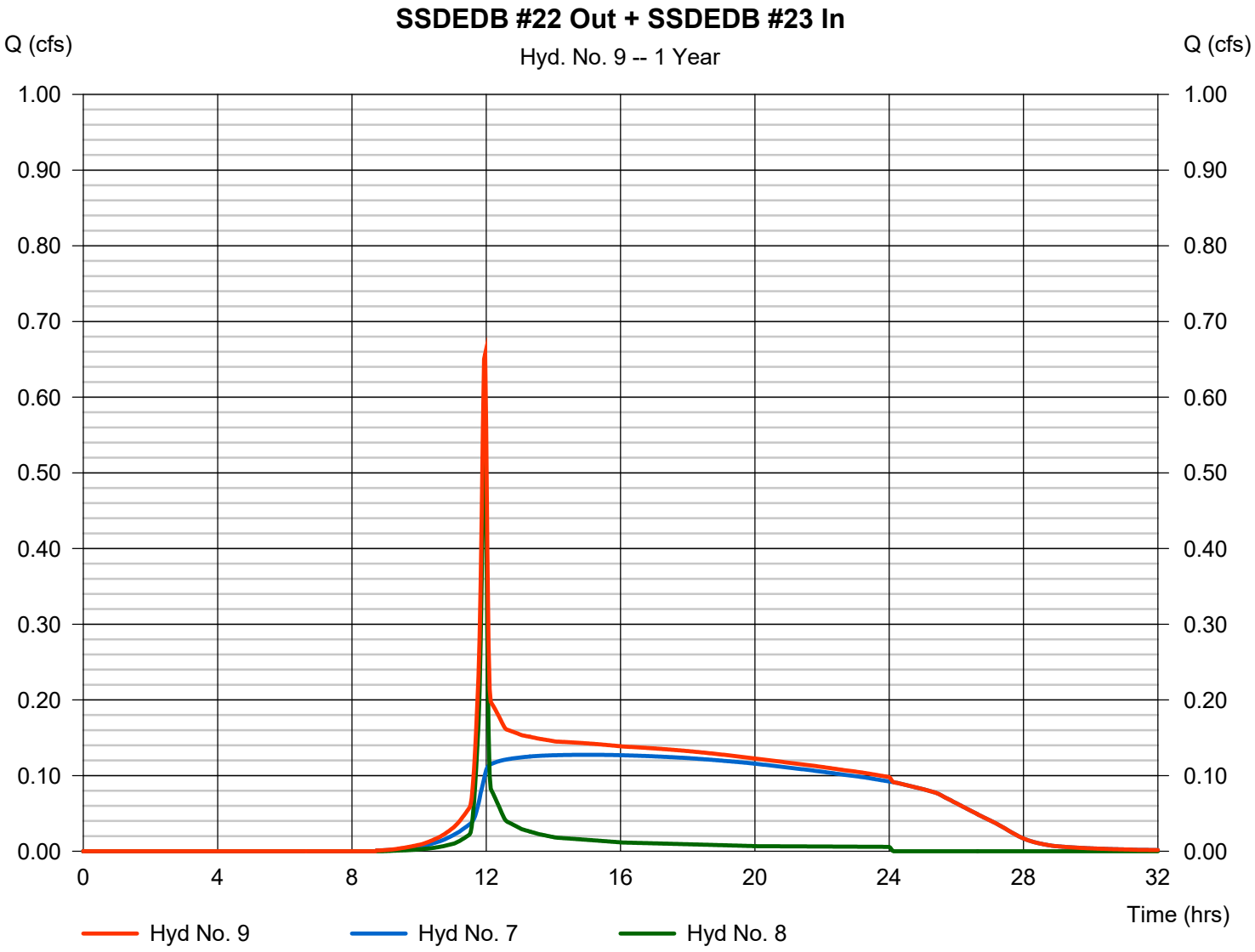
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 0.657 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 7,366 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



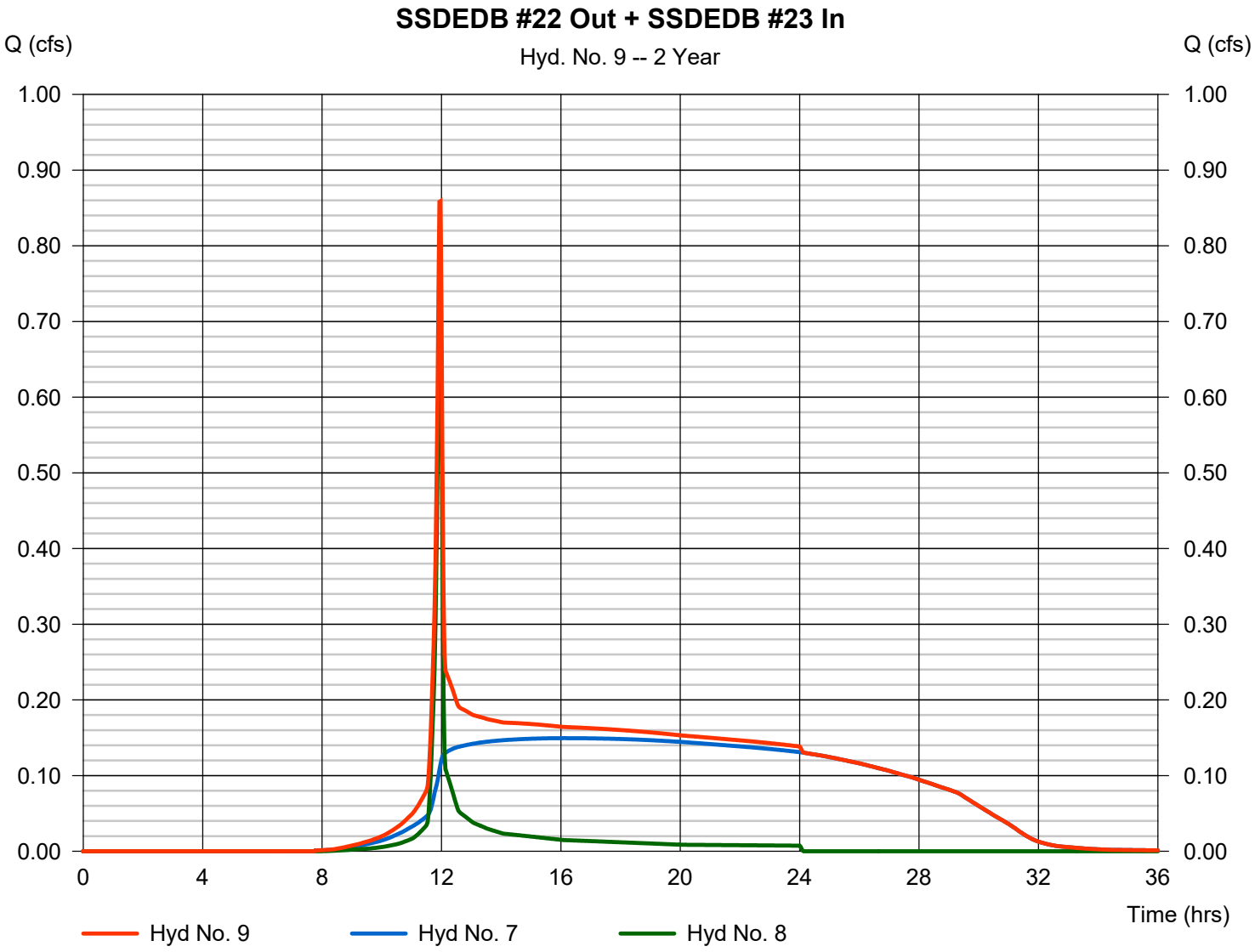
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 0.859 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 10,594 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



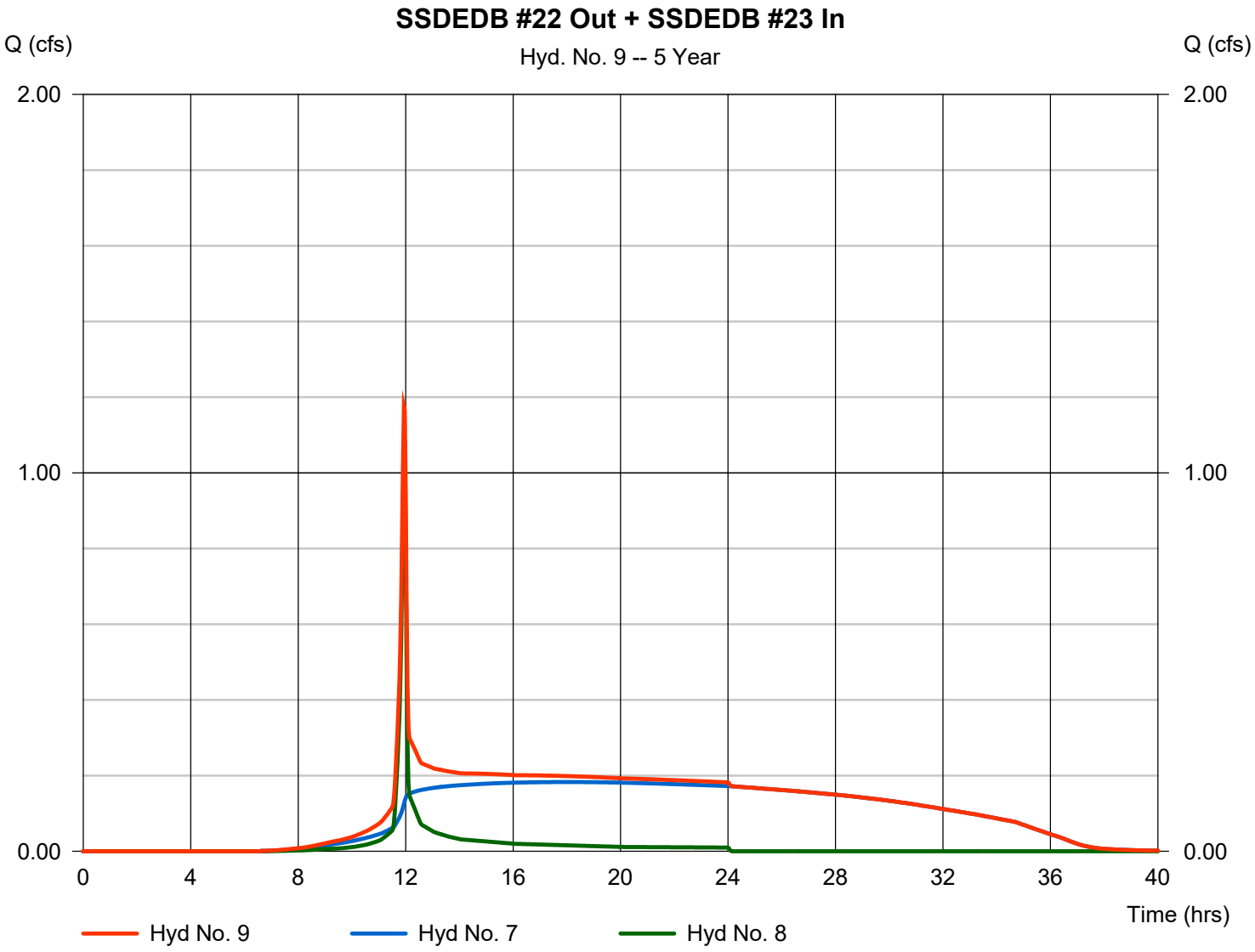
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 1.176 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 15,946 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



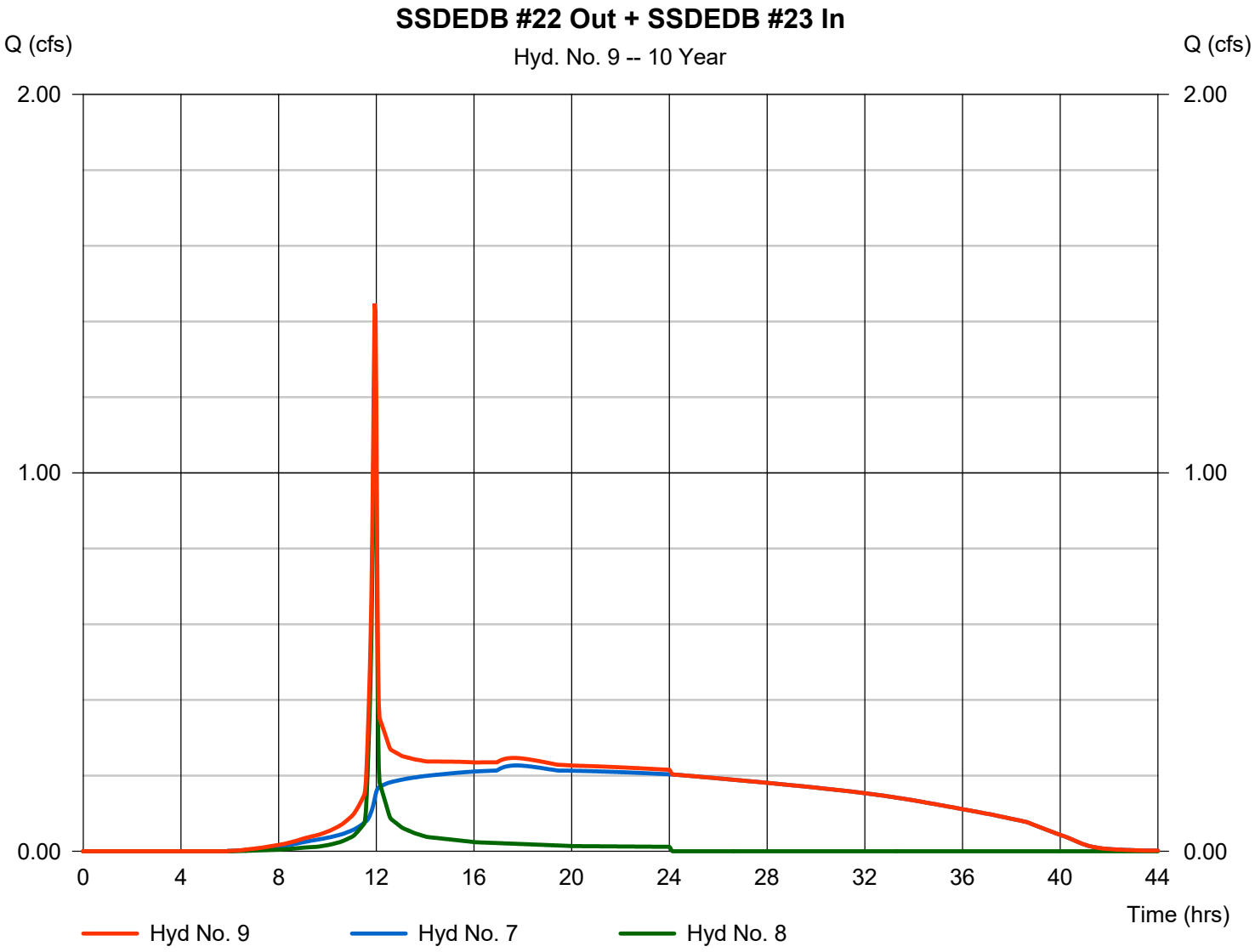
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 1.447 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 20,820 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



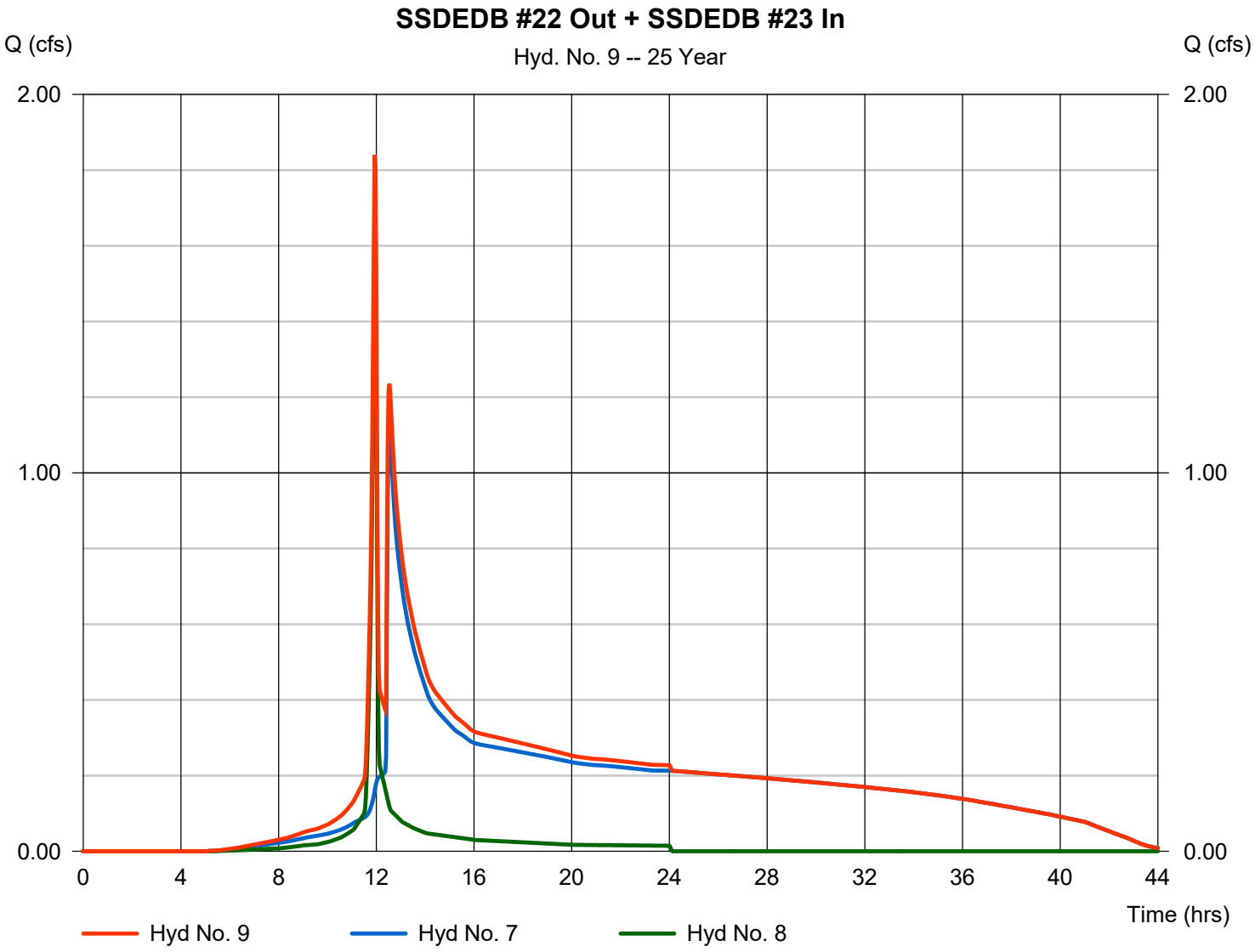
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 1.840 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 28,243 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



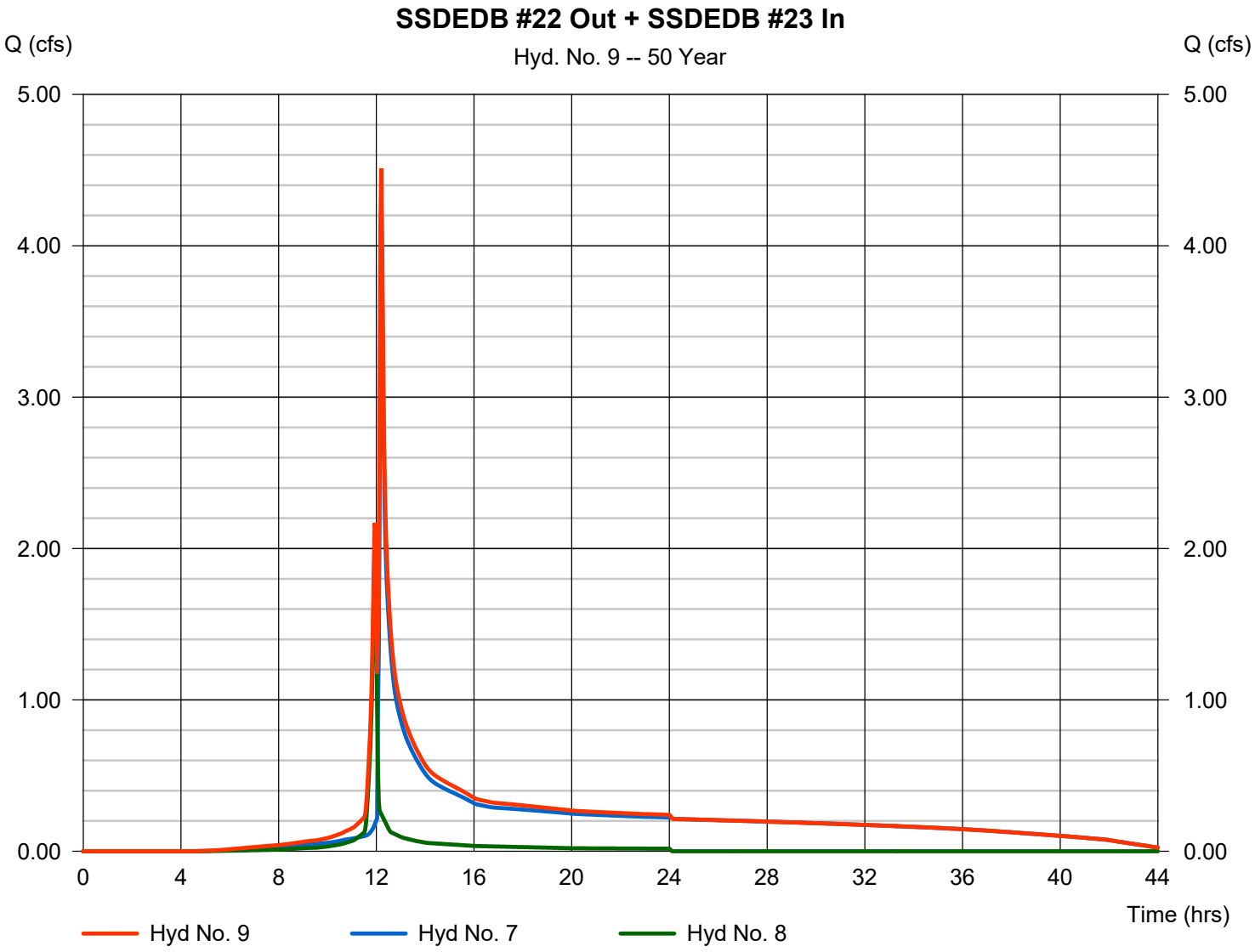
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 4.512 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 34,757 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



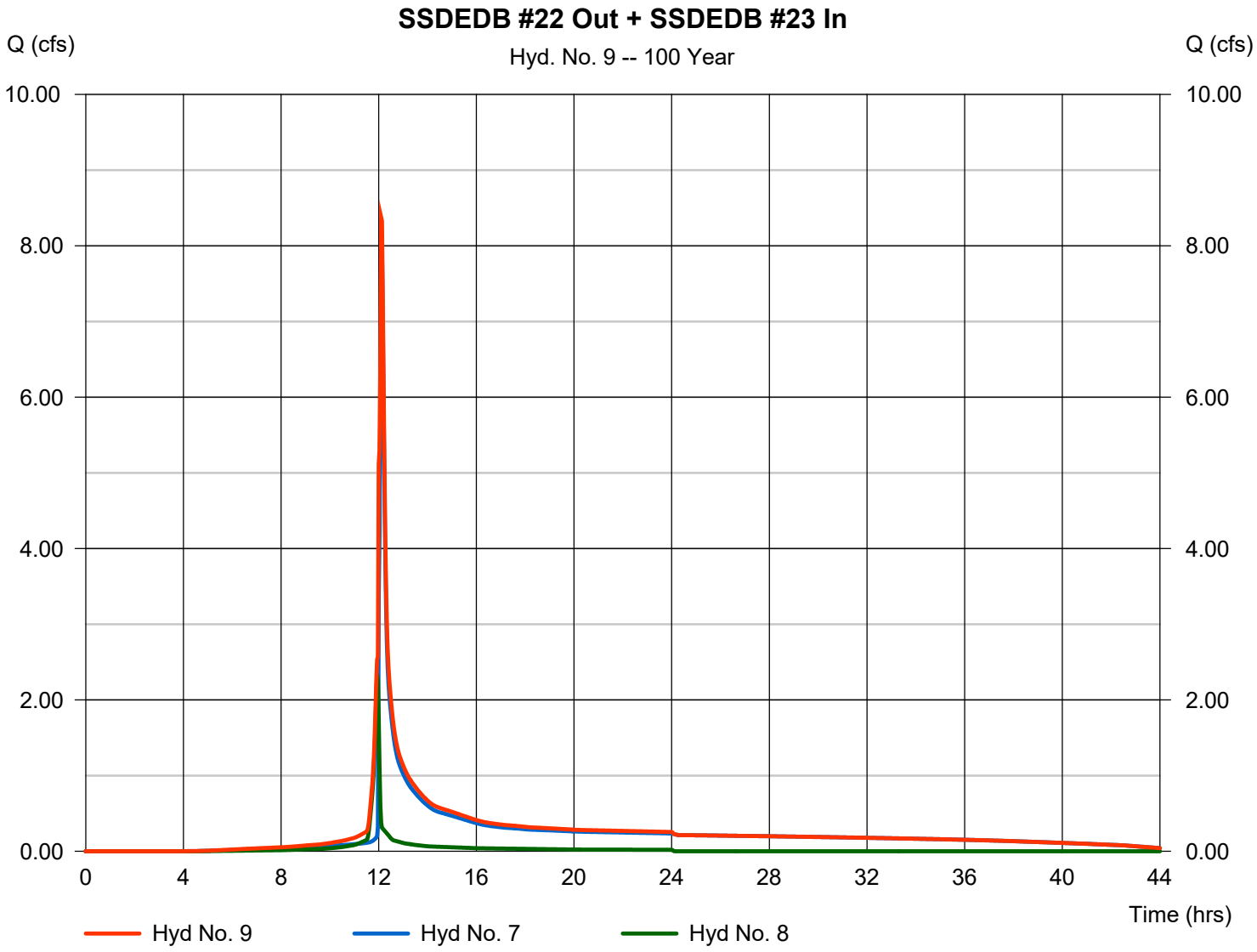
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 9

SSDEDB #22 Out + SSDEDB #23 In

Hydrograph type	= Combine	Peak discharge	= 8.374 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 42,046 cuft
Inflow hyds.	= 7, 8	Contrib. drain. area	= 0.260 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #23

		Volume for One Chamber			# of Chambers 30	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	444.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	444.8833	1.71	0.00	1.71	51.30	0.56	0.00	0.56	3.36	54.66
2	444.9667	1.71	0.00	3.42	102.60	0.58	0.00	1.14	6.84	109.44
3	445.0500	1.72	0.00	5.14	154.20	0.57	0.00	1.71	10.26	164.46
4	445.1333	1.71	0.00	6.85	205.50	0.57	0.00	2.28	13.68	219.18
5	445.2167	1.71	0.00	8.56	256.80	0.57	0.00	2.85	17.10	273.90
6	445.3000	1.71	0.00	10.27	308.10	0.57	0.00	3.42	20.52	328.62
7	445.3833	1.71	0.00	11.98	359.40	0.57	0.00	3.99	23.94	383.34
8	445.4667	1.72	0.00	13.70	411.00	0.56	0.00	4.55	27.30	438.30
9	445.5500	1.71	0.00	15.41	462.30	0.57	0.00	5.12	30.72	493.02
10	445.6333	0.30	3.51	19.22	576.60	0.32	0.63	6.07	36.42	613.02
11	445.7167	0.33	3.47	23.02	690.60	0.32	0.63	7.02	42.12	732.72
12	445.8000	0.33	3.46	26.81	804.30	0.32	0.62	7.96	47.76	852.06
13	445.8833	0.33	3.44	30.58	917.40	0.33	0.61	8.90	53.40	970.80
14	445.9667	0.35	3.41	34.34	1030.20	0.32	0.61	9.83	58.98	1089.18
15	446.0500	0.35	3.40	38.09	1142.70	0.33	0.60	10.76	64.56	1207.26
16	446.1333	0.38	3.36	41.83	1254.90	0.33	0.60	11.69	70.14	1325.04
17	446.2167	0.36	3.35	45.54	1366.20	0.34	0.58	12.61	75.66	1441.86
18	446.3000	0.39	3.32	49.25	1477.50	0.33	0.58	13.52	81.12	1558.62
19	446.3833	0.39	3.29	52.93	1587.90	0.34	0.57	14.43	86.58	1674.48
20	446.4667	0.41	3.26	56.60	1698.00	0.35	0.56	15.34	92.04	1790.04
21	446.5500	0.42	3.23	60.25	1807.50	0.36	0.54	16.24	97.44	1904.94
22	446.6333	0.43	3.20	63.88	1916.40	0.35	0.54	17.13	102.78	2019.18
23	446.7167	0.46	3.16	67.50	2025.00	0.36	0.52	18.01	108.06	2133.06
24	446.8000	0.46	3.13	71.09	2132.70	0.36	0.51	18.88	113.28	2245.98
25	446.8833	0.46	3.10	74.65	2239.50	0.38	0.49	19.75	118.50	2358.00
26	446.9667	0.50	3.05	78.20	2346.00	0.38	0.48	20.61	123.66	2469.66
27	447.0500	0.51	3.01	81.72	2451.60	0.38	0.46	21.45	128.70	2580.30
28	447.1333	0.52	2.97	85.21	2556.30	0.39	0.45	22.29	133.74	2690.04
29	447.2167	0.54	2.93	88.68	2660.40	0.40	0.43	23.12	138.72	2799.12
30	447.3000	0.57	2.87	92.12	2763.60	0.40	0.41	23.93	143.58	2907.18
31	447.3833	0.57	2.83	95.52	2865.60	0.42	0.39	24.74	148.44	3014.04
32	447.4667	0.61	2.77	98.90	2967.00	0.42	0.37	25.53	153.18	3120.18
33	447.5500	0.62	2.72	102.24	3067.20	0.42	0.35	26.30	157.80	3225.00
34	447.6333	0.65	2.65	105.54	3166.20	0.45	0.33	27.08	162.48	3328.68
35	447.7167	0.67	2.60	108.81	3264.30	0.44	0.32	27.84	167.04	3431.34
36	447.8000	0.71	2.52	112.04	3361.20	0.45	0.29	28.58	171.48	3532.68
37	447.8833	0.73	2.46	115.23	3456.90	0.46	0.27	29.31	175.86	3632.76
38	447.9667	0.75	2.39	118.37	3551.10	0.46	0.26	30.03	180.18	3731.28
39	448.0500	0.80	2.30	121.47	3644.10	0.48	0.24	30.75	184.50	3828.60
40	448.1333	0.81	2.23	124.51	3735.30	0.49	0.21	31.45	188.70	3924.00
41	448.2167	0.87	2.13	127.51	3825.30	0.48	0.20	32.13	192.78	4018.08
42	448.3000	0.89	2.04	130.44	3913.20	0.50	0.18	32.81	196.86	4110.06
43	448.3833	0.94	1.94	133.32	3999.60	0.51	0.16	33.48	200.88	4200.48
44	448.4667	0.98	1.83	136.13	4083.90	0.51	0.14	34.13	204.78	4288.68
45	448.5500	1.02	1.71	138.86	4165.80	0.52	0.12	34.77	208.62	4374.42
46	448.6333	1.09	1.57	141.52	4245.60	0.53	0.10	35.40	212.40	4458.00
47	448.7167	1.15	1.42	144.09	4322.70	0.53	0.09	36.02	216.12	4538.82
48	448.8000	1.21	1.25	146.55	4396.50	0.55	0.07	36.64	219.84	4616.34
49	448.8833	1.30	1.03	148.88	4466.40	0.55	0.05	37.24	223.44	4689.84
50	448.9667	1.43	0.69	151.00	4530.00	0.55	0.04	37.83	226.98	4756.98
51	449.0500	1.55	0.40	152.95	4588.50	0.56	0.02	38.41	230.46	4818.96
52	449.1333	1.60	0.29	154.84	4645.20	0.57	0.01	38.99	233.94	4879.14
53	449.2167	1.63	0.20	156.67	4700.10	0.56	0.01	39.56	237.36	4937.46
54	449.3000	1.69	0.06	158.42	4752.60	0.57	0.00	40.13	240.78	4993.38
55	449.3833	1.71	0.00	160.13	4803.90	0.57	0.00	40.70	244.20	5048.10
56	449.4667	1.71	0.00	161.84	4855.20	0.57	0.00	41.27	247.62	5102.82
57	449.5500	1.71	0.00	163.55	4906.50	0.57	0.00	41.84	251.04	5157.54
58	449.6333	1.72	0.00	165.27	4958.10	0.57	0.00	42.41	254.46	5212.56
59	449.7167	1.71	0.00	166.98	5009.40	0.57	0.00	42.98	257.88	5267.28
60	449.8000	1.71	0.00	168.69	5060.70	0.56	0.00	43.54	261.24	5321.94
61	449.8833	1.71	0.00	170.40	5112.00	0.57	0.00	44.11	264.66	5376.66
62	449.9667	1.71	0.00	172.11	5163.30	0.57	0.00	44.68	268.08	5431.38
63	450.0500	1.72	0.00	173.83	5214.90	0.57	0.00	45.25	271.50	5486.40
64	450.1333	1.71	0.00	175.54	5266.20	0.57	0.00	45.82	274.92	5541.12
65	450.2167	1.71	0.00	177.25	5317.50	0.57	0.00	46.39	278.34	5595.84
66	450.3000	1.71	0.00	178.96	5368.80	0.57	0.00	46.96	281.76	5650.56

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 3 - SSDEDB #23

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	444.80	n/a	0	0
0.33	445.13	n/a	219	219
0.67	445.47	n/a	219	438
1.00	445.80	n/a	414	852
1.33	446.13	n/a	473	1,325
1.67	446.47	n/a	465	1,790
2.00	446.80	n/a	456	2,246
2.33	447.13	n/a	444	2,690
2.67	447.47	n/a	430	3,120
3.00	447.80	n/a	413	3,533
3.33	448.13	n/a	391	3,924
3.67	448.47	n/a	365	4,289
4.00	448.80	n/a	328	4,616
4.33	449.13	n/a	263	4,879
4.67	449.47	n/a	224	5,103
5.00	449.80	n/a	219	5,322
5.33	450.13	n/a	219	5,541
5.50	450.30	n/a	109	5,651

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 15.00	2.00	Inactive	0.00
Span (in)	= 15.00	2.00	0.00	0.00
No. Barrels	= 1	1	1	0
Invert El. (ft)	= 444.80	444.80	0.00	0.00
Length (ft)	= 42.00	0.00	0.00	0.00
Slope (%)	= 1.02	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	Yes	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	Inactive	0.00	0.00
Crest El. (ft)	= 449.10	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	Rect	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	444.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	219	445.13	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	438	445.47	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	852	445.80	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,325	446.13	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	1,790	446.47	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,246	446.80	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	2,690	447.13	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	3,120	447.47	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	3,533	447.80	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	3,924	448.13	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	4,289	448.47	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	4,616	448.80	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	4,879	449.13	0.26 ic	0.21 ic	---	---	0.04	---	---	---	---	---	0.253
4.67	5,103	449.47	1.69 ic	0.21 ic	---	---	1.48	---	---	---	---	---	1.687
5.00	5,322	449.80	4.10 ic	0.21 ic	---	---	3.90	---	---	---	---	---	4.104
5.33	5,541	450.13	7.18 ic	0.19 ic	---	---	6.99	---	---	---	---	---	7.179
5.50	5,651	450.30	8.92 ic	0.17 ic	---	---	8.75	---	---	---	---	---	8.924

Hydrograph Report

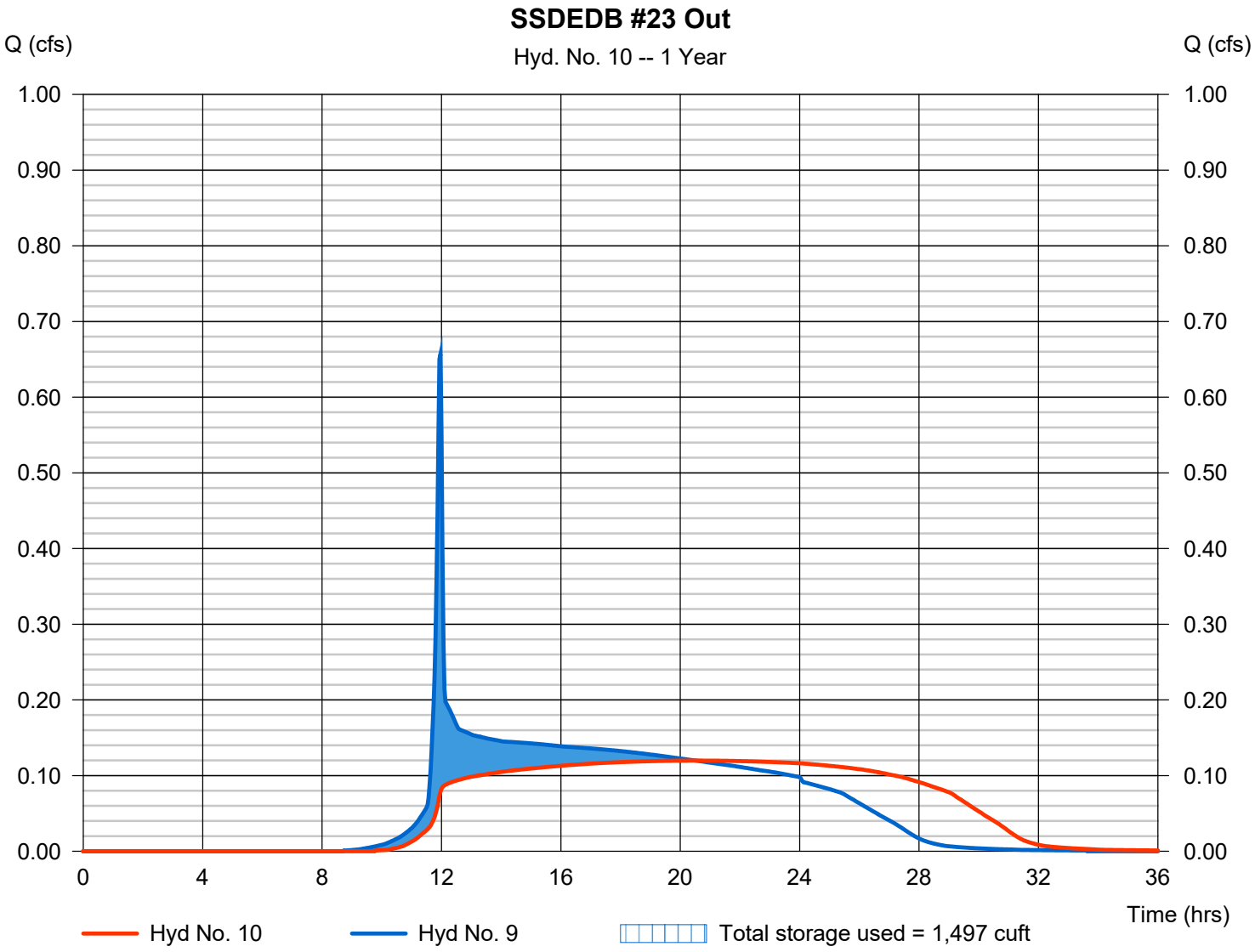
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.120 cfs
Storm frequency	= 1 yrs	Time to peak	= 20.50 hrs
Time interval	= 2 min	Hyd. volume	= 7,354 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	= 446.26 ft
Reservoir name	= SSDEDB #23	Max. Storage	= 1,497 cuft

Storage Indication method used.



Hydrograph Report

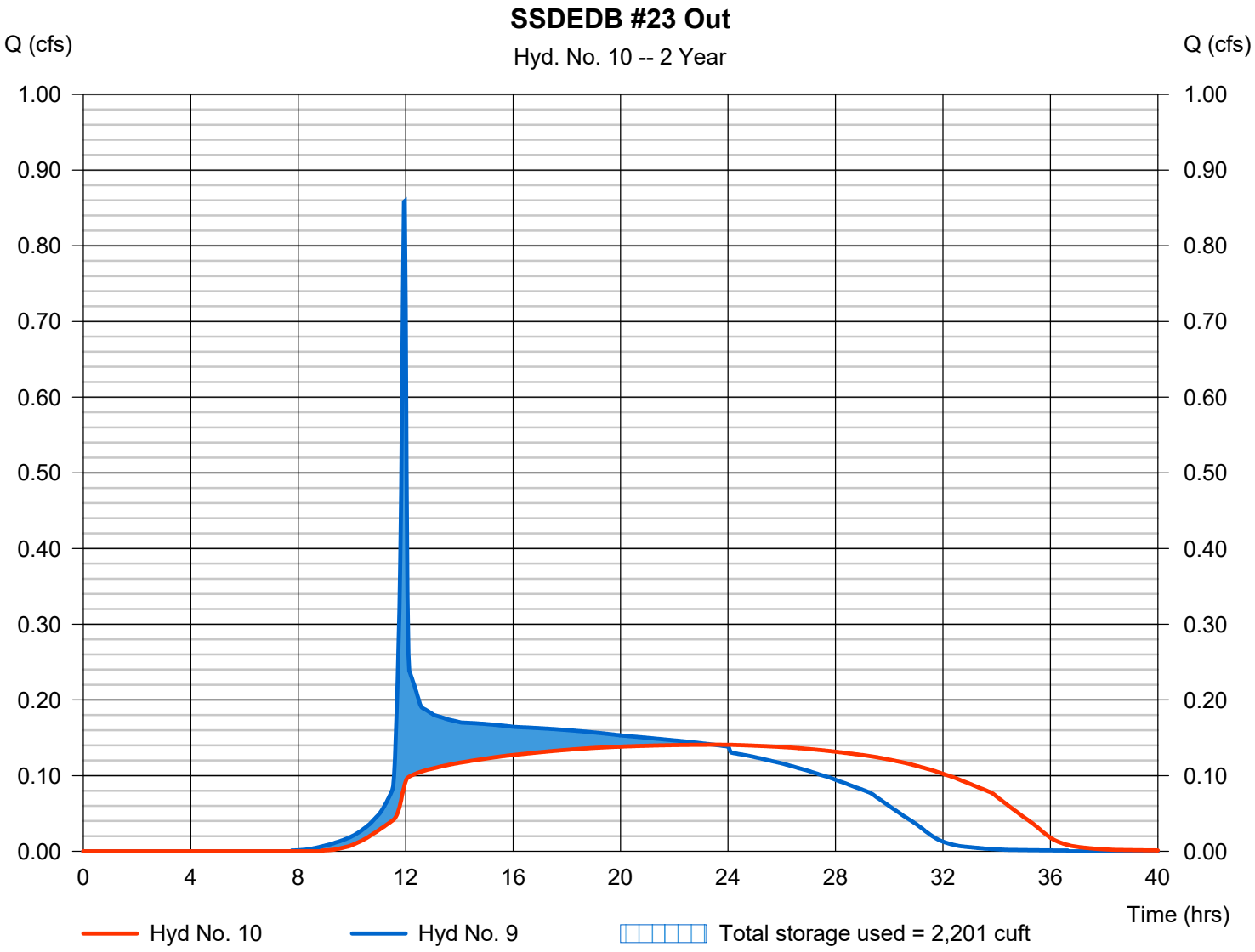
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.141 cfs
Storm frequency	= 2 yrs	Time to peak	= 23.47 hrs
Time interval	= 2 min	Hyd. volume	= 10,583 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	= 446.77 ft
Reservoir name	= SSDEDB #23	Max. Storage	= 2,201 cuft

Storage Indication method used.



Hydrograph Report

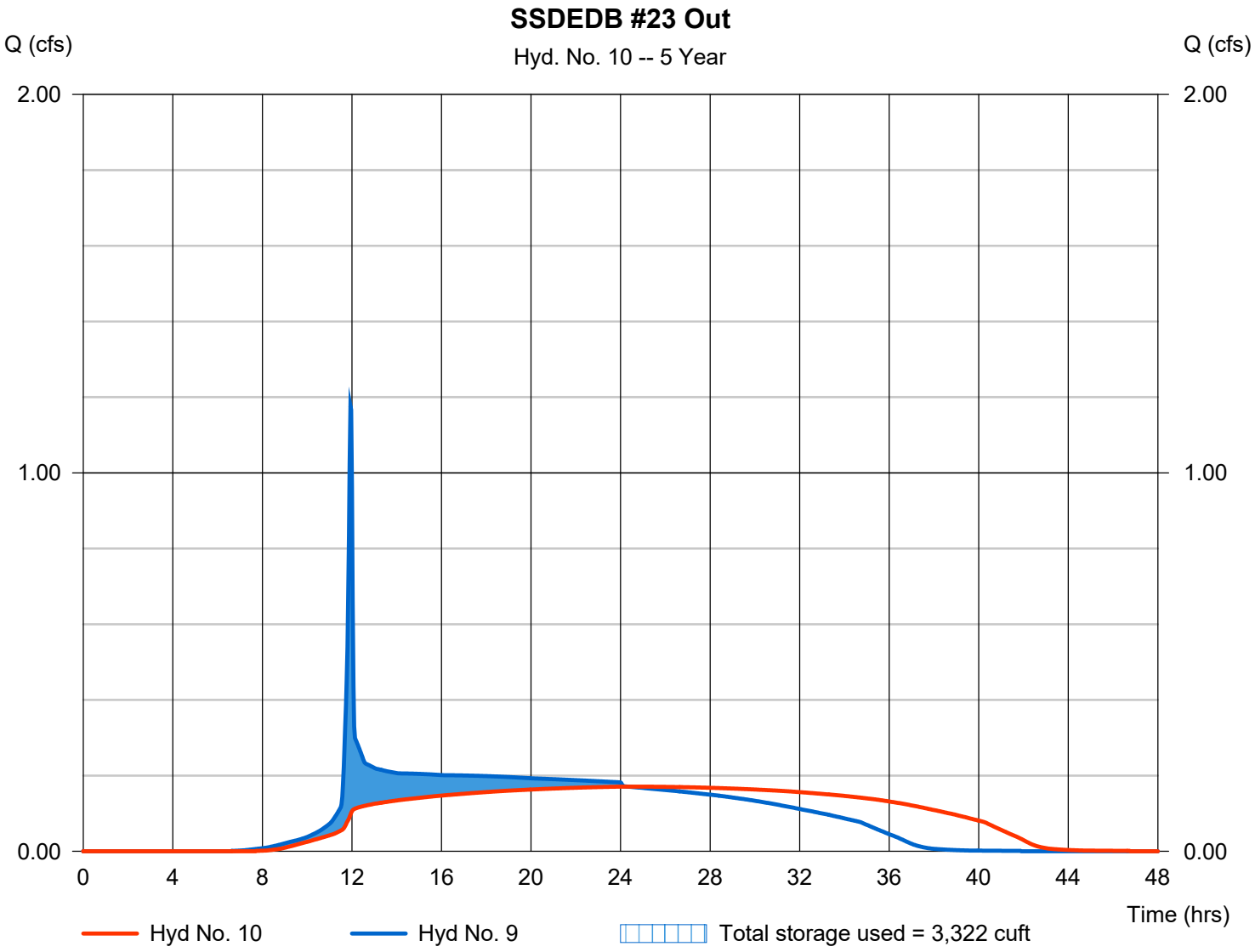
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.171 cfs
Storm frequency	=	5 yrs	Time to peak	=	24.33 hrs
Time interval	=	2 min	Hyd. volume	=	15,935 cuft
Inflow hyd. No.	=	9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	=	447.63 ft
Reservoir name	=	SSDEDB #23	Max. Storage	=	3,322 cuft

Storage Indication method used.



Hydrograph Report

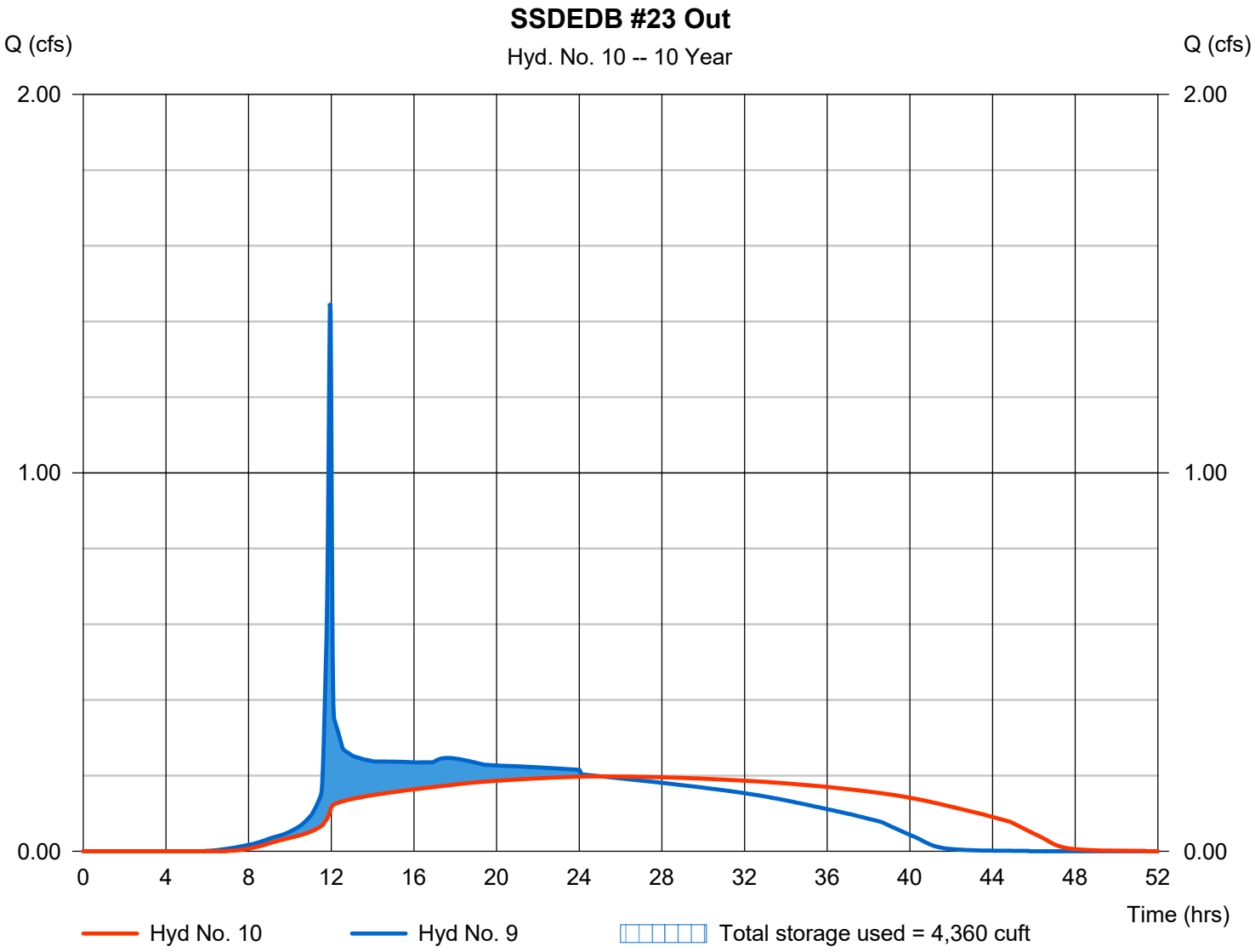
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.198 cfs
Storm frequency	=	10 yrs	Time to peak	=	25.13 hrs
Time interval	=	2 min	Hyd. volume	=	20,809 cuft
Inflow hyd. No.	=	9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	=	448.54 ft
Reservoir name	=	SSDEDB #23	Max. Storage	=	4,360 cuft

Storage Indication method used.



Hydrograph Report

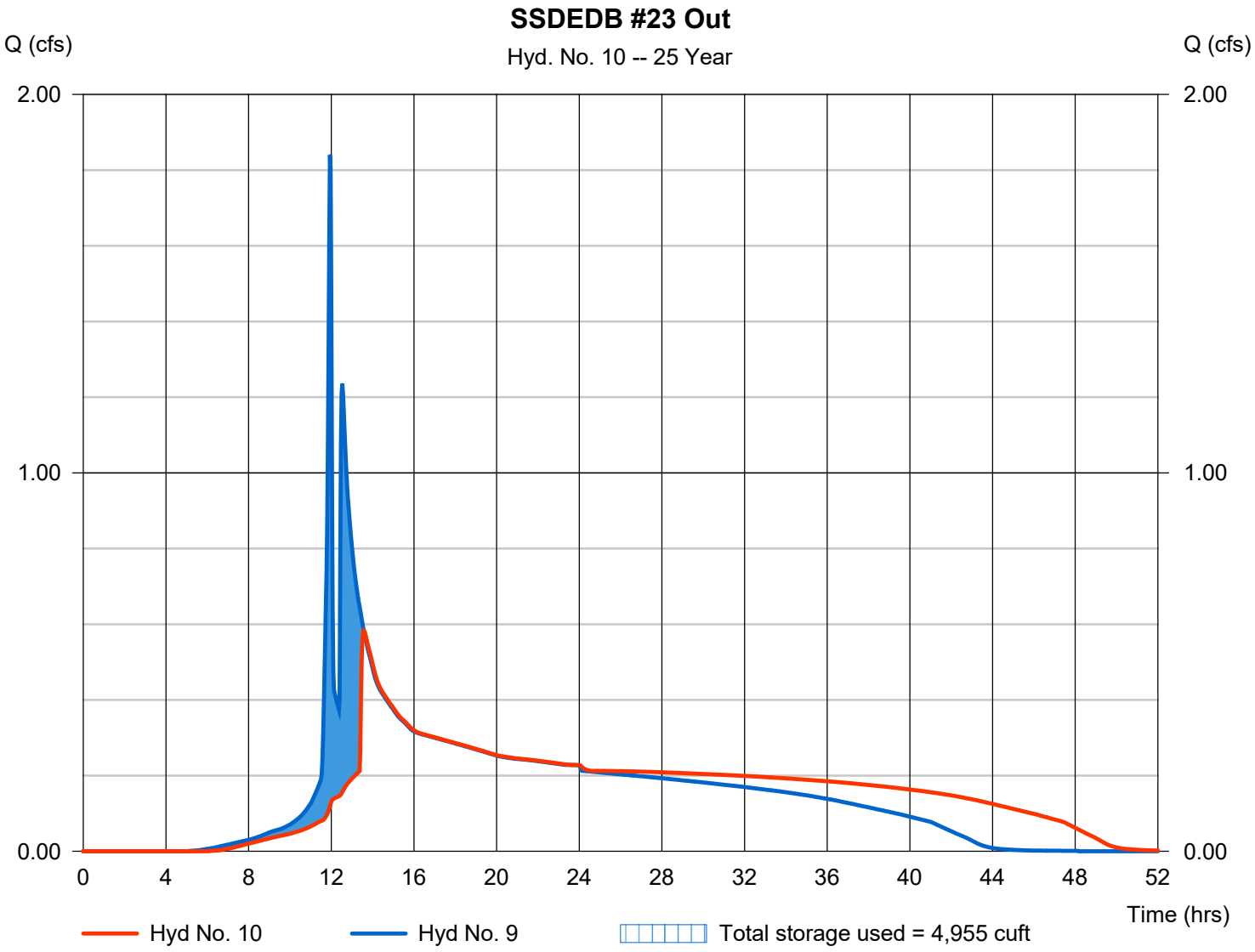
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.583 cfs
Storm frequency	=	25 yrs	Time to peak	=	13.57 hrs
Time interval	=	2 min	Hyd. volume	=	28,231 cuft
Inflow hyd. No.	=	9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	=	449.25 ft
Reservoir name	=	SSDEDB #23	Max. Storage	=	4,955 cuft

Storage Indication method used.



Hydrograph Report

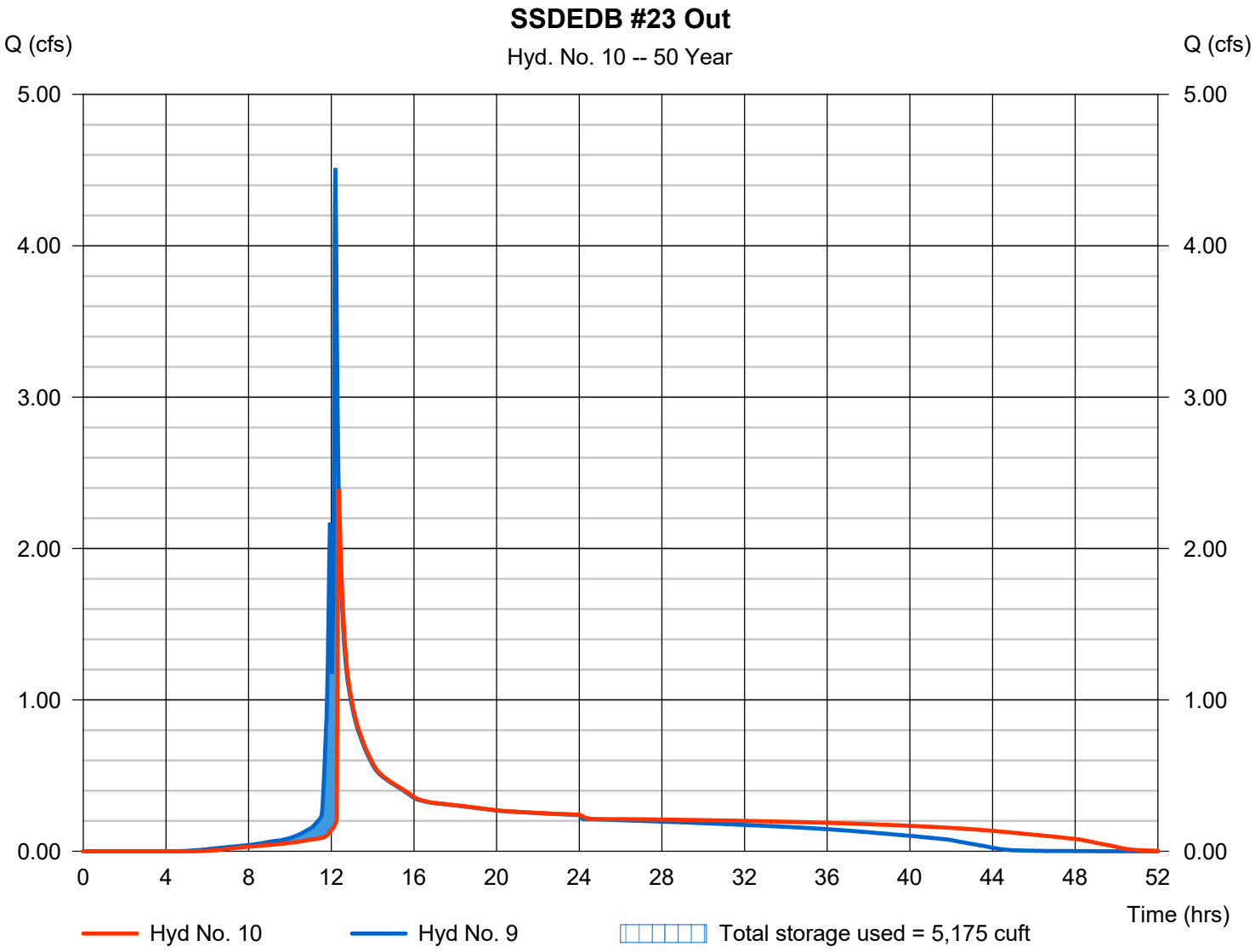
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	=	Reservoir	Peak discharge	=	2.394 cfs
Storm frequency	=	50 yrs	Time to peak	=	12.37 hrs
Time interval	=	2 min	Hyd. volume	=	34,746 cuft
Inflow hyd. No.	=	9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	=	449.59 ft
Reservoir name	=	SSDEDB #23	Max. Storage	=	5,175 cuft

Storage Indication method used.



Hydrograph Report

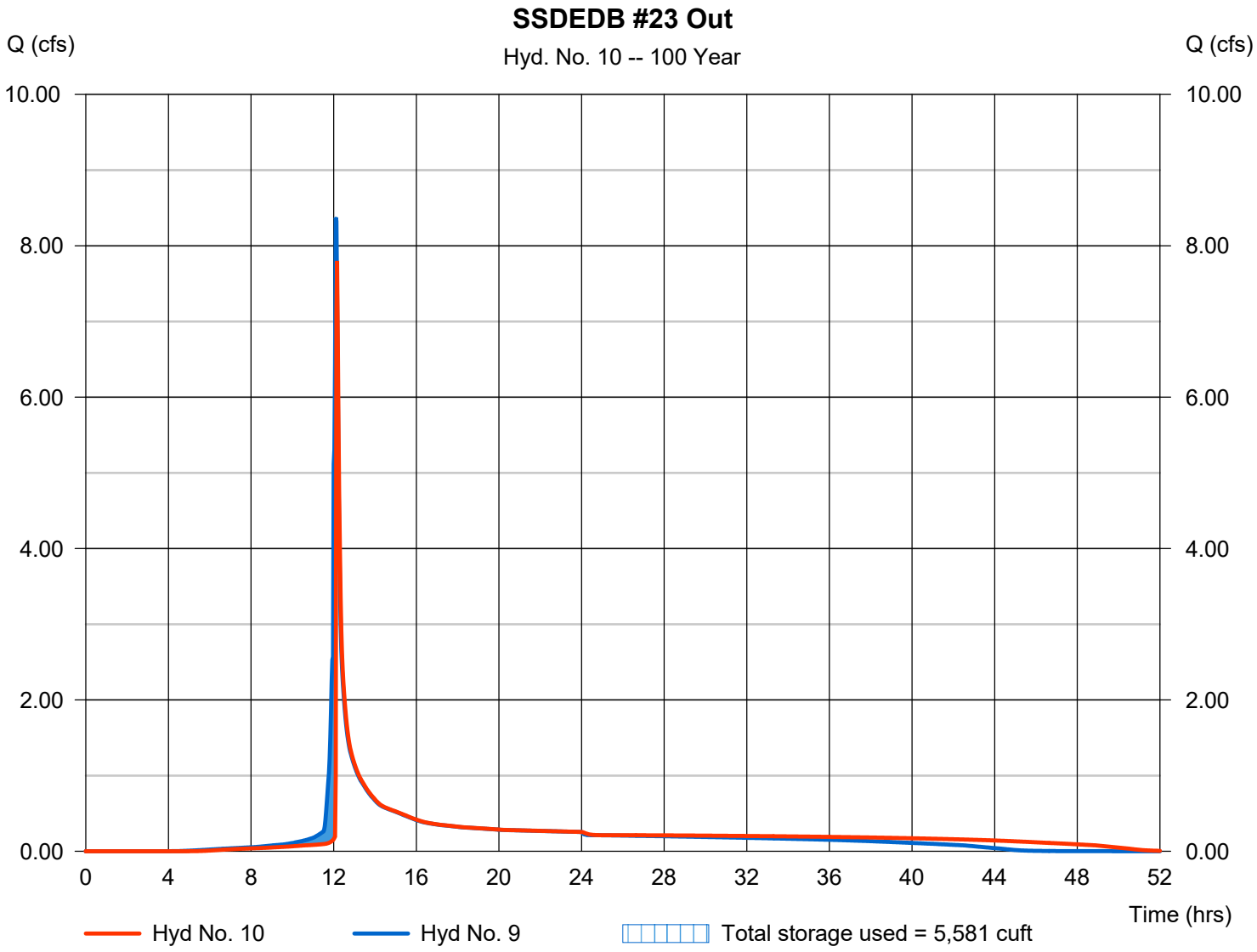
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 7.801 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 42,035 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out + SSDEDB #23 In	Max. Elevation	= 450.24 ft
Reservoir name	= SSDEDB #23	Max. Storage	= 5,581 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #24

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.24	61
IMPERVIOUS	0.61	98

TOTAL 0.85

Hydrograph Report

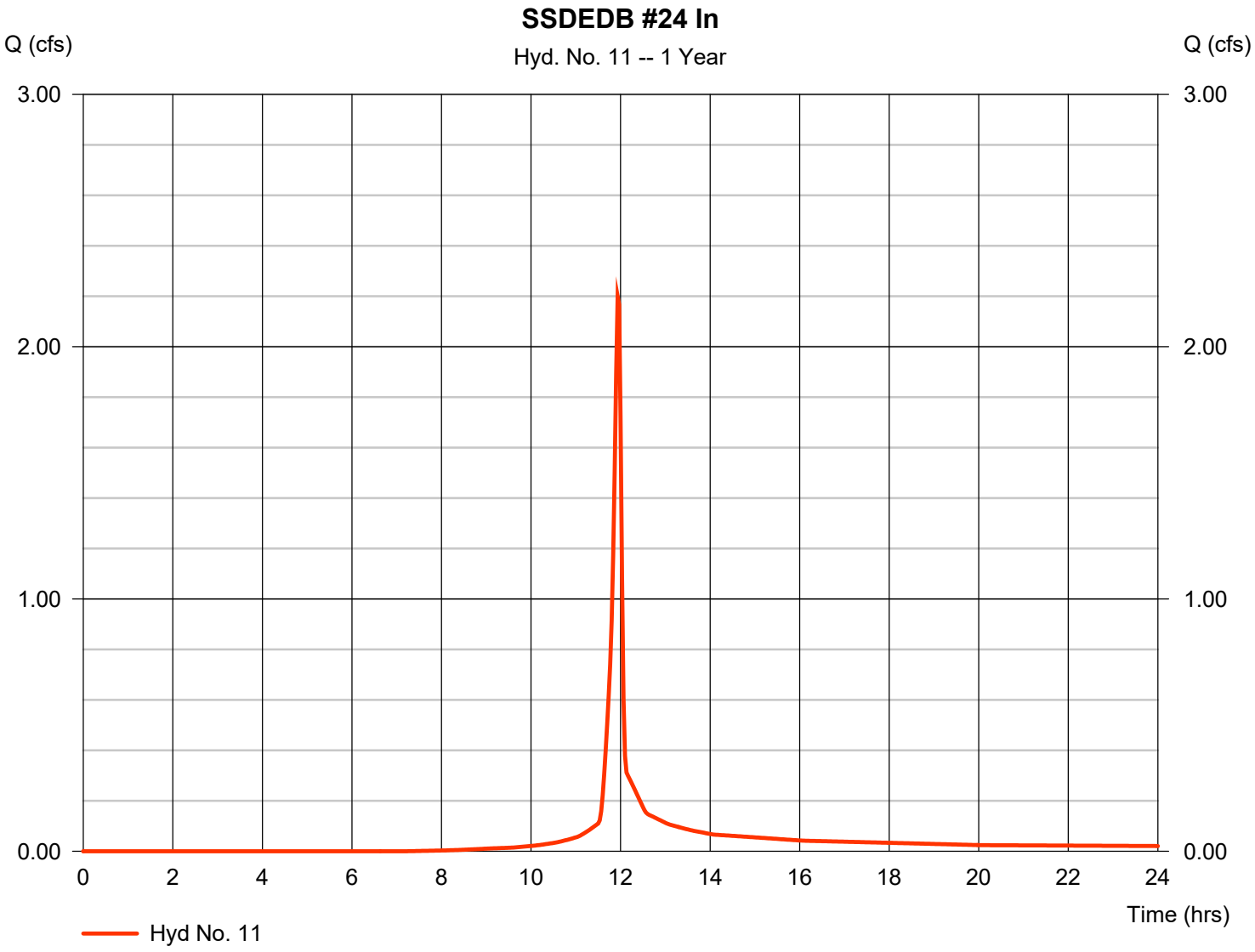
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.199 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 4,470 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 2.69 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

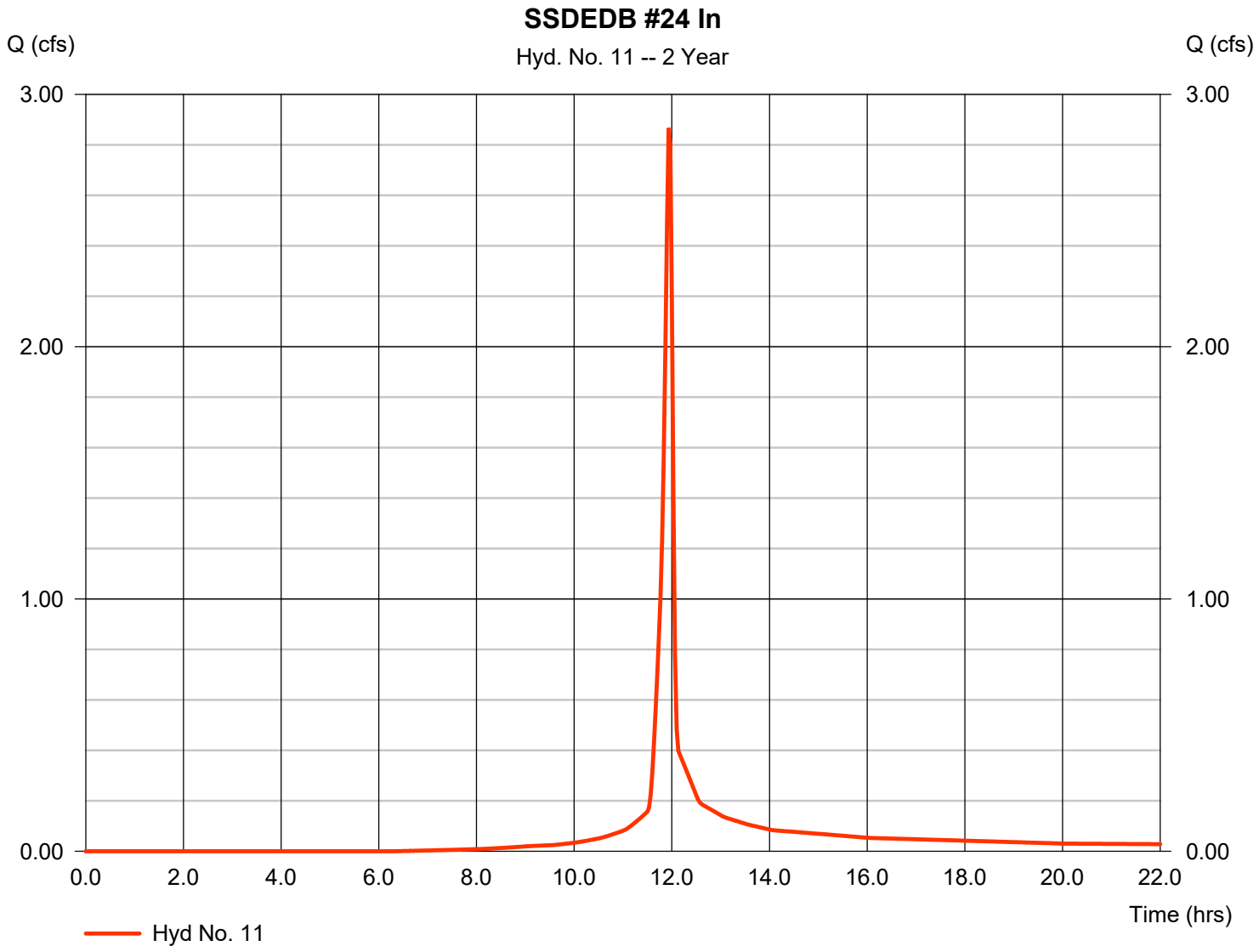
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.867 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 5,881 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

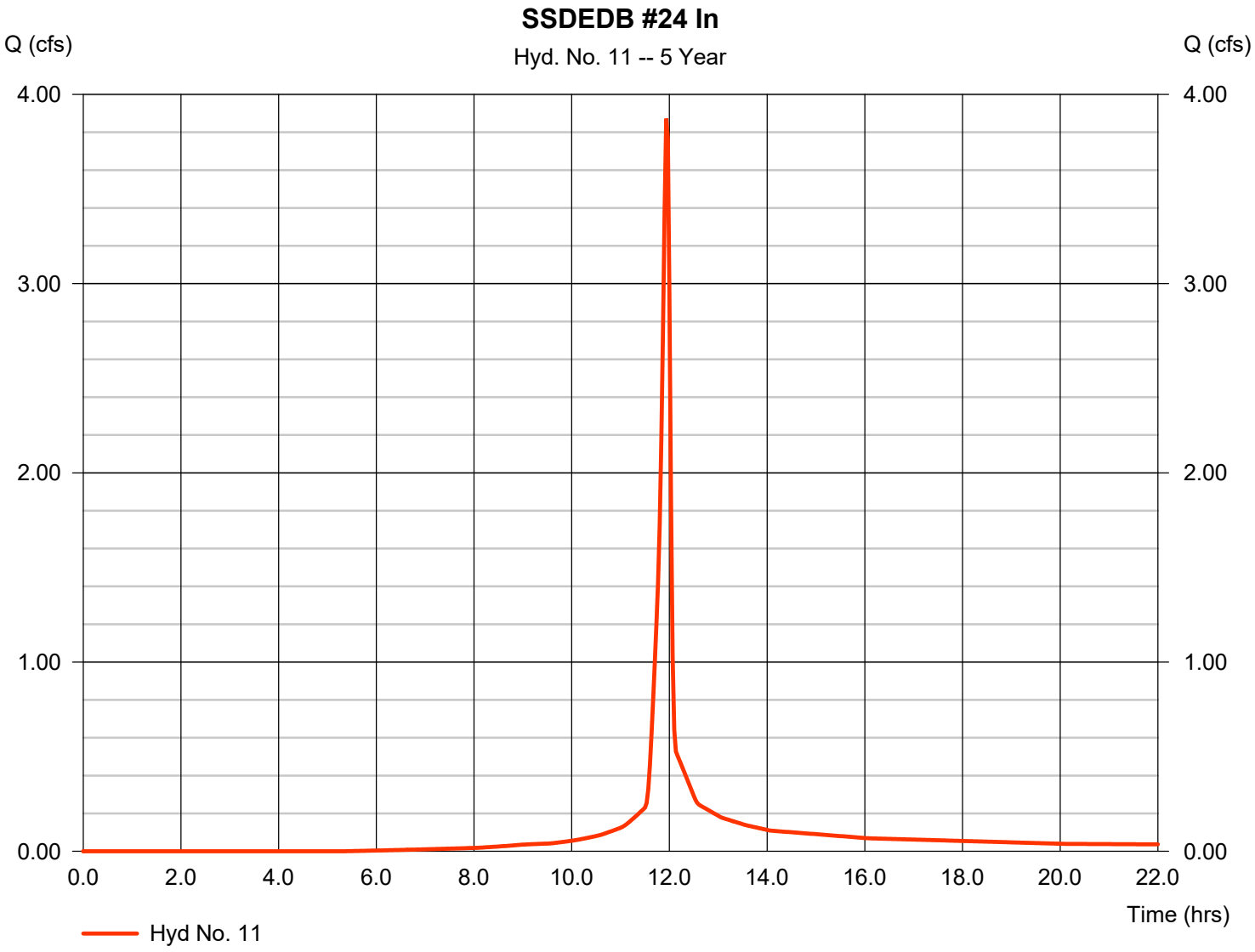
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	3.872 cfs
Storm frequency	=	5 yrs	Time to peak	=	11.93 hrs
Time interval	=	2 min	Hyd. volume	=	8,055 cuft
Drainage area	=	0.850 ac	Curve number	=	88*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	4.06 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

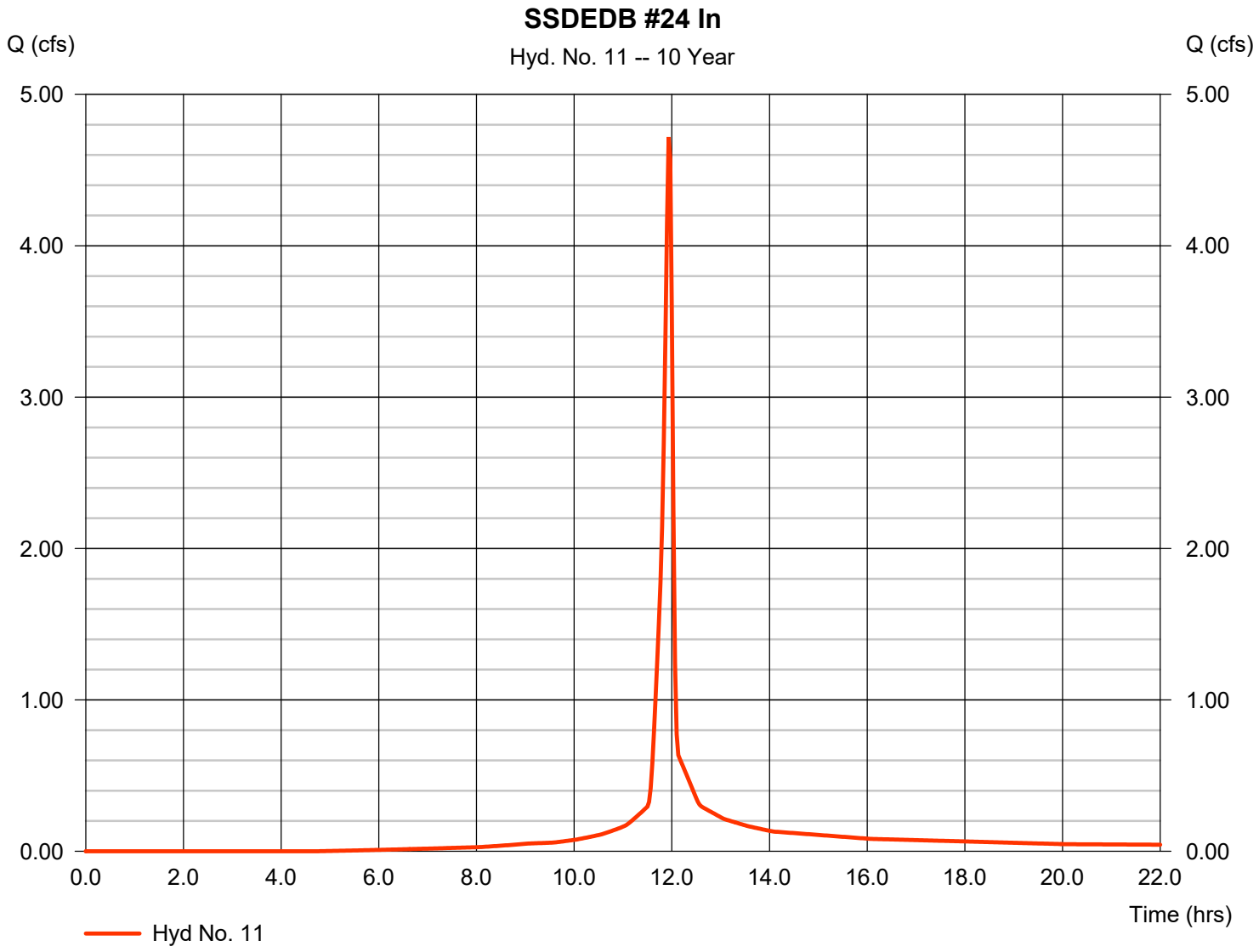
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.719 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 9,928 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

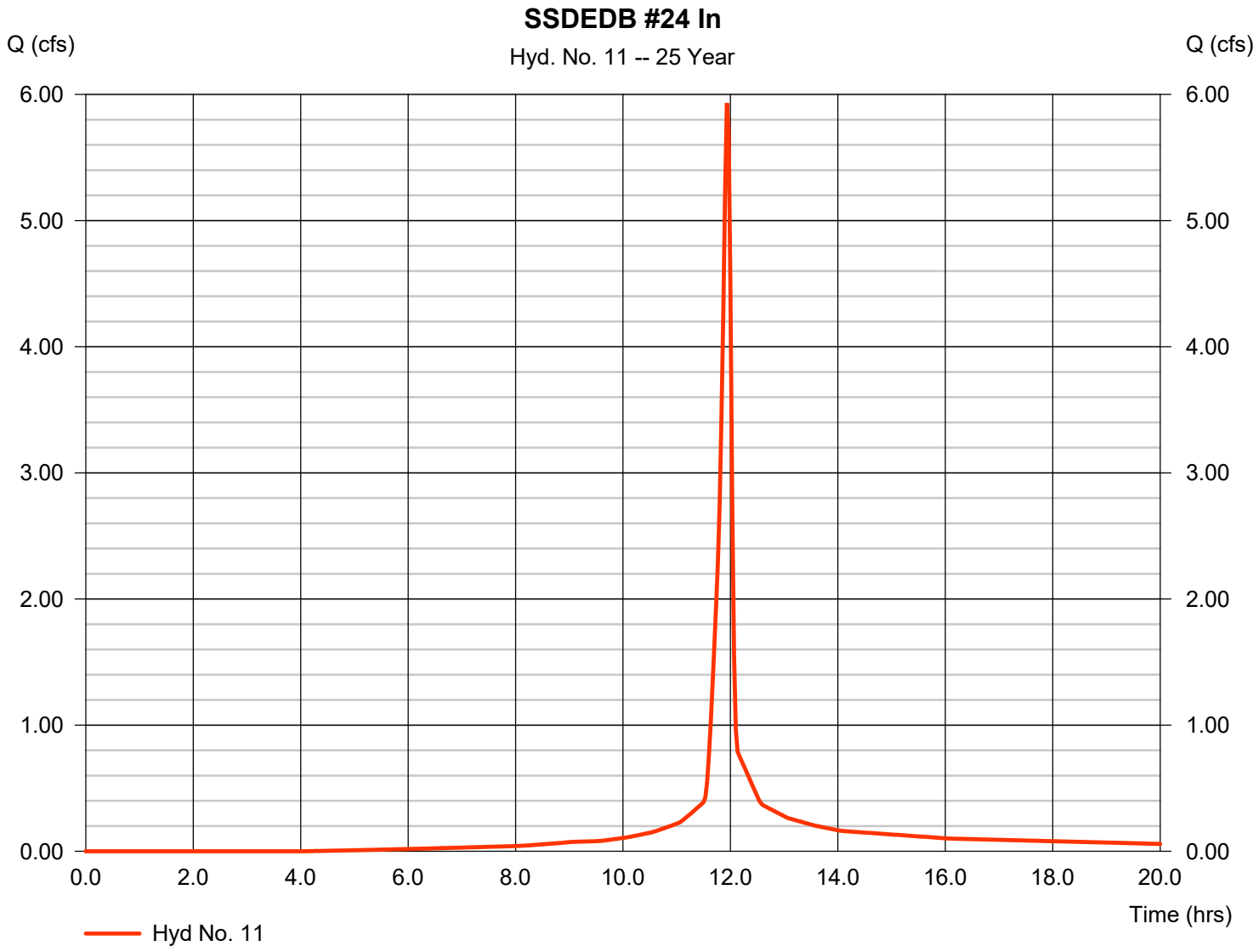
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 5.931 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 12,658 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

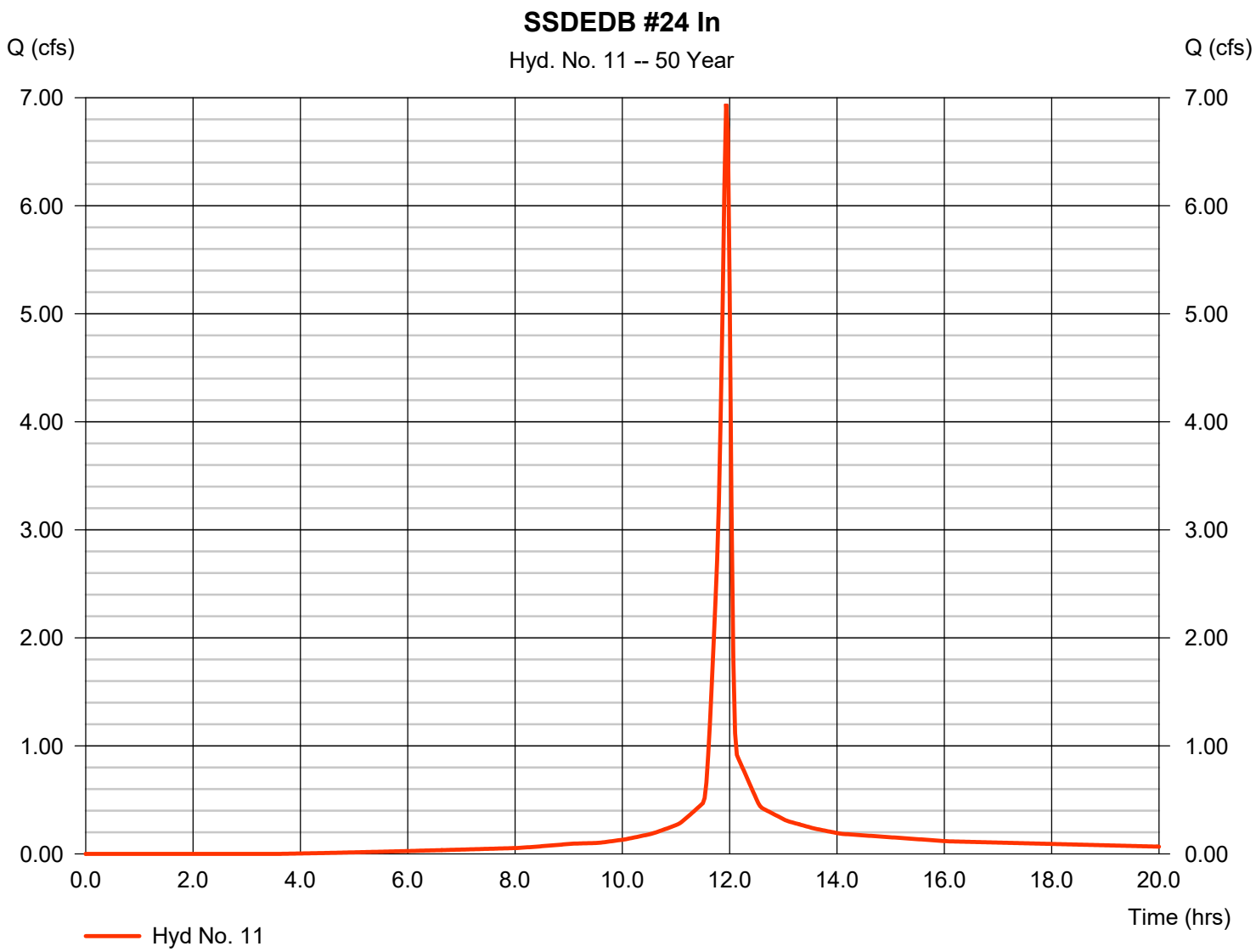
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 6.942 cfs
Storm frequency	= 50 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 14,973 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 6.57 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



Hydrograph Report

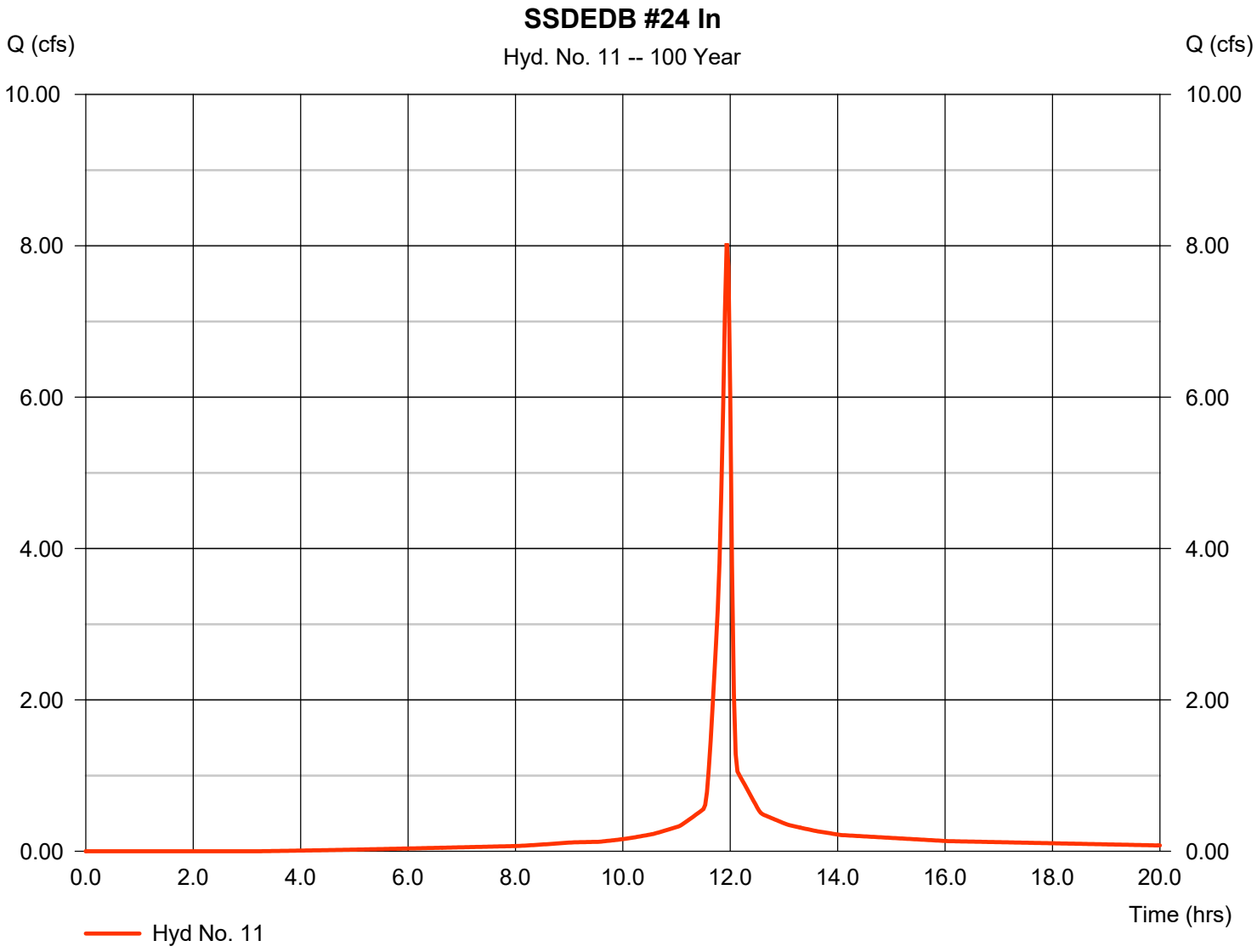
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 11

SSDEDB #24 In

Hydrograph type	= SCS Runoff	Peak discharge	= 8.033 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 17,503 cuft
Drainage area	= 0.850 ac	Curve number	= 88*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.240 x 61) + (0.610 x 98)] / 0.850



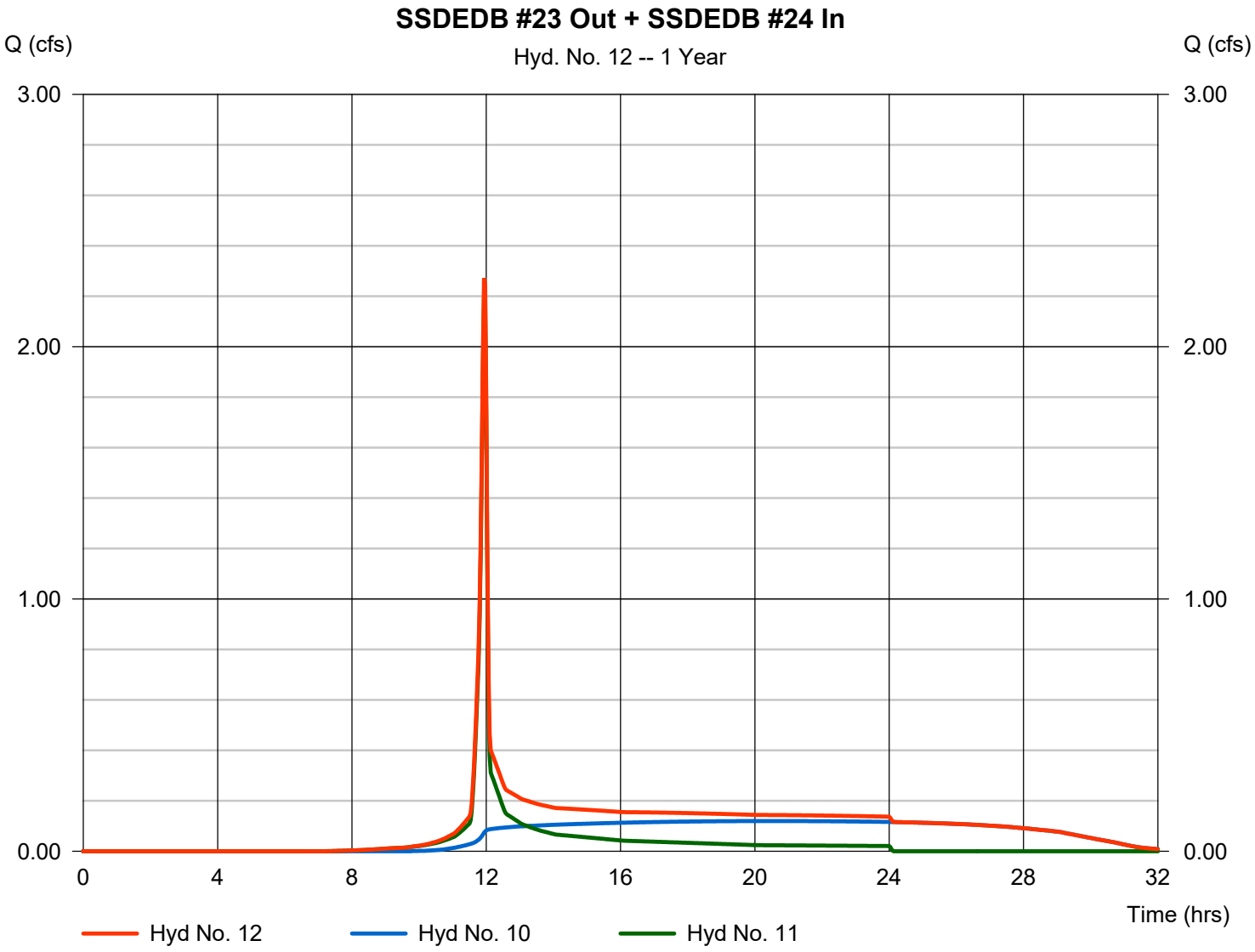
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 2.272 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 11,825 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



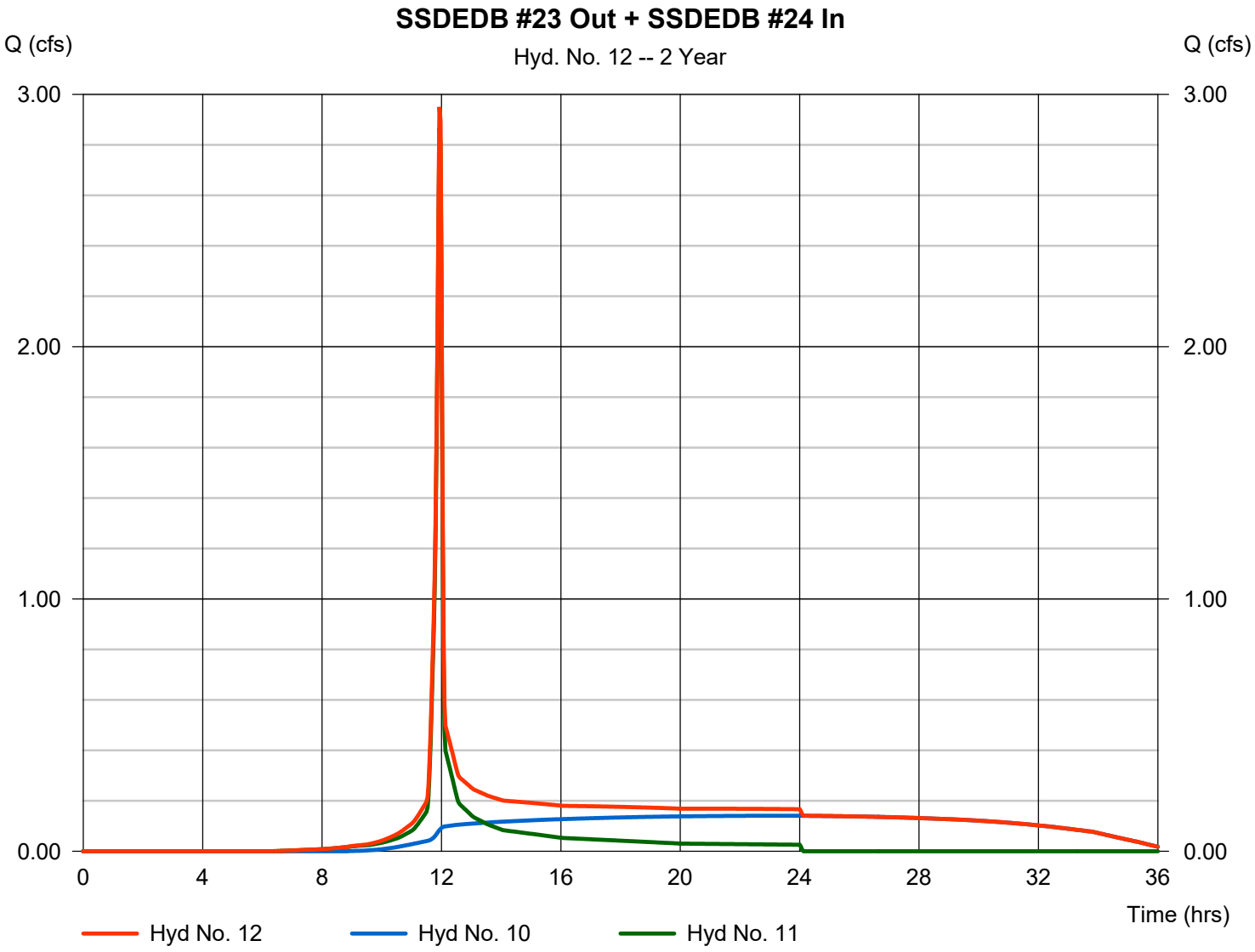
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 2.951 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 16,463 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



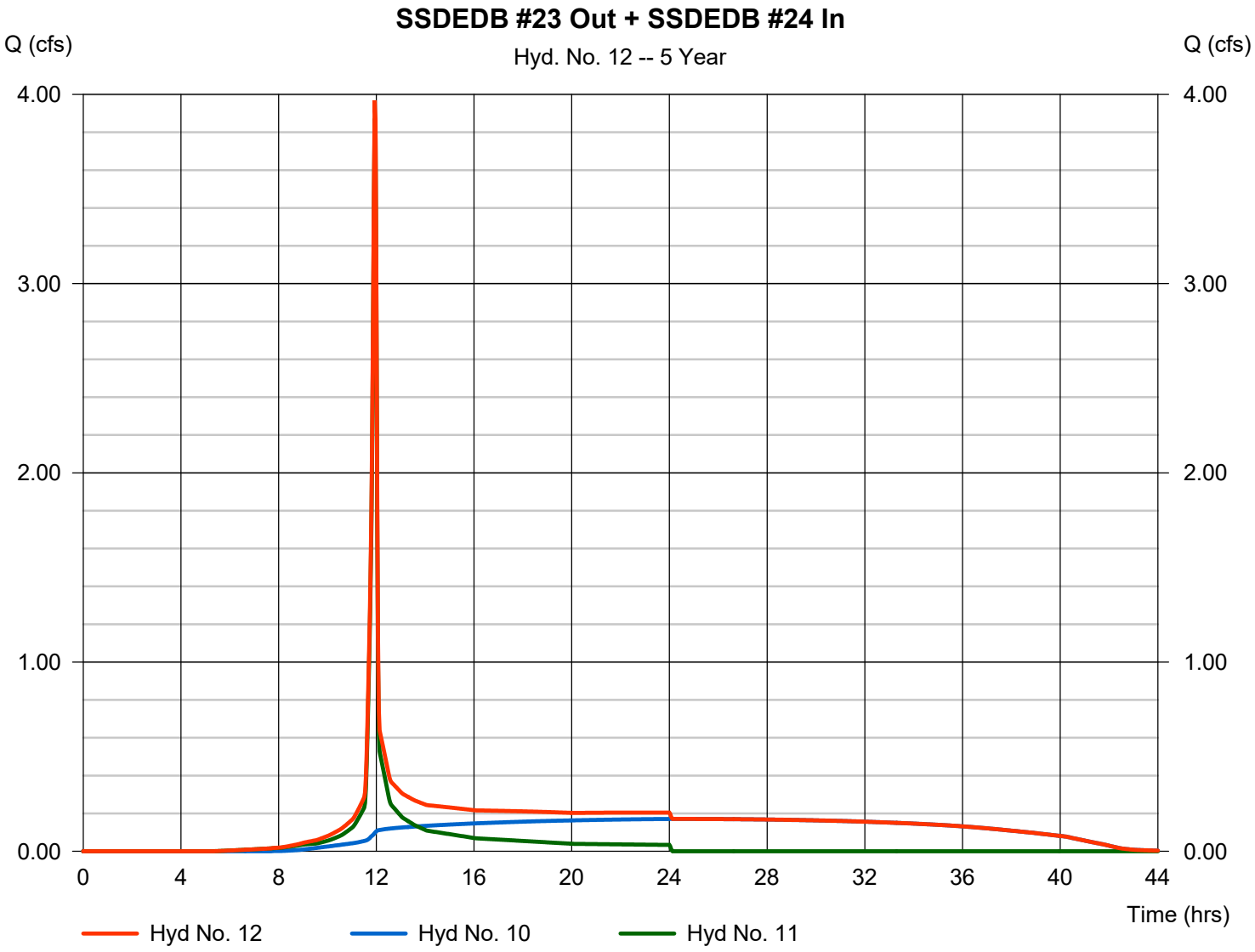
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 3.968 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 23,990 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



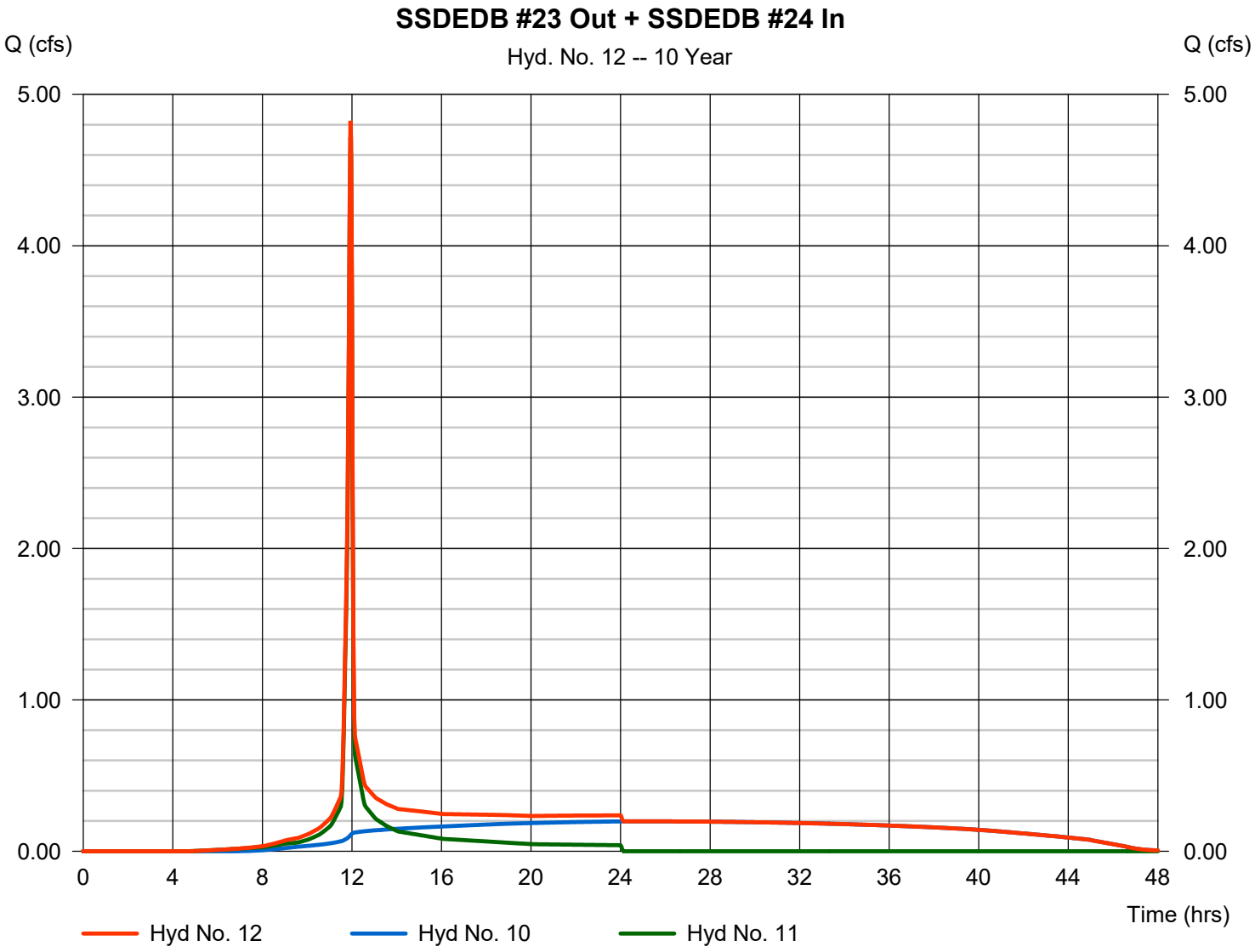
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 4.825 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 30,736 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



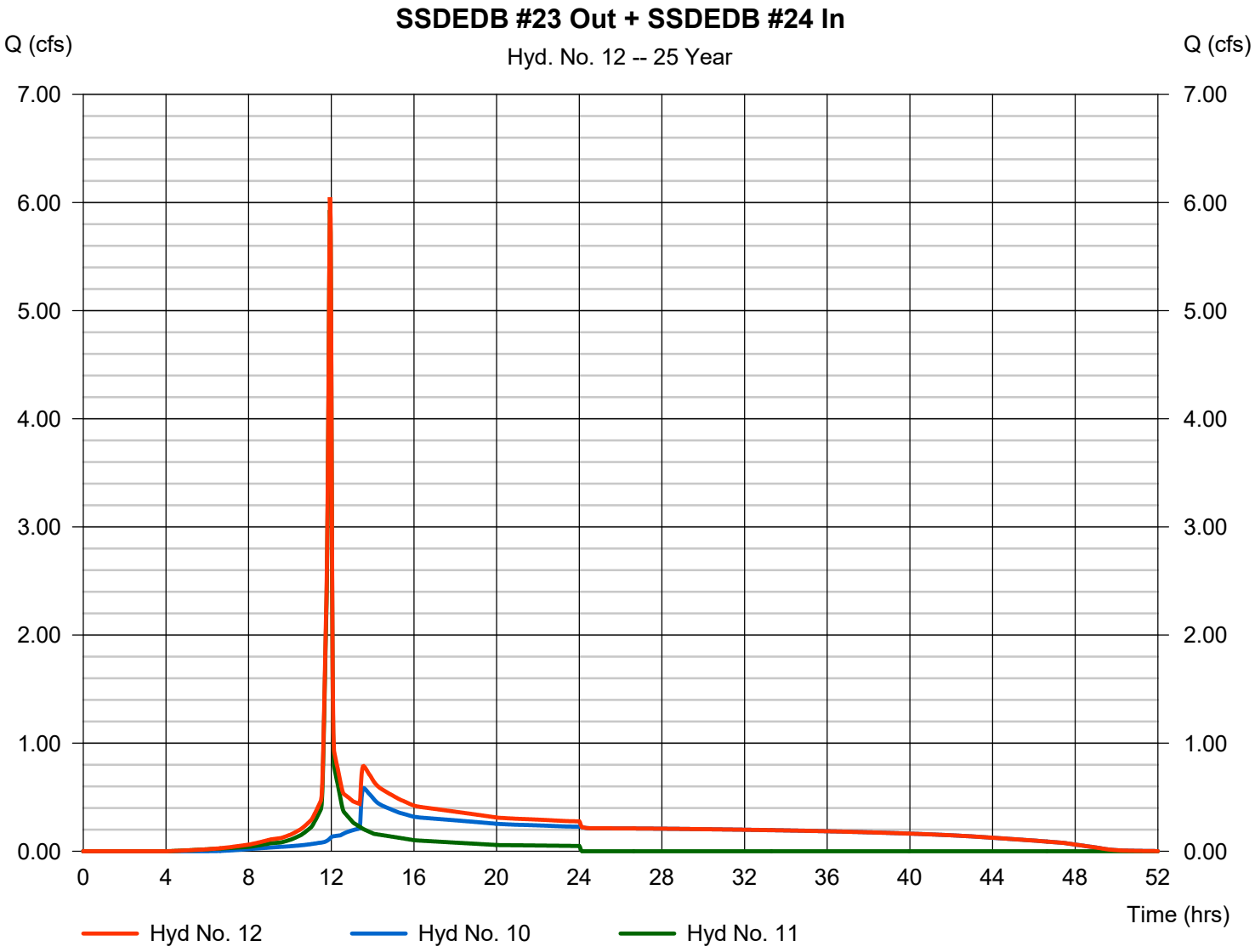
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 6.049 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 40,889 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



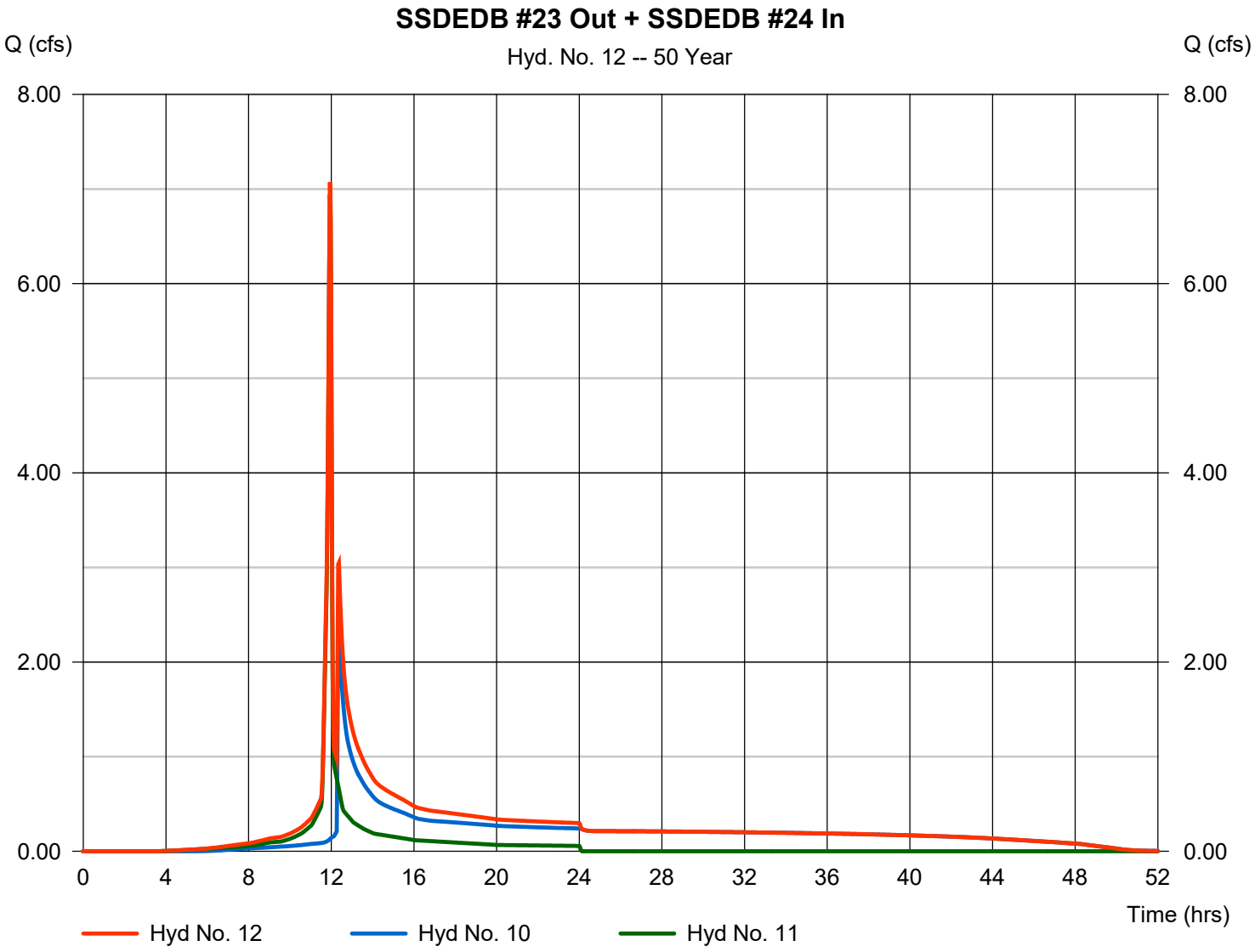
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 7.071 cfs
Storm frequency	= 50 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 49,719 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



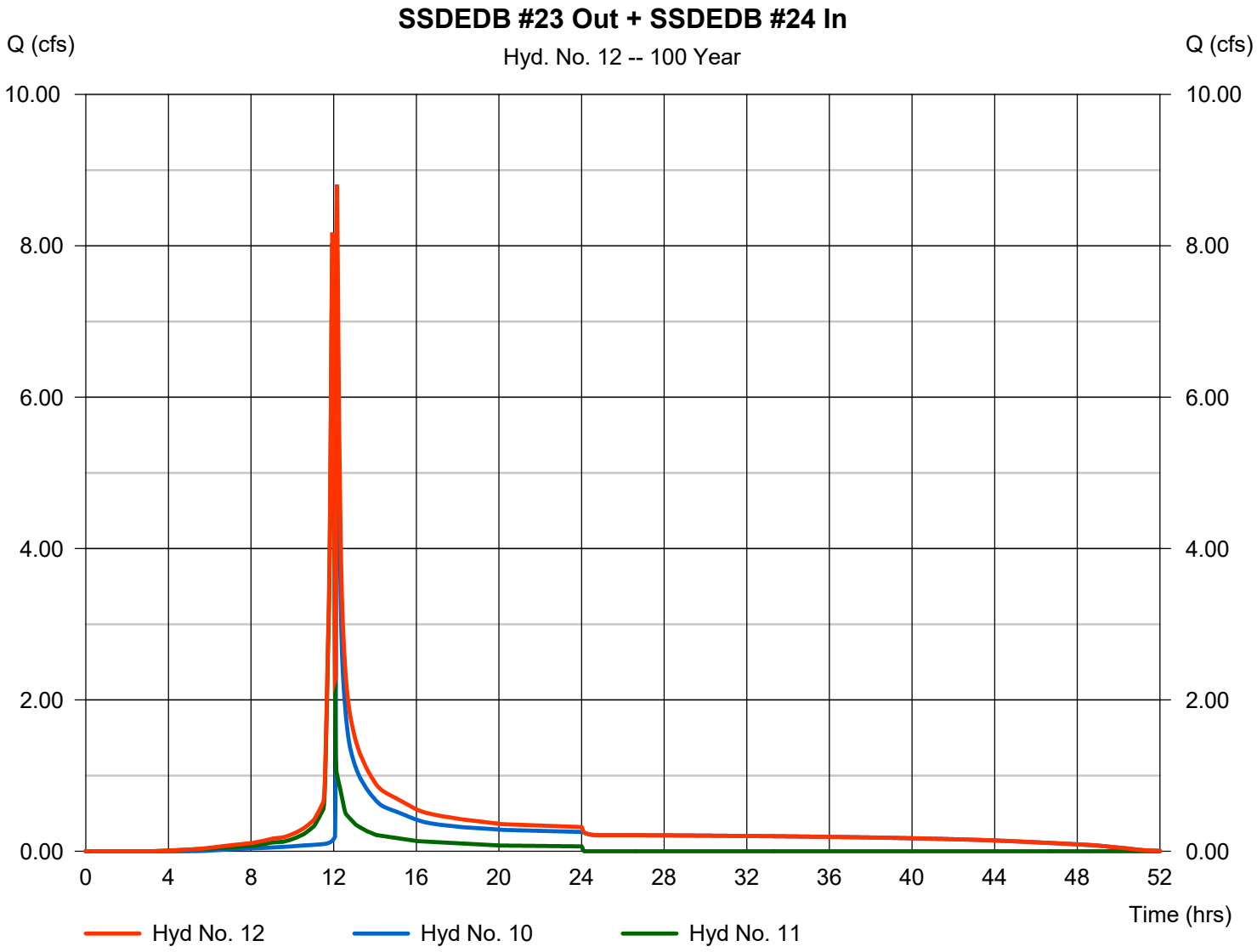
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 12

SSDEDB #23 Out + SSDEDB #24 In

Hydrograph type	= Combine	Peak discharge	= 8.811 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 59,538 cuft
Inflow hyds.	= 10, 11	Contrib. drain. area	= 0.850 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #24

		Volume for One Chamber			# of Chambers 39	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	415.8000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	415.8833	1.71	0.00	1.71	66.69	0.56	0.00	0.56	3.36	70.05
2	415.9667	1.71	0.00	3.42	133.38	0.58	0.00	1.14	6.84	140.22
3	416.0500	1.72	0.00	5.14	200.46	0.57	0.00	1.71	10.26	210.72
4	416.1333	1.71	0.00	6.85	267.15	0.57	0.00	2.28	13.68	280.83
5	416.2167	1.71	0.00	8.56	333.84	0.57	0.00	2.85	17.10	350.94
6	416.3000	1.71	0.00	10.27	400.53	0.57	0.00	3.42	20.52	421.05
7	416.3833	1.71	0.00	11.98	467.22	0.57	0.00	3.99	23.94	491.16
8	416.4667	1.72	0.00	13.70	534.30	0.56	0.00	4.55	27.30	561.60
9	416.5500	1.71	0.00	15.41	600.99	0.57	0.00	5.12	30.72	631.71
10	416.6333	0.30	3.51	19.22	749.58	0.32	0.63	6.07	36.42	786.00
11	416.7167	0.33	3.47	23.02	897.78	0.32	0.63	7.02	42.12	939.90
12	416.8000	0.33	3.46	26.81	1045.59	0.32	0.62	7.96	47.76	1093.35
13	416.8833	0.33	3.44	30.58	1192.62	0.33	0.61	8.90	53.40	1246.02
14	416.9667	0.35	3.41	34.34	1339.26	0.32	0.61	9.83	58.98	1398.24
15	417.0500	0.35	3.40	38.09	1485.51	0.33	0.60	10.76	64.56	1550.07
16	417.1333	0.38	3.36	41.83	1631.37	0.33	0.60	11.69	70.14	1701.51
17	417.2167	0.36	3.35	45.54	1776.06	0.34	0.58	12.61	75.66	1851.72
18	417.3000	0.39	3.32	49.25	1920.75	0.33	0.58	13.52	81.12	2001.87
19	417.3833	0.39	3.29	52.93	2064.27	0.34	0.57	14.43	86.58	2150.85
20	417.4667	0.41	3.26	56.60	2207.40	0.35	0.56	15.34	92.04	2299.44
21	417.5500	0.42	3.23	60.25	2349.75	0.36	0.54	16.24	97.44	2447.19
22	417.6333	0.43	3.20	63.88	2491.32	0.35	0.54	17.13	102.78	2594.10
23	417.7167	0.46	3.16	67.50	2632.50	0.36	0.52	18.01	108.06	2740.56
24	417.8000	0.46	3.13	71.09	2772.51	0.36	0.51	18.88	113.28	2885.79
25	417.8833	0.46	3.10	74.65	2911.35	0.38	0.49	19.75	118.50	3029.85
26	417.9667	0.50	3.05	78.20	3049.80	0.38	0.48	20.61	123.66	3173.46
27	418.0500	0.51	3.01	81.72	3187.08	0.38	0.46	21.45	128.70	3315.78
28	418.1333	0.52	2.97	85.21	3323.19	0.39	0.45	22.29	133.74	3456.93
29	418.2167	0.54	2.93	88.68	3458.52	0.40	0.43	23.12	138.72	3597.24
30	418.3000	0.57	2.87	92.12	3592.68	0.40	0.41	23.93	143.58	3736.26
31	418.3833	0.57	2.83	95.52	3725.28	0.42	0.39	24.74	148.44	3873.72
32	418.4667	0.61	2.77	98.90	3857.10	0.42	0.37	25.53	153.18	4010.28
33	418.5500	0.62	2.72	102.24	3987.36	0.42	0.35	26.30	157.80	4145.16
34	418.6333	0.65	2.65	105.54	4116.06	0.45	0.33	27.08	162.48	4278.54
35	418.7167	0.67	2.60	108.81	4243.59	0.44	0.32	27.84	167.04	4410.63
36	418.8000	0.71	2.52	112.04	4369.56	0.45	0.29	28.58	171.48	4541.04
37	418.8833	0.73	2.46	115.23	4493.97	0.46	0.27	29.31	175.86	4669.83
38	418.9667	0.75	2.39	118.37	4616.43	0.46	0.26	30.03	180.18	4796.61
39	419.0500	0.80	2.30	121.47	4737.33	0.48	0.24	30.75	184.50	4921.83
40	419.1333	0.81	2.23	124.51	4855.89	0.49	0.21	31.45	188.70	5044.59
41	419.2167	0.87	2.13	127.51	4972.89	0.48	0.20	32.13	192.78	5165.67
42	419.3000	0.89	2.04	130.44	5087.16	0.50	0.18	32.81	196.86	5284.02
43	419.3833	0.94	1.94	133.32	5199.48	0.51	0.16	33.48	200.88	5400.36
44	419.4667	0.98	1.83	136.13	5309.07	0.51	0.14	34.13	204.78	5513.85
45	419.5500	1.02	1.71	138.86	5415.54	0.52	0.12	34.77	208.62	5624.16
46	419.6333	1.09	1.57	141.52	5519.28	0.53	0.10	35.40	212.40	5731.68
47	419.7167	1.15	1.42	144.09	5619.51	0.53	0.09	36.02	216.12	5835.63
48	419.8000	1.21	1.25	146.55	5715.45	0.55	0.07	36.64	219.84	5935.29
49	419.8833	1.30	1.03	148.88	5806.32	0.55	0.05	37.24	223.44	6029.76
50	419.9667	1.43	0.69	151.00	5889.00	0.55	0.04	37.83	226.98	6115.98
51	420.0500	1.55	0.40	152.95	5965.05	0.56	0.02	38.41	230.46	6195.51
52	420.1333	1.60	0.29	154.84	6038.76	0.57	0.01	38.99	233.94	6272.70
53	420.2167	1.63	0.20	156.67	6110.13	0.56	0.01	39.56	237.36	6347.49
54	420.3000	1.69	0.06	158.42	6178.38	0.57	0.00	40.13	240.78	6419.16
55	420.3833	1.71	0.00	160.13	6245.07	0.57	0.00	40.70	244.20	6489.27
56	420.4667	1.71	0.00	161.84	6311.76	0.57	0.00	41.27	247.62	6559.38
57	420.5500	1.71	0.00	163.55	6378.45	0.57	0.00	41.84	251.04	6629.49
58	420.6333	1.72	0.00	165.27	6445.53	0.57	0.00	42.41	254.46	6699.99
59	420.7167	1.71	0.00	166.98	6512.22	0.57	0.00	42.98	257.88	6770.10
60	420.8000	1.71	0.00	168.69	6578.91	0.56	0.00	43.54	261.24	6840.15
61	420.8833	1.71	0.00	170.40	6645.60	0.57	0.00	44.11	264.66	6910.26
62	420.9667	1.71	0.00	172.11	6712.29	0.57	0.00	44.68	268.08	6980.37
63	421.0500	1.72	0.00	173.83	6779.37	0.57	0.00	45.25	271.50	7050.87
64	421.1333	1.71	0.00	175.54	6846.06	0.57	0.00	45.82	274.92	7120.98
65	421.2167	1.71	0.00	177.25	6912.75	0.57	0.00	46.39	278.34	7191.09
66	421.3000	1.71	0.00	178.96	6979.44	0.57	0.00	46.96	281.76	7261.20

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Pond No. 4 - SSDEDB #24

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	415.80	n/a	0	0
0.33	416.13	n/a	281	281
0.67	416.47	n/a	281	562
1.00	416.80	n/a	532	1,093
1.33	417.13	n/a	608	1,702
1.67	417.47	n/a	598	2,299
2.00	417.80	n/a	586	2,886
2.33	418.13	n/a	571	3,457
2.67	418.47	n/a	553	4,010
3.00	418.80	n/a	531	4,541
3.33	419.13	n/a	504	5,045
3.67	419.47	n/a	469	5,514
4.00	419.80	n/a	421	5,935
4.33	420.13	n/a	337	6,273
4.67	420.47	n/a	287	6,559
5.00	420.80	n/a	281	6,840
5.33	421.13	n/a	281	7,121
5.50	421.30	n/a	140	7,261

Culvert / Orifice Structures

		[A]	[B]	[C]	[PrfRsr]
Rise (in)	=	15.00	2.00	Inactive	0.00
Span (in)	=	15.00	2.00	0.00	0.00
No. Barrels	=	1	1	1	0
Invert El. (ft)	=	415.80	415.80	0.00	0.00
Length (ft)	=	34.00	0.00	0.00	0.00
Slope (%)	=	1.00	0.00	0.00	n/a
N-Value	=	.012	.013	.013	n/a
Orifice Coeff.	=	0.60	0.60	0.60	0.60
Multi-Stage	=	n/a	Yes	No	No

Weir Structures

		[A]	[B]	[C]	[D]
Crest Len (ft)	=	2.00	Inactive	0.00	0.00
Crest El. (ft)	=	420.00	0.00	0.00	0.00
Weir Coeff.	=	3.33	3.33	3.33	3.33
Weir Type	=	Rect	Rect	---	---
Multi-Stage	=	Yes	No	No	No

Exfil.(in/hr)	=	0.000 (by Wet area)
TW Elev. (ft)	=	0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	415.80	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	281	416.13	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.051
0.67	562	416.47	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.077
1.00	1,093	416.80	0.10 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.098
1.33	1,702	417.13	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.114
1.67	2,299	417.47	0.13 ic	0.13 ic	---	---	0.00	---	---	---	---	---	0.129
2.00	2,886	417.80	0.15 ic	0.14 ic	---	---	0.00	---	---	---	---	---	0.142
2.33	3,457	418.13	0.16 ic	0.15 ic	---	---	0.00	---	---	---	---	---	0.154
2.67	4,010	418.47	0.17 ic	0.17 ic	---	---	0.00	---	---	---	---	---	0.166
3.00	4,541	418.80	0.18 ic	0.18 ic	---	---	0.00	---	---	---	---	---	0.176
3.33	5,045	419.13	0.19 ic	0.19 ic	---	---	0.00	---	---	---	---	---	0.186
3.67	5,514	419.47	0.20 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.196
4.00	5,935	419.80	0.21 ic	0.20 ic	---	---	0.00	---	---	---	---	---	0.205
4.33	6,273	420.13	0.53 ic	0.21 ic	---	---	0.32	---	---	---	---	---	0.533
4.67	6,559	420.47	2.36 ic	0.21 ic	---	---	2.12	---	---	---	---	---	2.327
5.00	6,840	420.80	4.96 oc	0.20 ic	---	---	4.76	---	---	---	---	---	4.959
5.33	7,121	421.13	8.21 ic	0.18 ic	---	---	8.03	---	---	---	---	---	8.205
5.50	7,261	421.30	10.02 ic	0.15 ic	---	---	9.87	---	---	---	---	---	10.02

Hydrograph Report

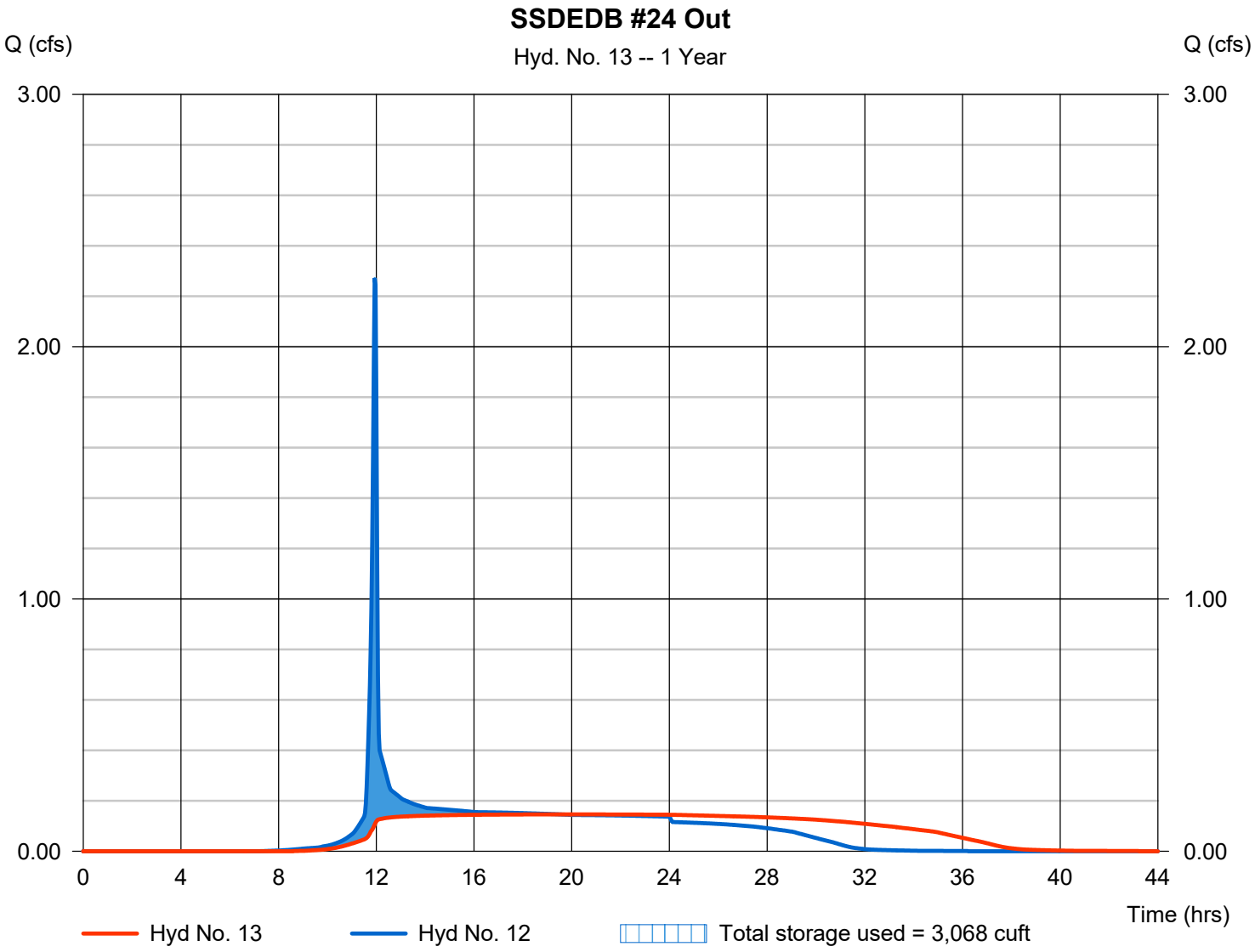
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.146 cfs
Storm frequency	= 1 yrs	Time to peak	= 19.50 hrs
Time interval	= 2 min	Hyd. volume	= 11,810 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	= 417.91 ft
Reservoir name	= SSDEDB #24	Max. Storage	= 3,068 cuft

Storage Indication method used.



Hydrograph Report

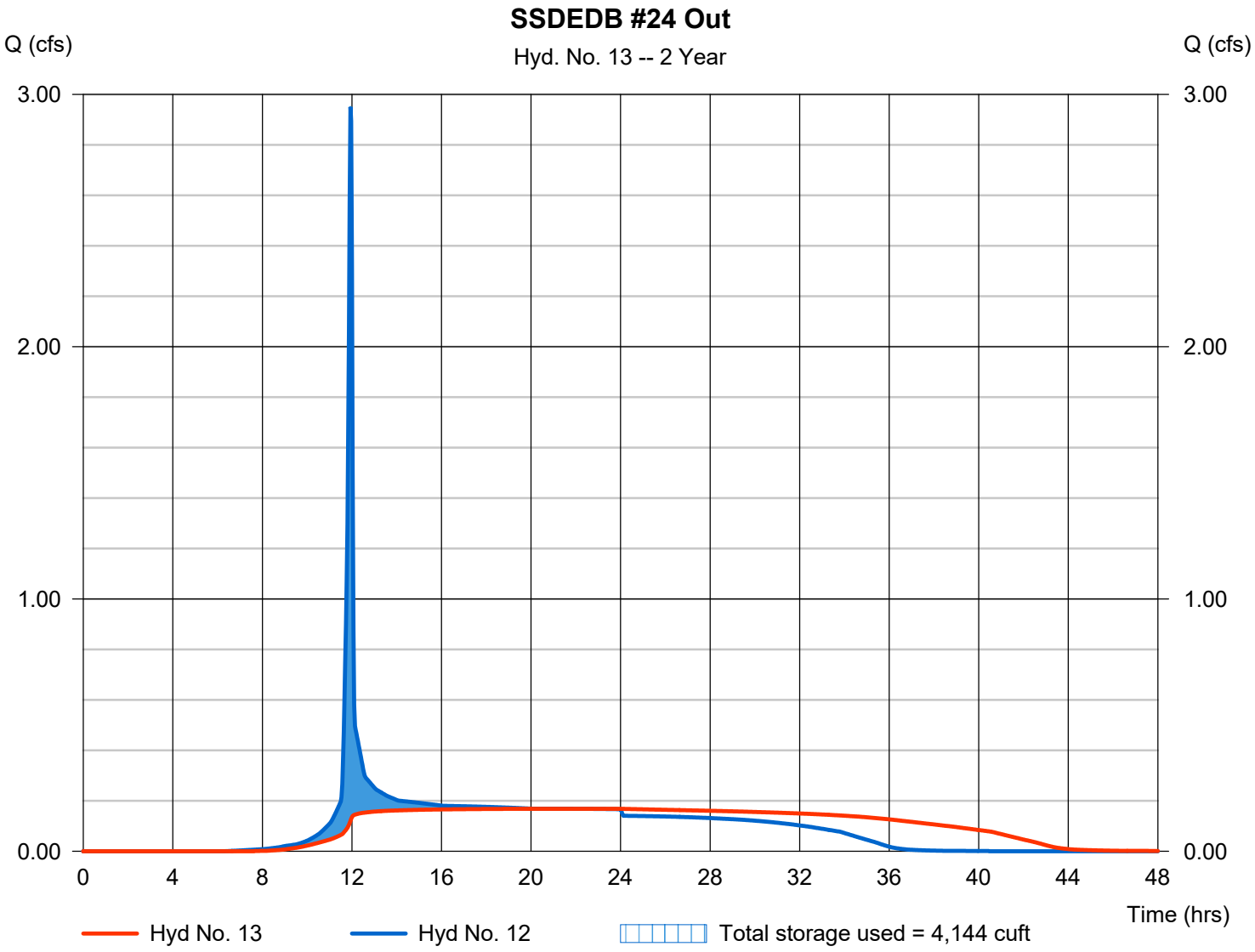
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.168 cfs
Storm frequency	=	2 yrs	Time to peak	=	22.27 hrs
Time interval	=	2 min	Hyd. volume	=	16,449 cuft
Inflow hyd. No.	=	12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	=	418.55 ft
Reservoir name	=	SSDEDB #24	Max. Storage	=	4,144 cuft

Storage Indication method used.



Hydrograph Report

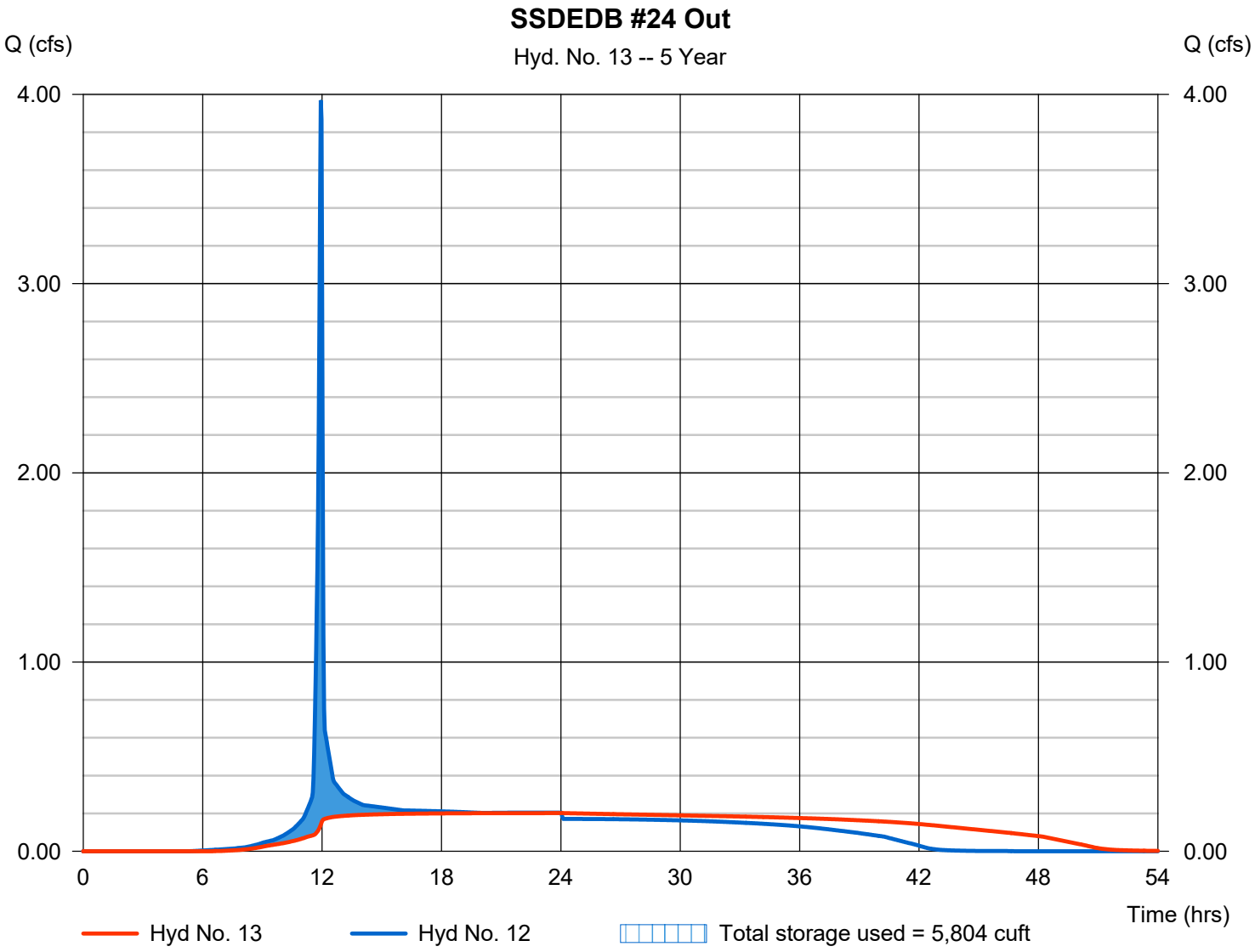
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	=	Reservoir	Peak discharge	=	0.202 cfs
Storm frequency	=	5 yrs	Time to peak	=	24.00 hrs
Time interval	=	2 min	Hyd. volume	=	23,975 cuft
Inflow hyd. No.	=	12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	=	419.70 ft
Reservoir name	=	SSDEDB #24	Max. Storage	=	5,804 cuft

Storage Indication method used.



Hydrograph Report

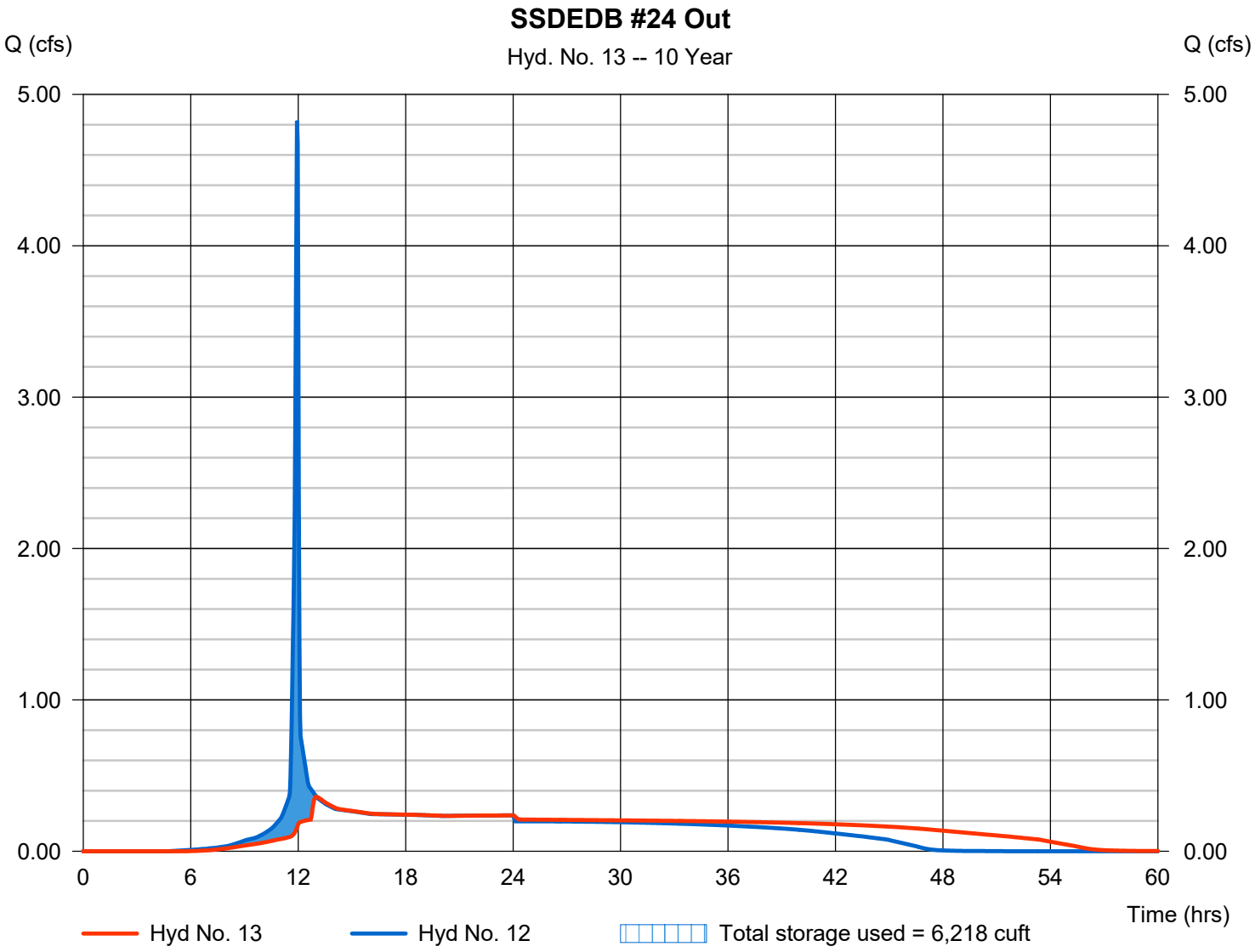
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.361 cfs
Storm frequency	= 10 yrs	Time to peak	= 13.00 hrs
Time interval	= 2 min	Hyd. volume	= 30,722 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	= 420.08 ft
Reservoir name	= SSDEDB #24	Max. Storage	= 6,218 cuft

Storage Indication method used.



Hydrograph Report

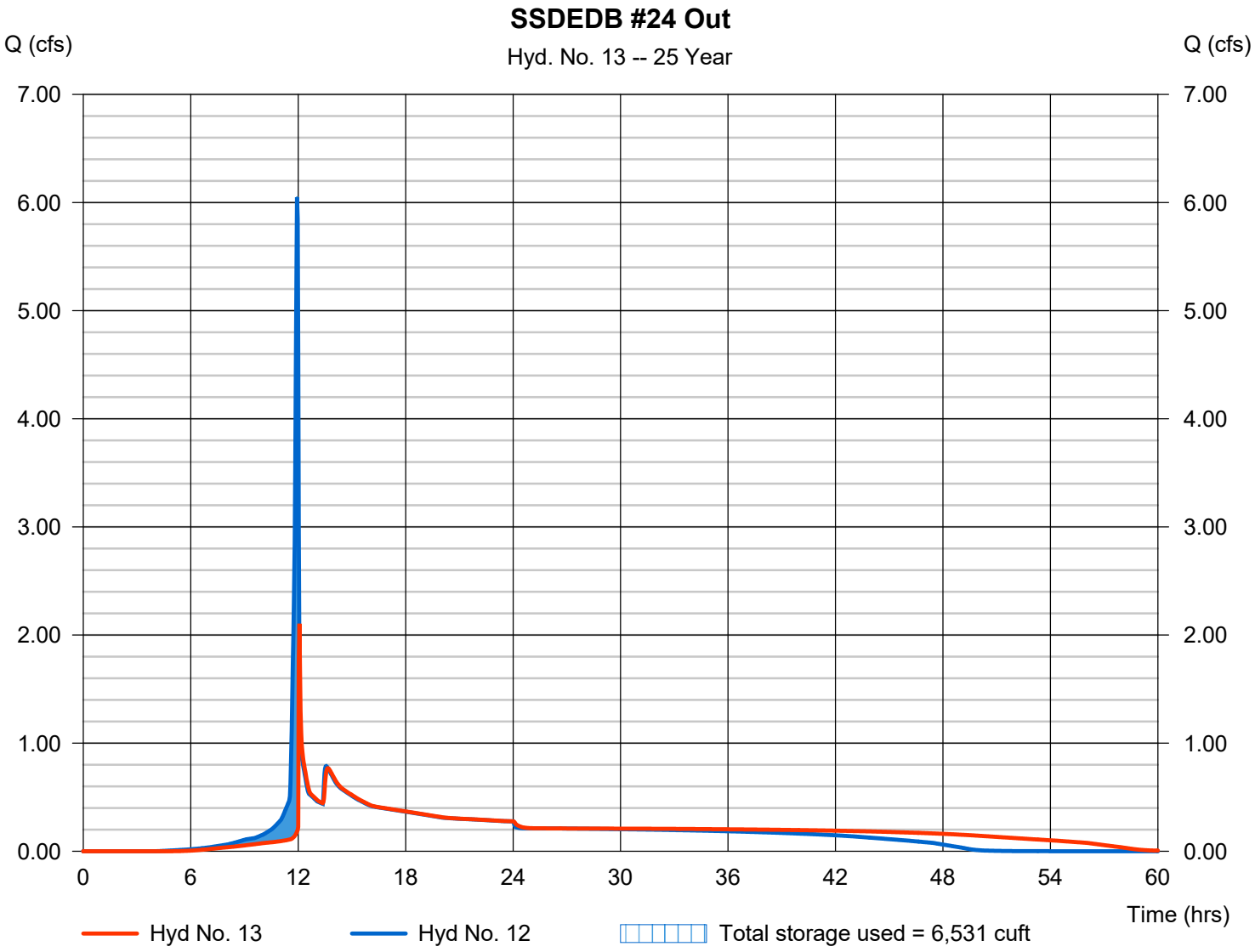
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	=	Reservoir	Peak discharge	=	2.105 cfs
Storm frequency	=	25 yrs	Time to peak	=	12.07 hrs
Time interval	=	2 min	Hyd. volume	=	40,874 cuft
Inflow hyd. No.	=	12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	=	420.46 ft
Reservoir name	=	SSDEDB #24	Max. Storage	=	6,531 cuft

Storage Indication method used.



Hydrograph Report

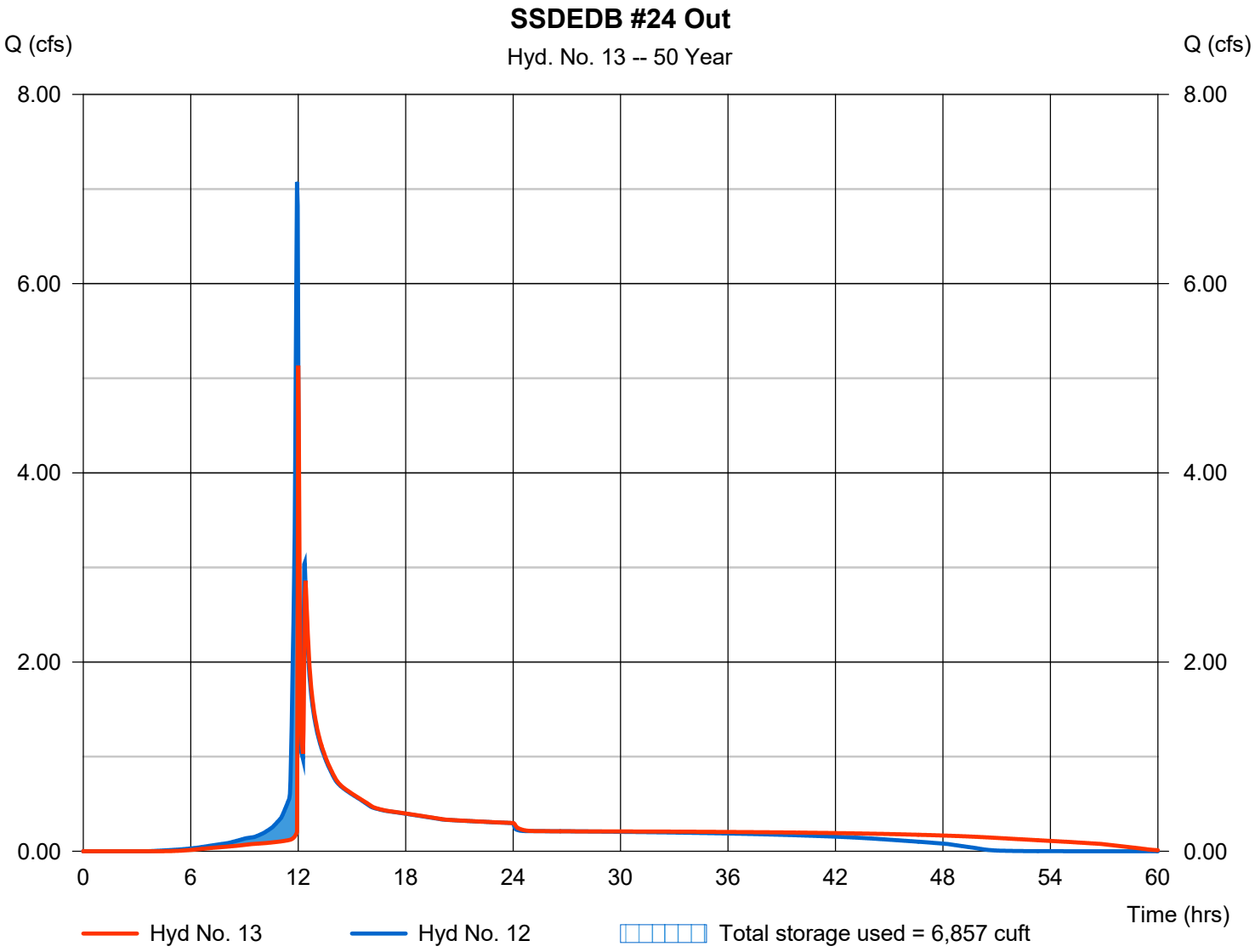
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	=	Reservoir	Peak discharge	=	5.135 cfs
Storm frequency	=	50 yrs	Time to peak	=	12.00 hrs
Time interval	=	2 min	Hyd. volume	=	49,704 cuft
Inflow hyd. No.	=	12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	=	420.84 ft
Reservoir name	=	SSDEDB #24	Max. Storage	=	6,857 cuft

Storage Indication method used.



Hydrograph Report

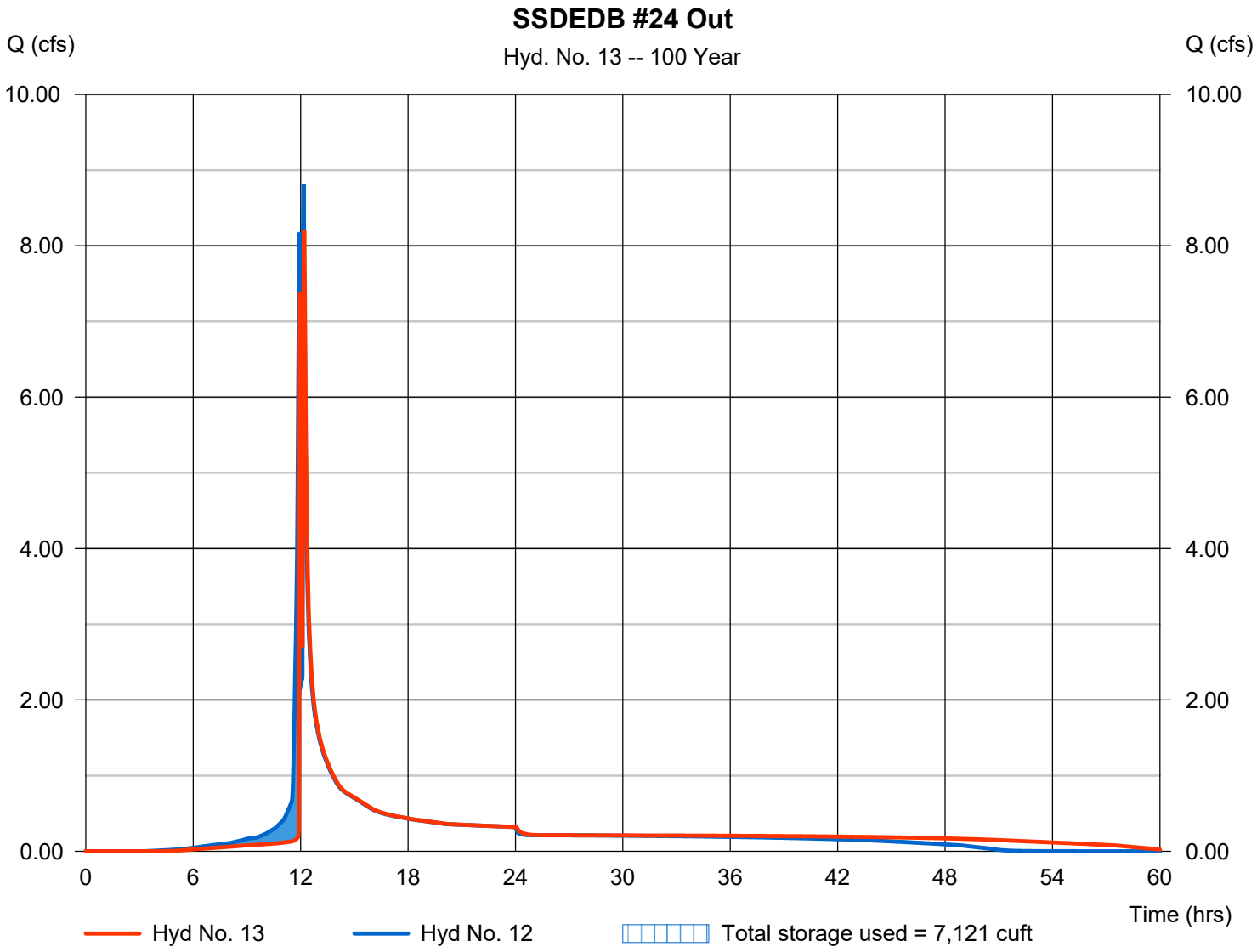
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 8.201 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 59,523 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out + SSDEDB #24 In	Max. Elevation	= 421.16 ft
Reservoir name	= SSDEDB #24	Max. Storage	= 7,121 cuft

Storage Indication method used.



CN CALCULATION

SSDEDB #25

GROUND COVER	AREA (ACRES)	CN
LAWNS	0.18	61
IMPERVIOUS	0.34	98

TOTAL 0.52

Hydrograph Report

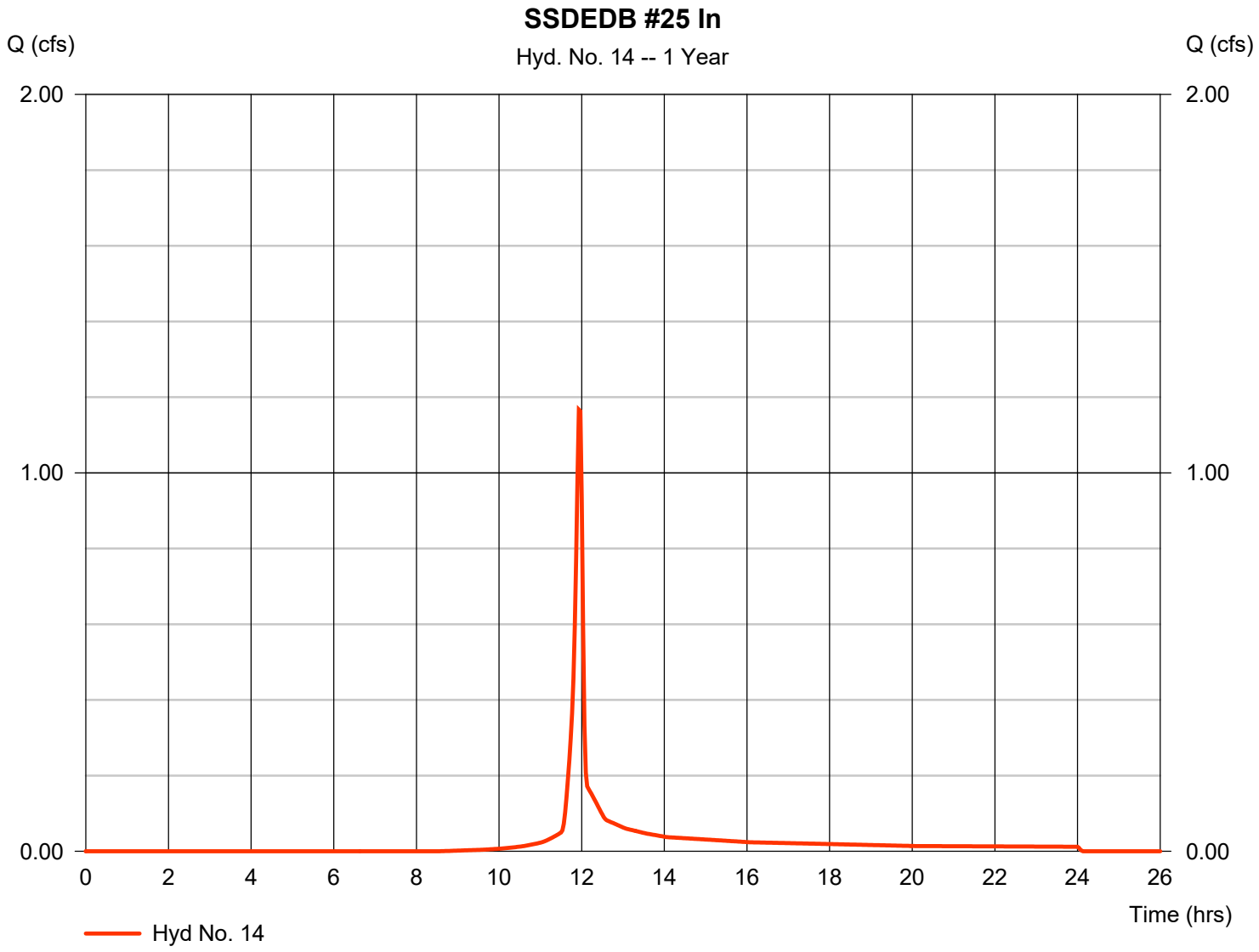
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	1.167 cfs
Storm frequency	=	1 yrs	Time to peak	=	11.93 hrs
Time interval	=	2 min	Hyd. volume	=	2,356 cuft
Drainage area	=	0.520 ac	Curve number	=	85*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	2.69 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

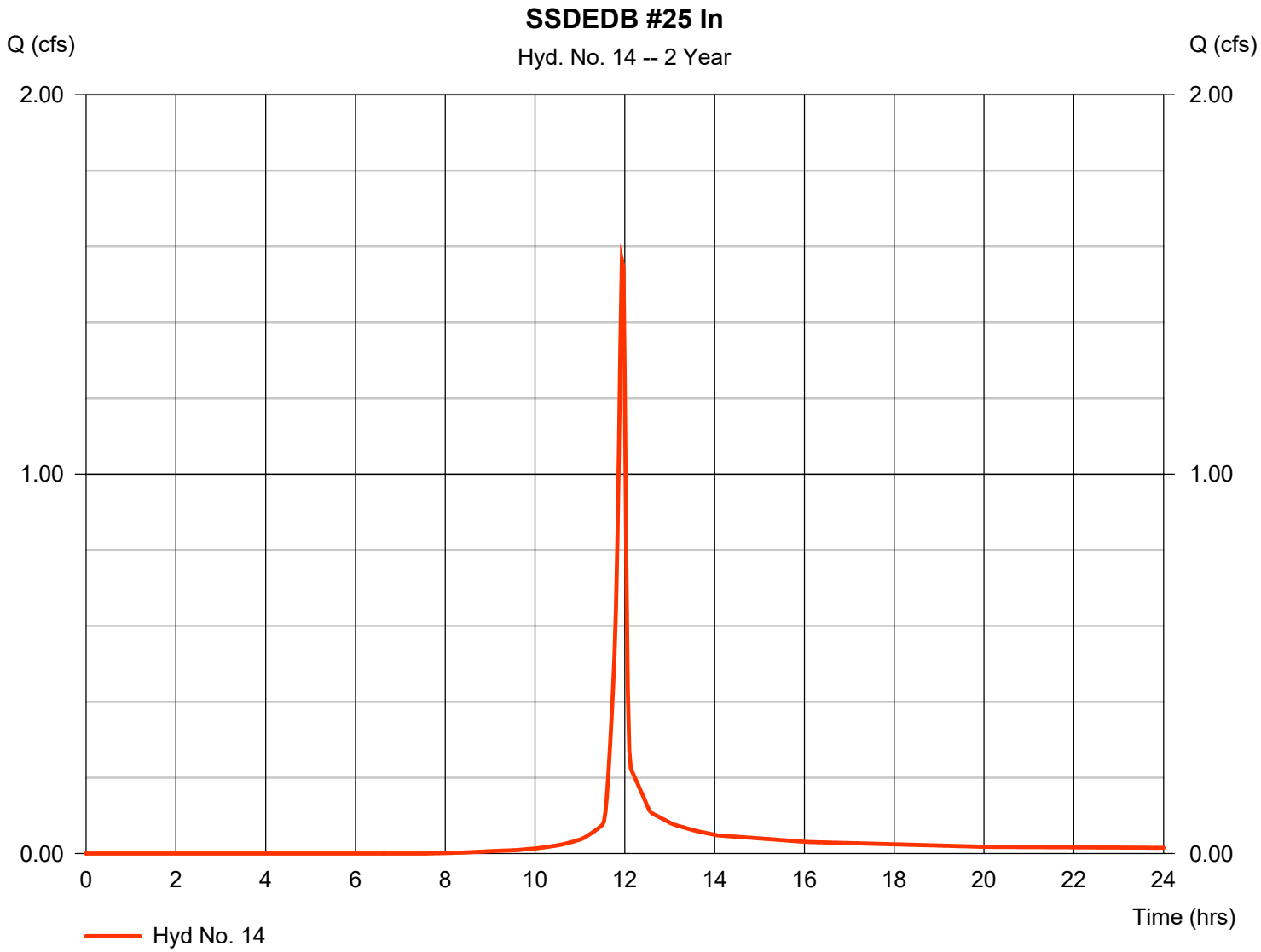
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	= SCS Runoff	Peak discharge	= 1.564 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 3,171 cuft
Drainage area	= 0.520 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 3.24 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

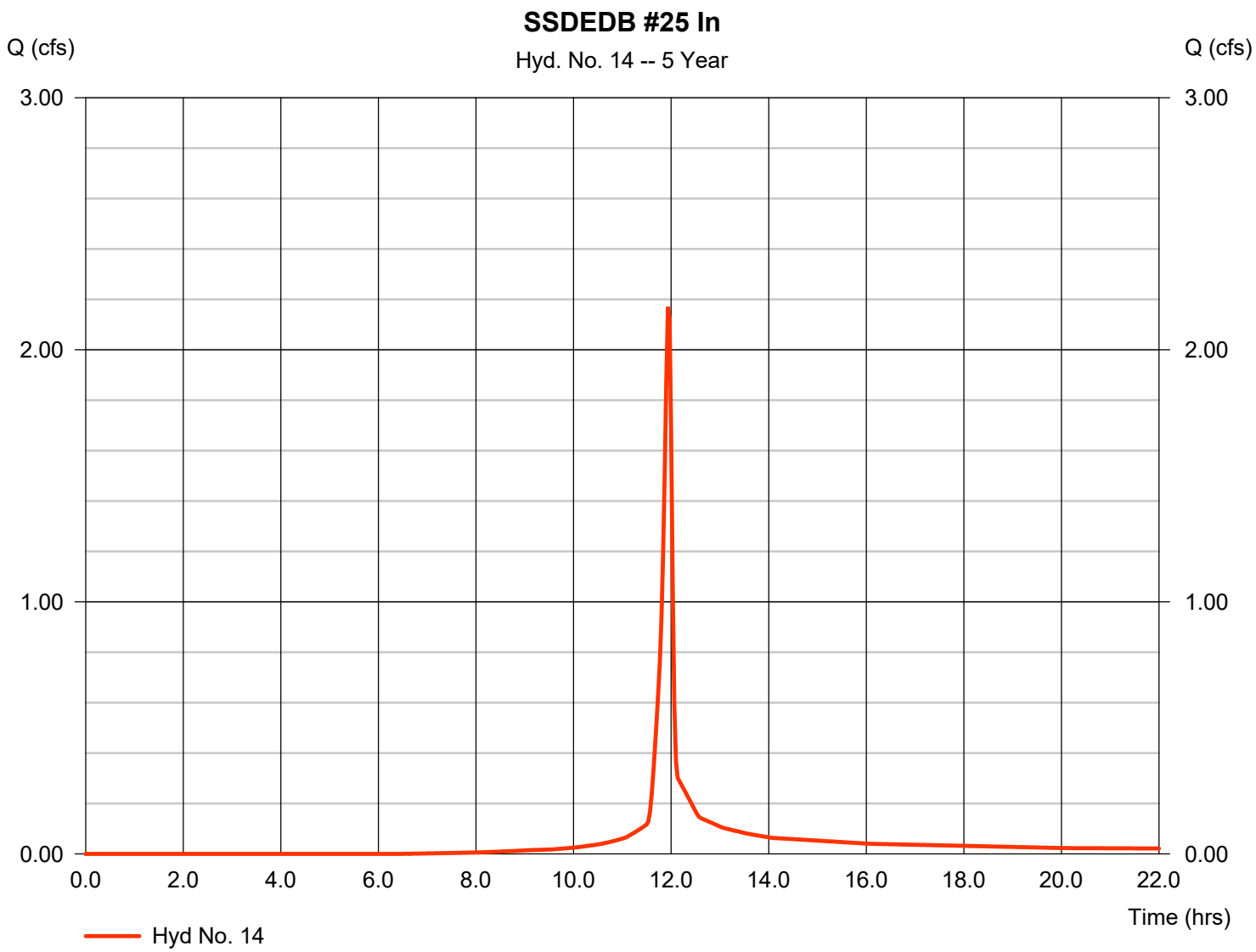
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.170 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 4,444 cuft
Drainage area	= 0.520 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.06 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

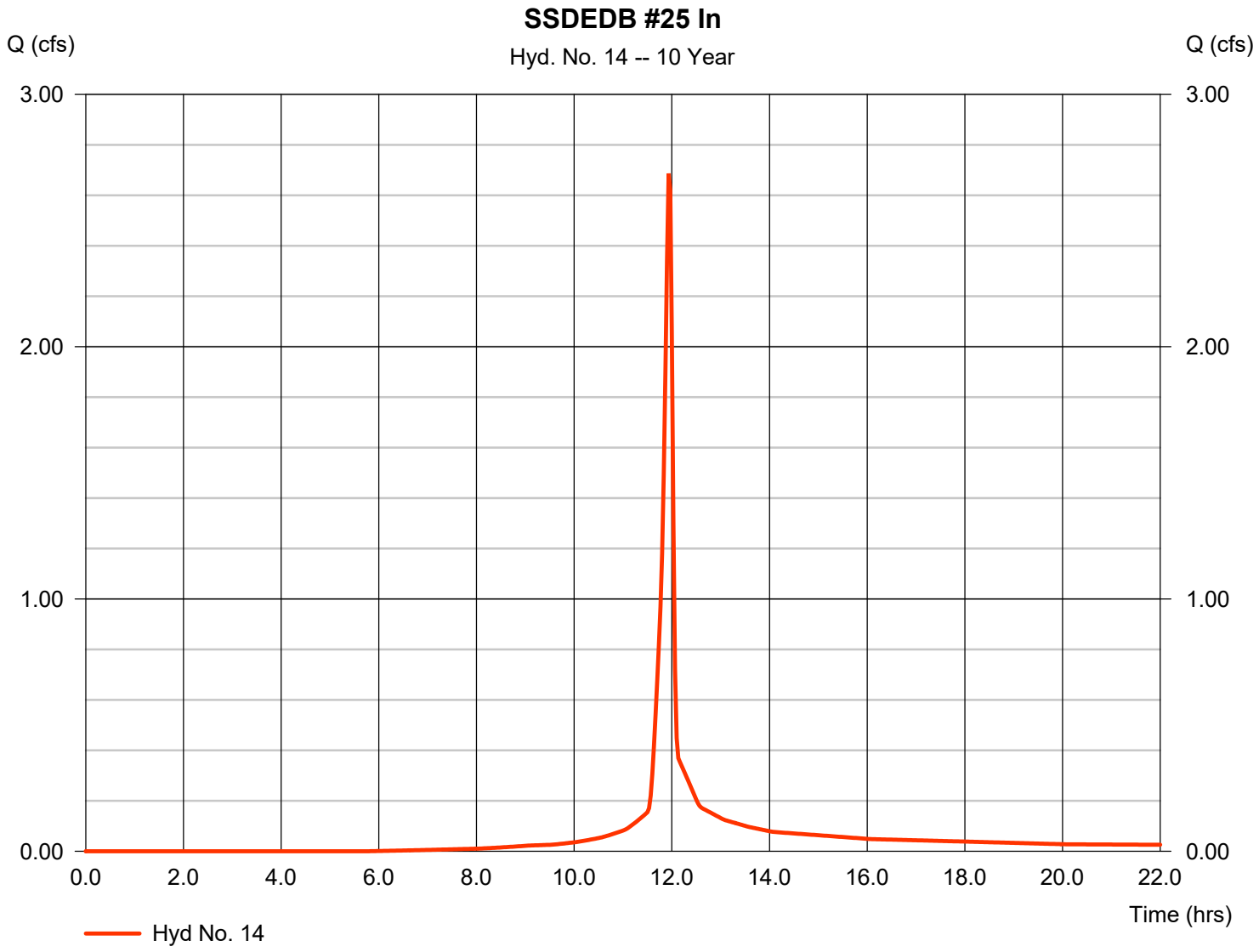
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	= SCS Runoff	Peak discharge	= 2.687 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 5,553 cuft
Drainage area	= 0.520 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 4.75 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

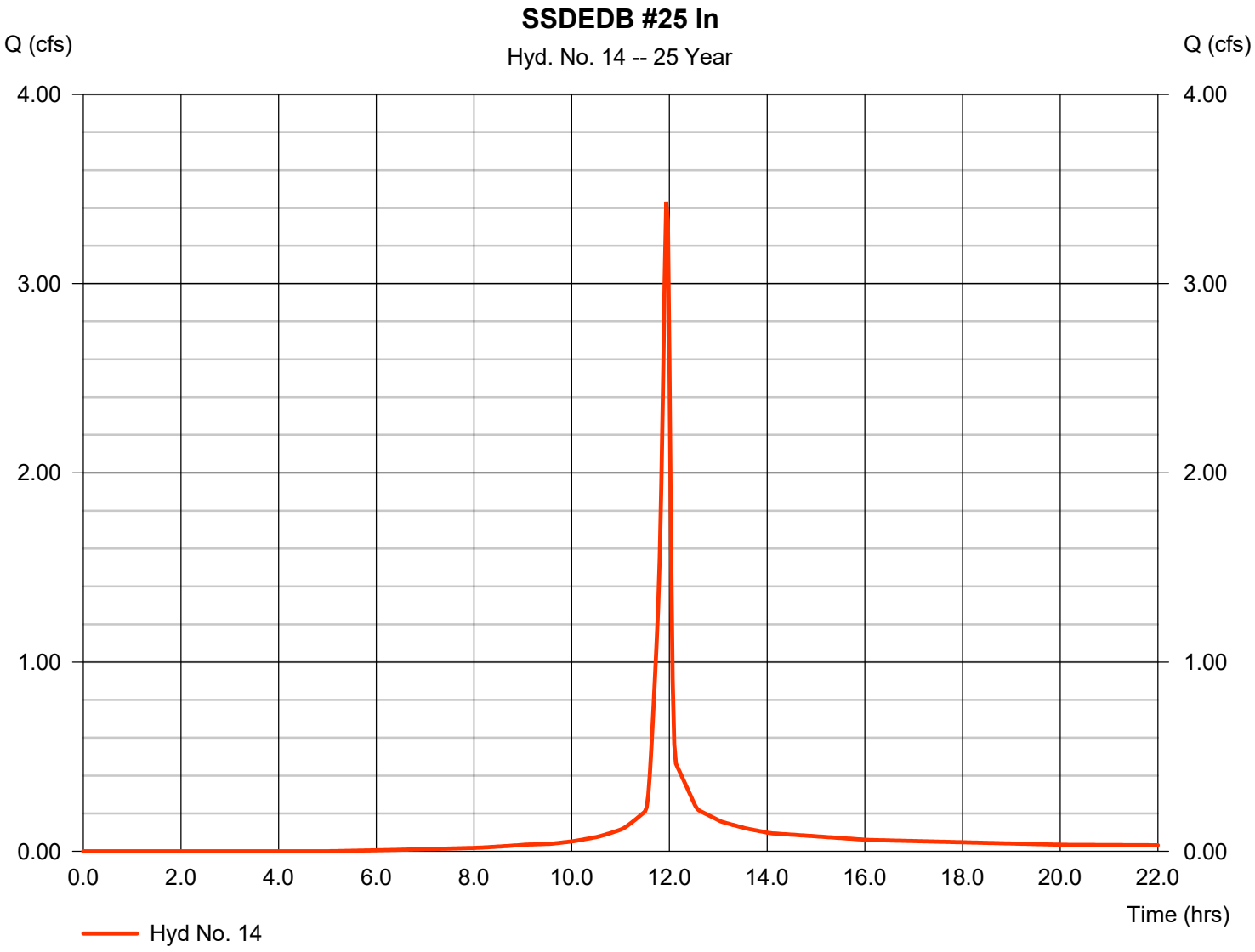
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	= SCS Runoff	Peak discharge	= 3.430 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 7,181 cuft
Drainage area	= 0.520 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 5.74 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

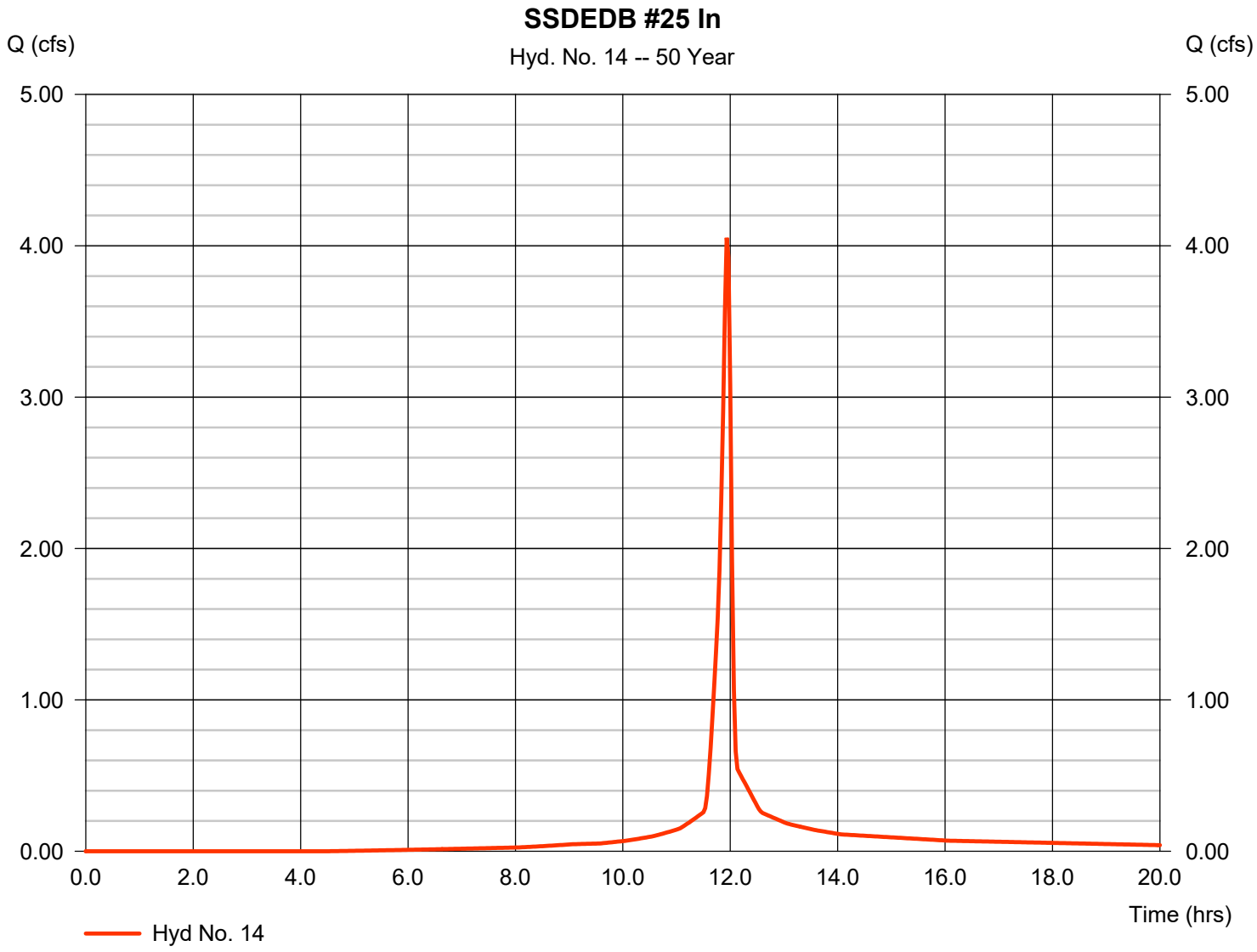
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	=	SCS Runoff	Peak discharge	=	4.053 cfs
Storm frequency	=	50 yrs	Time to peak	=	11.93 hrs
Time interval	=	2 min	Hyd. volume	=	8,569 cuft
Drainage area	=	0.520 ac	Curve number	=	85*
Basin Slope	=	0.0 %	Hydraulic length	=	0 ft
Tc method	=	User	Time of conc. (Tc)	=	5.00 min
Total precip.	=	6.57 in	Distribution	=	Type II
Storm duration	=	24 hrs	Shape factor	=	484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



Hydrograph Report

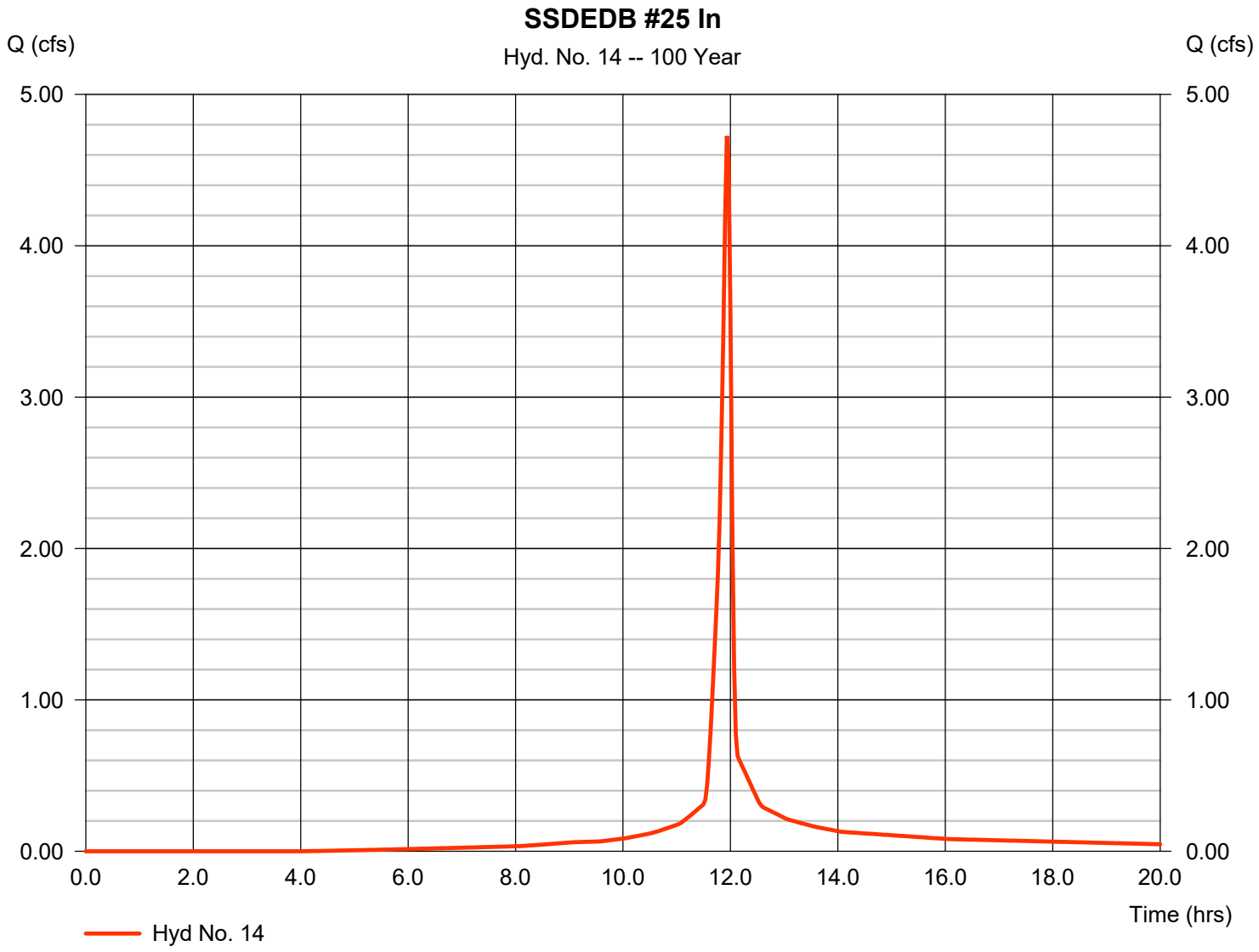
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 14

SSDEDB #25 In

Hydrograph type	= SCS Runoff	Peak discharge	= 4.726 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 10,092 cuft
Drainage area	= 0.520 ac	Curve number	= 85*
Basin Slope	= 0.0 %	Hydraulic length	= 0 ft
Tc method	= User	Time of conc. (Tc)	= 5.00 min
Total precip.	= 7.47 in	Distribution	= Type II
Storm duration	= 24 hrs	Shape factor	= 484

* Composite (Area/CN) = [(0.180 x 61) + (0.340 x 98)] / 0.520



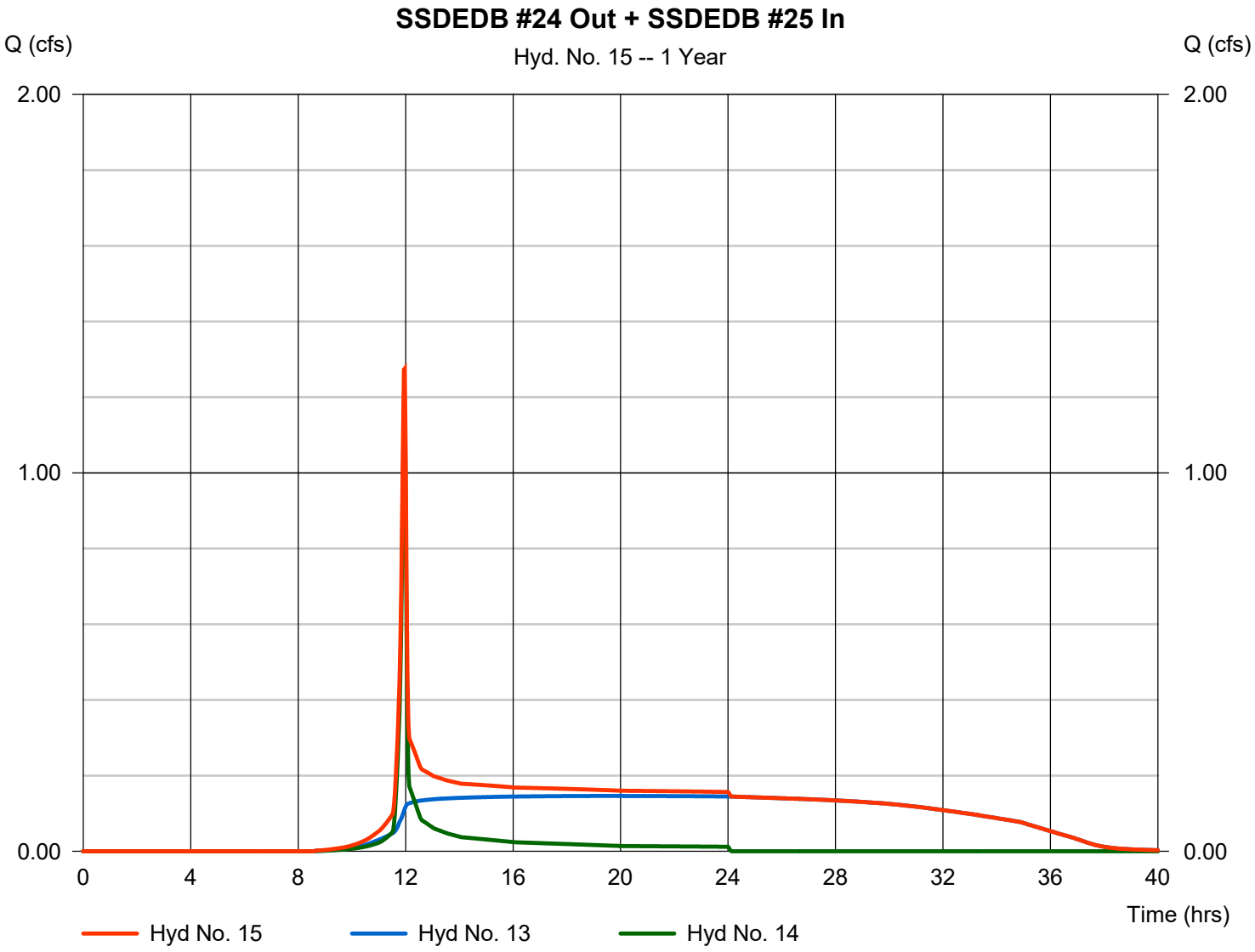
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 1.275 cfs
Storm frequency	= 1 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 14,167 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



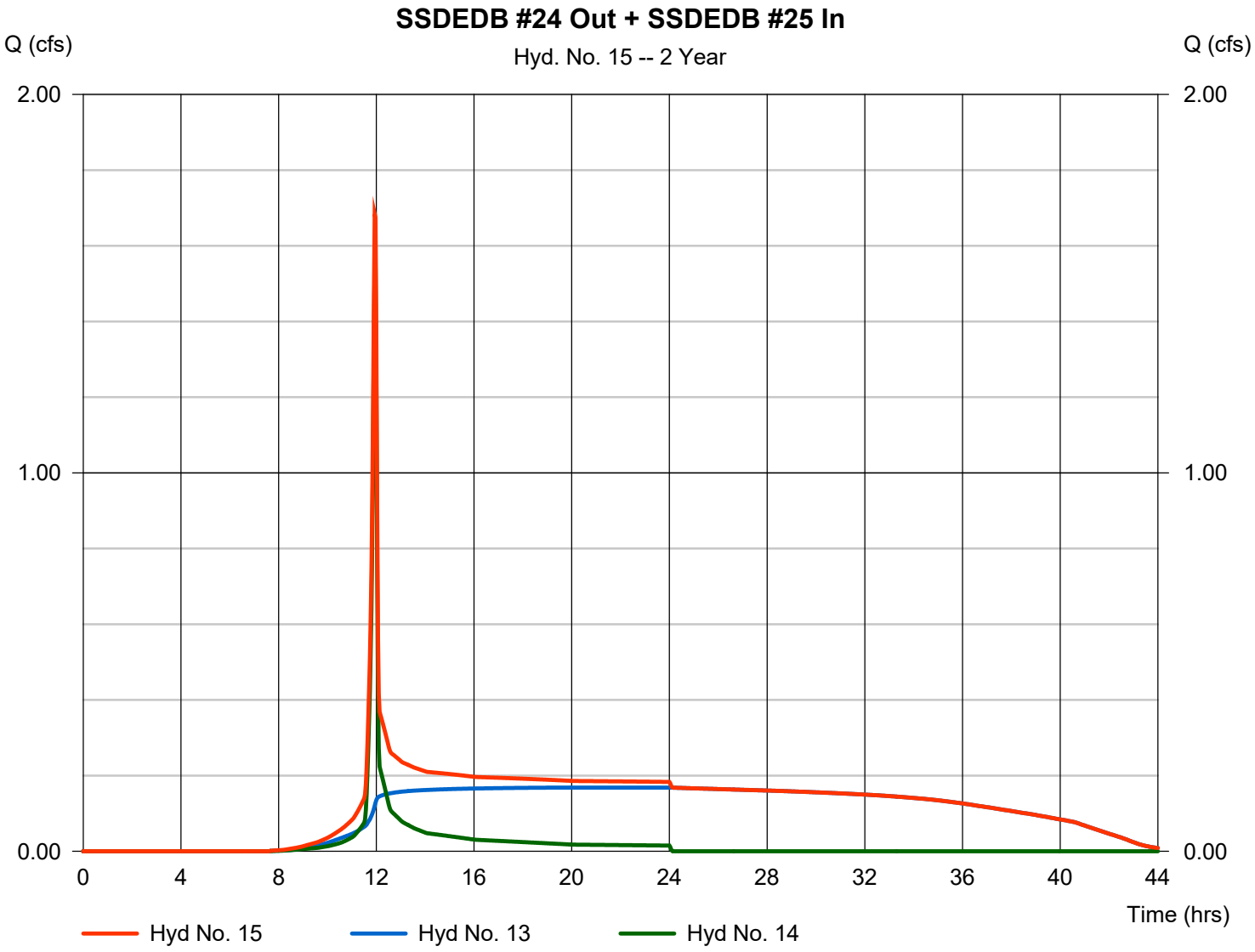
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 1.684 cfs
Storm frequency	= 2 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 19,620 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



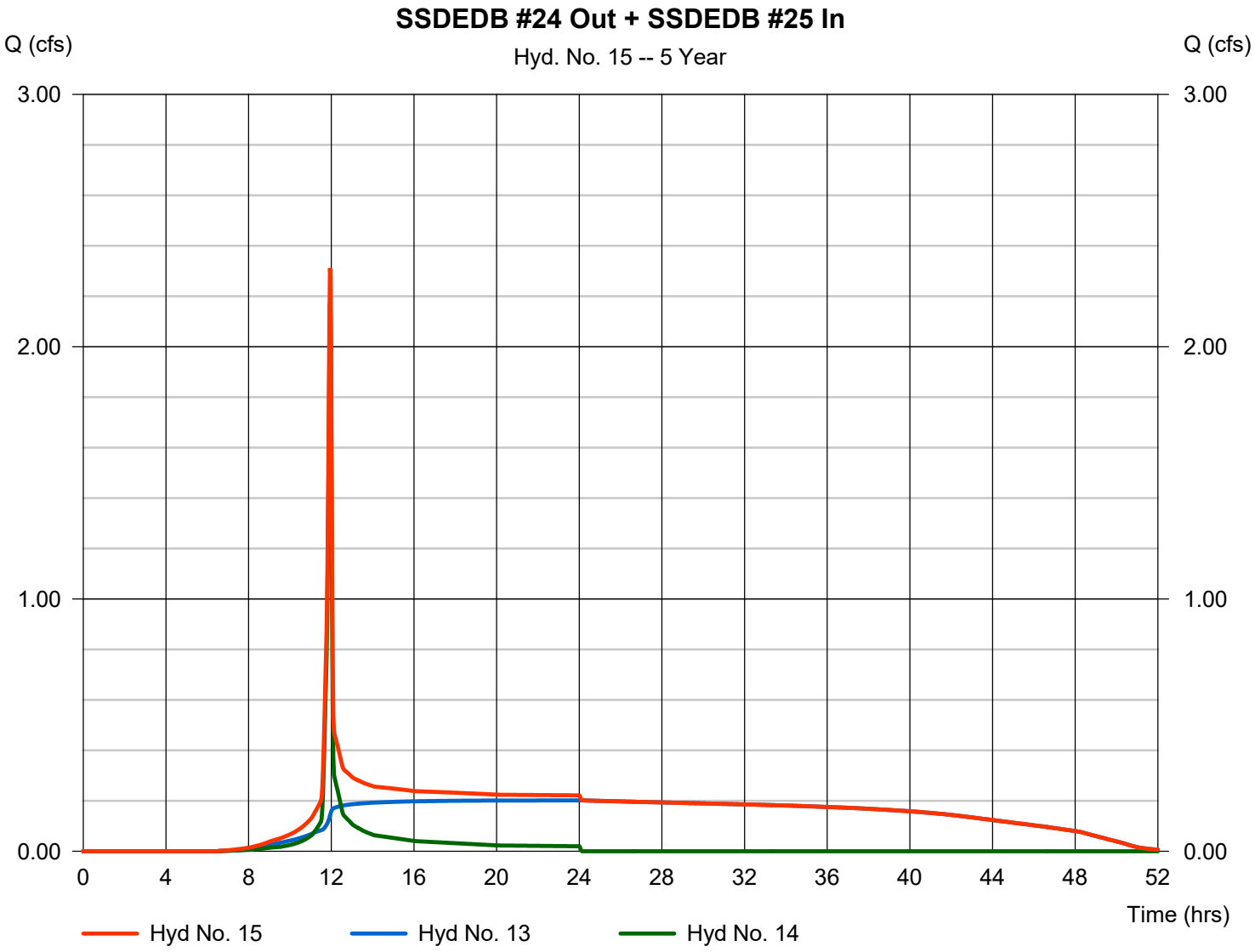
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 2.311 cfs
Storm frequency	= 5 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 28,419 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



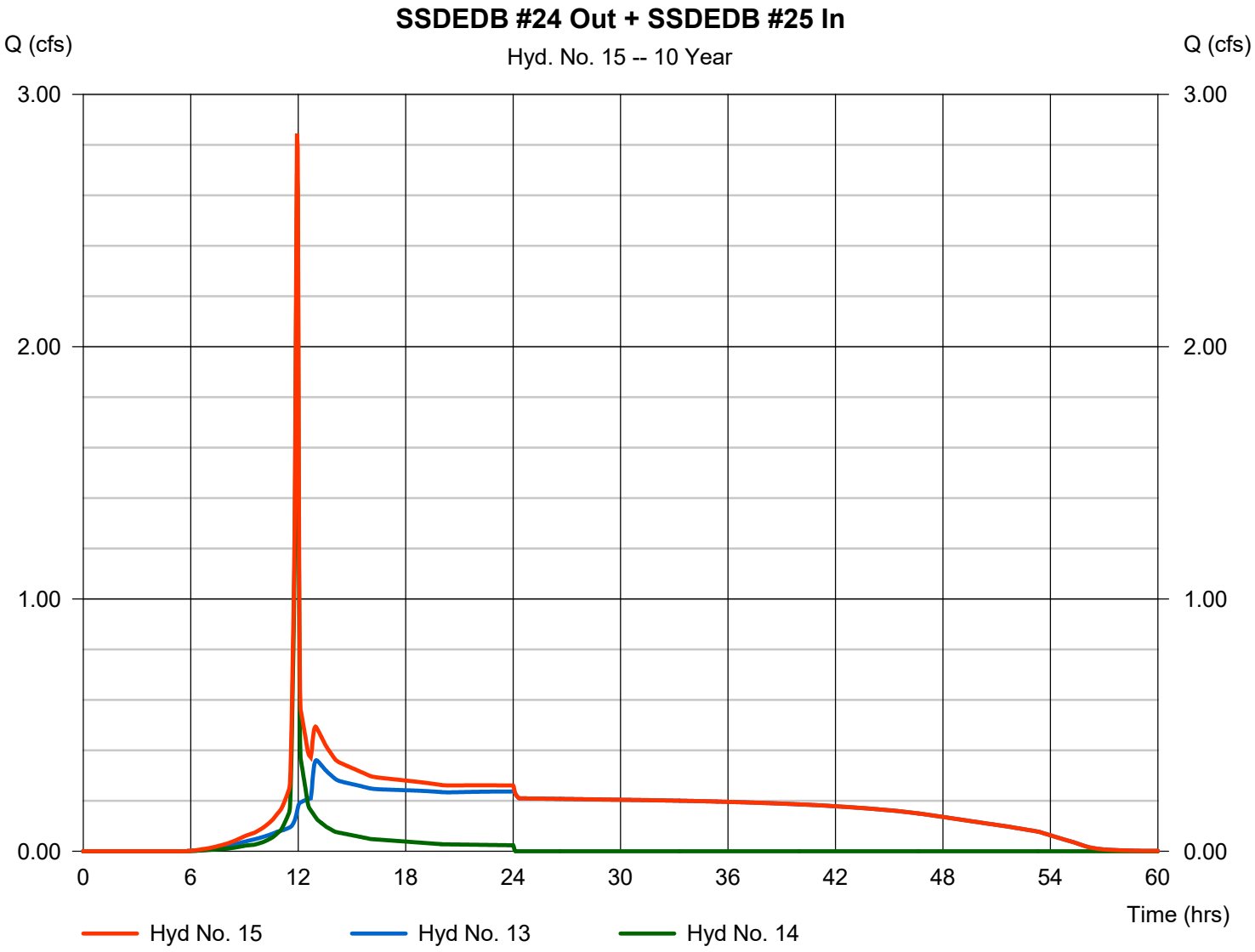
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 2.845 cfs
Storm frequency	= 10 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 36,274 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



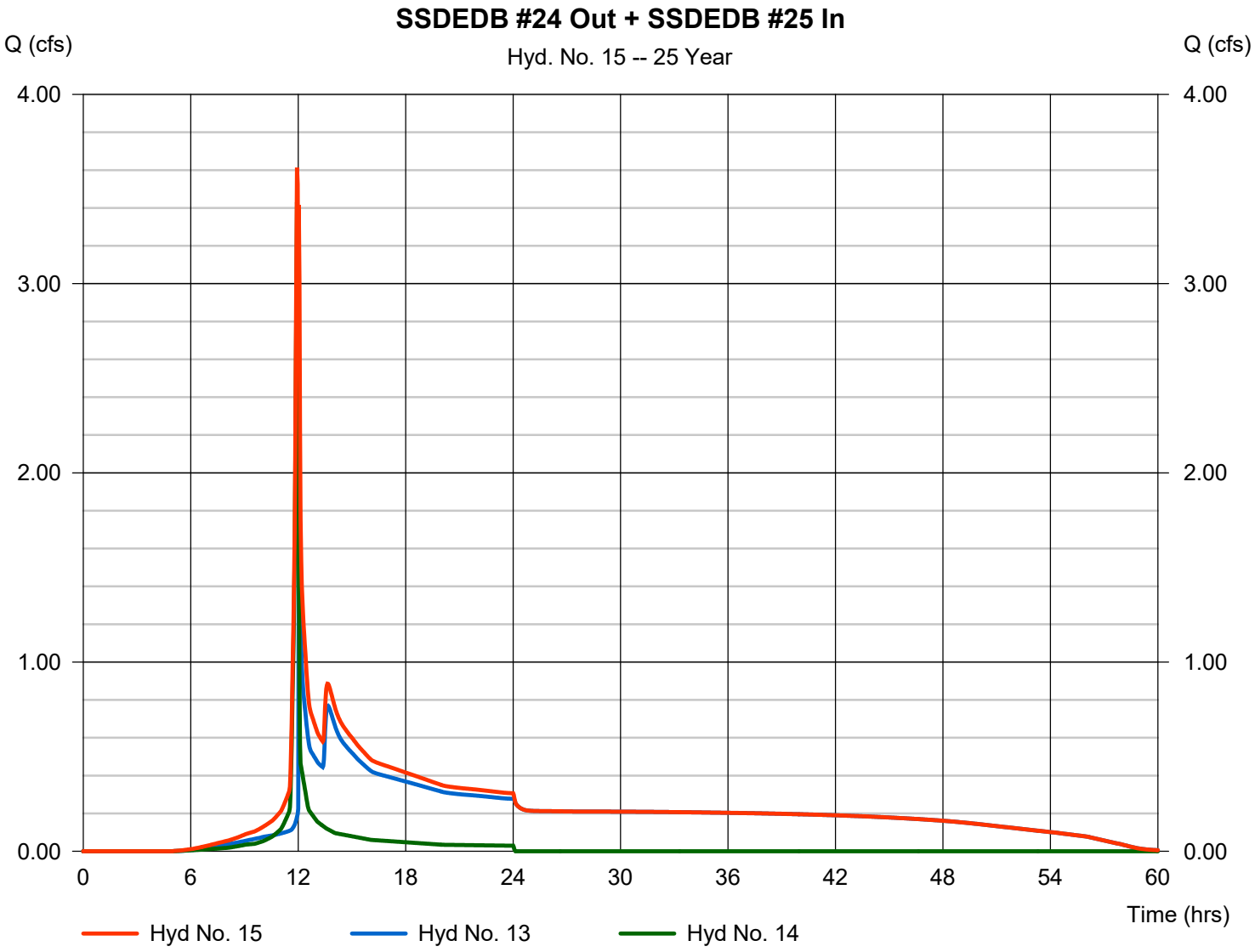
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 3.613 cfs
Storm frequency	= 25 yrs	Time to peak	= 11.93 hrs
Time interval	= 2 min	Hyd. volume	= 48,055 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



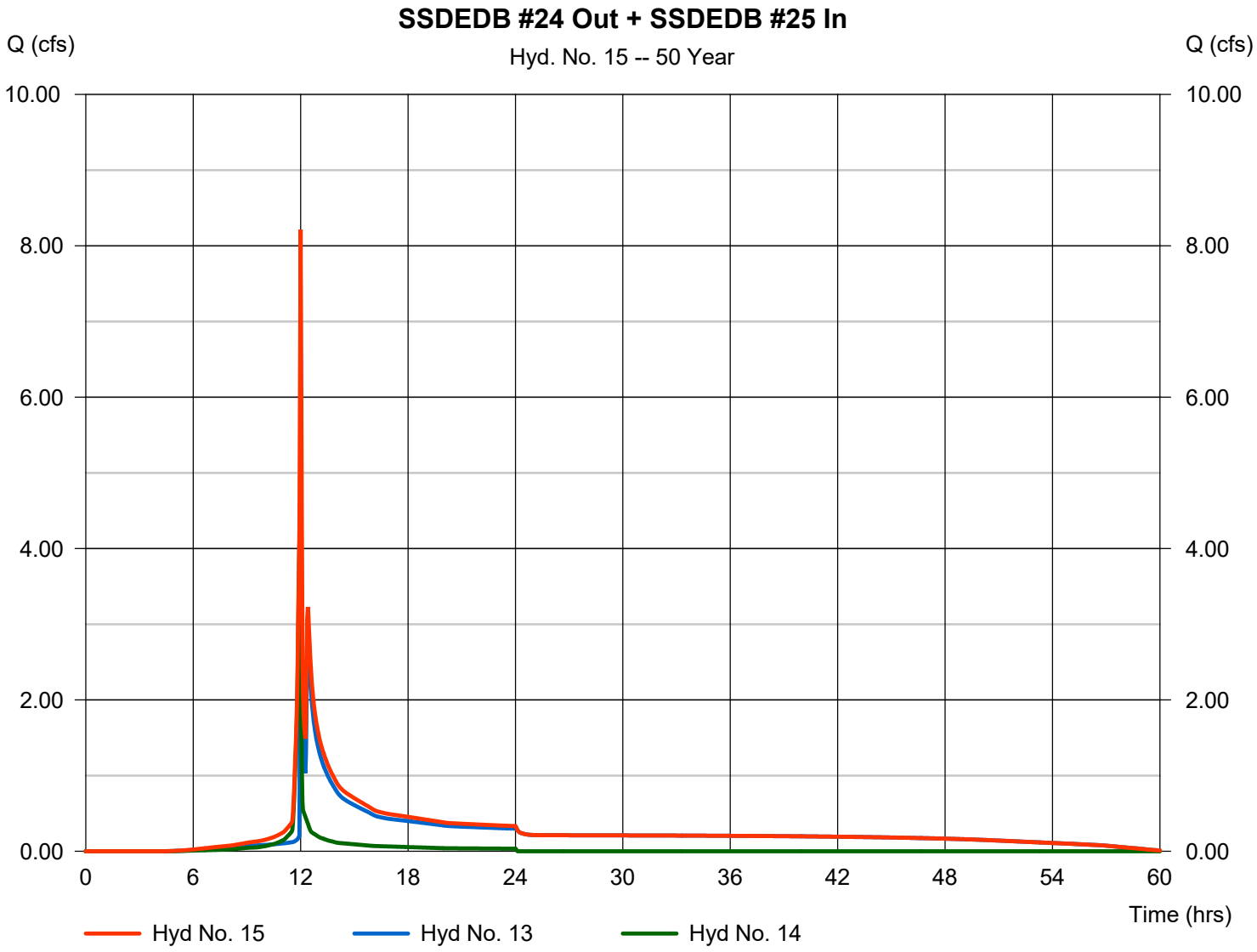
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 8.214 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 58,274 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



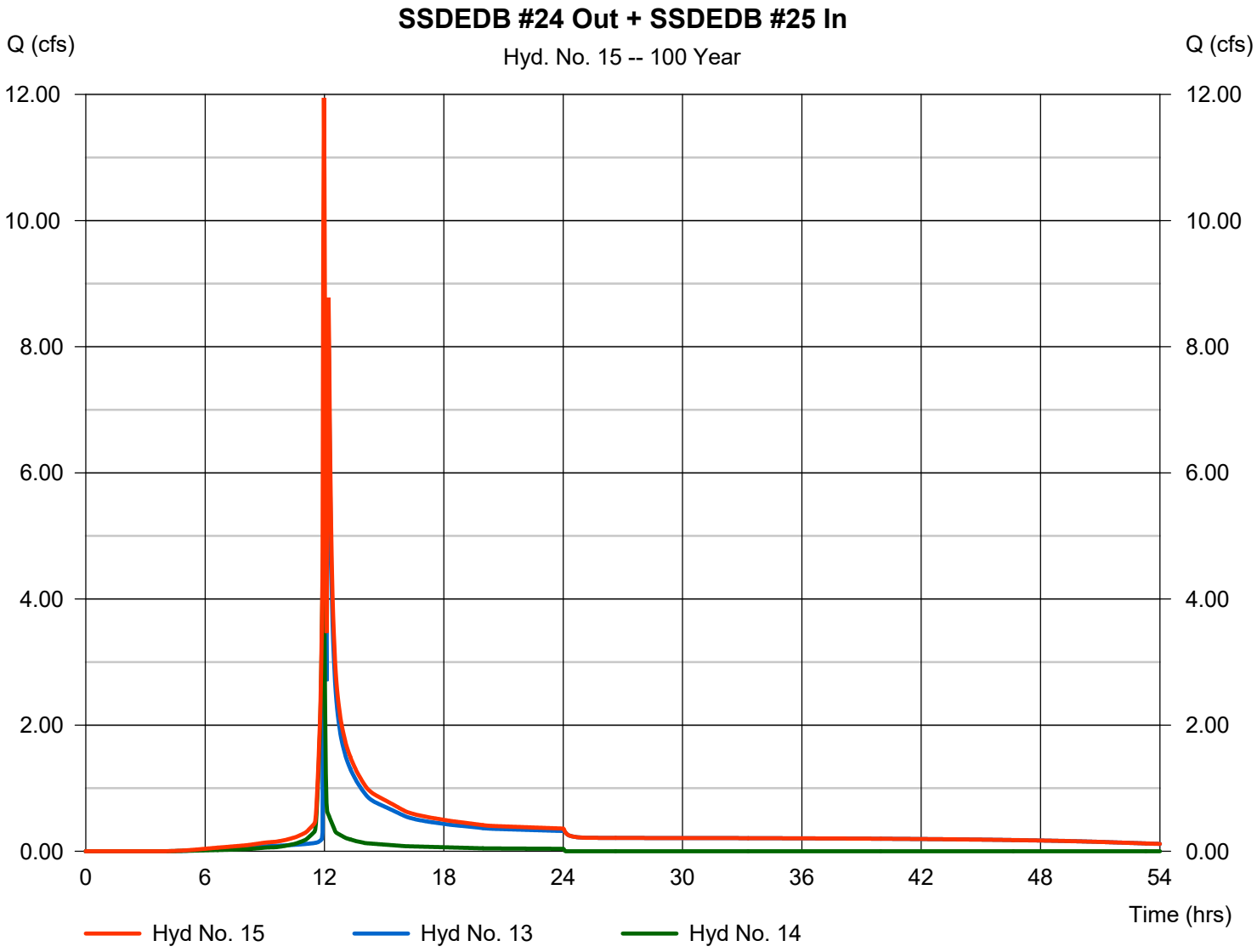
Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 15

SSDEDB #24 Out + SSDEDB #25 In

Hydrograph type	= Combine	Peak discharge	= 11.95 cfs
Storm frequency	= 100 yrs	Time to peak	= 11.97 hrs
Time interval	= 2 min	Hyd. volume	= 69,615 cuft
Inflow hyds.	= 13, 14	Contrib. drain. area	= 0.520 ac



StormTech MC-3500 Chamber and End Cap Storage Volume

SSDEDB #25

		Volume for One Chamber			# of Chambers 27	Volume for One End Cap			# of End Caps 6	
Elevation (inches)	Elevation (feet)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Stone Inc. (ft^3)	Pipe Inc. (ft^3)	Total Cum. (ft^3)	Total Cum. (ft^3)	Total Cum. Volume (ft^3)
0	405.3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	405.3833	1.71	0.00	1.71	46.17	0.56	0.00	0.56	3.36	49.53
2	405.4667	1.71	0.00	3.42	92.34	0.58	0.00	1.14	6.84	99.18
3	405.5500	1.72	0.00	5.14	138.78	0.57	0.00	1.71	10.26	149.04
4	405.6333	1.71	0.00	6.85	184.95	0.57	0.00	2.28	13.68	198.63
5	405.7167	1.71	0.00	8.56	231.12	0.57	0.00	2.85	17.10	248.22
6	405.8000	1.71	0.00	10.27	277.29	0.57	0.00	3.42	20.52	297.81
7	405.8833	1.71	0.00	11.98	323.46	0.57	0.00	3.99	23.94	347.40
8	405.9667	1.72	0.00	13.70	369.90	0.56	0.00	4.55	27.30	397.20
9	406.0500	1.71	0.00	15.41	416.07	0.57	0.00	5.12	30.72	446.79
10	406.1333	0.30	3.51	19.22	518.94	0.32	0.63	6.07	36.42	555.36
11	406.2167	0.33	3.47	23.02	621.54	0.32	0.63	7.02	42.12	663.66
12	406.3000	0.33	3.46	26.81	723.87	0.32	0.62	7.96	47.76	771.63
13	406.3833	0.33	3.44	30.58	825.66	0.33	0.61	8.90	53.40	879.06
14	406.4667	0.35	3.41	34.34	927.18	0.32	0.61	9.83	58.98	986.16
15	406.5500	0.35	3.40	38.09	1028.43	0.33	0.60	10.76	64.56	1092.99
16	406.6333	0.38	3.36	41.83	1129.41	0.33	0.60	11.69	70.14	1199.55
17	406.7167	0.36	3.35	45.54	1229.58	0.34	0.58	12.61	75.66	1305.24
18	406.8000	0.39	3.32	49.25	1329.75	0.33	0.58	13.52	81.12	1410.87
19	406.8833	0.39	3.29	52.93	1429.11	0.34	0.57	14.43	86.58	1515.69
20	406.9667	0.41	3.26	56.60	1528.20	0.35	0.56	15.34	92.04	1620.24
21	407.0500	0.42	3.23	60.25	1626.75	0.36	0.54	16.24	97.44	1724.19
22	407.1333	0.43	3.20	63.88	1724.76	0.35	0.54	17.13	102.78	1827.54
23	407.2167	0.46	3.16	67.50	1822.50	0.36	0.52	18.01	108.06	1930.56
24	407.3000	0.46	3.13	71.09	1919.43	0.36	0.51	18.88	113.28	2032.71
25	407.3833	0.46	3.10	74.65	2015.55	0.38	0.49	19.75	118.50	2134.05
26	407.4667	0.50	3.05	78.20	2111.40	0.38	0.48	20.61	123.66	2235.06
27	407.5500	0.51	3.01	81.72	2206.44	0.38	0.46	21.45	128.70	2335.14
28	407.6333	0.52	2.97	85.21	2300.67	0.39	0.45	22.29	133.74	2434.41
29	407.7167	0.54	2.93	88.68	2394.36	0.40	0.43	23.12	138.72	2533.08
30	407.8000	0.57	2.87	92.12	2487.24	0.40	0.41	23.93	143.58	2630.82
31	407.8833	0.57	2.83	95.52	2579.04	0.42	0.39	24.74	148.44	2727.48
32	407.9667	0.61	2.77	98.90	2670.30	0.42	0.37	25.53	153.18	2823.48
33	408.0500	0.62	2.72	102.24	2760.48	0.42	0.35	26.30	157.80	2918.28
34	408.1333	0.65	2.65	105.54	2849.58	0.45	0.33	27.08	162.48	3012.06
35	408.2167	0.67	2.60	108.81	2937.87	0.44	0.32	27.84	167.04	3104.91
36	408.3000	0.71	2.52	112.04	3025.08	0.45	0.29	28.58	171.48	3196.56
37	408.3833	0.73	2.46	115.23	3111.21	0.46	0.27	29.31	175.86	3287.07
38	408.4667	0.75	2.39	118.37	3195.99	0.46	0.26	30.03	180.18	3376.17
39	408.5500	0.80	2.30	121.47	3279.69	0.48	0.24	30.75	184.50	3464.19
40	408.6333	0.81	2.23	124.51	3361.77	0.49	0.21	31.45	188.70	3550.47
41	408.7167	0.87	2.13	127.51	3442.77	0.48	0.20	32.13	192.78	3635.55
42	408.8000	0.89	2.04	130.44	3521.88	0.50	0.18	32.81	196.86	3718.74
43	408.8833	0.94	1.94	133.32	3599.64	0.51	0.16	33.48	200.88	3800.52
44	408.9667	0.98	1.83	136.13	3675.51	0.51	0.14	34.13	204.78	3880.29
45	409.0500	1.02	1.71	138.86	3749.22	0.52	0.12	34.77	208.62	3957.84
46	409.1333	1.09	1.57	141.52	3821.04	0.53	0.10	35.40	212.40	4033.44
47	409.2167	1.15	1.42	144.09	3890.43	0.53	0.09	36.02	216.12	4106.55
48	409.3000	1.21	1.25	146.55	3956.85	0.55	0.07	36.64	219.84	4176.69
49	409.3833	1.30	1.03	148.88	4019.76	0.55	0.05	37.24	223.44	4243.20
50	409.4667	1.43	0.69	151.00	4077.00	0.55	0.04	37.83	226.98	4303.98
51	409.5500	1.55	0.40	152.95	4129.65	0.56	0.02	38.41	230.46	4360.11
52	409.6333	1.60	0.29	154.84	4180.68	0.57	0.01	38.99	233.94	4414.62
53	409.7167	1.63	0.20	156.67	4230.09	0.56	0.01	39.56	237.36	4467.45
54	409.8000	1.69	0.06	158.42	4277.34	0.57	0.00	40.13	240.78	4518.12
55	409.8833	1.71	0.00	160.13	4323.51	0.57	0.00	40.70	244.20	4567.71
56	409.9667	1.71	0.00	161.84	4369.68	0.57	0.00	41.27	247.62	4617.30
57	410.0500	1.71	0.00	163.55	4415.85	0.57	0.00	41.84	251.04	4666.89
58	410.1333	1.72	0.00	165.27	4462.29	0.57	0.00	42.41	254.46	4716.75
59	410.2167	1.71	0.00	166.98	4508.46	0.57	0.00	42.98	257.88	4766.34
60	410.3000	1.71	0.00	168.69	4554.63	0.56	0.00	43.54	261.24	4815.87
61	410.3833	1.71	0.00	170.40	4600.80	0.57	0.00	44.11	264.66	4865.46
62	410.4667	1.71	0.00	172.11	4646.97	0.57	0.00	44.68	268.08	4915.05
63	410.5500	1.72	0.00	173.83	4693.41	0.57	0.00	45.25	271.50	4964.91
64	410.6333	1.71	0.00	175.54	4739.58	0.57	0.00	45.82	274.92	5014.50
65	410.7167	1.71	0.00	177.25	4785.75	0.57	0.00	46.39	278.34	5064.09
66	410.8000	1.71	0.00	178.96	4831.92	0.57	0.00	46.96	281.76	5113.68

Assumes 40% stone porosity. Calculations are based upon a 9" stone base under the chambers and end caps, 12" of stone above chambers and end caps, 9" spacing between chambers and end caps and 6" of stone perimeter.

Pond No. 5 - SSDEDB #25

Pond Data

Pond storage is based on user-defined values.

Stage / Storage Table

Stage (ft)	Elevation (ft)	Contour area (sqft)	Incr. Storage (cuft)	Total storage (cuft)
0.00	405.30	n/a	0	0
0.33	405.63	n/a	199	199
0.67	405.97	n/a	199	397
1.00	406.30	n/a	374	772
1.33	406.63	n/a	428	1,200
1.67	406.97	n/a	421	1,620
2.00	407.30	n/a	412	2,033
2.33	407.63	n/a	402	2,434
2.67	407.97	n/a	389	2,823
3.00	408.30	n/a	373	3,197
3.33	408.63	n/a	354	3,550
3.67	408.97	n/a	330	3,880
4.00	409.30	n/a	296	4,177
4.33	409.63	n/a	238	4,415
4.67	409.97	n/a	203	4,617
5.00	410.30	n/a	199	4,816
5.33	410.63	n/a	199	5,015
5.50	410.80	n/a	99	5,114

Culvert / Orifice Structures

	[A]	[B]	[C]	[PrfRsr]
Rise (in)	= 24.00	1.50	Inactive	0.00
Span (in)	= 24.00	1.50	0.00	0.00
No. Barrels	= 1	1	1	0
Invert El. (ft)	= 405.30	405.30	0.00	0.00
Length (ft)	= 28.00	0.00	0.00	0.00
Slope (%)	= 1.00	0.00	0.00	n/a
N-Value	= .012	.013	.013	n/a
Orifice Coeff.	= 0.60	0.60	0.60	0.60
Multi-Stage	= n/a	Yes	No	No

Weir Structures

	[A]	[B]	[C]	[D]
Crest Len (ft)	= 2.00	Inactive	0.00	0.00
Crest El. (ft)	= 409.25	0.00	0.00	0.00
Weir Coeff.	= 3.33	3.33	3.33	3.33
Weir Type	= Rect	Rect	---	---
Multi-Stage	= Yes	No	No	No

Exfil.(in/hr) = 0.000 (by Wet area)

TW Elev. (ft) = 0.00

Note: Culvert/Orifice outflows are analyzed under inlet (ic) and outlet (oc) control. Weir risers checked for orifice conditions (ic) and submergence (s).

Stage / Storage / Discharge Table

Stage ft	Storage cuft	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PrfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	User cfs	Total cfs
0.00	0	405.30	0.00	0.00	---	---	0.00	---	---	---	---	---	0.000
0.33	199	405.63	0.03 ic	0.03 ic	---	---	0.00	---	---	---	---	---	0.031
0.67	397	405.97	0.05 ic	0.05 ic	---	---	0.00	---	---	---	---	---	0.045
1.00	772	406.30	0.06 ic	0.06 ic	---	---	0.00	---	---	---	---	---	0.056
1.33	1,200	406.63	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.066
1.67	1,620	406.97	0.07 ic	0.07 ic	---	---	0.00	---	---	---	---	---	0.074
2.00	2,033	407.30	0.08 ic	0.08 ic	---	---	0.00	---	---	---	---	---	0.081
2.33	2,434	407.63	0.09 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.088
2.67	2,823	407.97	0.09 ic	0.09 ic	---	---	0.00	---	---	---	---	---	0.094
3.00	3,197	408.30	0.11 ic	0.10 ic	---	---	0.00	---	---	---	---	---	0.100
3.33	3,550	408.63	0.11 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.106
3.67	3,880	408.97	0.12 ic	0.11 ic	---	---	0.00	---	---	---	---	---	0.111
4.00	4,177	409.30	0.20 ic	0.12 ic	---	---	0.07	---	---	---	---	---	0.189
4.33	4,415	409.63	1.73 ic	0.12 ic	---	---	1.58	---	---	---	---	---	1.693
4.67	4,617	409.97	4.25 oc	0.12 ic	---	---	4.04	---	---	---	---	---	4.152
5.00	4,816	410.30	7.29 oc	0.11 ic	---	---	7.16	---	---	---	---	---	7.274
5.33	5,015	410.63	10.94 oc	0.11 ic	---	---	10.83	---	---	---	---	---	10.94
5.50	5,114	410.80	12.96 oc	0.11 ic	---	---	12.85	---	---	---	---	---	12.96

Hydrograph Report

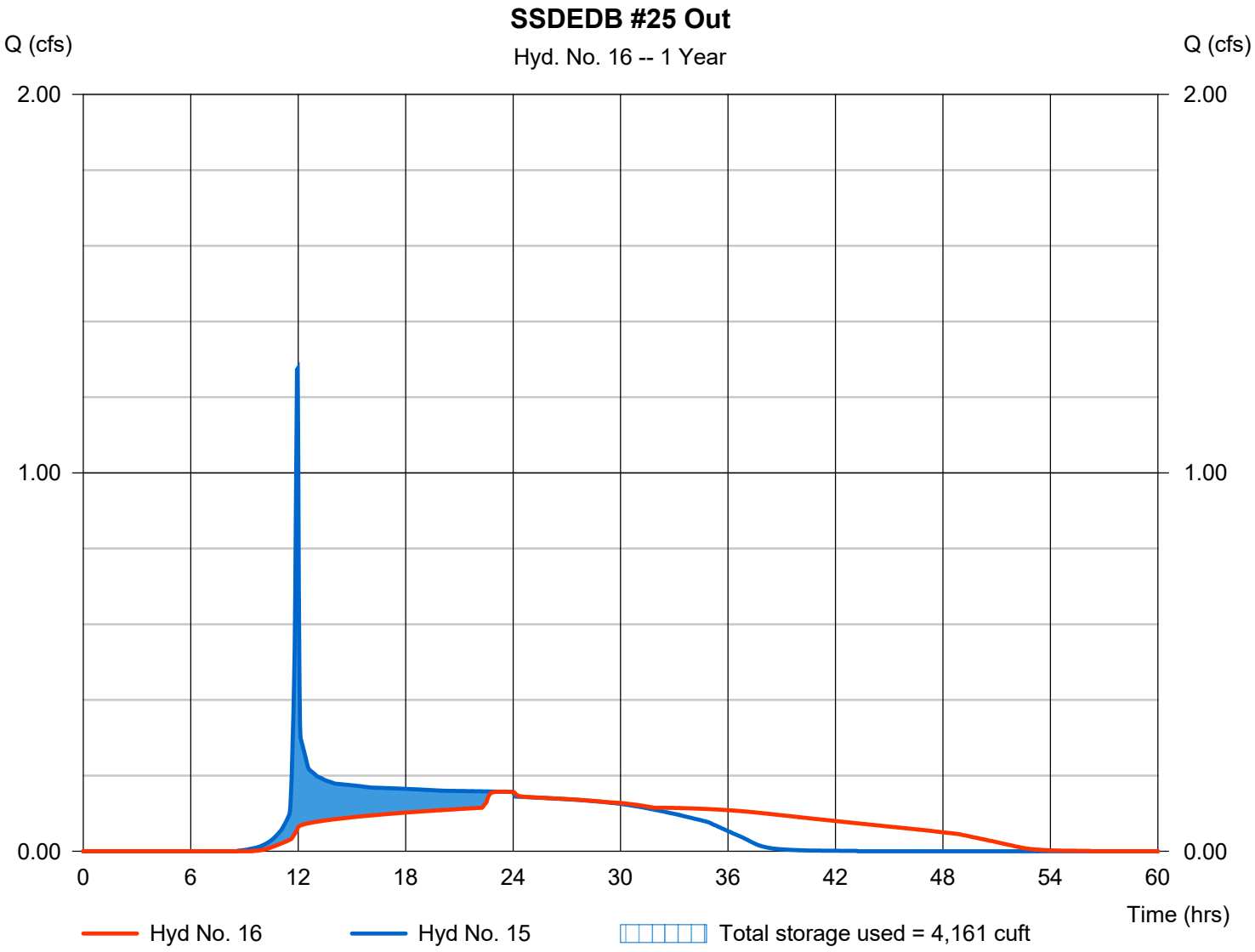
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.157 cfs
Storm frequency	= 1 yrs	Time to peak	= 23.23 hrs
Time interval	= 2 min	Hyd. volume	= 14,155 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 409.28 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,161 cuft

Storage Indication method used.



Hydrograph Report

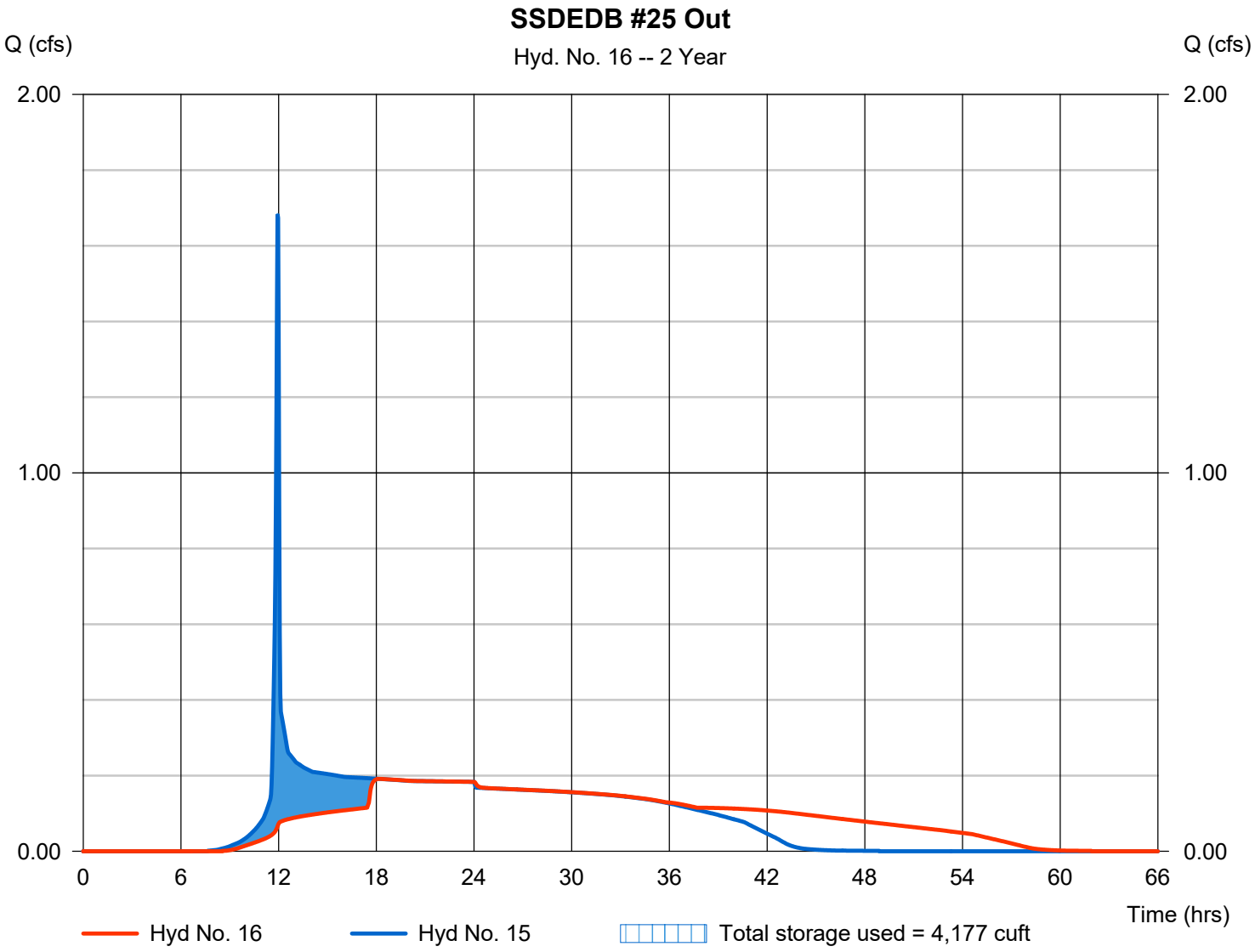
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.191 cfs
Storm frequency	= 2 yrs	Time to peak	= 18.17 hrs
Time interval	= 2 min	Hyd. volume	= 19,608 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 409.30 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,177 cuft

Storage Indication method used.



Hydrograph Report

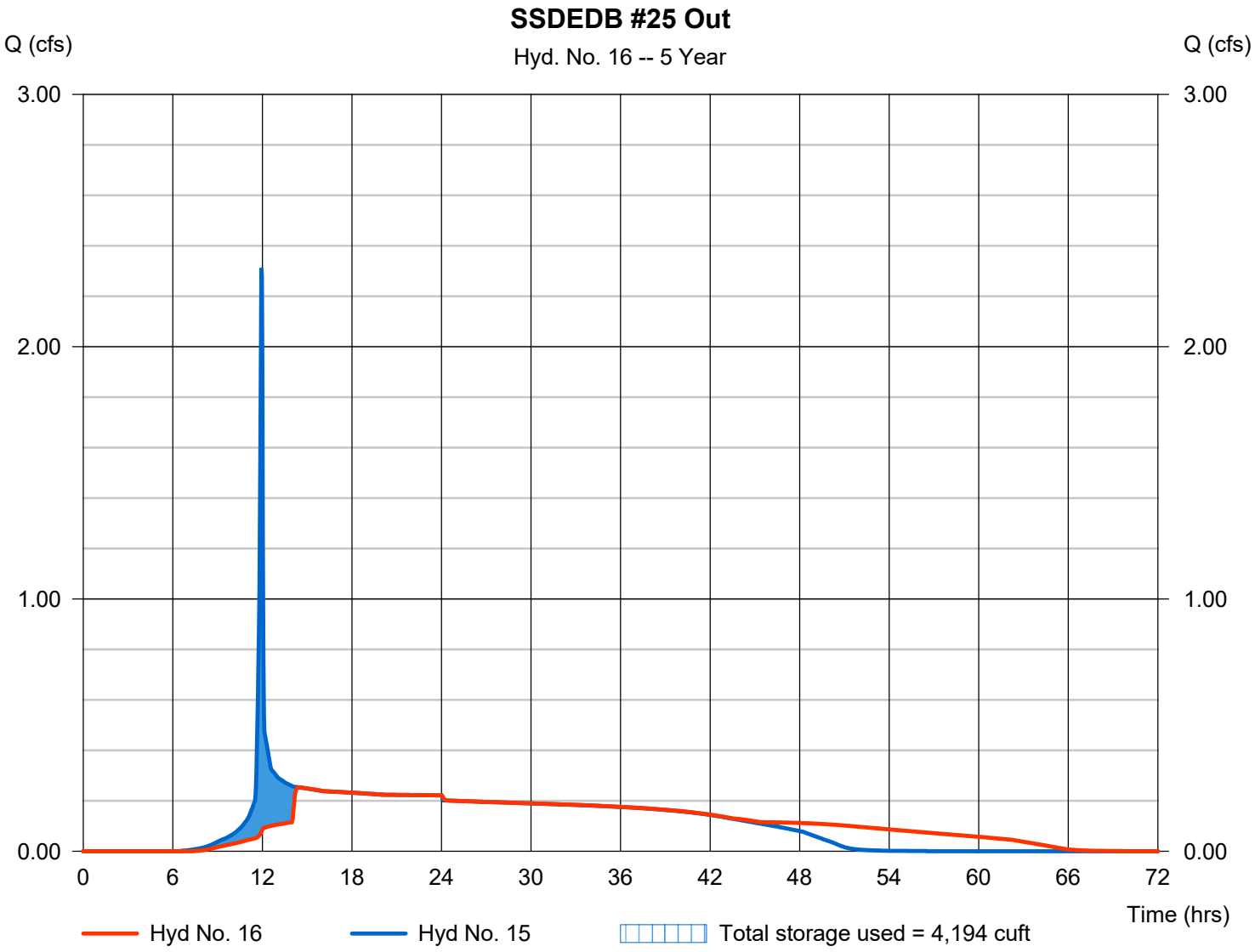
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.253 cfs
Storm frequency	= 5 yrs	Time to peak	= 14.47 hrs
Time interval	= 2 min	Hyd. volume	= 28,407 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 409.32 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,194 cuft

Storage Indication method used.



Hydrograph Report

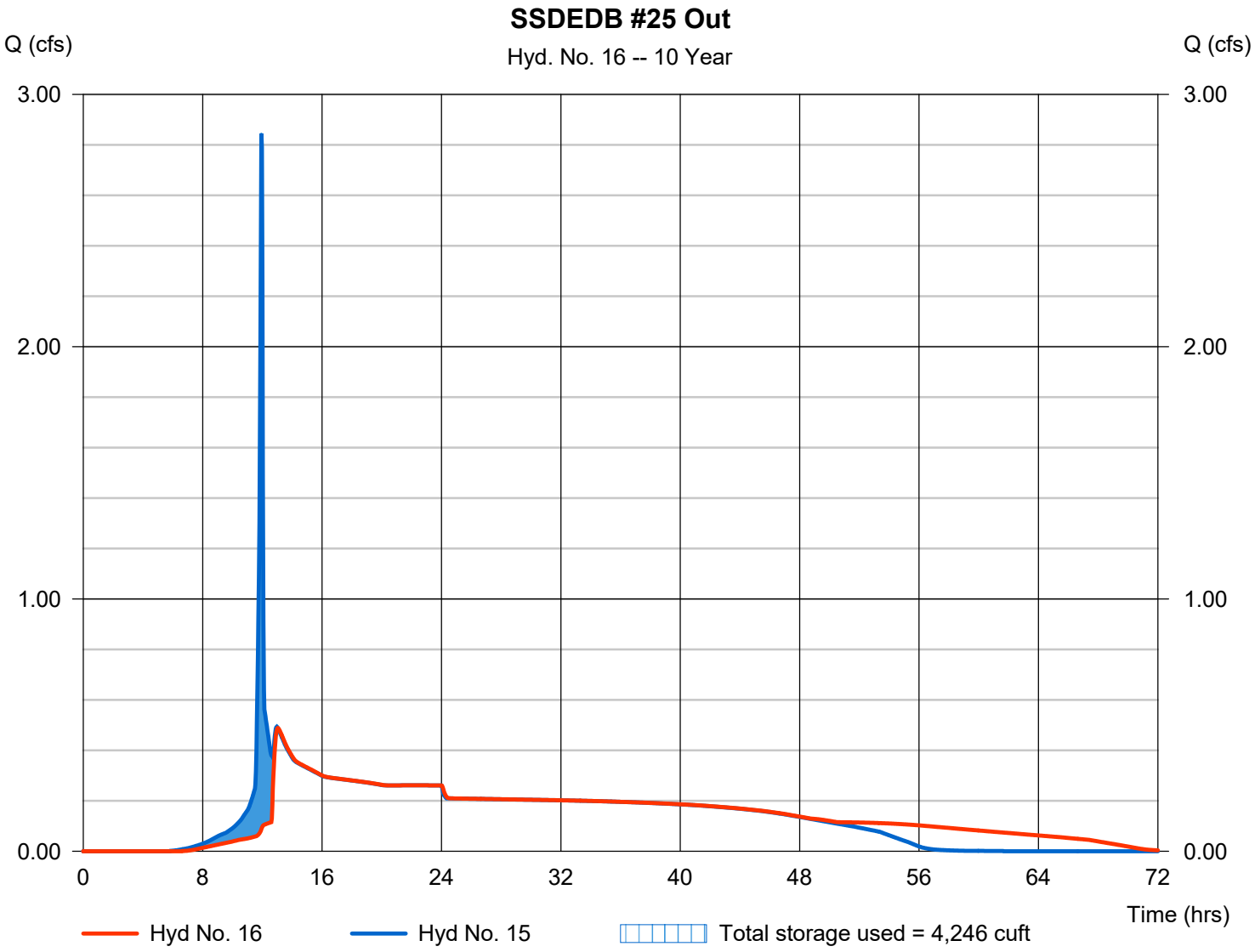
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.488 cfs
Storm frequency	= 10 yrs	Time to peak	= 13.03 hrs
Time interval	= 2 min	Hyd. volume	= 36,263 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 409.40 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,246 cuft

Storage Indication method used.



Hydrograph Report

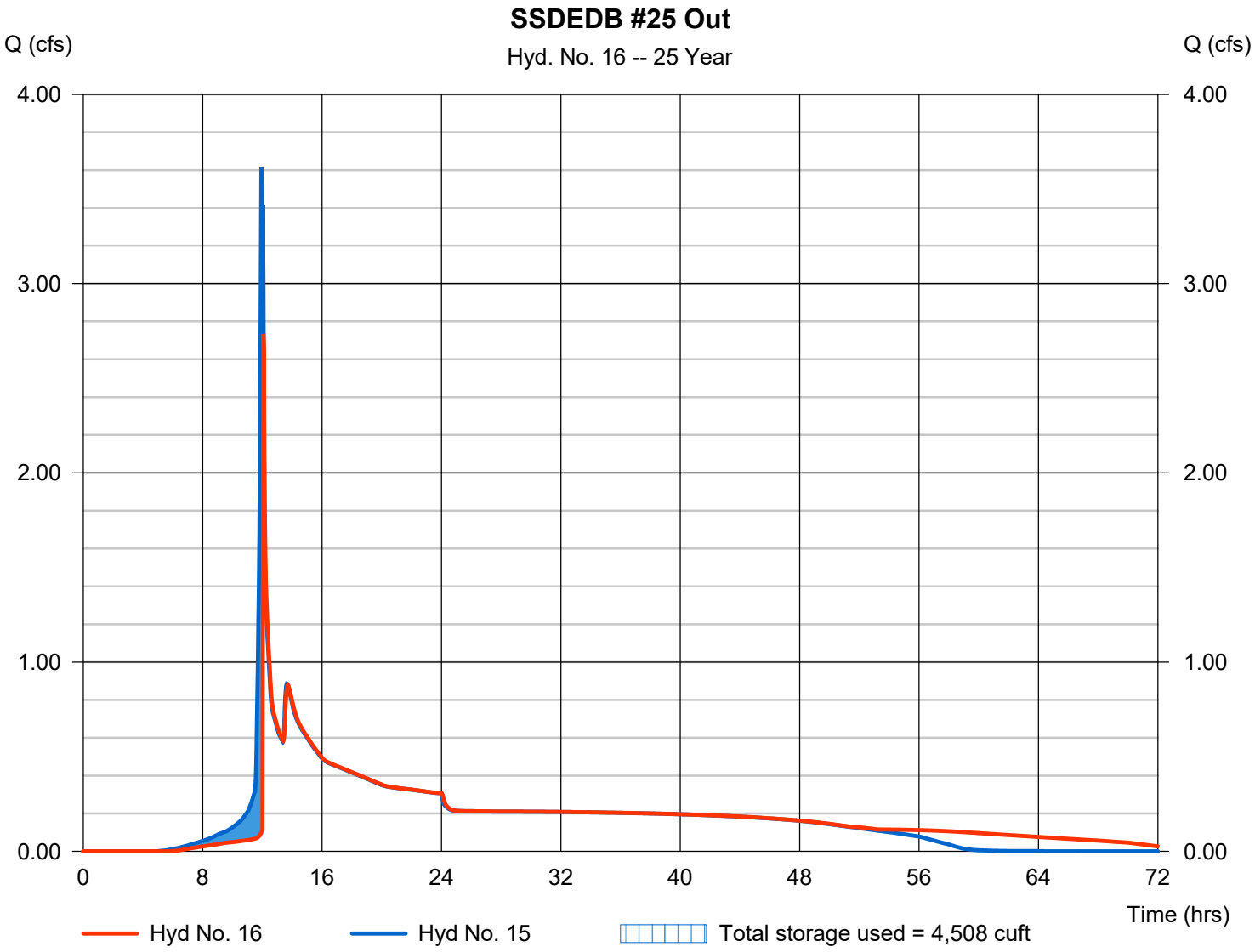
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.733 cfs
Storm frequency	= 25 yrs	Time to peak	= 12.07 hrs
Time interval	= 2 min	Hyd. volume	= 48,044 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 409.81 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,508 cuft

Storage Indication method used.



Hydrograph Report

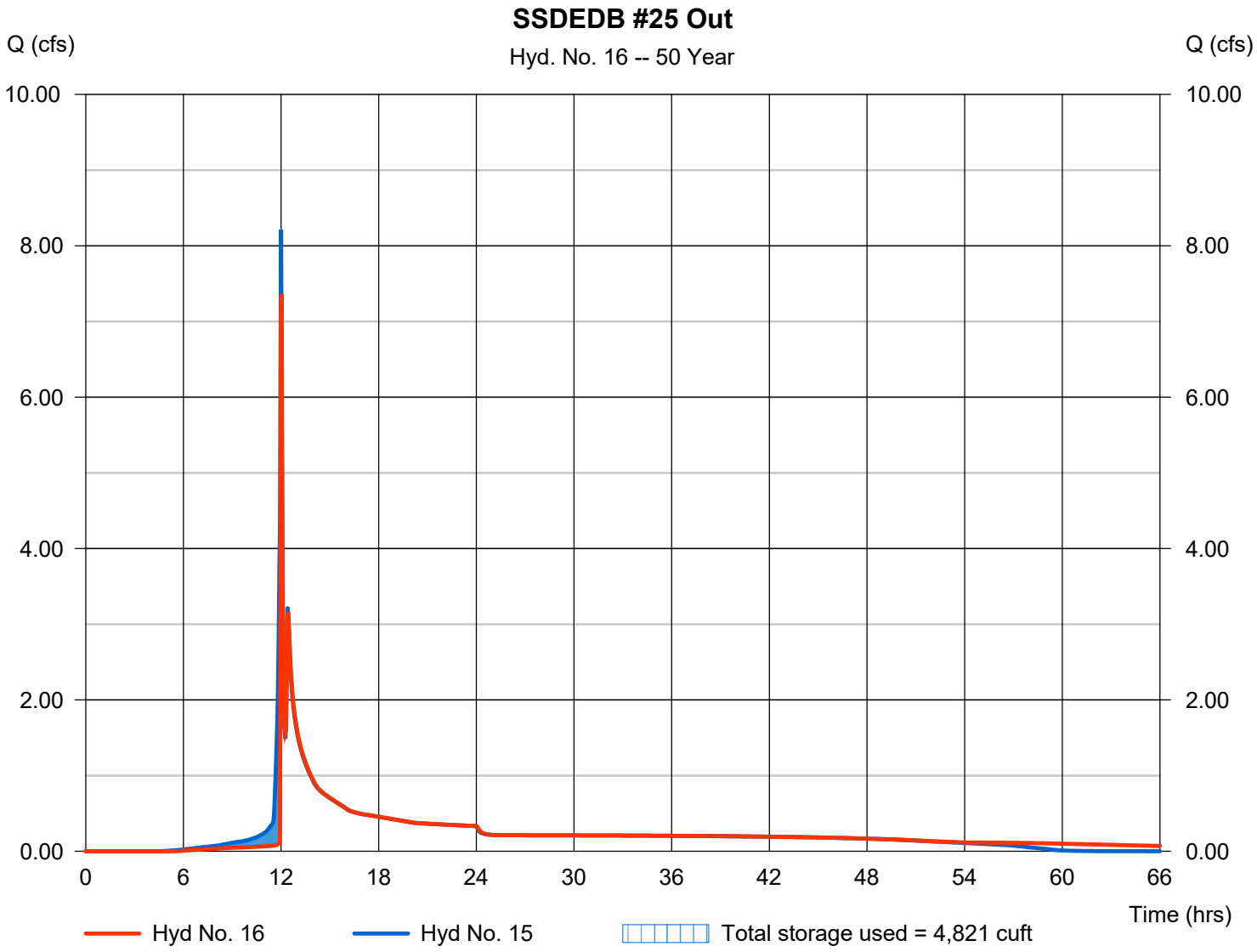
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 7.362 cfs
Storm frequency	= 50 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 58,262 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 410.39 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 4,821 cuft

Storage Indication method used.



Hydrograph Report

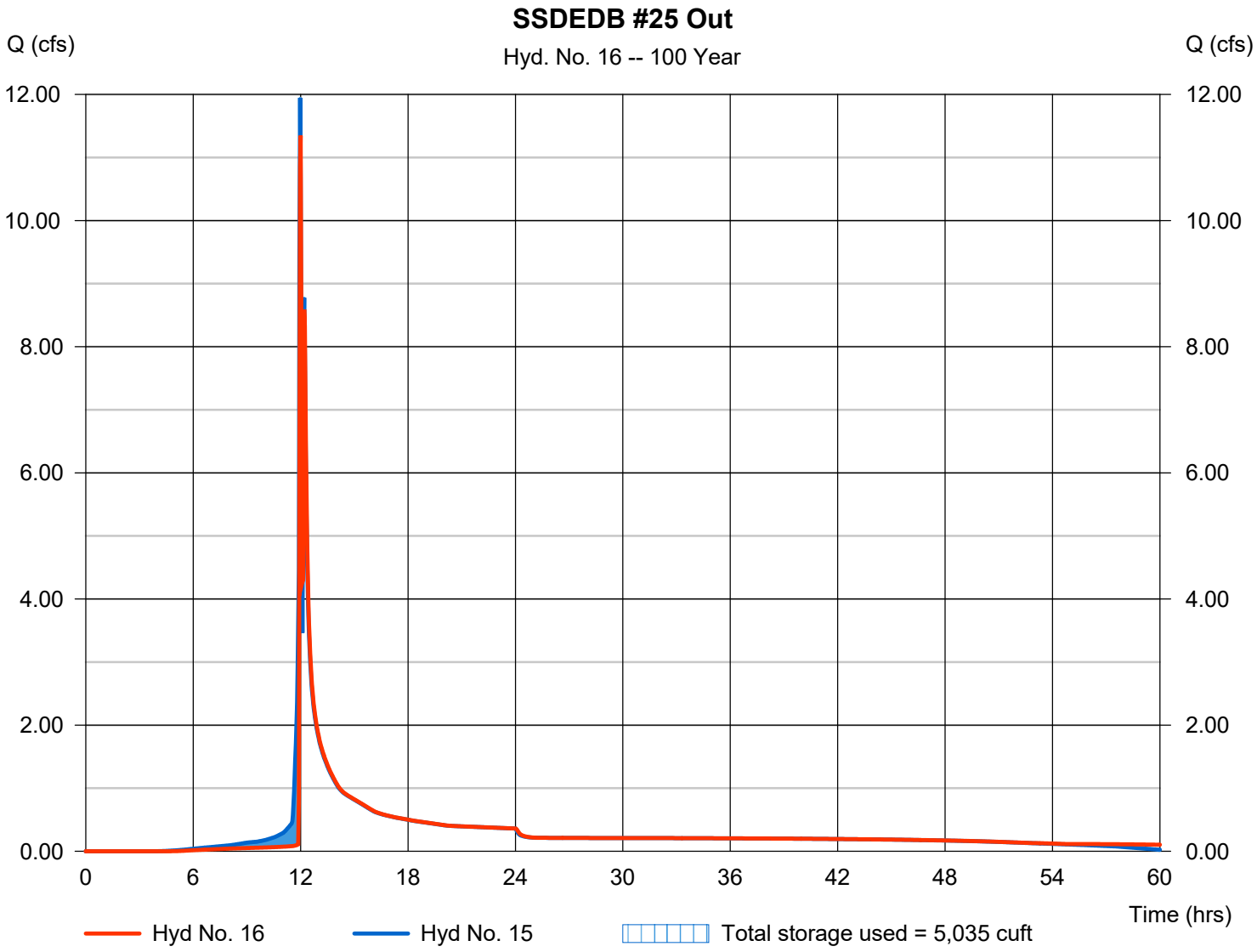
Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Wednesday, 01 / 4 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 11.35 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 69,603 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out + SSDEDB #25 In	Max. Elevation	= 410.74 ft
Reservoir name	= SSDEDB #25	Max. Storage	= 5,035 cuft

Storage Indication method used.



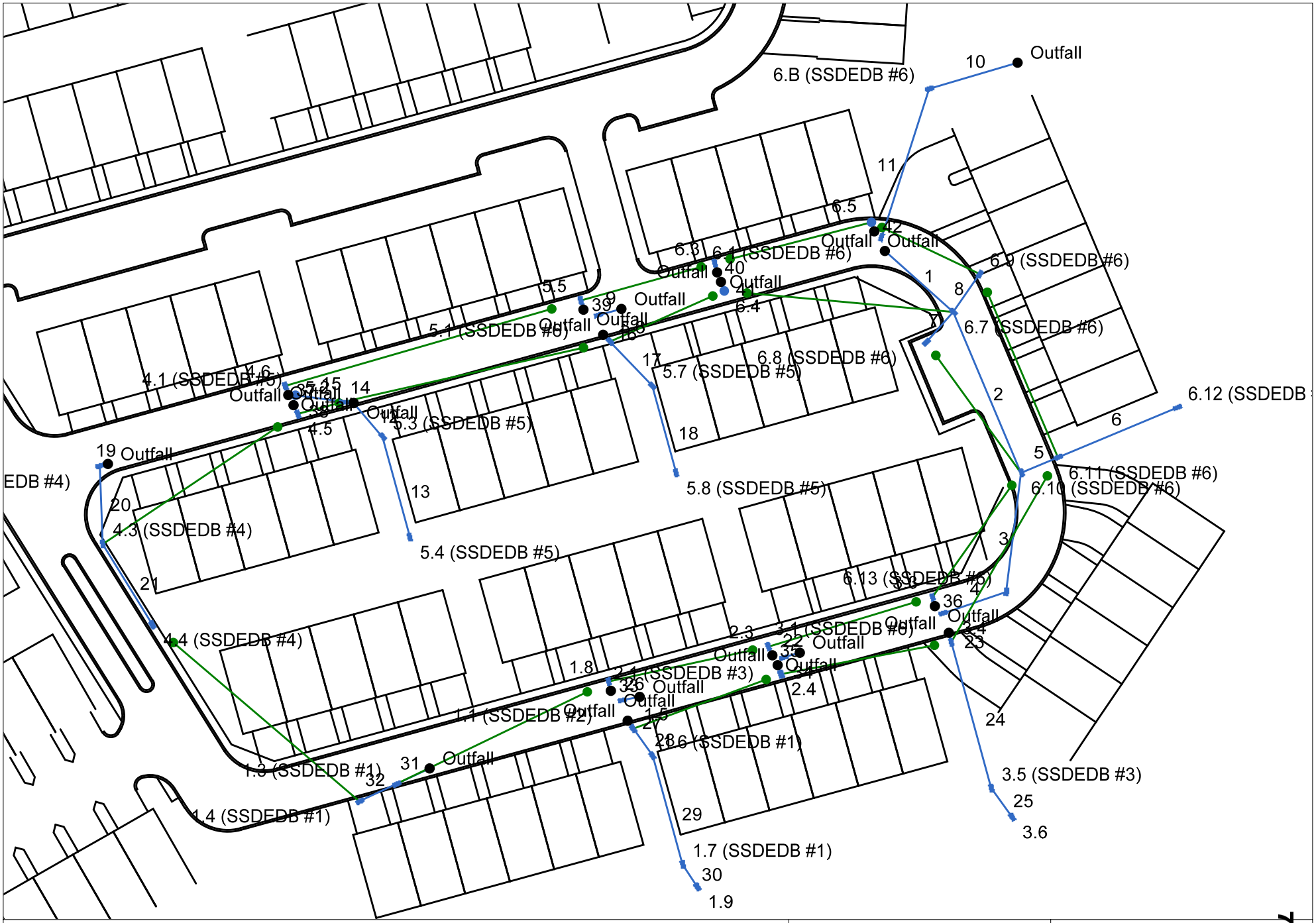
SECTION 4

Storm Sewer Calculations

The storm sewer calculations are divided up into 4 different sections. SSDEDB #1-6, #7-10, #11-17 and #21-25. For each section the following is shown:

- Schematic diagram of the section.
- Storm sewer inventory report.
- Storm sewer capacity tabulations for the 100-year storm.
- Inlet calculations showing inlet spread for the 25-year storm.

Malin Road SSDEDB 1-6



Project File: SSDEDB 1-6.stm	Number of lines: 42	Date: 1/6/2017

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Storm Sewers v10.50

Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	47.700	41.920	Grate	0.00	0.01	0.99	5.0	450.38	0.90	450.81	18	Cir	0.012	1.50	458.61	6.7-6.6 (SSDEDB #6
2	1	91.130	25.330	Grate	0.00	0.10	0.87	5.0	451.06	1.00	451.97	15	Cir	0.012	1.50	465.46	6.10-6.7 (SSDEDB #
3	2	62.640	29.860	MH	1.75	0.00	0.00	5.0	461.96	8.60	467.35	15	Cir	0.012	0.92	472.06	6.13-6.10 (SSDEDB
4	3	34.360	63.950	MH	1.75	0.00	0.00	5.0	467.55	1.02	467.90	15	Cir	0.012	1.00	474.99	3.1-6.13 (SSDEDB #
5	2	21.000	-89.870	Grate	0.00	0.12	0.74	5.0	452.17	1.00	452.38	15	Cir	0.012	0.50	465.46	6.11-6.10 (SSDEDB
6	5	67.140	-0.170	Genr	0.00	0.51	0.51	5.0	452.58	1.00	453.25	15	Cir	0.012	1.00	455.50	6.12-6.11 (SSDEDB
7	1	21.180	89.600	Grate	0.00	0.33	0.58	5.0	455.65	1.04	455.87	15	Cir	0.012	1.00	459.37	6.8-6.7 (SSDEDB #6
8	1	24.140	-97.330	Grate	0.00	0.14	0.94	5.0	454.23	1.04	454.48	15	Cir	0.012	1.00	457.98	6.9-6.7 (SSDEDB #6
9	End	12.667	164.600	MH	1.74	0.00	0.00	5.0	447.37	1.03	447.50	15	Cir	0.012	1.00	455.51	5.1-6.2 (SSDEDB #6
10	End	47.980	163.500	MH	0.00	0.00	0.00	5.0	425.55	1.00	426.03	24	Cir	0.012	0.86	448.89	6.B-6.A (SSDEDB #6
11	10	81.630	-55.850	MH	15.58	0.00	0.00	5.0	445.39	1.79	446.85	24	Cir	0.012	1.00	455.97	6.1-6.B (SSDEDB #6
12	End	23.190	49.850	Genr	0.00	0.02	0.25	5.0	455.16	1.55	455.52	15	Cir	0.012	0.71	459.25	5.3-5.2 (SSDEDB #5
13	12	54.110	24.870	Genr	0.00	0.26	0.53	5.0	455.72	10.00	461.13	15	Cir	0.012	1.00	466.50	5.4-5.3 (SSDEDB #5
14	End	5.000	-172.210	Grate	0.00	0.02	0.99	5.0	448.67	0.00	448.67	24	Cir	0.012	0.50	458.78	5.2-BED5
15	14	25.430	0.000	MH	0.16	0.00	0.00	5.0	451.44	1.02	451.70	15	Cir	0.012	1.00	459.45	4.1-5.2 (SSDEDB #5
16	End	5.000	46.200	Grate	0.00	0.16	0.94	5.0	448.67	0.00	448.67	24	Cir	0.012	0.50	455.39	5.6-BED5
17	16	31.790	0.000	Genr	0.00	0.02	0.25	5.0	451.80	3.59	452.94	15	Cir	0.012	0.80	456.00	5.7-5.6 (SSDEDB #5
18	17	47.300	28.480	Genr	0.00	0.24	0.60	5.0	453.14	10.00	457.87	15	Cir	0.012	1.00	464.00	5.8-5.7 (SSDEDB #5
19	End	4.500	165.220	MH	0.00	0.00	0.00	5.0	451.78	0.00	451.78	24	Cir	0.012	0.98	462.26	4.2-BED (SSDEDB #4
20	19	40.750	-77.330	Grate	0.00	0.02	0.84	5.0	458.79	9.30	462.58	15	Cir	0.012	0.83	466.28	4.3-4.2 (SSDEDB #4
21	20	49.620	-29.630	Grate	0.00	0.15	0.93	5.0	462.78	10.00	467.74	15	Cir	0.012	1.00	471.24	4.4-4.3 (SSDEDB #4
22	End	9.060	164.000	MH	0.06	0.00	0.00	5.0	472.81	0.99	472.90	15	Cir	0.012	1.00	480.77	2.1-3.2 (SSDEDB #3
23	End	5.000	74.750	Grate	0.00	0.10	0.92	5.0	468.82	0.00	468.82	24	Cir	0.012	0.50	475.19	3.4-BED3

Malin Road SSDEDB 1-6 | Number of lines: 42 | Date: 1/6/2017

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Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
24	23	78.980	0.000	Genr	0.00	0.16	0.57	5.0	471.30	11.02	480.00	15	Cir	0.012	0.60	483.00	3.5-3.4 (SSDEDB #3
25	24	18.761	-20.239	Genr	0.00	0.45	0.37	5.0	480.00	1.01	480.19	15	Cir	0.012	1.00	494.50	3.6-3.5
26	End	9.420	169.100	MH	0.06	0.00	0.00	5.0	475.91	0.96	476.00	15	Cir	0.012	1.00	483.67	1.1-2.2 (SSDEDB #2
27	End	5.000	54.700	Grate	0.00	0.09	0.91	5.0	479.97	0.00	479.97	15	Cir	0.012	0.50	484.11	1.5-BED1
28	27	17.310	0.000	Genr	0.00	0.03	0.25	5.0	479.97	6.24	481.05	15	Cir	0.012	0.59	484.75	1.6-1.5 (SSDEDB #1
29	28	58.915	20.000	Genr	0.00	0.02	0.25	5.0	481.25	14.09	489.55	15	Cir	0.012	0.55	493.00	1.7-1.6(SSDEDB#1)
30	29	14.143	-18.328	Genr	0.00	0.15	0.25	5.0	489.75	8.84	491.00	15	Cir	0.012	1.00	500.50	1.9-1.7
31	End	19.250	154.840	Grate	0.00	0.09	0.92	5.0	478.21	3.69	478.92	15	Cir	0.012	0.50	482.83	1.3-1.2 (SSDEDB #1
32	31	21.000	0.000	Grate	0.00	0.09	0.86	5.0	479.12	1.00	479.33	15	Cir	0.012	1.00	482.83	1.4-1.3 (SSDEDB #1
33	End	5.000	-104.840	Grate	0.00	0.06	0.92	5.0	476.92	0.00	476.92	24	Cir	0.012	1.00	483.47	1.8-BED1
34	End	5.000	69.940	Grate	0.00	0.10	0.92	5.0	473.82	0.00	473.82	24	Cir	0.012	1.00	480.56	2.4-BED2
35	End	5.000	-113.860	Grate	0.00	0.10	0.92	5.0	473.82	0.00	473.82	24	Cir	0.012	1.00	480.56	2.3-BED2
36	End	5.000	-105.610	Grate	0.00	0.11	0.92	5.0	468.82	0.00	468.82	24	Cir	0.012	1.00	474.80	3.3-BED3
37	End	5.000	-109.040	Grate	0.00	0.13	0.92	5.0	452.62	0.00	452.62	24	Cir	0.012	1.00	459.24	4.6-BED4
38	End	5.000	66.650	Grate	0.00	0.19	0.84	5.0	452.62	0.00	452.62	24	Cir	0.012	1.00	459.24	4.5-BED4
39	End	5.000	-103.730	Grate	0.00	0.16	0.55	5.0	448.67	0.00	448.67	24	Cir	0.012	1.00	455.30	5.5-BED5
40	End	5.000	-105.260	Genr	0.00	0.13	0.93	5.0	447.77	0.00	447.77	24	Cir	0.012	1.00	454.38	6.3-BED6
41	End	5.000	70.290	Genr	0.00	0.24	0.92	5.0	447.77	0.00	447.77	24	Cir	0.012	1.00	454.38	6.4-BED6
42	End	5.000	-108.850	Grate	0.00	0.10	0.92	5.0	447.77	0.00	447.77	24	Cir	0.012	1.00	455.73	6.5-BED6

Malin Road SSDEDB 1-6 | Number of lines: 42 | Date: 1/6/2017

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	47.700	0.01	1.21	0.99	0.01	0.77	5.0	6.1	7.9	9.54	10.80	6.32	18	0.90	450.38	450.81	451.58	452.00	455.94	458.61	6.7-6.6 (SSDEDB
2	1	91.130	0.10	0.73	0.87	0.09	0.44	5.0	5.8	7.9	6.96	6.99	6.39	15	1.00	451.06	451.97	452.08	453.03	458.61	465.46	6.10-6.7 (SSDED
3	2	62.640	0.00	0.00	0.00	0.00	0.00	5.0	5.4	0.0	3.50	20.52	8.50	15	8.60	461.96	467.35	462.31	468.10	465.46	472.06	6.13-6.10 (SSDE
4	3	34.360	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	1.75	7.06	3.45	15	1.02	467.55	467.90	468.10	468.42	472.06	474.99	3.1-6.13 (SSDED
5	2	21.000	0.12	0.63	0.74	0.09	0.35	5.0	5.6	8.0	2.78	7.00	3.63	15	1.00	452.17	452.38	453.03	453.05	465.46	465.46	6.11-6.10 (SSDE
6	5	67.140	0.51	0.51	0.51	0.26	0.26	5.0	5.0	8.2	2.12	6.99	4.40	15	1.00	452.58	453.25	453.05	453.83	465.46	455.50	6.12-6.11 (SSDE
7	1	21.180	0.33	0.33	0.58	0.19	0.19	5.0	5.0	8.2	1.56	7.13	4.05	15	1.04	455.65	455.87	456.05	456.36	458.61	459.37	6.8-6.7 (SSDEDB
8	1	24.140	0.14	0.14	0.94	0.13	0.13	5.0	5.0	8.2	1.07	7.12	3.63	15	1.04	454.23	454.48	454.56	454.89	458.61	457.98	6.9-6.7 (SSDEDB
9	End	12.667	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	1.74	7.09	3.59	15	1.03	447.37	447.50	447.89	448.02	455.20	455.51	5.1-6.2 (SSDEDB
10	End	47.980	0.00	0.00	0.00	0.00	0.00	5.0	5.3	0.0	15.58	24.51	5.80	24	1.00	425.55	426.03	427.43	427.45	427.31	448.89	6.B-6.A (SSDEDB
11	10	81.630	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	15.58	32.77	8.41	24	1.79	445.39	446.85	446.36	448.27	448.89	455.97	6.1-6.B (SSDEDB
12	End	23.190	0.02	0.28	0.25	0.01	0.14	5.0	6.0	7.9	1.13	8.72	2.90	15	1.55	455.16	455.52	455.63	455.94	458.66	459.25	5.3-5.2 (SSDEDB
13	12	54.110	0.26	0.26	0.53	0.14	0.14	5.0	5.0	8.2	1.12	22.12	5.50	15	10.00	455.72	461.13	455.94	461.55	459.25	466.50	5.4-5.3 (SSDEDB
14	End	5.000	0.02	0.02	0.99	0.02	0.02	5.0	8.3	7.3	0.30	0.00	0.10	24	0.00	448.67	448.67	451.64	451.64	458.66	458.78	5.2-BED5
15	14	25.430	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	0.16	7.07	1.55	15	1.02	451.44	451.70	451.64	451.85	458.78	459.45	4.1-5.2 (SSDEDB
16	End	5.000	0.16	0.42	0.94	0.15	0.30	5.0	6.4	7.8	2.33	0.00	0.74	24	0.00	448.67	448.67	452.38	452.38	455.30	455.39	5.6-BED5
17	16	31.790	0.02	0.26	0.25	0.01	0.15	5.0	5.8	7.9	1.18	13.25	2.64	15	3.59	451.80	452.94	452.38	453.37	455.39	456.00	5.7-5.6 (SSDEDB
18	17	47.300	0.24	0.24	0.60	0.14	0.14	5.0	5.0	8.2	1.17	22.12	5.43	15	10.00	453.14	457.87	453.37	458.30	456.00	464.00	5.8-5.7 (SSDEDB
19	End	4.500	0.00	0.17	0.00	0.00	0.16	5.0	6.6	7.7	1.21	0.00	2.41	24	0.00	451.78	451.78	452.20	452.23	0.00	462.26	4.2-BED (SSDED
20	19	40.750	0.02	0.17	0.84	0.02	0.16	5.0	5.9	7.9	1.24	21.33	6.34	15	9.30	458.79	462.58	458.99	463.02	462.26	466.28	4.3-4.2 (SSDEDB
21	20	49.620	0.15	0.15	0.93	0.14	0.14	5.0	5.0	8.2	1.14	22.12	5.07	15	10.00	462.78	467.74	463.02	468.16	466.28	471.24	4.4-4.3 (SSDEDB
22	End	9.060	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	0.06	6.97	1.48	15	0.99	472.81	472.90	472.90	472.99	480.30	480.77	2.1-3.2 (SSDEDB

Malin Road SSDEDB 1-6 | Number of lines: 42 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

721

Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
23	End	5.000	0.10	0.71	0.92	0.09	0.35	5.0	6.1	7.9	2.75	0.00	0.88	24	0.00	468.82	468.82	471.87	471.87	474.80	475.19	3.4-BED3
24	23	78.980	0.16	0.61	0.57	0.09	0.26	5.0	5.3	8.1	2.08	23.22	3.77	15	11.02	471.30	480.00	471.88	480.57	475.19	483.00	3.5-3.4 (SSDEDB
25	24	18.761	0.45	0.45	0.37	0.17	0.17	5.0	5.0	8.2	1.36	7.04	2.89	15	1.01	480.00	480.19	480.57	480.65	483.00	494.50	3.6-3.5
26	End	9.420	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	0.06	6.84	0.05	15	0.96	475.91	476.00	480.39	480.39	483.50	483.67	1.1-2.2 (SSDEDB
27	End	5.000	0.09	0.29	0.91	0.08	0.13	5.0	10.3	6.9	0.91	0.00	2.11	15	0.00	479.97	479.97	480.44	480.45	483.47	484.11	1.5-BED1
28	27	17.310	0.03	0.20	0.25	0.01	0.05	5.0	9.4	7.1	0.35	17.47	1.51	15	6.24	479.97	481.05	480.49	481.28	484.11	484.75	1.6-1.5 (SSDEDB
29	28	58.915	0.02	0.17	0.25	0.01	0.04	5.0	5.9	7.9	0.34	26.26	4.81	15	14.09	481.25	489.55	481.35	489.77	484.75	493.00	1.7-1.6(SSDEDB#
30	29	14.143	0.15	0.15	0.25	0.04	0.04	5.0	5.0	8.2	0.31	20.80	4.14	15	8.84	489.75	491.00	489.86	491.21	493.00	500.50	1.9-1.7
31	End	19.250	0.09	0.18	0.92	0.08	0.16	5.0	5.7	8.0	1.28	13.44	5.07	15	3.69	478.21	478.92	478.47	479.37	483.22	482.83	1.3-1.2 (SSDEDB
32	31	21.000	0.09	0.09	0.86	0.08	0.08	5.0	5.0	8.2	0.63	7.00	3.10	15	1.00	479.12	479.33	479.37	479.64	482.83	482.83	1.4-1.3 (SSDEDB
33	End	5.000	0.06	0.06	0.92	0.06	0.06	5.0	5.0	8.2	0.45	0.00	1.97	24	0.00	476.92	476.92	477.15	477.20	483.47	483.47	1.8-BED1
34	End	5.000	0.10	0.10	0.92	0.09	0.09	5.0	5.0	8.2	0.75	0.00	2.27	24	0.00	473.82	473.82	474.12	474.17	480.56	480.56	2.4-BED2
35	End	5.000	0.10	0.10	0.92	0.09	0.09	5.0	5.0	8.2	0.75	0.00	2.27	24	0.00	473.82	473.82	474.12	474.17	480.56	480.56	2.3-BED2
36	End	5.000	0.11	0.11	0.92	0.10	0.10	5.0	5.0	8.2	0.83	0.00	2.35	24	0.00	468.82	468.82	469.13	469.19	474.80	474.80	3.3-BED3
37	End	5.000	0.13	0.13	0.92	0.12	0.12	5.0	5.0	8.2	0.98	0.00	2.47	24	0.00	452.62	452.62	452.96	453.02	459.24	459.24	4.6-BED4
38	End	5.000	0.19	0.19	0.84	0.16	0.16	5.0	5.0	8.2	1.30	0.00	2.70	24	0.00	452.62	452.62	453.01	453.08	459.24	459.24	4.5-BED4
39	End	5.000	0.16	0.16	0.55	0.09	0.09	5.0	5.0	8.2	0.72	0.00	2.26	24	0.00	448.67	448.67	448.96	449.02	455.30	455.30	5.5-BED5
40	End	5.000	0.13	0.13	0.93	0.12	0.12	5.0	5.0	8.2	0.99	0.00	2.49	24	0.00	447.77	447.77	448.11	448.17	454.38	454.38	6.3-BED6
41	End	5.000	0.24	0.24	0.92	0.22	0.22	5.0	5.0	8.2	1.80	0.00	2.96	24	0.00	447.77	447.77	448.23	448.30	454.38	454.38	6.4-BED6
42	End	5.000	0.10	0.10	0.92	0.09	0.09	5.0	5.0	8.2	0.75	0.00	2.27	24	0.00	447.77	447.77	448.07	448.12	455.73	455.73	6.5-BED6

Malin Road SSDEDB 1-6 | Number of lines: 42 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

722

Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
1	6.7 (SSDEDB #6)	0.07	0.00	0.07	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.060	2.00	0.020	0.020	0.013	0.04	1.76	0.08	0.01	1.0	41
2	6.10 (SSDEDB #6	0.59	0.10	0.61	0.08	Grate	0.0	0.00	0.00	4.00	2.00	0.080	2.00	0.020	0.020	0.013	0.08	3.95	0.12	1.81	1.0	7
3	6.13 (SSDEDB #6	1.75*	0.00	0.00	1.75	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
4	3.1 (SSDEDB #6)	1.75*	0.00	0.00	1.75	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
5	6.11 (SSDEDB #6	0.60	0.08	0.61	0.08	Grate	0.0	0.00	0.00	4.00	2.00	0.080	2.00	0.020	0.020	0.013	0.08	3.95	0.12	1.76	1.0	8
6	6.12 (SSDEDB #6	1.77	0.00	1.77	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
7	6.8 (SSDEDB #6)	1.30	0.08	1.38	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.17	8.46	0.25	8.46	1.0	Off
8	6.9 (SSDEDB #6)	0.89	0.08	0.80	0.18	Grate	0.0	0.00	0.00	4.00	2.00	0.060	2.00	0.020	0.020	0.013	0.10	4.76	0.13	2.50	1.0	42
9	5.1 (SSDEDB #6)	1.74*	0.00	0.00	1.74	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
10	6.B (SSDEDB #6)	0.00	0.00	0.00	0.00	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
11	6.1 (SSDEDB #6)	15.58*	0.00	0.00	15.58	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
12	5.3 (SSDEDB #5)	0.03	0.00	0.03	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
13	5.4 (SSDEDB #5)	0.94	0.00	0.94	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
14	5.2	0.13	0.24	0.35	0.03	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.08	3.95	0.11	1.51	1.0	16
15	4.1 (SSDEDB #5)	0.16*	0.00	0.00	0.16	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
16	5.6	1.02	0.03	0.82	0.23	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.12	5.76	0.15	3.30	1.0	41
17	5.7 (SSDEDB #5)	0.03	0.00	0.03	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
18	5.8 (SSDEDB #5)	0.98	0.00	0.98	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
19	4.2 (SSDEDB #4)	0.00	0.00	0.00	0.00	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
20	4.3 (SSDEDB #4)	0.11	0.16	0.28	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.70	0.09	0.41	1.0	38
21	4.4 (SSDEDB #4)	0.95	0.07	0.86	0.16	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.09	4.41	0.13	2.20	1.0	20
22	2.1 (SSDEDB #3)	0.06*	0.00	0.00	0.06	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
23	3.4	0.63	0.10	0.64	0.08	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.08	3.85	0.12	1.76	1.0	5

Malin Road SSDEDB 1-6 | Number of lines: 42 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

723

Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
24	3.5 (SSDEDB #3)	0.62	0.00	0.62	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
25	3.6	1.13	0.00	1.13	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
26	1.1 (SSDEDB #2)	0.06*	0.00	0.00	0.06	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
27	1.5	0.56	0.00	0.48	0.08	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.10	5.16	0.13	2.45	1.0	34
28	1.6 (SSDEDB #1)	0.05	0.00	0.05	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
29	1.7 (SSDEDB #1)	0.03	0.00	0.03	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
30	1.9	0.25	0.00	0.25	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
31	1.3 (SSDEDB #1)	0.56	0.00	0.48	0.08	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.10	5.16	0.13	2.50	1.0	33
32	1.4 (SSDEDB #1)	0.53	0.00	0.45	0.07	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.10	5.01	0.13	2.40	1.0	21
33	1.8	0.38	0.08	0.40	0.05	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.10	4.76	0.13	2.15	1.0	35
34	2.4	0.63	0.08	0.60	0.10	Grate	0.0	0.00	0.00	4.00	2.00	0.050	2.00	0.020	0.020	0.013	0.09	4.36	0.13	2.10	1.0	23
35	2.3	0.63	0.05	0.59	0.09	Grate	0.0	0.00	0.00	4.00	2.00	0.050	2.00	0.020	0.020	0.013	0.09	4.31	0.12	2.05	1.0	36
36	3.3	0.69	0.09	0.68	0.10	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.08	3.95	0.12	1.86	1.0	2
37	4.6	0.81	0.00	0.67	0.15	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.11	5.26	0.14	2.75	1.0	39
38	4.5	1.08	0.00	0.84	0.24	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.12	5.86	0.15	3.35	1.0	14
39	5.5	0.60	0.15	0.62	0.13	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.10	5.06	0.14	2.65	1.0	40
40	6.3	0.82	0.26	1.09	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
41	6.4	1.50	0.23	1.74	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
42	6.5	0.63	0.18	0.67	0.13	Grate	0.0	0.00	0.00	4.00	2.00	0.035	2.00	0.020	0.020	0.013	0.10	4.91	0.13	2.50	1.0	40

Malin Road SSDEDB 1-6 | Number of lines: 42 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

724

MALIN ROAD SSDEDB 7-10

Project File: SSDEDB 7-10.stm	Number of lines: 20	Date: 1/6/2017

725

Storm Sewers v10.50

Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	69.570	147.780	MH	1.49	0.00	0.00	5.0	414.25	1.01	414.95	15	Cir	0.013	1.00	423.65	10.1-10.A (SSDEDB
2	End	14.960	-118.020	Grate	0.00	0.16	0.94	5.0	418.09	1.00	418.24	15	Cir	0.013	1.50	422.15	10.5-10.4 (SSDEDB
3	2	21.000	102.660	Grate	0.00	0.05	0.84	5.0	418.44	1.00	418.65	15	Cir	0.013	1.00	422.15	10.6-10.5 (SSDEDB
4	End	5.000	97.770	Grate	0.00	0.04	0.62	5.0	415.87	0.00	415.87	24	Cir	0.013	0.50	432.48	10.3 (SSDEDB #10)
5	4	48.120	0.000	MH	1.26	0.00	0.00	5.0	428.62	1.00	429.10	15	Cir	0.013	1.00	436.49	9.1-10.3 (SSDEDB #
6	End	5.000	-7.000	Grate	0.00	0.22	0.62	5.0	415.87	0.00	415.87	24	Cir	0.013	1.00	431.79	10.2-BED10
7	End	56.690	163.330	MH	2.70	0.00	0.00	5.0	436.43	1.01	437.00	15	Cir	0.013	1.00	444.94	8.1-9.2 (SSDEDB #9
8	End	20.680	126.130	Grate	0.00	0.20	0.69	5.0	433.03	4.69	434.00	15	Cir	0.013	1.00	437.50	9.3-9.4 (SSDEDB #9
9	End	8.270	-105.830	Grate	0.00	0.07	0.88	5.0	432.17	1.09	432.26	15	Cir	0.013	1.00	435.76	9.5-9.6 (SSDEDB #9
10	End	57.830	165.300	MH	2.38	0.00	0.00	5.0	443.37	1.00	443.95	15	Cir	0.013	1.00	451.67	7.1-8.2 (SSDEDB #8
11	End	5.000	144.020	Grate	0.00	0.02	0.62	5.0	437.92	0.00	437.92	24	Cir	0.013	0.50	444.91	8.4 -BED8
12	11	25.680	0.000	Grate	0.00	0.05	0.99	5.0	441.24	7.13	443.07	15	Cir	0.013	1.43	446.00	8.5-8.4 (SSDEDB #8
13	12	16.460	-69.880	Genr	0.00	0.10	0.62	5.0	443.27	1.64	443.54	15	Cir	0.013	1.00	447.04	8.6-8.5 (SSDEDB #8
14	End	5.000	-110.080	Grate	0.00	0.17	0.90	5.0	437.92	0.00	437.92	24	Cir	0.013	1.00	444.74	8.3-BED8
15	End	54.510	168.130	Grate	0.00	0.11	0.92	5.0	446.26	1.01	446.81	15	Cir	0.013	1.50	451.46	7.3-7.2 (SSDEDB #7
16	15	30.000	-93.580	Grate	0.00	0.12	0.56	5.0	447.01	1.00	447.31	15	Cir	0.013	1.50	451.28	7.4-7.3 (SSDEDB #7
17	16	42.160	49.730	Grate	0.00	0.05	0.69	5.0	447.51	9.70	451.60	15	Cir	0.013	1.00	455.10	7.6-7.5 (SSDEDB #7
18	16	95.230	-89.930	Grate	0.00	0.01	0.99	5.0	447.51	1.01	448.47	15	Cir	0.013	1.00	451.97	7.5-7.4 (SSDEDB #7
19	End	29.080	74.550	Genr	0.00	0.11	0.52	5.0	446.46	1.00	446.75	15	Cir	0.013	1.00	450.25	7.8-7.7 (SSDEDB #7
20	End	5.000	-108.680	Grate	0.00	0.06	0.87	5.0	444.87	0.00	444.87	24	Cir	0.013	1.00	451.47	7.9-BED7

MALIN ROAD SSDEDB 7-10 | Number of lines: 20 | Date: 1/6/2017

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	69.570	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	1.49	6.48	3.42	15	1.01	414.25	414.95	414.73	415.43	416.01	423.65	10.1-10.A (SSDE
2	End	14.960	0.16	0.21	0.94	0.15	0.19	5.0	6.3	7.8	1.50	6.47	3.19	15	1.00	418.09	418.24	418.63	418.73	423.53	422.15	10.5-10.4 (SSDE
3	2	21.000	0.05	0.05	0.84	0.04	0.04	5.0	5.0	8.2	0.34	6.46	1.49	15	1.00	418.44	418.65	418.95	418.88	422.15	422.15	10.6-10.5 (SSDE
4	End	5.000	0.04	0.04	0.62	0.02	0.02	5.0	5.8	7.9	1.46	0.00	0.46	24	0.00	415.87	415.87	429.04	429.04	431.79	432.48	10.3 (SSDEDB #1
5	4	48.120	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	1.26	6.45	3.35	15	1.00	428.62	429.10	429.04	429.54	432.48	436.49	9.1-10.3 (SSDED
6	End	5.000	0.22	0.22	0.62	0.14	0.14	5.0	5.0	8.2	1.11	0.00	2.35	24	0.00	415.87	415.87	416.27	416.31	431.79	431.79	10.2-BED10
7	End	56.690	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	2.70	6.48	4.11	15	1.01	436.43	437.00	437.09	437.66	440.97	444.94	8.1-9.2 (SSDEDB
8	End	20.680	0.20	0.20	0.69	0.14	0.14	5.0	5.0	8.2	1.13	13.99	2.94	15	4.69	433.03	434.00	433.49	434.42	436.53	437.50	9.3-9.4 (SSDEDB
9	End	8.270	0.07	0.07	0.88	0.06	0.06	5.0	5.0	8.2	0.50	6.74	2.36	15	1.09	432.17	432.26	432.47	432.54	436.26	435.76	9.5-9.6 (SSDEDB
10	End	57.830	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	2.38	6.47	3.93	15	1.00	443.37	443.95	443.99	444.57	449.62	451.67	7.1-8.2 (SSDEDB
11	End	5.000	0.02	0.17	0.62	0.01	0.12	5.0	6.2	7.8	0.97	0.00	2.27	24	0.00	437.92	437.92	438.29	438.32	444.74	444.91	8.4 -BED8
12	11	25.680	0.05	0.15	0.99	0.05	0.11	5.0	5.7	8.0	0.89	17.24	5.16	15	7.13	441.24	443.07	441.43	443.44	444.91	446.00	8.5-8.4 (SSDEDB
13	12	16.460	0.10	0.10	0.62	0.06	0.06	5.0	5.0	8.2	0.51	8.27	2.22	15	1.64	443.27	443.54	443.60	443.82	446.00	447.04	8.6-8.5 (SSDEDB
14	End	5.000	0.17	0.17	0.90	0.15	0.15	5.0	5.0	8.2	1.25	0.00	2.46	24	0.00	437.92	437.92	438.34	438.37	444.74	444.74	8.3-BED8
15	End	54.510	0.11	0.29	0.92	0.10	0.21	5.0	29.8	4.5	0.95	6.49	2.72	15	1.01	446.26	446.81	446.70	447.19	452.23	451.46	7.3-7.2 (SSDEDB
16	15	30.000	0.12	0.18	0.56	0.07	0.11	5.0	29.1	4.5	0.50	6.46	2.14	15	1.00	447.01	447.31	447.36	447.59	451.46	451.28	7.4-7.3 (SSDEDB
17	16	42.160	0.05	0.05	0.69	0.03	0.03	5.0	5.0	8.2	0.28	20.11	2.25	15	9.70	447.51	451.60	447.70	451.81	451.28	455.10	7.6-7.5 (SSDEDB
18	16	95.230	0.01	0.01	0.99	0.01	0.01	5.0	5.0	8.2	0.08	6.48	1.11	15	1.01	447.51	448.47	447.70	448.58	451.28	451.97	7.5-7.4 (SSDEDB
19	End	29.080	0.11	0.11	0.52	0.06	0.06	5.0	5.0	8.2	0.47	6.45	2.31	15	1.00	446.46	446.75	446.75	447.02	451.53	450.25	7.8-7.7 (SSDEDB
20	End	5.000	0.06	0.06	0.87	0.05	0.05	5.0	5.0	8.2	0.43	0.00	1.74	24	0.00	444.87	444.87	445.12	445.15	451.47	451.47	7.9-BED7

MALIN ROAD SSDEDB 7-10 | Number of lines: 20 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

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Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
1	10.1 (SSDEDB #1	1.49*	0.00	0.00	1.49	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.013	0.00	0.00	0.00	0.00	0.0	Off
2	10.5 (SSDEDB #1	1.02	0.00	0.86	0.16	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.09	4.41	0.13	2.25	1.0	Off
3	10.6 (SSDEDB #1	0.29	0.13	0.40	0.02	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.06	3.15	0.10	0.96	1.0	Off
4	10.3	0.17	0.06	0.23	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.55	0.08	0.01	1.0	2
5	9.1 (SSDEDB #10	1.26*	0.00	0.00	1.26	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.013	0.00	0.00	0.00	0.00	0.0	Off
6	10.2	0.93	0.00	0.80	0.13	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.09	4.26	0.12	2.05	1.0	3
7	8.1 (SSDEDB #9)	2.70*	0.00	0.00	2.70	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.013	0.00	0.00	0.00	0.00	0.0	Off
8	9.3 (SSDEDB #9)	0.94	0.00	0.94	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.013	0.14	6.75	0.22	6.75	1.0	Off
9	9.5 (SSDEDB #9)	0.42	0.18	0.54	0.06	Grate	0.0	0.00	0.00	4.00	2.00	0.070	2.00	0.020	0.020	0.013	0.08	3.85	0.12	1.66	1.0	4
10	7.1 (SSDEDB #8)	2.38*	0.00	0.00	2.38	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.013	0.00	0.00	0.00	0.00	0.0	Off
11	8.4	0.08	0.00	0.08	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.070	2.00	0.020	0.020	0.013	0.04	1.86	0.08	0.01	1.0	8
12	8.5 (SSDEDB #8)	0.34	0.00	0.34	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.013	0.08	3.90	0.16	3.90	1.0	Off
13	8.6 (SSDEDB #8)	0.42	0.00	0.42	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
14	8.3	1.04	0.02	0.88	0.18	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.09	4.46	0.13	2.30	1.0	9
15	7.3 (SSDEDB #7)	0.69	0.00	0.58	0.11	Grate	0.0	0.00	0.00	4.00	2.00	0.022	2.00	0.020	0.020	0.013	0.10	5.06	0.13	2.55	1.0	Off
16	7.4 (SSDEDB #7)	0.46	0.00	0.46	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.013	0.09	4.56	0.17	4.56	1.0	Off
17	7.6 (SSDEDB #7)	0.23	0.00	0.23	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.090	2.00	0.020	0.020	0.013	0.05	2.60	0.08	0.01	1.0	16
18	7.5 (SSDEDB #7)	0.07	0.00	0.07	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.013	0.04	1.98	0.12	1.98	1.0	Off
19	7.8 (SSDEDB #7)	0.39	0.00	0.39	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.013	0.30	15.00	0.30	15.00	0.0	Off
20	7.9	0.35	0.00	0.33	0.02	Grate	0.0	0.00	0.00	4.00	2.00	0.027	2.00	0.020	0.020	0.013	0.08	3.80	0.11	1.41	1.0	14

MALIN ROAD SSDEDB 7-10 | Number of lines: 20 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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MALIN ROAD SSDEDB #11-19

Project File: SSDEDB 11-19.stm	Number of lines: 79	Date: 1/6/2017

Storm Sewers v10.50

Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	5.000	90.000	Grate	0.00	0.31	0.94	0.0	393.07	0.00	393.07	24	Cir	0.013	0.50	399.94	17.3 -BED17
2	1	10.390	0.000	Genr	0.00	0.03	0.25	5.0	396.17	10.88	397.30	15	Cir	0.013	0.50	400.50	17.4-17.3
3	2	72.000	-15.290	Genr	0.00	0.32	0.55	5.0	397.50	4.33	400.62	15	Cir	0.013	2.25	407.00	17.5-17.4
4	3	67.820	-90.080	Genr	0.00	0.26	0.51	5.0	400.82	1.00	401.50	15	Cir	0.013	1.00	405.00	17.6-17.5
5	3	184.010	90.090	Genr	0.00	0.33	0.54	5.0	400.82	3.09	406.50	15	Cir	0.013	1.00	410.00	17.7-17.5
6	End	5.000	-109.830	Grate	0.00	0.22	0.92	5.0	393.07	0.00	393.07	24	Cir	0.013	1.00	399.67	17.2-BED17
7	End	84.440	171.760	MH	0.95	0.00	0.00	5.0	392.15	1.01	393.00	15	Cir	0.013	1.00	402.32	16.1-17.3 (SSDEDB
8	End	21.990	147.370	Genr	0.00	0.06	0.87	5.0	384.00	1.00	384.22	36	Cir	0.013	1.32	391.20	17B-17A (SSDEDB #1
9	8	21.000	-37.910	Genr	0.00	0.11	0.86	5.0	384.42	0.52	384.53	36	Cir	0.013	1.45	391.13	17C-17B (SSDEDB #1
10	9	75.840	73.040	Genr	0.00	0.08	0.62	5.0	385.63	0.50	386.01	24	Cir	0.013	1.50	394.57	17D-17C (SSDEDB #1
11	10	39.530	-107.910	Genr	0.00	0.02	0.99	5.0	386.21	8.20	389.45	24	Cir	0.013	1.31	395.73	17E-17D (SSDEDB #1
12	11	47.660	14.210	Genr	0.00	0.03	0.99	5.0	389.65	1.01	390.13	24	Cir	0.013	1.46	397.93	17H-17E (SSDEDB #1
13	12	74.190	14.850	MH	0.00	0.00	0.00	0.0	390.33	1.01	391.08	24	Cir	0.013	0.90	402.26	17J-17H (SSDEDB #1
14	13	56.340	60.960	MH	10.98	0.00	0.00	0.0	391.58	1.01	392.15	18	Cir	0.013	1.00	401.17	17.1-17J (SSDEDB #
15	13	44.320	-29.360	MH	5.02	0.00	0.00	0.0	398.17	1.42	398.80	15	Cir	0.013	1.00	405.89	14.1-17J (SSDEDB #
16	12	21.130	-74.600	Genr	0.00	0.05	0.84	5.0	394.22	0.99	394.43	15	Cir	0.013	1.00	397.93	17I-17H (SSDEDB #1
17	11	30.020	57.720	Genr	0.00	0.01	0.25	5.0	392.23	2.20	392.89	15	Cir	0.013	0.83	396.59	17F-17E (SSDEDB #1
18	17	17.500	-29.930	Genr	0.00	0.14	0.83	5.0	393.09	5.54	394.06	15	Cir	0.013	1.00	397.56	17G-17F (SSDEDB #1
19	8	59.340	58.440	Grate	0.00	0.03	0.99	5.0	384.42	0.88	384.94	18	Cir	0.013	0.89	394.81	17K-17B (SSDEDB #1
20	19	43.030	-32.770	MH	14.48	0.00	0.00	5.0	385.14	0.84	385.50	18	Cir	0.013	1.00	395.40	19.1-17.K (SSDEDB
21	End	22.140	-6.560	Grate	0.00	0.12	0.93	5.0	389.77	1.04	390.00	15	Cir	0.013	1.00	393.50	19.15-19.14 (SSDED
22	End	11.740	102.260	Grate	0.00	0.07	0.88	5.0	390.65	2.64	390.96	15	Cir	0.013	1.00	394.46	19.13-19.12 (SSDED
23	End	5.000	74.610	Grate	0.00	0.10	0.92	5.0	386.42	0.00	386.42	24	Cir	0.013	0.50	394.15	19.9-BED19

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Date: 1/6/2017

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Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
24	23	84.810	0.000	Genr	0.00	0.11	0.52	5.0	386.44	1.00	387.29	15	Cir	0.013	1.50	391.75	19.10-19.9 (SSDEDB
25	24	50.530	90.010	Genr	0.00	0.34	0.55	5.0	387.49	1.01	388.00	15	Cir	0.013	1.00	391.00	19.11-19.10 (SSDED
26	End	5.000	113.490	Grate	0.00	0.04	0.81	5.0	385.00	0.00	385.00	24	Cir	0.013	0.50	399.26	18.8-BED18
27	26	47.680	0.000	Grate	0.00	0.07	0.99	5.0	395.76	8.77	399.94	15	Cir	0.013	1.00	403.44	18.9-18.8 (SSDEDB
28	End	75.760	74.510	Genr	0.00	0.22	0.59	5.0	390.74	1.00	391.50	15	Cir	0.013	1.00	395.00	18.6-18.3 (SSDEDB
29	End	5.000	-15.350	Grate	0.00	0.21	0.92	5.0	387.92	0.00	387.92	24	Cir	0.013	0.50	394.76	18.3 -BED18
30	29	47.420	0.000	Grate	0.00	0.08	0.90	5.0	388.65	1.01	389.13	15	Cir	0.013	1.43	393.26	18.4-18.3 (SSDEDB
31	30	22.240	-70.780	Grate	0.00	0.13	0.93	5.0	389.33	1.03	389.56	15	Cir	0.013	1.00	393.06	18.5-18.4 (SSDEDB
32	End	5.000	178.790	Grate	0.00	0.08	0.62	5.0	391.00	0.00	391.00	24	Cir	0.013	0.50	404.16	16.2-BED16
33	32	42.930	0.000	MH	4.01	0.00	0.00	5.0	397.07	1.00	397.50	15	Cir	0.013	1.00	405.81	15.1-16.2 (SSDEDB
34	End	27.660	-72.670	Grate	0.00	0.19	0.87	5.0	396.43	1.01	396.71	15	Cir	0.013	1.00	400.21	16.5-16.4 (SSDEDB
35	End	62.250	161.520	Grate	0.00	0.04	0.99	5.0	405.63	3.71	407.94	15	Cir	0.013	1.37	411.86	15.3-15.2 (SSDEDB
36	35	42.460	-63.400	Grate	0.00	0.07	0.99	5.0	408.14	12.95	413.64	15	Cir	0.013	1.00	417.14	15.5-15.3 (SSDEDB
37	35	21.380	0.000	Grate	0.00	0.02	0.99	5.0	408.14	1.03	408.36	15	Cir	0.013	1.00	411.68	15.4-15.3 (SSDEDB
38	End	5.000	-176.130	Grate	0.00	0.04	0.99	5.0	412.72	0.00	412.72	24	Cir	0.013	0.50	420.94	13.2-BED13
39	38	33.870	0.000	MH	3.32	0.00	0.00	5.0	413.46	1.00	413.80	15	Cir	0.013	1.00	421.52	12.1-13.2 (SSDEDB
40	End	5.000	-88.400	Grate	0.00	0.16	0.90	5.0	412.72	0.00	412.72	24	Cir	0.013	0.50	419.45	13.4-BED13
41	40	9.990	0.000	Grate	0.00	0.13	0.93	5.0	415.52	1.00	415.62	15	Cir	0.013	0.50	419.32	13.5-13.4 (SSDEDB
42	41	75.740	0.000	Genr	0.00	0.06	0.62	5.0	415.82	11.46	424.50	15	Cir	0.013	1.00	428.00	13.6-13.5 (SSDEDB
43	End	25.270	164.600	MH	2.14	0.00	0.00	5.0	415.84	1.03	416.10	15	Cir	0.013	1.00	424.02	11.1-12.2 (SSDEDB
44	End	39.910	49.970	Genr	0.00	0.03	0.25	5.0	427.75	4.01	429.35	15	Cir	0.013	1.00	441.00	12.6-12.5 (SSDEDB
45	End	51.310	74.730	Genr	0.00	0.27	0.63	5.0	419.50	10.00	424.63	15	Cir	0.013	1.00	431.50	12.5-12.4 (SSDEDB
46	End	5.000	143.130	Grate	0.00	0.07	0.88	5.0	414.72	0.00	414.72	24	Cir	0.013	0.50	421.32	12.3-BED12

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Date: 1/6/2017

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Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
47	46	49.660	0.000	Genr	0.00	0.13	0.93	5.0	417.82	2.98	419.30	15	Cir	0.013	1.00	423.00	12.4-12.3 (SSDEDB
48	End	12.900	149.420	Grate	0.00	0.04	0.81	5.0	425.34	1.01	425.47	15	Cir	0.013	1.29	428.97	11.3-11.2 (SSDEDB
49	48	47.760	-56.420	Grate	0.00	0.02	0.99	5.0	425.47	9.90	430.20	15	Cir	0.013	0.94	435.99	11.5-11.3 (SSDEDB
50	49	40.110	-34.980	Grate	0.00	0.09	0.99	5.0	432.49	9.20	436.18	15	Cir	0.013	1.06	439.88	11.6-11.5 (SSDEDB
51	50	39.330	-41.450	Genr	0.00	0.03	0.25	5.0	436.38	6.46	438.92	15	Cir	0.013	1.00	442.25	11.7-11.6 (SSDEDB
52	48	21.000	0.000	Grate	0.00	0.02	0.99	5.0	424.70	2.10	425.14	15	Cir	0.013	1.00	428.79	11.4-11.3 (SSDEDB
53	End	5.000	69.630	Grate	0.00	0.18	0.62	5.0	417.02	0.00	417.02	24	Cir	0.013	1.00	423.81	11.9-BED11
54	End	5.000	-113.050	Grate	0.00	0.12	0.93	5.0	417.02	0.00	417.02	24	Cir	0.013	1.00	423.81	11.8-BED11
55	End	5.000	-88.400	Grate	0.00	0.16	0.90	5.0	414.72	0.00	414.72	24	Cir	0.013	1.00	421.32	12.7-BED12
56	End	5.000	-109.900	Grate	0.00	0.04	0.99	5.0	412.72	0.00	412.72	24	Cir	0.013	1.00	419.45	13.3-BED13
57	End	5.000	93.030	Grate	0.00	0.09	0.91	5.0	399.72	0.00	399.72	24	Cir	0.013	0.50	415.21	14.5-BED14
58	57	33.120	0.000	MH	0.00	0.03	0.99	5.0	409.88	1.00	410.21	15	Cir	0.013	0.73	417.61	14.6-14.5 (SSDEDB
59	58	44.630	43.400	Grate	0.00	0.08	0.90	5.0	410.41	1.01	410.86	15	Cir	0.013	0.98	418.47	14.7-14.6 (SSDEDB
60	59	73.720	36.890	MH	5.89	0.00	0.00	5.0	411.06	1.00	411.80	15	Cir	0.013	1.00	419.65	13.1-14.7 (SSDEDB
61	59	21.000	0.000	Grate	0.00	0.09	0.91	5.0	414.76	1.00	414.97	15	Cir	0.013	1.00	418.47	14.8-14.7 (SSDEDB
62	End	5.000	161.680	Grate	0.00	0.03	0.99	5.0	399.72	0.00	399.72	24	Cir	0.013	1.00	414.57	14.4-BED14
63	End	5.000	-30.780	Grate	0.00	0.03	0.99	5.0	399.72	0.00	399.72	24	Cir	0.013	1.00	406.63	14.2-BED14
64	End	5.000	156.670	Grate	0.00	0.03	0.99	5.0	399.72	0.00	399.72	24	Cir	0.013	1.00	405.72	14.3-BED14
65	End	5.000	49.900	Grate	0.00	0.12	0.87	5.0	393.92	0.00	393.92	24	Cir	0.013	1.00	400.98	16.3-BED16
66	End	5.000	75.600	Grate	0.00	0.22	0.62	5.0	398.87	0.00	398.87	24	Cir	0.013	1.00	405.60	15.7-BED15
67	End	5.000	-101.450	Grate	0.00	0.17	0.90	5.0	398.87	0.00	398.87	24	Cir	0.013	1.00	405.60	15.6-BED15
68	End	5.000	-112.020	Grate	0.00	0.08	0.81	5.0	386.42	0.00	386.42	24	Cir	0.013	1.00	394.16	19.2-BED19
69	End	6.880	-104.730	Grate	0.00	0.07	0.57	5.0	387.92	0.00	387.92	24	Cir	0.013	1.00	399.22	18.7-BED18

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Date: 1/6/2017

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Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
70	End	9.830	-110.850	Grate	0.00	0.20	0.88	5.0	387.92	0.00	387.92	24	Cir	0.013	1.00	395.00	18.2-BED18
71	End	22.140	-6.560	Genr	0.00	0.17	0.73	5.0	389.77	1.04	390.00	15	Cir	0.013	1.00	393.50	19.15-19.14 (SSDED
72	End	11.740	102.270	Genr	0.00	0.07	0.88	5.0	390.65	2.64	390.96	15	Cir	0.013	1.00	394.46	19.13-19.12 (SSDED
73	End	5.000	162.260	Grate	0.00	0.11	0.92	5.0	386.42	0.00	386.42	24	Cir	0.013	0.50	393.19	19.4-BED19
74	73	115.430	0.000	MH	0.00	0.00	0.00	5.0	386.62	0.50	387.20	24	Cir	0.013	1.00	392.30	19.5-19.4 (SSDEDB
75	74	119.920	-0.480	MH	6.24	0.00	0.00	5.0	387.40	0.50	388.00	15	Cir	0.013	1.00	395.21	18.1-19.5 (SSDEDB
76	74	24.720	0.000	Grate	0.00	0.12	0.99	5.0	387.40	9.99	389.87	15	Cir	0.013	1.00	391.81	19.6-19.5 (SSDEDB
77	74	36.500	-87.750	Grate	0.00	0.29	0.79	5.0	387.40	2.05	388.15	15	Cir	0.013	0.50	391.85	19.7-19.5 (SSDEDB
78	77	64.500	0.200	Genr	0.00	0.23	0.51	5.0	388.35	1.78	389.50	15	Cir	0.013	1.00	393.00	19.8-19.7 (SSDEDB
79	End	5.000	62.320	Grate	0.00	0.13	0.93	5.0	387.92	0.00	387.92	6	Cir	0.013	1.00	0.00	19.3-BED19

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Date: 1/6/2017

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	5.000	0.31	1.25	0.94	0.29	0.79	0.0	8.0	7.4	5.79	0.00	1.84	24	0.00	393.07	393.07	397.14	397.14	399.67	399.94	17.3 -BED17
2	1	10.390	0.03	0.94	0.25	0.01	0.49	5.0	8.0	7.4	3.65	21.30	4.03	15	10.88	396.17	397.30	397.17	398.07	399.94	400.50	17.4-17.3
3	2	72.000	0.32	0.91	0.55	0.18	0.49	5.0	7.6	7.5	3.64	13.44	3.96	15	4.33	397.50	400.62	398.54	401.39	400.50	407.00	17.5-17.4
4	3	67.820	0.26	0.26	0.51	0.13	0.13	5.0	5.0	8.2	1.08	6.47	2.05	15	1.00	400.82	401.50	401.86	401.91	407.00	405.00	17.6-17.5
5	3	184.010	0.33	0.33	0.54	0.18	0.18	5.0	5.0	8.2	1.45	11.35	2.36	15	3.09	400.82	406.50	401.86	406.98	407.00	410.00	17.7-17.5
6	End	5.000	0.22	0.22	0.92	0.20	0.20	5.0	5.0	8.2	1.65	0.00	2.87	24	0.00	393.07	393.07	393.51	393.59	399.67	399.67	17.2-BED17
7	End	84.440	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	0.95	6.48	3.00	15	1.01	392.15	393.00	392.53	393.38	399.67	402.32	16.1-17.3 (SSDE
8	End	21.990	0.06	0.53	0.87	0.05	0.44	5.0	6.9	7.6	33.82	66.71	7.05	36	1.00	384.00	384.22	385.97	386.11	387.51	391.20	17B-17A (SSDED
9	8	21.000	0.11	0.44	0.86	0.09	0.35	5.0	6.7	7.7	18.72	48.27	4.28	36	0.52	384.42	384.53	387.27	385.91	391.20	391.13	17C-17B (SSDED
10	9	75.840	0.08	0.33	0.62	0.05	0.26	5.0	6.5	7.7	18.01	16.01	5.73	24	0.50	385.63	386.01	387.63	388.11	391.13	394.57	17D-17C (SSDED
11	10	39.530	0.02	0.25	0.99	0.02	0.21	5.0	6.4	7.8	17.63	64.75	6.27	24	8.20	386.21	389.45	388.34	390.96	394.57	395.73	17E-17D (SSDED
12	11	47.660	0.03	0.08	0.99	0.03	0.07	5.0	6.3	7.8	16.56	22.70	5.27	24	1.01	389.65	390.13	392.14	392.40	395.73	397.93	17H-17E (SSDED
13	12	74.190	0.00	0.00	0.00	0.00	0.00	0.0	0.2	0.0	16.00	22.74	5.09	24	1.01	390.33	391.08	393.03	393.40	397.93	402.26	17J-17H (SSDED
14	13	56.340	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	10.98	10.56	6.21	18	1.01	391.58	392.15	393.76	394.38	402.26	401.17	17.1-17J (SSDED
15	13	44.320	0.00	0.00	0.00	0.00	0.00	0.0	0.0	0.0	5.02	7.70	5.97	15	1.42	398.17	398.80	398.91	399.71	402.26	405.89	14.1-17J (SSDED
16	12	21.130	0.05	0.05	0.84	0.04	0.04	5.0	5.0	8.2	0.34	6.44	2.52	15	0.99	394.22	394.43	394.42	394.66	397.93	397.93	17I-17H (SSDED
17	11	30.020	0.01	0.15	0.25	0.00	0.12	5.0	5.4	8.0	0.96	9.57	3.99	15	2.20	392.23	392.89	392.50	393.27	395.73	396.59	17F-17E (SSDED
18	17	17.500	0.14	0.14	0.83	0.12	0.12	5.0	5.0	8.2	0.95	15.20	3.15	15	5.54	393.09	394.06	393.44	394.44	396.59	397.56	17G-17F (SSDED
19	8	59.340	0.03	0.03	0.99	0.03	0.03	5.0	5.1	8.1	14.72	9.83	8.33	18	0.88	384.42	384.94	387.27	388.44	391.20	394.81	17K-17B (SSDED
20	19	43.030	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	14.48	9.60	8.19	18	0.84	385.14	385.50	388.50	389.32	394.81	395.40	19.1-17.K (SSDE
21	End	22.140	0.12	0.12	0.93	0.11	0.11	5.0	5.0	8.2	0.91	6.58	2.97	15	1.04	389.77	390.00	390.14	390.37	394.16	393.50	19.15-19.14 (SSD
22	End	11.740	0.07	0.07	0.88	0.06	0.06	5.0	5.0	8.2	0.50	10.49	2.47	15	2.64	390.65	390.96	390.93	391.24	394.15	394.46	19.13-19.12 (SSD

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
23	End	5.000	0.10	0.55	0.92	0.09	0.34	5.0	6.6	7.7	2.60	0.00	3.29	24	0.00	386.42	386.42	386.98	387.06	394.15	394.15	19.9-BED19
24	23	84.810	0.11	0.45	0.52	0.06	0.24	5.0	5.7	8.0	1.94	6.46	3.33	15	1.00	386.44	387.29	387.10	387.84	394.15	391.75	19.10-19.9 (SSDE
25	24	50.530	0.34	0.34	0.55	0.19	0.19	5.0	5.0	8.2	1.53	6.49	2.94	15	1.01	387.49	388.00	388.12	388.49	391.75	391.00	19.11-19.10 (SSD
26	End	5.000	0.04	0.11	0.81	0.03	0.10	5.0	6.7	7.7	0.78	0.00	2.30	24	0.00	385.00	385.00	385.30	385.36	399.26	399.26	18.8-BED18
27	26	47.680	0.07	0.07	0.99	0.07	0.07	5.0	5.0	8.2	0.57	19.12	4.75	15	8.77	395.76	399.94	395.91	400.23	399.26	403.44	18.9-18.8 (SSDE
28	End	75.760	0.22	0.22	0.59	0.13	0.13	5.0	5.0	8.2	1.06	6.47	3.10	15	1.00	390.74	391.50	391.14	391.90	395.00	395.00	18.6-18.3 (SSDE
29	End	5.000	0.21	0.42	0.92	0.19	0.39	5.0	6.1	7.9	3.03	0.00	3.44	24	0.00	387.92	387.92	388.53	388.61	395.00	394.76	18.3 -BED18
30	29	47.420	0.08	0.21	0.90	0.07	0.19	5.0	5.5	8.0	1.55	6.50	3.89	15	1.01	388.65	389.13	389.07	389.62	394.76	393.26	18.4-18.3 (SSDE
31	30	22.240	0.13	0.13	0.93	0.12	0.12	5.0	5.0	8.2	0.99	6.57	2.51	15	1.03	389.33	389.56	389.86	389.95	393.26	393.06	18.5-18.4 (SSDE
32	End	5.000	0.08	0.08	0.62	0.05	0.05	5.0	5.2	8.1	4.41	0.00	3.88	24	0.00	391.00	391.00	391.74	391.83	404.16	404.16	16.2-BED16
33	32	42.930	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	4.01	6.46	5.16	15	1.00	397.07	397.50	397.78	398.31	404.16	405.81	15.1-16.2 (SSDE
34	End	27.660	0.19	0.19	0.87	0.17	0.17	5.0	5.0	8.2	1.35	6.50	3.30	15	1.01	396.43	396.71	396.89	397.17	400.98	400.21	16.5-16.4 (SSDE
35	End	62.250	0.04	0.13	0.99	0.04	0.13	5.0	7.7	7.4	0.96	12.44	3.02	15	3.71	405.63	407.94	406.01	408.32	409.72	411.86	15.3-15.2 (SSDE
36	35	42.460	0.07	0.07	0.99	0.07	0.07	5.0	5.0	8.2	0.57	23.24	2.28	15	12.95	408.14	413.64	408.49	413.93	411.86	417.14	15.5-15.3 (SSDE
37	35	21.380	0.02	0.02	0.99	0.02	0.02	5.0	5.0	8.2	0.16	6.55	1.21	15	1.03	408.14	408.36	408.49	408.51	411.86	411.68	15.4-15.3 (SSDE
38	End	5.000	0.04	0.04	0.99	0.04	0.04	5.0	5.2	8.1	3.64	0.00	3.65	24	0.00	412.72	412.72	413.39	413.47	420.89	420.94	13.2-BED13
39	38	33.870	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	3.32	6.47	4.87	15	1.00	413.46	413.80	414.09	414.53	420.94	421.52	12.1-13.2 (SSDE
40	End	5.000	0.16	0.35	0.90	0.14	0.30	5.0	10.3	6.9	2.08	0.00	3.08	24	0.00	412.72	412.72	413.22	413.30	419.32	419.45	13.4-BED13
41	40	9.990	0.13	0.19	0.93	0.12	0.16	5.0	10.1	6.9	1.09	6.46	3.51	15	1.00	415.52	415.62	415.87	416.03	419.45	419.32	13.5-13.4 (SSDE
42	41	75.740	0.06	0.06	0.62	0.04	0.04	5.0	5.0	8.2	0.30	21.86	1.55	15	11.46	415.82	424.50	416.22	424.71	419.32	428.00	13.6-13.5 (SSDE
43	End	25.270	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	2.14	6.55	3.83	15	1.03	415.84	416.10	416.42	416.68	423.21	424.02	11.1-12.2 (SSDE
44	End	39.910	0.03	0.03	0.25	0.01	0.01	5.0	5.0	8.2	0.06	12.93	1.50	15	4.01	427.75	429.35	427.84	429.44	431.50	441.00	12.6-12.5 (SSDE

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

735

Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
45	End	51.310	0.27	0.27	0.63	0.17	0.17	5.0	5.0	8.2	1.39	20.42	3.31	15	10.00	419.50	424.63	419.97	425.10	423.00	431.50	12.5-12.4 (SSDE
46	End	5.000	0.07	0.20	0.88	0.06	0.18	5.0	6.0	7.9	1.44	0.00	2.75	24	0.00	414.72	414.72	415.13	415.20	421.32	421.32	12.3-BED12
47	46	49.660	0.13	0.13	0.93	0.12	0.12	5.0	5.0	8.2	0.99	11.15	4.31	15	2.98	417.82	419.30	418.07	419.69	421.32	423.00	12.4-12.3 (SSDE
48	End	12.900	0.04	0.20	0.81	0.03	0.17	5.0	20.2	5.4	0.90	6.48	2.96	15	1.01	425.34	425.47	425.71	425.84	428.20	428.97	11.3-11.2 (SSDE
49	48	47.760	0.02	0.14	0.99	0.02	0.12	5.0	19.2	5.5	0.64	20.32	1.97	15	9.90	425.47	430.20	426.01	430.51	428.97	435.99	11.5-11.3 (SSDE
50	49	40.110	0.09	0.12	0.99	0.09	0.10	5.0	18.1	5.6	0.54	19.59	4.76	15	9.20	432.49	436.18	432.63	436.47	435.99	439.88	11.6-11.5 (SSDE
51	50	39.330	0.03	0.03	0.25	0.01	0.01	5.0	5.0	8.2	0.06	16.41	0.95	15	6.46	436.38	438.92	436.59	439.01	439.88	442.25	11.7-11.6 (SSDE
52	48	21.000	0.02	0.02	0.99	0.02	0.02	5.0	5.0	8.2	0.16	9.35	0.15	15	2.10	424.70	425.14	426.01	426.01	428.97	428.79	11.4-11.3 (SSDE
53	End	5.000	0.18	0.18	0.62	0.11	0.11	5.0	5.0	8.2	0.91	0.00	2.40	24	0.00	417.02	417.02	417.35	417.41	423.81	423.81	11.9-BED11
54	End	5.000	0.12	0.12	0.93	0.11	0.11	5.0	5.0	8.2	0.91	0.00	2.40	24	0.00	417.02	417.02	417.35	417.41	423.81	423.81	11.8-BED11
55	End	5.000	0.16	0.16	0.90	0.14	0.14	5.0	5.0	8.2	1.17	0.00	2.60	24	0.00	414.72	414.72	415.09	415.16	421.32	421.32	12.7-BED12
56	End	5.000	0.04	0.04	0.99	0.04	0.04	5.0	5.0	8.2	0.32	0.00	1.77	24	0.00	412.72	412.72	412.91	412.96	419.45	419.45	13.3-BED13
57	End	5.000	0.09	0.29	0.91	0.08	0.27	5.0	5.9	7.9	7.99	0.00	4.72	24	0.00	399.72	399.72	400.73	400.84	414.57	415.21	14.5-BED14
58	57	33.120	0.03	0.20	0.99	0.03	0.18	5.0	5.8	7.9	7.35	6.45	5.99	15	1.00	409.88	410.21	411.13	411.56	415.21	417.61	14.6-14.5 (SSDE
59	58	44.630	0.08	0.17	0.90	0.07	0.15	5.0	5.6	8.0	7.12	6.48	5.80	15	1.01	410.41	410.86	412.28	412.83	417.61	418.47	14.7-14.6 (SSDE
60	59	73.720	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	5.89	6.47	4.80	15	1.00	411.06	411.80	412.85	413.46	418.47	419.65	13.1-14.7 (SSDE
61	59	21.000	0.09	0.09	0.91	0.08	0.08	5.0	5.0	8.2	0.67	6.46	3.05	15	1.00	414.76	414.97	415.03	415.29	418.47	418.47	14.8-14.7 (SSDE
62	End	5.000	0.03	0.03	0.99	0.03	0.03	5.0	5.0	8.2	0.24	0.00	1.61	24	0.00	399.72	399.72	399.89	399.93	414.57	414.57	14.4-BED14
63	End	5.000	0.03	0.03	0.99	0.03	0.03	5.0	5.0	8.2	0.24	0.00	1.61	24	0.00	399.72	399.72	399.89	399.93	406.63	406.63	14.2-BED14
64	End	5.000	0.03	0.03	0.99	0.03	0.03	5.0	5.0	8.2	0.24	0.00	1.61	24	0.00	399.72	399.72	399.89	399.93	405.72	405.72	14.3-BED14
65	End	5.000	0.12	0.12	0.87	0.10	0.10	5.0	5.0	8.2	0.85	0.00	2.35	24	0.00	393.92	393.92	394.24	394.30	400.98	400.98	16.3-BED16
66	End	5.000	0.22	0.22	0.62	0.14	0.14	5.0	5.0	8.2	1.11	0.00	2.56	24	0.00	398.87	398.87	399.23	399.30	405.60	405.60	15.7-BED15

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
67	End	5.000	0.17	0.17	0.90	0.15	0.15	5.0	5.0	8.2	1.25	0.00	2.63	24	0.00	398.87	398.87	399.26	399.32	405.60	405.60	15.6-BED15
68	End	5.000	0.08	0.08	0.81	0.06	0.06	5.0	5.0	8.2	0.53	0.00	2.04	24	0.00	386.42	386.42	386.67	386.72	394.16	394.16	19.2-BED19
69	End	6.880	0.07	0.07	0.57	0.04	0.04	5.0	5.0	8.2	0.33	0.00	1.73	24	0.00	387.92	387.92	388.11	388.17	399.22	399.22	18.7-BED18
70	End	9.830	0.20	0.20	0.88	0.18	0.18	5.0	5.0	8.2	1.44	0.00	2.66	24	0.00	387.92	387.92	388.33	388.43	395.00	395.00	18.2-BED18
71	End	22.140	0.17	0.17	0.73	0.12	0.12	5.0	5.0	8.2	1.01	6.58	3.02	15	1.04	389.77	390.00	390.17	390.40	394.16	393.50	19.15-19.14 (SSD
72	End	11.740	0.07	0.07	0.88	0.06	0.06	5.0	5.0	8.2	0.50	10.49	2.47	15	2.64	390.65	390.96	390.93	391.24	394.15	394.46	19.13-19.12 (SSD
73	End	5.000	0.11	0.75	0.92	0.10	0.57	5.0	7.3	7.6	10.52	0.00	4.19	24	0.00	386.42	386.42	387.90	387.92	393.19	393.19	19.4-BED19
74	73	115.430	0.00	0.64	0.00	0.00	0.47	5.0	6.6	7.7	9.82	16.03	4.73	24	0.50	386.62	387.20	388.06	388.33	393.19	392.30	19.5-19.4 (SSDE
75	74	119.920	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	6.24	4.57	5.09	15	0.50	387.40	388.00	388.94	390.06	392.30	395.21	18.1-19.5 (SSDE
76	74	24.720	0.12	0.12	0.99	0.12	0.12	5.0	5.0	8.2	0.97	20.41	1.90	15	9.99	387.40	389.87	388.94	390.26	392.30	391.81	19.6-19.5 (SSDE
77	74	36.500	0.29	0.52	0.79	0.23	0.35	5.0	6.4	7.8	2.69	9.26	2.75	15	2.05	387.40	388.15	388.94	388.94	392.30	391.85	19.7-19.5 (SSDE
78	77	64.500	0.23	0.23	0.51	0.12	0.12	5.0	5.0	8.2	0.96	8.62	2.26	15	1.78	388.35	389.50	388.99	389.88	391.85	393.00	19.8-19.7 (SSDE
79	End	5.000	0.13	0.13	0.93	0.12	0.12	5.0	5.0	8.2	0.99	0.00	5.08	6	0.00	387.92	387.92	388.39	388.55	393.19	0.00	19.3-BED19

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

737

Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
1	17.3	0.00	0.14	0.14	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.05	2.59	0.14	2.59	1.0	Off
2	17.4 (SSDEDB #1	0.05	0.00	0.05	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
3	17.5 (SSDEDB #1	1.20	0.00	1.20	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
4	17.6 (SSDEDB #1	0.90	0.00	0.90	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
5	17.7 (SSDEDB #1	1.21	0.00	1.21	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
6	17.2	1.38	0.00	1.38	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.17	8.43	0.25	8.43	1.0	Off
7	16.1 (SSDEDB #1	0.95*	0.00	0.00	0.95	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
8	17.B (SSDEDB #1	0.35	0.02	0.38	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
9	17.C (SSDEDB #1	0.64	0.04	0.68	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
10	17.D (SSDEDB #1	0.34	0.00	0.34	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
11	17.E (SSDEDB #1	0.13	0.00	0.13	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
12	17.H (SSDEDB #1	0.20	0.00	0.20	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
13	17.J (SSDEDB #1	0.00	0.00	0.00	0.00	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
14	17.1 (SSDEDB #1	10.98*	0.00	0.00	10.98	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
15	14.1 (SSDEDB #1	5.02*	0.00	0.00	5.02	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
16	17.I (SSDEDB #1	0.29	0.00	0.29	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
17	17.F (SSDEDB #1	0.02	0.00	0.02	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
18	17.G (SSDEDB #1	0.79	0.00	0.79	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
19	17.K (SSDEDB #1	0.20	0.13	0.31	0.02	Grate	0.0	0.00	0.00	4.00	2.00	0.028	2.00	0.020	0.020	0.013	0.07	3.65	0.11	1.36	1.0	8
20	19.1 (SSDEDB #1	14.48*	0.00	0.00	14.48	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
21	19.15 (SSDEDB #	0.76	0.00	0.63	0.13	Grate	0.0	0.00	0.00	4.00	2.00	0.028	2.00	0.020	0.020	0.013	0.10	5.01	0.13	2.55	1.0	19
22	19.13 (SSDEDB #	0.42	0.00	0.38	0.04	Grate	0.0	0.00	0.00	4.00	2.00	0.028	2.00	0.020	0.020	0.013	0.08	4.00	0.12	1.66	1.0	9
23	19.9	0.63	0.00	0.53	0.09	Grate	0.0	0.00	0.00	4.00	2.00	0.010	2.00	0.020	0.020	0.013	0.11	5.66	0.14	2.80	1.0	79

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
24	19.10 (SSDEDB #	0.39	0.00	0.39	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
25	19.11 (SSDEDB #	1.27	0.00	1.27	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
26	18.8	0.22	0.32	0.48	0.06	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.08	4.11	0.12	1.81	1.0	69
27	18.9 (SSDEDB #1	0.47	0.00	0.47	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.09	4.63	0.18	4.63	1.0	Off
28	18.6 (SSDEDB #1	0.88	0.00	0.88	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
29	18.3	1.31	0.00	1.00	0.32	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.12	5.76	0.15	3.35	1.0	26
30	18.4 (SSDEDB #1	0.49	0.00	0.44	0.05	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.08	3.95	0.12	1.71	1.0	77
31	18.5 (SSDEDB #1	0.82	0.28	0.80	0.30	Grate	0.0	0.00	0.00	1.94	2.00	0.040	2.00	0.020	0.020	0.013	0.11	5.36	0.15	3.30	1.0	76
32	16.2	0.34	0.18	0.46	0.05	Grate	0.0	0.00	0.00	4.00	2.00	0.036	2.00	0.020	0.020	0.013	0.08	4.16	0.12	1.81	1.0	65
33	15.1 (SSDEDB #1	4.01*	0.00	0.00	4.01	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
34	16.5 (SSDEDB #1	1.12	0.22	1.35	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.17	8.32	0.25	8.32	1.0	Off
35	15.3 (SSDEDB #1	0.27	0.00	0.26	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.036	2.00	0.020	0.020	0.013	0.07	3.25	0.10	0.91	1.0	66
36	15.5 (SSDEDB #1	0.47	0.00	0.47	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.09	4.63	0.18	4.63	1.0	Off
37	15.4 (SSDEDB #1	0.13	0.00	0.13	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.036	2.00	0.020	0.020	0.013	0.05	2.50	0.08	0.01	1.0	67
38	13.2	0.27	0.07	0.31	0.03	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.08	4.16	0.12	1.66	1.0	40
39	12.1 (SSDEDB #1	3.32*	0.00	0.00	3.32	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
40	13.4	0.98	0.03	0.79	0.22	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.13	6.26	0.15	3.55	1.0	41
41	13.5	0.82	0.22	0.80	0.24	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.13	6.31	0.16	3.65	1.0	59
42	13.6 (SSDEDB #1	0.25	0.00	0.25	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
43	11.1 (SSDEDB #1	2.14*	0.00	0.00	2.14	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
44	12.6 (SSDEDB #1	0.05	0.00	0.05	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
45	12.5 (SSDEDB #1	1.16	0.00	1.16	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
46	12.3	0.42	0.11	0.46	0.07	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.10	5.06	0.13	2.35	1.0	38

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
47	12.4 (SSDEDB #1	0.82	0.00	0.82	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
48	11.3 (SSDEDB #1	0.22	0.00	0.22	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.070	2.00	0.020	0.020	0.013	0.05	2.65	0.09	0.31	1.0	53
49	11.5 (SSDEDB #1	0.13	0.06	0.19	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.06	2.99	0.14	2.99	1.0	Off
50	11.6 (SSDEDB #1	0.61	0.00	0.55	0.06	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.07	3.60	0.11	1.51	1.0	49
51	11.7 (SSDEDB #1	0.05	0.00	0.05	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
52	11.4 (SSDEDB #1	0.13	0.00	0.13	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.070	2.00	0.020	0.020	0.013	0.04	2.20	0.08	0.01	1.0	54
53	11.9	0.76	0.00	0.65	0.11	Grate	0.0	0.00	0.00	4.00	2.00	0.047	2.00	0.020	0.020	0.013	0.09	4.56	0.13	2.20	1.0	46
54	11.8	0.76	0.00	0.65	0.11	Grate	0.0	0.00	0.00	4.00	2.00	0.047	2.00	0.020	0.020	0.013	0.09	4.56	0.13	2.20	1.0	55
55	12.7	0.98	0.11	0.84	0.25	Grate	0.0	0.00	0.00	4.00	2.00	0.013	2.00	0.020	0.020	0.013	0.13	6.61	0.16	3.80	1.0	56
56	13.3	0.27	0.25	0.45	0.07	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.10	4.86	0.13	2.30	1.0	61
57	14.5	0.56	0.00	0.51	0.04	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.07	3.50	0.11	1.36	1.0	63
58	14.6 (SSDEDB #1	0.20	0.16	0.00	0.36	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
59	14.7 (SSDEDB #1	0.49	0.34	0.67	0.16	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.12	5.81	0.15	3.10	1.0	58
60	13.1 (SSDEDB #1	5.89*	0.00	0.00	5.89	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
61	14.8 (SSDEDB #1	0.56	0.07	0.53	0.10	Grate	0.0	0.00	0.00	4.00	2.00	0.015	2.00	0.020	0.020	0.013	0.10	5.21	0.14	2.65	1.0	59
62	14.4	0.20	0.00	0.20	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.40	0.08	0.01	1.0	64
63	14.2	0.20	0.04	0.24	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.60	0.08	0.01	1.0	14
64	14.3	0.20	0.00	0.20	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.40	0.08	0.01	1.0	18
65	16.3	0.71	0.05	0.63	0.14	Grate	0.0	0.00	0.00	4.00	2.00	0.026	2.00	0.020	0.020	0.013	0.10	5.06	0.14	2.70	1.0	1
66	15.7	0.93	0.01	0.75	0.18	Grate	0.0	0.00	0.00	4.00	2.00	0.036	2.00	0.020	0.020	0.013	0.10	5.16	0.14	2.80	1.0	32
67	15.6	1.04	0.00	0.82	0.22	Grate	0.0	0.00	0.00	4.00	2.00	0.036	2.00	0.020	0.020	0.013	0.11	5.36	0.14	3.00	1.0	34
68	19.2	0.44	0.00	0.39	0.05	Grate	0.0	0.00	0.00	4.00	2.00	0.010	2.00	0.020	0.020	0.013	0.10	4.96	0.13	2.20	1.0	73
69	18.7	0.27	0.06	0.32	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.07	3.45	0.10	1.06	1.0	70

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
70	18.2	1.20	0.01	0.93	0.28	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.11	5.56	0.15	3.25	1.0	31
71	19.15 (SSDEDB #	0.84	0.00	0.84	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
72	19.13 (SSDEDB #	0.42	0.00	0.42	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
73	19.4	0.69	0.05	0.61	0.13	Grate	0.0	0.00	0.00	4.00	2.00	0.010	2.00	0.020	0.020	0.013	0.12	6.01	0.15	3.10	1.0	76
74	19.5 (SSDEDB #1	0.00	0.00	0.00	0.00	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
75	18.1 (SSDEDB #1	6.24*	0.00	0.00	6.24	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
76	19.6 (SSDEDB #1	0.81	0.43	1.23	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.16	7.91	0.24	7.91	1.0	Off
77	19.7 (SSDEDB #1	1.56	0.24	1.79	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.20	9.86	0.28	9.86	1.0	Off
78	19.8 (SSDEDB #1	0.80	0.00	0.80	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
79	19.3	0.82	0.09	0.73	0.19	Grate	0.0	0.00	0.00	4.00	2.00	0.010	2.00	0.020	0.020	0.013	0.13	6.51	0.16	3.60	1.0	77

MALIN ROAD SSDEDB #11-19 | Number of lines: 79 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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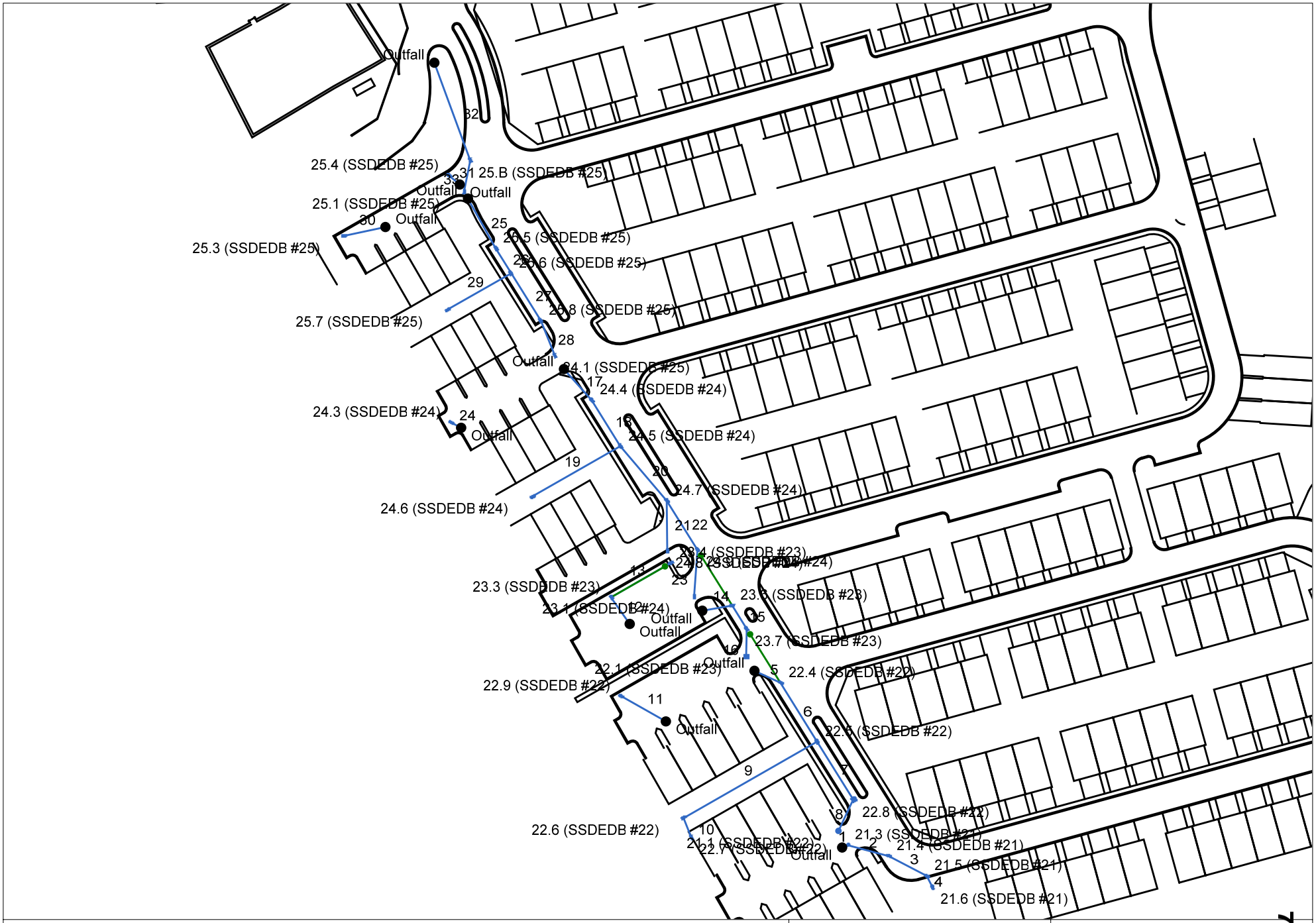
Malin Road SSDEDB #21-25



Project File: SSDEDB 21-25.stm	Number of lines: 33	Date: 1/6/2017

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Storm Sewers v10.50

Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
1	End	4.590	-29.360	Genr	0.00	0.32	0.94	5.0	473.20	0.00	473.20	15	Cir	0.012	1.11	478.00	21.3-BED 21 (SSDED
2	1	38.190	44.300	Grate	0.00	0.02	0.55	5.0	474.75	4.71	476.55	15	Cir	0.012	0.50	480.00	21.4-21.3 (SSDEDB
3	2	37.580	12.650	Grate	0.00	0.05	0.40	5.0	476.75	6.65	479.25	15	Cir	0.012	0.94	482.50	21.5-21.4 (SSDEDB
4	3	11.050	35.000	Genr	0.00	1.33	0.32	5.0	479.45	1.00	479.56	15	Cir	0.012	1.00	483.00	21.6-21.6 (SSDEDB#
5	End	25.130	24.710	Grate	0.00	0.06	0.69	5.0	453.50	0.00	453.50	15	Cir	0.012	0.91	461.88	22.4-22.2 (SSDEDB
6	5	61.210	33.470	Grate	0.00	0.05	0.62	5.0	458.00	5.31	461.25	15	Cir	0.012	1.50	467.69	22.5-22.4 (SSDEDB
7	6	60.100	-0.070	Grate	0.00	0.10	0.50	5.0	464.00	7.99	468.80	15	Cir	0.012	1.30	477.73	22.8-22.5 (SSDEDB
8	7	30.520	57.090	MH	7.56	0.00	0.00	5.0	470.00	3.28	471.00	15	Cir	0.012	1.00	478.50	21.1-22.8 (SSDEDB
9	6	135.270	91.930	Genr	0.00	0.10	0.50	5.0	461.45	4.37	467.36	15	Cir	0.012	1.49	471.06	22.6-22.5 (SSDEDB
10	9	18.120	-81.860	Genr	0.00	0.02	0.25	5.0	467.56	1.05	467.75	15	Cir	0.012	1.00	474.00	22.7-22.6 (SSDEDB
11	End	45.430	-150.400	Grate	0.00	0.26	0.84	5.0	453.50	0.00	453.50	15	Cir	0.012	1.00	457.39	22.9-22.3 (SSDEDB
12	End	28.640	-125.180	Grate	0.00	0.06	0.62	5.0	447.51	0.52	447.66	15	Cir	0.012	1.50	453.86	23.3-23.2 (SSDEDB
13	12	60.870	95.250	Grate	0.00	0.13	0.92	5.0	447.86	0.51	448.17	15	Cir	0.012	1.00	451.42	23.4-23.3 (SSDEDB
14	End	26.720	-9.790	Grate	0.00	0.02	0.62	5.0	448.81	4.08	449.90	15	Cir	0.012	1.41	453.88	23.6-23.5 (SSDEDB
15	14	24.220	68.030	Grate	0.00	0.02	0.99	5.0	450.10	1.03	450.35	15	Cir	0.012	0.90	455.99	23.7-23.6 (SSDEDB
16	15	24.510	32.930	MH	8.01	0.00	0.00	5.0	450.55	1.02	450.80	15	Cir	0.012	1.00	458.46	22.1-23.7 (SSDEDB
17	End	36.570	48.270	Grate	0.00	0.03	0.99	5.0	423.80	12.17	428.25	15	Cir	0.012	0.50	431.95	24.4-24.10 (SSDEDB
18	17	47.850	9.870	Grate	0.00	0.08	0.62	5.0	428.45	7.36	431.97	15	Cir	0.012	2.01	436.26	24.5-24.4 (SSDEDB
19	18	89.080	91.990	Genr	0.00	0.13	0.71	5.0	432.17	1.01	433.07	15	Cir	0.012	1.00	436.57	24.6-24.5 (SSDEDB
20	18	63.070	-8.320	Grate	0.00	0.05	0.88	5.0	432.76	9.86	438.98	15	Cir	0.012	1.33	442.68	24.7-24.5 (SSDEDB
21	20	44.100	39.530	Grate	0.00	0.15	0.95	5.0	439.18	7.85	442.64	15	Cir	0.012	1.00	446.14	24.8-24.7 (SSDEDB
22	20	51.000	8.230	Grate	0.00	0.05	0.99	5.0	439.18	9.80	444.18	15	Cir	0.012	0.96	448.10	24.9-24.7 (SSDEDB
23	22	41.330	36.120	MH	7.80	0.00	0.00	5.0	444.38	1.02	444.80	15	Cir	0.012	1.00	452.03	23.1-24.9 (SSDEDB

Malin Road SSDEDB #21-25 | Number of lines: 33 | Date: 1/6/2017

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Storm Sewer Inventory Report

Line No.	Alignment				Flow Data				Physical Data								Line ID
	Dnstr Line No.	Line Length (ft)	Defl angle (deg)	Junc Type	Known Q (cfs)	Drng Area (ac)	Runoff Coeff (C)	Inlet Time (min)	Invert El Dn (ft)	Line Slope (%)	Invert El Up (ft)	Line Size (in)	Line Shape	N Value (n)	J-Loss Coeff (K)	Inlet/ Rim El (ft)	
24	End	9.840	-152.140	Grate	0.00	0.35	0.69	5.0	419.21	1.02	419.31	15	Cir	0.012	1.00	422.81	24.3-24.2 (SSDEDB
25	End	49.970	61.060	Grate	0.00	0.02	0.98	5.0	410.53	3.60	412.33	15	Cir	0.012	0.50	416.96	25.5-25.10 (SSDEDB
26	25	25.990	-2.910	Grate	0.00	0.03	0.98	5.0	412.53	6.54	414.23	15	Cir	0.012	1.50	418.93	25.6-25.5 (SSDEDB
27	26	49.240	-0.020	Grate	0.00	0.04	0.92	5.0	414.78	1.00	415.27	15	Cir	0.012	0.50	423.23	25.8-25.6 (SSDEDB
28	27	33.110	10.170	MH	8.20	0.00	0.00	5.0	415.47	1.00	415.80	15	Cir	0.012	1.00	427.28	24.1-25.8 (SSDEDB
29	26	64.660	92.010	Genr	0.00	0.20	0.47	5.0	415.43	1.78	416.58	15	Cir	0.012	1.00	420.08	25.7-25.6 (SSDEDB
30	End	37.090	167.890	Grate	0.00	0.04	0.62	5.0	409.92	1.00	410.29	15	Cir	0.012	1.00	413.79	25.3-25.2 (SSDEDB
31	End	11.990	-139.930	Grate	0.00	0.19	0.73	5.0	409.11	1.00	409.23	15	Cir	0.012	1.00	412.73	25.4-25.9 (SSDEDB
32	End	91.750	69.920	MH	0.00	0.00	0.00	5.0	399.39	5.92	404.82	24	Cir	0.012	0.58	411.07	25.B-25.A (SSDEDB
33	32	27.920	31.440	MH	11.20	0.00	0.00	5.0	405.02	1.00	405.30	24	Cir	0.012	1.00	414.00	25.1-25.B (SSDEDB

Malin Road SSDEDB #21-25 | Number of lines: 33 | Date: 1/6/2017

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
1	End	4.590	0.32	1.72	0.94	0.30	0.76	5.0	5.5	8.0	6.07	0.00	4.95	15	0.00	473.20	473.20	475.55	475.58	0.00	478.00	21.3-BED 21 (SS
2	1	38.190	0.02	1.40	0.55	0.01	0.46	5.0	5.3	8.1	3.69	15.19	3.81	15	4.71	474.75	476.55	476.01	477.33	478.00	480.00	21.4-21.3 (SSDE
3	2	37.580	0.05	1.38	0.40	0.02	0.45	5.0	5.1	8.1	3.63	18.04	5.58	15	6.65	476.75	479.25	477.33	480.02	480.00	482.50	21.5-21.4 (SSDE
4	3	11.050	1.33	1.33	0.32	0.43	0.43	5.0	5.0	8.2	3.47	6.98	5.09	15	1.00	479.45	479.56	480.07	480.31	482.50	483.00	21.6-21.6 (SSDE
5	End	25.130	0.06	0.33	0.69	0.04	0.18	5.0	20.4	5.3	8.51	0.00	6.93	15	0.00	453.50	453.50	458.94	459.31	460.09	461.88	22.4-22.2 (SSDE
6	5	61.210	0.05	0.27	0.62	0.03	0.14	5.0	20.3	5.4	8.29	16.12	6.94	15	5.31	458.00	461.25	459.99	462.38	461.88	467.69	22.5-22.4 (SSDE
7	6	60.100	0.10	0.10	0.50	0.05	0.05	5.0	5.1	8.1	7.97	19.77	11.07	15	7.99	464.00	468.80	464.55	469.91	467.69	477.73	22.8-22.5 (SSDE
8	7	30.520	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	7.56	12.66	8.71	15	3.28	470.00	471.00	470.70	472.09	477.73	478.50	21.1-22.8 (SSDE
9	6	135.270	0.10	0.12	0.50	0.05	0.06	5.0	14.1	6.2	0.34	14.62	1.30	15	4.37	461.45	467.36	462.38	467.59	467.69	471.06	22.6-22.5 (SSDE
10	9	18.120	0.02	0.02	0.25	0.01	0.01	5.0	5.0	8.2	0.04	7.16	1.44	15	1.05	467.56	467.75	467.63	467.83	471.06	474.00	22.7-22.6 (SSDE
11	End	45.430	0.26	0.26	0.84	0.22	0.22	5.0	5.0	8.2	1.78	0.00	2.73	15	0.00	453.50	453.50	454.08	454.27	458.17	457.39	22.9-22.3 (SSDE
12	End	28.640	0.06	0.19	0.62	0.04	0.16	5.0	6.3	7.8	1.22	5.06	3.10	15	0.52	447.51	447.66	447.97	448.10	454.32	453.86	23.3-23.2 (SSDE
13	12	60.870	0.13	0.13	0.92	0.12	0.12	5.0	5.0	8.2	0.98	4.99	3.08	15	0.51	447.86	448.17	448.23	448.56	453.86	451.42	23.4-23.3 (SSDE
14	End	26.720	0.02	0.04	0.62	0.01	0.03	5.0	5.1	8.1	8.27	14.13	6.74	15	4.08	448.81	449.90	451.35	451.72	450.57	453.88	23.6-23.5 (SSDE
15	14	24.220	0.02	0.02	0.99	0.02	0.02	5.0	5.1	8.1	8.17	7.11	6.66	15	1.03	450.10	450.35	452.72	453.05	453.88	455.99	23.7-23.6 (SSDE
16	15	24.510	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	8.01	7.07	6.53	15	1.02	450.55	450.80	453.67	453.99	455.99	458.46	22.1-23.7 (SSDE
17	End	36.570	0.03	0.49	0.99	0.03	0.41	5.0	7.5	7.5	10.85	24.40	8.84	15	12.17	423.80	428.25	429.45	430.33	427.30	431.95	24.4-24.10 (SSDE
18	17	47.850	0.08	0.46	0.62	0.05	0.38	5.0	7.4	7.5	10.64	18.97	8.73	15	7.36	428.45	431.97	430.94	433.17	431.95	436.26	24.5-24.4 (SSDE
19	18	89.080	0.13	0.13	0.71	0.09	0.09	5.0	5.0	8.2	0.75	7.03	1.76	15	1.01	432.17	433.07	433.17	433.41	436.26	436.57	24.6-24.5 (SSDE
20	18	63.070	0.05	0.25	0.88	0.04	0.24	5.0	5.8	7.9	9.67	21.97	12.70	15	9.86	432.76	438.98	433.34	440.16	436.26	442.68	24.7-24.5 (SSDE
21	20	44.100	0.15	0.15	0.95	0.14	0.14	5.0	5.0	8.2	1.16	19.59	2.15	15	7.85	439.18	442.64	440.16	443.06	442.68	446.14	24.8-24.7 (SSDE
22	20	51.000	0.05	0.05	0.99	0.05	0.05	5.0	5.1	8.1	8.20	21.90	7.52	15	9.80	439.18	444.18	440.16	445.30	442.68	448.10	24.9-24.7 (SSDE

Malin Road SSDEDB #21-25 | Number of lines: 33 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

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Storm Sewer Tabulation

Station		Len	Drng Area		Rnoff coeff	Area x C		Tc		Rain (I)	Total flow	Cap full	Vel	Pipe		Invert Elev		HGL Elev		Grnd / Rim Elev		Line ID
Line	To Line	(ft)	Incr (ac)	Total (ac)	(C)	Incr	Total	Inlet (min)	Syst (min)	(in/hr)	(cfs)	(cfs)	(ft/s)	Size (in)	Slope (%)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	Dn (ft)	Up (ft)	
23	22	41.330	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	7.80	7.05	6.36	15	1.02	444.38	444.80	445.63	446.14	448.10	452.03	23.1-24.9 (SSDE
24	End	9.840	0.35	0.35	0.69	0.24	0.24	5.0	5.0	8.2	1.97	7.05	4.01	15	1.02	419.21	419.31	419.71	419.87	423.14	422.81	24.3-24.2 (SSDE
25	End	49.970	0.02	0.29	0.98	0.02	0.18	5.0	6.8	7.7	9.58	13.28	7.81	15	3.60	410.53	412.33	413.50	414.44	414.93	416.96	25.5-25.10 (SSDE
26	25	25.990	0.03	0.27	0.98	0.03	0.16	5.0	6.7	7.7	9.43	17.89	7.80	15	6.54	412.53	414.23	414.91	415.40	416.96	418.93	25.6-25.5 (SSDE
27	26	49.240	0.04	0.04	0.92	0.04	0.04	5.0	5.1	8.1	8.50	6.98	6.93	15	1.00	414.78	415.27	416.03	416.76	418.93	423.23	25.8-25.6 (SSDE
28	27	33.110	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	8.20	6.98	6.68	15	1.00	415.47	415.80	417.13	417.59	423.23	427.28	24.1-25.8 (SSDE
29	26	64.660	0.20	0.20	0.47	0.09	0.09	5.0	5.0	8.2	0.77	9.33	3.70	15	1.78	415.43	416.58	415.67	416.92	418.93	420.08	25.7-25.6 (SSDE
30	End	37.090	0.04	0.04	0.62	0.02	0.02	5.0	5.0	8.2	0.20	6.99	2.08	15	1.00	409.92	410.29	410.08	410.46	413.67	413.79	25.3-25.2 (SSDE
31	End	11.990	0.19	0.19	0.73	0.14	0.14	5.0	5.0	8.2	1.13	7.00	3.43	15	1.00	409.11	409.23	409.48	409.65	413.08	412.73	25.4-25.9 (SSDE
32	End	91.750	0.00	0.00	0.00	0.00	0.00	5.0	5.1	0.0	11.20	59.61	3.63	24	5.92	399.39	404.82	406.51	406.68	402.64	411.07	25.B-25.A (SSDE
33	32	27.920	0.00	0.00	0.00	0.00	0.00	5.0	5.0	0.0	11.20	24.54	4.75	24	1.00	405.02	405.30	406.80	406.50	411.07	414.00	25.1-25.B (SSDE

Malin Road SSDEDB #21-25 | Number of lines: 33 | Run Date: 1/6/2017

NOTES:Intensity = 110.40 / (Inlet time + 18.20) ^ 0.83; Return period =Yrs. 100 ; c = cir e = ellip b = box

Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
1	21.3 (SSDEDB #2	2.04	0.00	2.04	0.00	Genr	0.0	0.00	0.00	0.00	0.00	0.050	2.00	0.020	0.020	0.013	0.13	6.51	0.13	6.51	0.0	Off
2	21.4 (SSDEDB #2	0.07	0.00	0.07	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.03	1.66	0.08	0.01	1.0	1
3	21.5 (SSDEDB #2	0.14	0.00	0.14	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.04	2.10	0.08	0.01	1.0	2
4	21.6 (SSDEDB #2	2.89	0.00	2.89	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.050	0.050	0.013	0.30	6.00	0.30	6.00	0.0	Off
5	22.4 (SSDEDB #2	0.28	0.00	0.28	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.70	0.10	0.66	1.0	15
6	22.5 (SSDEDB #2	0.21	0.01	0.22	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.05	2.50	0.08	0.01	1.0	5
7	22.8 (SSDEDB #2	0.34	0.00	0.33	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.06	2.90	0.10	0.81	1.0	6
8	21.1 (SSDEDB #2	7.56*	0.00	0.00	7.56	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
9	22.6 (SSDEDB #2	0.34	0.00	0.34	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
10	22.7 (SSDEDB #2	0.03	0.00	0.03	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
11	22.9 (SSDEDB #2	1.48	0.00	1.48	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.18	8.81	0.26	8.81	1.0	Off
12	23.3 (SSDEDB #2	0.25	0.00	0.25	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.040	2.00	0.020	0.020	0.013	0.06	3.10	0.10	0.86	1.0	13
13	23.4 (SSDEDB #2	0.81	0.01	0.82	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.13	6.26	0.21	6.26	1.0	Off
14	23.6 (SSDEDB #2	0.08	0.00	0.08	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.080	2.00	0.020	0.020	0.013	0.04	1.81	0.08	0.01	1.0	22
15	23.7 (SSDEDB #2	0.13	0.01	0.14	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.04	2.10	0.08	0.01	1.0	14
16	22.1 (SSDEDB #2	8.01*	0.00	0.00	8.01	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
17	24.4 (SSDEDB #2	0.20	0.01	0.21	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.06	3.12	0.15	3.12	1.0	Off
18	24.5 (SSDEDB #2	0.34	0.03	0.36	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.06	3.00	0.10	0.76	1.0	17
19	24.6 (SSDEDB #2	0.63	0.00	0.63	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
20	24.7 (SSDEDB #2	0.30	0.21	0.48	0.03	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.07	3.40	0.11	1.16	1.0	18
21	24.8 (SSDEDB #2	0.97	0.00	0.77	0.20	Grate	0.0	0.00	0.00	4.00	2.00	0.025	2.00	0.020	0.020	0.013	0.11	5.61	0.15	3.10	1.0	20
22	24.9 (SSDEDB #2	0.34	0.00	0.33	0.01	Grate	0.0	0.00	0.00	4.00	2.00	0.100	2.00	0.020	0.020	0.013	0.06	2.90	0.10	0.76	1.0	20
23	23.1 (SSDEDB #2	7.80*	0.00	0.00	7.80	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off

Malin Road SSDEDB #21-25 | Number of lines: 33 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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Inlet Report

Line No	Inlet ID	Q = CIA (cfs)	Q carry (cfs)	Q capt (cfs)	Q Byp (cfs)	Junc Type	Curb Inlet		Grate Inlet			Gutter							Inlet			Byp Line No
							Ht (in)	L (ft)	Area (sqft)	L (ft)	W (ft)	So (ft/ft)	W (ft)	Sw (ft/ft)	Sx (ft/ft)	n	Depth (ft)	Spread (ft)	Depth (ft)	Spread (ft)	Depr (in)	
24	24.3 (SSDEDB #2	1.64	0.00	1.64	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.19	9.36	0.27	9.36	1.0	Off
25	25.5 (SSDEDB #2	0.13	0.00	0.13	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.05	2.57	0.13	2.57	1.0	Off
26	25.6 (SSDEDB #2	0.20	0.00	0.20	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.080	2.00	0.020	0.020	0.013	0.05	2.50	0.09	0.21	1.0	25
27	25.8 (SSDEDB #2	0.25	0.00	0.25	0.00	Grate	0.0	0.00	0.00	4.00	2.00	0.080	2.00	0.020	0.020	0.013	0.05	2.70	0.09	0.56	1.0	26
28	24.1 (SSDEDB #2	8.20*	0.00	0.00	8.20	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
29	25.7 (SSDEDB #2	0.64	0.00	0.64	0.00	Genr	0.0	0.00	0.00	0.00	0.00	Sag	2.00	0.020	0.020	0.000	0.30	15.00	0.30	15.00	0.0	Off
30	25.3 (SSDEDB #2	0.17	0.00	0.17	0.00	Grate	0.0	0.00	7.20	4.00	2.00	Sag	2.00	0.020	0.020	0.000	0.06	2.83	0.14	2.83	1.0	Off
31	25.4 (SSDEDB #2	0.94	0.00	0.75	0.20	Grate	0.0	0.00	0.00	4.00	2.00	0.010	2.00	0.020	0.020	0.013	0.13	6.56	0.16	3.65	1.0	Off
32	25.B (SSDEDB #2	0.00	0.00	0.00	0.00	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off
33	25.1 (SSDEDB #2	11.20*	0.00	0.00	11.20	MH	0.0	0.00	0.00	0.00	0.00	Sag	0.00	0.000	0.000	0.000	0.00	0.00	0.00	0.00	0.0	Off

Malin Road SSDEDB #21-25 | Number of lines: 33 | Run Date: 1/6/2017

NOTES: Inlet N-Values = 0.016; Intensity = 78.21 / (Inlet time + 15.70) ^ 0.81; Return period = 25 Yrs. ; * Indicates Known Q added. All curb inlets are Horiz throat.

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InLand Design, LLC
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(484) 947-2946 (fax)

Project: MALIN ROAD___
Sheet No:_____ of _____
By: _____ Date: 1/6/2017

OUTLET PROTECTION CALCULATIONS

SSDEDB #	**6**	outlet	6A
Do	24	inches	outlet pipe size
	2.00	feet	
3Do	6	feet	width at outlet
Q	15.58	cfs	pipe discharge
V	5.80	fps	discharge velocity
	TW	less than	1/2 Do
La	12	feet	length of apron
W	18	feet	width of the outlet
Rip-Rap			
d50	6.0	inches	median stone size
T=3*d50	18	inches	apron thickness
stone	R-4		see Table 4.7c

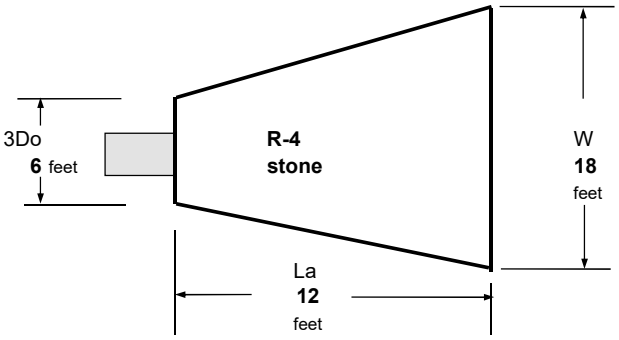

TABLE 4.7c Maximum Permissible Velocities for Rock Lined Channels and Riprap

NSA No.	Graded Rock Size (In.) Max.	D50	Min.	Permissible velocity fps*
R-1	1.50	0.75	No. 8	2.5
R-2	3	1.50	1	4.5
R-3	6	3	2	6.5
R-4	12	6	3	9.0
R-5	18	9	5	11.5
R-6	24	12	7	13.0
R-7	30	15	12	14.5

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Project: MALIN ROAD___
Sheet No:_____ of _____
By: _____ Date: 1/6/2017

OUTLET PROTECTION CALCULATIONS

SSDEDB # **10** outlet 10.A

Do	15	inches	outlet pipe size
	1.25	feet	
3Do	3.75	feet	width at outlet
Q	1.49	cfs	pipe discharge
V	3.42	fps	discharge velocity
	TW	less than	1/2 Do
La	8	feet	length of apron
W	12	feet	width of the outlet
Rip-Rap			
d50	6.0	inches	median stone size
T=3*d50	18	inches	apron thickness
stone	R-4		see Table 4.7c

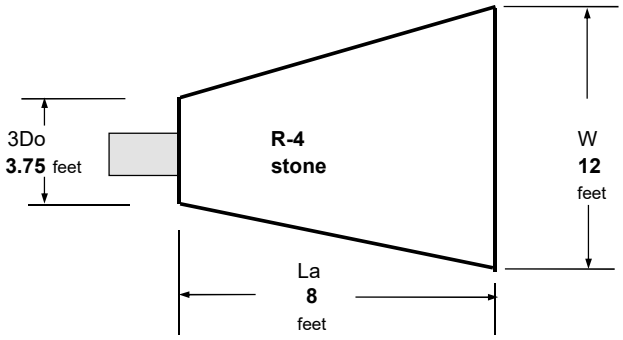

TABLE 4.7c Maximum Permissible Velocities for Rock Lined Channels and Riprap

NSA No.	Graded Rock Size (In.) Max.	D50	Min.	Permissible velocity fps*
R-1	1.50	0.75	No. 8	2.5
R-2	3	1.50	1	4.5
R-3	6	3	2	6.5
R-4	12	6	3	9.0
R-5	18	9	5	11.5
R-6	24	12	7	13.0
R-7	30	15	12	14.5

InLand Design, LLC
16 Hagerty Blvd.
West Chester, Pa. 19382
(484) 947-2928
(484) 947-2946 (fax)

Project: MALIN ROAD___
Sheet No:_____ of _____
By: _____ Date: 1/6/2017

OUTLET PROTECTION CALCULATIONS

SSDEDB # 17 outlet 17.A

Do	36	inches	outlet pipe size
	3.00	feet	
3Do	9	feet	width at outlet
Q	33.82	cfs	pipe discharge
V	7.05	fps	discharge velocity
	TW	less than	1/2 Do
La	20	feet	length of apron
W	29	feet	width of the outlet
Rip-Rap			
d50	9.0	inches	median stone size
T=3*d50	27	inches	apron thickness
stone	R-5		see Table 4.7c

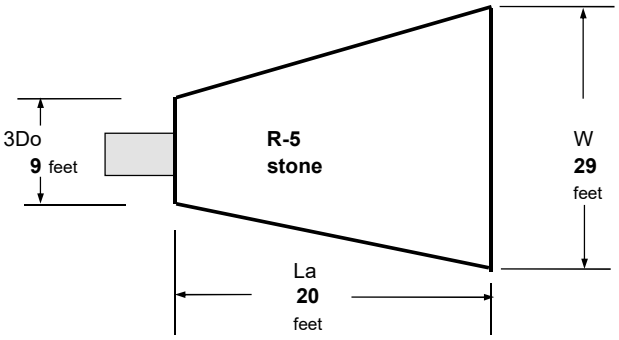

TABLE 4.7c Maximum Permissible Velocities for Rock Lined Channels and Riprap

NSA No.	Graded Rock Size (In.) Max.	D50	Min.	Permissible velocity fps*
R-1	1.50	0.75	No. 8	2.5
R-2	3	1.50	1	4.5
R-3	6	3	2	6.5
R-4	12	6	3	9.0
R-5	18	9	5	11.5
R-6	24	12	7	13.0
R-7	30	15	12	14.5

SECTION 5

SUB-SURFACE DRY EXTENDED DETENTION BASIN DEWATERING TIME (1 YEAR)	
SSDEDB #	Time (hours)
1	43.80
2	52.40
3	54.20
4	54.60
5	57.20
6	57.20
7	44.40
8	60.60
9	61.80
10	63.40
11	46.60
12	49.80
13	51.20
14	50.40
15	46.80
16	50.00
17	47.60
18	46.60
19	55.60
21	31.00
22	32.60
23	35.60
24	41.60
25	54.60

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.026 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.50 hrs
Time interval	= 2 min	Hyd. volume	= 1,909 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Reservoir name	= SSDEDB #1
Max. Elevation	= 477.02 ft	Max. Storage	= 1,126 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.40	0.020	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
11.60	0.043	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
11.80	0.245	476.15	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
12.00	0.842 <<	476.63	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
12.20	0.155	476.84	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
12.40	0.112	476.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
12.60	0.078	476.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
12.80	0.066	476.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
13.00	0.058	476.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
13.20	0.052	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
13.40	0.047	476.98	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
13.60	0.042	476.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
13.80	0.039	477.00	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
14.00	0.036	477.00	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
14.20	0.033	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
14.40	0.032	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
14.60	0.031	477.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
14.80	0.030	477.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
15.00	0.029	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
15.20	0.027	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

Continues on next page...

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.40	0.026	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
15.60	0.025	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
15.80	0.024	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
16.00	0.022	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
16.20	0.022	477.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
16.40	0.021	477.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
16.60	0.021	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
16.80	0.020	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
17.00	0.020	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
17.20	0.019	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
17.40	0.019	477.00	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
17.60	0.019	477.00	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
17.80	0.018	477.00	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
18.00	0.018	476.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
18.20	0.017	476.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
18.40	0.017	476.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
18.60	0.016	476.98	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
18.80	0.016	476.98	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
19.00	0.015	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
19.20	0.015	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
19.40	0.014	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
19.60	0.014	476.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
19.80	0.014	476.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
20.00	0.013	476.95	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
20.20	0.013	476.95	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
20.40	0.013	476.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
20.60	0.013	476.93	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
20.80	0.013	476.93	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.00	0.012	476.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
21.20	0.012	476.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
21.40	0.012	476.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
21.60	0.012	476.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
21.80	0.012	476.90	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
22.00	0.012	476.90	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
22.20	0.012	476.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
22.40	0.012	476.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
22.60	0.012	476.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
22.80	0.012	476.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
23.00	0.012	476.87	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
23.20	0.012	476.86	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
23.40	0.011	476.86	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
23.60	0.011	476.85	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
23.80	0.011	476.85	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
24.00	0.011	476.84	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
24.20	0.001	476.84	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
24.40	0.000	476.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
24.60	0.000	476.81	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
24.80	0.000	476.80	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
25.00	0.000	476.79	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
25.20	0.000	476.78	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
25.40	0.000	476.77	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
25.60	0.000	476.76	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
25.80	0.000	476.75	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
26.00	0.000	476.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
26.20	0.000	476.73	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
26.40	0.000	476.73	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.60	0.000	476.72	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
26.80	0.000	476.71	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
27.00	0.000	476.70	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
27.20	0.000	476.69	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
27.40	0.000	476.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
27.60	0.000	476.67	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
27.80	0.000	476.65	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
28.00	0.000	476.64	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
28.20	0.000	476.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
28.40	0.000	476.60	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
28.60	0.000	476.59	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
28.80	0.000	476.57	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
29.00	0.000	476.55	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
29.20	0.000	476.54	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
29.40	0.000	476.52	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
29.60	0.000	476.51	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
29.80	0.000	476.49	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
30.00	0.000	476.48	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
30.20	0.000	476.46	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
30.40	0.000	476.45	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
30.60	0.000	476.44	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
30.80	0.000	476.42	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
31.00	0.000	476.41	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
31.20	0.000	476.40	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
31.40	0.000	476.38	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
31.60	0.000	476.37	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
31.80	0.000	476.36	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
32.00	0.000	476.34	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.20	0.000	476.33	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
32.40	0.000	476.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
32.60	0.000	476.31	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
32.80	0.000	476.30	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
33.00	0.000	476.29	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
33.20	0.000	476.28	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
33.40	0.000	476.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
33.60	0.000	476.26	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
33.80	0.000	476.25	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
34.00	0.000	476.24	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
34.20	0.000	476.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
34.40	0.000	476.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
34.60	0.000	476.21	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
34.80	0.000	476.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
35.00	0.000	476.19	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
35.20	0.000	476.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
35.40	0.000	476.17	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
35.60	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
35.80	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
36.00	0.000	476.15	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
36.20	0.000	476.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
36.40	0.000	476.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
36.60	0.000	476.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
36.80	0.000	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
37.00	0.000	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
37.20	0.000	476.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
37.40	0.000	476.10	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
37.60	0.000	476.10	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.80	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
38.00	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
38.20	0.000	476.08	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
38.40	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
38.60	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
38.80	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.00	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.20	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.40	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.60	0.000	476.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
39.80	0.000	476.06	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.00	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.20	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.40	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.60	0.000	476.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
40.80	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.00	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.20	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.40	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.60	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.80	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
42.00	0.000	476.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
42.20	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
42.40	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
42.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
42.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.00	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.20	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.40	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.029 cfs
Storm frequency	= 1 yrs	Time to peak	= 22.67 hrs
Time interval	= 2 min	Hyd. volume	= 3,346 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Reservoir name	= SSDEDB #2
Max. Elevation	= 474.21 ft	Max. Storage	= 1,169 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
5.80	0.003	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.00	0.004	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.20	0.004	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.40	0.004	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
6.60	0.004	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
6.80	0.005	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.00	0.005	472.95	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.20	0.005	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.40	0.005	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.60	0.006	472.96	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.80	0.006	472.96	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.00	0.006	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.20	0.007	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.40	0.008	472.97	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.60	0.008	472.97	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.80	0.009	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.00	0.010	472.98	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.011	472.99	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.40	0.011	473.00	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.011	473.00	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.80	0.013	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.014	473.02	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.20	0.016	473.02	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.40	0.018	473.04	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.60	0.020	473.05	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.80	0.024	473.06	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.00	0.027	473.08	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.20	0.034	473.11	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.40	0.044	473.14	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.60	0.094	473.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.80	0.324	473.42	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
12.00	0.513	473.82	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
12.20	0.102	473.92	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.40	0.082	473.96	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.60	0.064	473.99	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.80	0.059	474.01	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
13.00	0.055	474.02	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
13.20	0.052	474.04	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
13.40	0.049	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
13.60	0.047	474.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
13.80	0.045	474.07	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
14.00	0.043	474.08	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
14.20	0.042	474.09	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
14.40	0.042	474.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
14.60	0.041	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
14.80	0.041	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
15.00	0.040	474.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
15.20	0.039	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.40	0.039	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
15.60	0.038	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
15.80	0.037	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
16.00	0.037	474.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
16.20	0.036	474.15	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.40	0.036	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.60	0.036	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.80	0.035	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.00	0.035	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.20	0.035	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.40	0.035	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.60	0.034	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.80	0.034	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.00	0.034	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.20	0.034	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.40	0.033	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.60	0.033	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.80	0.033	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.00	0.032	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.20	0.032	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.40	0.032	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.60	0.031	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.80	0.031	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.00	0.031	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.20	0.031	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.40	0.031	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.60	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.80	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.00	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.20	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.40	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.60	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.80	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
22.00	0.030	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
22.20	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
22.40	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
22.60	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
22.80	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.00	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.20	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.40	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.60	0.029	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.80	0.028	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.00	0.028	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.20	0.023	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.40	0.023	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.60	0.023	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.80	0.023	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.00	0.022	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.20	0.022	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.40	0.022	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.60	0.022	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.80	0.022	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
26.00	0.022	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
26.20	0.022	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
26.40	0.021	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.60	0.021	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
26.80	0.021	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.00	0.021	474.15	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.20	0.021	474.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
27.40	0.021	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
27.60	0.020	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
27.80	0.020	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.00	0.020	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.20	0.020	474.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.40	0.019	474.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.60	0.019	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.80	0.019	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.00	0.018	474.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.20	0.018	474.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.40	0.018	474.09	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.60	0.018	474.09	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.80	0.017	474.08	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.00	0.017	474.08	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.20	0.017	474.07	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.40	0.016	474.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
30.60	0.016	474.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
30.80	0.016	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.00	0.016	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.20	0.015	474.04	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.40	0.015	474.03	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.60	0.015	474.03	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.80	0.015	474.02	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.00	0.014	474.01	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.20	0.014	474.00	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.40	0.014	474.00	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.60	0.013	473.99	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
32.80	0.013	473.98	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.00	0.013	473.98	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.20	0.013	473.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.40	0.012	473.96	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.60	0.012	473.95	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.80	0.012	473.94	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.00	0.011	473.94	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.20	0.011	473.93	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.40	0.011	473.92	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.60	0.011	473.91	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.80	0.010	473.90	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.00	0.010	473.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.20	0.010	473.88	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.40	0.009	473.87	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.60	0.009	473.86	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.80	0.009	473.85	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.00	0.009	473.84	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.20	0.008	473.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.40	0.008	473.82	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.60	0.008	473.81	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.80	0.007	473.80	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.00	0.007	473.79	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.20	0.007	473.78	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.40	0.007	473.77	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.60	0.006	473.76	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.80	0.006	473.75	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.00	0.006	473.74	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.20	0.005	473.73	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.40	0.005	473.71	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.60	0.005	473.70	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.80	0.004	473.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.00	0.004	473.68	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.20	0.004	473.67	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.40	0.004	473.66	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.60	0.003	473.64	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.80	0.003	473.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.00	0.003	473.62	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.20	0.003	473.61	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.40	0.003	473.60	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.60	0.002	473.59	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.80	0.002	473.57	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
41.00	0.002	473.56	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.20	0.002	473.54	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.40	0.002	473.52	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.60	0.002	473.49	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
41.80	0.002	473.47	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
42.00	0.001	473.45	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.20	0.001	473.43	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.40	0.001	473.41	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.60	0.001	473.39	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.80	0.001	473.37	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.00	0.001	473.35	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.20	0.001	473.34	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.40	0.001	473.32	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.60	0.001	473.30	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.80	0.001	473.28	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
44.00	0.000	473.27	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
44.20	0.000	473.25	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.40	0.000	473.23	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.60	0.000	473.21	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.80	0.000	473.20	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
45.00	0.000	473.18	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
45.20	0.000	473.17	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.40	0.000	473.15	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.60	0.000	473.14	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.80	0.000	473.13	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.00	0.000	473.11	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.20	0.000	473.10	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.40	0.000	473.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.60	0.000	473.08	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.80	0.000	473.06	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.00	0.000	473.05	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.20	0.000	473.04	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.40	0.000	473.03	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.60	0.000	473.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.80	0.000	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.00	0.000	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.20	0.000	473.00	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.40	0.000	472.99	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.60	0.000	472.98	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.80	0.000	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.00	0.000	472.97	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.20	0.000	472.97	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.40	0.000	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.60	0.000	472.96	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.80	0.000	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.00	0.000	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.20	0.000	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.40	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.60	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.80	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.00	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.20	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.40	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.60	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.80	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.00	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.20	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.40	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.090 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.87 hrs
Time interval	= 2 min	Hyd. volume	= 4,967 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Reservoir name	= SSDEDB #3
Max. Elevation	= 468.76 ft	Max. Storage	= 618 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.40	0.003	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.60	0.003	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.80	0.003	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.00	0.004	467.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.20	0.004	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.004	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.005	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.80	0.005	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.00	0.005	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.20	0.006	467.94	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.40	0.006	467.95	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.60	0.006	467.95	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.007	467.95	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.00	0.007	467.95	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.20	0.008	467.96	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.40	0.008	467.96	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.60	0.009	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.80	0.009	467.96	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
11.00	0.010	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
11.20	0.011	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.40	0.012	467.97	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.60	0.013	467.98	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.80	0.074	468.00	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
12.00	0.557	468.30	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
12.20	0.275	468.68	0.086	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
12.40	0.138	468.74	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
12.60	0.107	468.76	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
12.80	0.092	468.76	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
13.00	0.085	468.76	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
13.20	0.079	468.76	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
13.40	0.075	468.75	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
13.60	0.071	468.74	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
13.80	0.067	468.73	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
14.00	0.064	468.71	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
14.20	0.062	468.70	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
14.40	0.061	468.68	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
14.60	0.060	468.67	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
14.80	0.059	468.65	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
15.00	0.058	468.64	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
15.20	0.057	468.62	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
15.40	0.055	468.60	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
15.60	0.054	468.59	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.80	0.053	468.57	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
16.00	0.052	468.55	0.079	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
16.20	0.051	468.52	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
16.40	0.051	468.49	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
16.60	0.050	468.47	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
16.80	0.050	468.44	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.00	0.050	468.42	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
17.20	0.049	468.40	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
17.40	0.049	468.38	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
17.60	0.048	468.37	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.80	0.048	468.35	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
18.00	0.048	468.33	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.20	0.047	468.32	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
18.40	0.047	468.31	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
18.60	0.046	468.29	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
18.80	0.046	468.28	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
19.00	0.046	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
19.20	0.045	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.40	0.045	468.25	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
19.60	0.044	468.24	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
19.80	0.044	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
20.00	0.043	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
20.20	0.043	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
20.40	0.043	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
20.60	0.043	468.20	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
20.80	0.043	468.20	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
21.00	0.043	468.19	0.050	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
21.20	0.042	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
21.40	0.042	468.18	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
21.60	0.042	468.18	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
21.80	0.042	468.18	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
22.00	0.042	468.17	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
22.20	0.042	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
22.40	0.042	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.60	0.042	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
22.80	0.042	468.16	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
23.00	0.042	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
23.20	0.042	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
23.40	0.042	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
23.60	0.041	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
23.80	0.041	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
24.00	0.041	468.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
24.20	0.032	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
24.40	0.029	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.60	0.029	468.12	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
24.80	0.029	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
25.00	0.029	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.20	0.029	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
25.40	0.029	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.60	0.029	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.80	0.029	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.00	0.029	468.07	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.20	0.029	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
26.40	0.029	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
26.60	0.029	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
26.80	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
27.00	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
27.20	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.40	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.60	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.80	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
28.00	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.20	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
28.40	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.60	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.80	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.00	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.20	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.40	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.60	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
29.80	0.028	468.06	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.00	0.028	468.06	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.20	0.028	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.40	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.60	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.80	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.00	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.20	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.40	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.60	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.80	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.00	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.20	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.40	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.60	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.80	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.00	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.20	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.40	0.026	468.05	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.60	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.80	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.00	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.20	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.40	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.60	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.80	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.00	0.025	468.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.20	0.025	468.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.40	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.60	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.80	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.00	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.20	0.024	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.40	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.60	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.80	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.00	0.024	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.20	0.024	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.40	0.024	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.60	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.80	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.00	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.20	0.023	468.04	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.40	0.023	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.60	0.023	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.80	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.00	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.20	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.40	0.022	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.60	0.022	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.80	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.00	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.20	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.40	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.60	0.021	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.80	0.021	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
41.00	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
41.20	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
41.40	0.020	468.02	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.60	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.80	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
42.00	0.018	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
42.20	0.018	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
42.40	0.018	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
42.60	0.017	468.02	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.80	0.017	468.01	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
43.00	0.017	468.01	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
43.20	0.016	468.01	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.40	0.016	468.01	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.60	0.015	468.01	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.80	0.015	468.01	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
44.00	0.015	468.01	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
44.20	0.014	468.00	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
44.40	0.014	468.00	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
44.60	0.013	468.00	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
44.80	0.013	468.00	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.00	0.013	468.00	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
45.20	0.012	468.00	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
45.40	0.012	467.99	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
45.60	0.011	467.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
45.80	0.011	467.99	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
46.00	0.011	467.99	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
46.20	0.010	467.99	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
46.40	0.010	467.99	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.60	0.010	467.98	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.80	0.009	467.98	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
47.00	0.009	467.98	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
47.20	0.008	467.98	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
47.40	0.008	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.60	0.007	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.80	0.007	467.97	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
48.00	0.007	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.20	0.006	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.40	0.006	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.60	0.005	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.80	0.005	467.96	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.00	0.005	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.20	0.004	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.40	0.004	467.96	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.60	0.003	467.96	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.80	0.003	467.95	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.00	0.003	467.95	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.20	0.003	467.95	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.40	0.002	467.95	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.60	0.002	467.95	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.80	0.002	467.94	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.00	0.002	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.20	0.002	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.40	0.001	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.60	0.001	467.94	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.80	0.001	467.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.00	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.20	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.40	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.60	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.80	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.00	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.20	0.000	467.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.40	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.60	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.80	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.00	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.20	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.031 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.50 hrs
Time interval	= 2 min	Hyd. volume	= 3,243 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Reservoir name	= SSDEDB #4
Max. Elevation	= 453.21 ft	Max. Storage	= 2,173 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.00	0.006	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.20	0.007	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.40	0.007	451.74	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.60	0.008	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.80	0.008	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.00	0.009	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.20	0.010	451.76	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.40	0.012	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.60	0.013	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.80	0.015	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.00	0.017	451.78	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.018	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.40	0.018	451.80	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.020	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.80	0.022	451.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.025	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.20	0.029	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.40	0.033	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.60	0.038	451.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.80	0.046	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.00	0.054	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.20	0.069	451.98	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.40	0.088	452.04	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.60	0.191	452.11	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.80	0.707	452.40	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
12.00	1.179	452.88	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.20	0.191	453.02	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
12.40	0.141	453.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.60	0.097	453.11	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.80	0.085	453.13	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.00	0.074	453.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.20	0.066	453.16	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.40	0.059	453.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.60	0.053	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.80	0.049	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
14.00	0.044	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
14.20	0.042	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
14.40	0.040	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
14.60	0.039	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
14.80	0.037	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.00	0.035	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.20	0.034	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.40	0.032	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.60	0.031	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.80	0.029	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.00	0.027	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.20	0.026	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.40	0.026	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.60	0.025	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.80	0.025	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.00	0.024	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.20	0.024	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.40	0.023	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.60	0.022	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.80	0.022	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
18.00	0.021	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
18.20	0.021	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
18.40	0.020	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
18.60	0.020	453.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
18.80	0.019	453.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
19.00	0.018	453.16	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
19.20	0.018	453.16	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
19.40	0.017	453.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
19.60	0.017	453.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
19.80	0.016	453.14	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.00	0.015	453.14	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.20	0.015	453.13	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.40	0.015	453.13	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
20.60	0.015	453.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
20.80	0.015	453.11	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
21.00	0.015	453.11	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
21.20	0.015	453.10	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
21.40	0.015	453.10	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
21.60	0.014	453.09	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
21.80	0.014	453.08	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.00	0.014	453.08	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.20	0.014	453.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.40	0.014	453.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.60	0.014	453.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.80	0.014	453.06	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.00	0.014	453.05	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.20	0.013	453.04	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.40	0.013	453.04	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.60	0.013	453.03	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
23.80	0.013	453.03	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.00	0.013	453.02	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.20	0.000	453.01	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.40	0.000	453.00	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.60	0.000	452.99	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.80	0.000	452.98	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.00	0.000	452.97	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.20	0.000	452.96	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.40	0.000	452.95	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.60	0.000	452.94	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.80	0.000	452.93	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.00	0.000	452.92	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.20	0.000	452.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.40	0.000	452.89	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.60	0.000	452.88	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.80	0.000	452.87	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
27.00	0.000	452.86	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.20	0.000	452.85	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.40	0.000	452.84	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.60	0.000	452.83	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.80	0.000	452.82	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
28.00	0.000	452.81	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
28.20	0.000	452.80	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
28.40	0.000	452.79	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
28.60	0.000	452.79	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.80	0.000	452.78	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.00	0.000	452.77	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.20	0.000	452.76	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.40	0.000	452.75	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.60	0.000	452.74	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.80	0.000	452.73	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.00	0.000	452.72	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.20	0.000	452.71	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
30.40	0.000	452.70	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
30.60	0.000	452.69	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
30.80	0.000	452.68	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.00	0.000	452.67	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.20	0.000	452.66	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.40	0.000	452.65	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.60	0.000	452.64	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
31.80	0.000	452.63	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.00	0.000	452.62	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.20	0.000	452.61	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.40	0.000	452.60	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.60	0.000	452.59	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.80	0.000	452.58	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
33.00	0.000	452.57	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.20	0.000	452.56	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.40	0.000	452.55	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.60	0.000	452.54	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.80	0.000	452.53	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
34.00	0.000	452.52	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
34.20	0.000	452.51	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
34.40	0.000	452.50	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
34.60	0.000	452.49	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
34.80	0.000	452.48	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
35.00	0.000	452.47	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
35.20	0.000	452.46	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
35.40	0.000	452.45	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
35.60	0.000	452.44	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
35.80	0.000	452.43	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
36.00	0.000	452.43	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
36.20	0.000	452.42	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
36.40	0.000	452.41	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
36.60	0.000	452.40	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
36.80	0.000	452.39	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.00	0.000	452.38	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.20	0.000	452.37	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
37.40	0.000	452.36	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
37.60	0.000	452.34	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
37.80	0.000	452.33	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.00	0.000	452.31	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.20	0.000	452.30	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
38.40	0.000	452.28	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
38.60	0.000	452.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
38.80	0.000	452.25	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.00	0.000	452.24	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
39.20	0.000	452.22	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
39.40	0.000	452.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
39.60	0.000	452.20	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
39.80	0.000	452.18	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
40.00	0.000	452.17	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
40.20	0.000	452.16	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
40.40	0.000	452.14	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
40.60	0.000	452.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
40.80	0.000	452.12	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
41.00	0.000	452.10	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
41.20	0.000	452.09	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.40	0.000	452.08	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.60	0.000	452.07	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.80	0.000	452.06	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.00	0.000	452.04	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.20	0.000	452.03	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.40	0.000	452.02	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.60	0.000	452.01	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.80	0.000	452.00	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.00	0.000	451.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.20	0.000	451.98	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.40	0.000	451.97	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
43.60	0.000	451.96	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
43.80	0.000	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.00	0.000	451.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.20	0.000	451.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
44.40	0.000	451.92	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.60	0.000	451.92	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
44.80	0.000	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.00	0.000	451.90	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.20	0.000	451.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.40	0.000	451.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.60	0.000	451.87	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.80	0.000	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.00	0.000	451.86	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.20	0.000	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.40	0.000	451.85	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
46.60	0.000	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
46.80	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.00	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.20	0.000	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.40	0.000	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.60	0.000	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.80	0.000	451.80	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.00	0.000	451.80	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.20	0.000	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.40	0.000	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.60	0.000	451.79	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.80	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.00	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.20	0.000	451.77	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.40	0.000	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.60	0.000	451.77	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.80	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.00	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.20	0.000	451.76	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.40	0.000	451.76	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.60	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.80	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.00	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.20	0.000	451.75	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.40	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.60	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.80	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.00	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.20	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.40	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.60	0.000	451.74	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.80	0.000	451.73	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.00	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.20	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.40	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.60	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.80	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.00	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.20	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.40	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.60	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.114 cfs
Storm frequency	= 1 yrs	Time to peak	= 13.67 hrs
Time interval	= 2 min	Hyd. volume	= 7,254 cuft
Inflow hyd. No.	= 14 - SSDEDB #4 Out	Reservoir name	= SSDEDB #5
Max. Elevation	= 449.08 ft	Max. Storage	= 2,202 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.20	0.007	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.40	0.009	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.60	0.011	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.80	0.013	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.00	0.016	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.20	0.019	447.80	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.40	0.023	447.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.006
10.60	0.028	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.80	0.034	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.00	0.042	447.85	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.20	0.053	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
11.40	0.070	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.60	0.106	447.93	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
11.80	0.399	448.05	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
12.00	1.381	448.50	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
12.20	0.822	448.88	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
12.40	0.278	448.99	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
12.60	0.209	449.03	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
12.80	0.168	449.05	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
13.00	0.151	449.07	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.20	0.136	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.40	0.126	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.60	0.117	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.80	0.109	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
14.00	0.103	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
14.20	0.097	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
14.40	0.094	449.07	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
14.60	0.092	449.06	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
14.80	0.090	449.06	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
15.00	0.087	449.05	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
15.20	0.085	449.04	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
15.40	0.083	449.03	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
15.60	0.080	449.02	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
15.80	0.078	449.01	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
16.00	0.075	449.00	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
16.20	0.073	448.99	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
16.40	0.072	448.98	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
16.60	0.071	448.97	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
16.80	0.070	448.96	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
17.00	0.070	448.95	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
17.20	0.069	448.93	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
17.40	0.068	448.92	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
17.60	0.067	448.91	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
17.80	0.066	448.90	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
18.00	0.065	448.89	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
18.20	0.064	448.88	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
18.40	0.063	448.86	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
18.60	0.062	448.85	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.80	0.061	448.84	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
19.00	0.060	448.83	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.20	0.059	448.81	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.40	0.059	448.80	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.60	0.058	448.79	0.101	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.80	0.057	448.78	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
20.00	0.056	448.76	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
20.20	0.055	448.75	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
20.40	0.055	448.73	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
20.60	0.054	448.72	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
20.80	0.054	448.71	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
21.00	0.054	448.69	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
21.20	0.054	448.68	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
21.40	0.053	448.66	0.095	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
21.60	0.053	448.65	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
21.80	0.053	448.64	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
22.00	0.053	448.62	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
22.20	0.052	448.61	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
22.40	0.052	448.60	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
22.60	0.052	448.58	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
22.80	0.052	448.57	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
23.00	0.051	448.56	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
23.20	0.051	448.55	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
23.40	0.051	448.54	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
23.60	0.051	448.52	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.80	0.051	448.51	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
24.00	0.050	448.50	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
24.20	0.038	448.49	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.40	0.029	448.47	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
24.60	0.029	448.45	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
24.80	0.029	448.44	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
25.00	0.029	448.42	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
25.20	0.029	448.39	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
25.40	0.028	448.36	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
25.60	0.028	448.33	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
25.80	0.028	448.30	0.072	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
26.00	0.028	448.27	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
26.20	0.028	448.25	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
26.40	0.028	448.23	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
26.60	0.028	448.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
26.80	0.028	448.18	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
27.00	0.027	448.16	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
27.20	0.027	448.14	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.40	0.027	448.12	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.60	0.027	448.10	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.80	0.027	448.09	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.00	0.027	448.07	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.20	0.027	448.06	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
28.40	0.027	448.04	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
28.60	0.026	448.03	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
28.80	0.026	448.02	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
29.00	0.026	448.01	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
29.20	0.026	448.00	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
29.40	0.026	447.99	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
29.60	0.026	447.98	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.80	0.026	447.97	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.00	0.026	447.96	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
30.20	0.025	447.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
30.40	0.025	447.95	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
30.60	0.025	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.80	0.025	447.93	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
31.00	0.025	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
31.20	0.025	447.92	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
31.40	0.025	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.60	0.024	447.92	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
31.80	0.024	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.00	0.024	447.91	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.20	0.024	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.40	0.024	447.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.60	0.024	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.80	0.024	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.00	0.023	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.20	0.023	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.40	0.023	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
33.60	0.023	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
33.80	0.023	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.00	0.023	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.20	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
34.40	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
34.60	0.022	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
34.80	0.022	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.00	0.022	447.89	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
35.20	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
35.40	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.60	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
35.80	0.021	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.00	0.021	447.88	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
36.20	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
36.40	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
36.60	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
36.80	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.00	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.20	0.020	447.88	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.40	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.60	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.80	0.020	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.00	0.020	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.20	0.019	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.40	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.60	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.80	0.018	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
39.00	0.018	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
39.20	0.018	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
39.40	0.018	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
39.60	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
39.80	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.00	0.017	447.86	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
40.20	0.017	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
40.40	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
40.60	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
40.80	0.016	447.86	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.00	0.016	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.20	0.015	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.40	0.015	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.60	0.015	447.86	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
41.80	0.014	447.86	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.00	0.014	447.85	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.20	0.014	447.85	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.40	0.014	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.60	0.013	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.80	0.013	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.00	0.013	447.85	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.20	0.013	447.85	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.40	0.012	447.85	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.60	0.012	447.85	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.80	0.012	447.85	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.00	0.012	447.84	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.20	0.011	447.84	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.40	0.011	447.84	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.60	0.011	447.84	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.80	0.011	447.84	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.00	0.010	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.20	0.010	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.40	0.010	447.84	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.60	0.010	447.84	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.80	0.009	447.83	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.00	0.009	447.83	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
46.20	0.009	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.40	0.008	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.60	0.008	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.80	0.008	447.83	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
47.00	0.008	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.20	0.007	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.40	0.007	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.60	0.007	447.82	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
47.80	0.007	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.00	0.006	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.20	0.006	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.40	0.006	447.82	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.60	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.80	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.00	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.20	0.005	447.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.40	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.60	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.80	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.00	0.004	447.81	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.20	0.003	447.81	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.40	0.003	447.81	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.60	0.003	447.80	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.80	0.003	447.80	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
51.00	0.003	447.80	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
51.20	0.002	447.80	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.40	0.002	447.80	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.60	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.80	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.00	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.20	0.002	447.79	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.40	0.002	447.79	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.60	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.80	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.00	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.20	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.40	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.60	0.001	447.79	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.80	0.001	447.79	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.00	0.001	447.79	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.20	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.40	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.60	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.80	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.00	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.20	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.40	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.60	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.80	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
56.00	0.000	447.78	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
56.20	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
56.40	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
56.60	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
56.80	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
57.00	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
57.20	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.229 cfs
Storm frequency	= 1 yrs	Time to peak	= 18.27 hrs
Time interval	= 2 min	Hyd. volume	= 20,315 cuft
Inflow hyd. No.	= 17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6	Reservoir name	= SSDEDB #6
Max. Elevation	= 450.63 ft	Max. Storage	= 7,117 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.00	0.021	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.20	0.028	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.40	0.036	446.92	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.60	0.047	446.94	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.80	0.063	446.97	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.00	0.082	447.00	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.20	0.111	447.04	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
11.40	0.153	447.11	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
11.60	0.272	447.20	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
11.80	1.215	447.56	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
12.00	3.683 <<	448.38	0.133	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
12.20	0.819	449.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
12.40	0.649	449.19	0.164	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
12.60	0.515	449.33	0.164	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
12.80	0.469	449.45	0.164	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
13.00	0.436	449.55	0.167	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
13.20	0.409	449.64	0.182	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
13.40	0.390	449.72	0.182	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
13.60	0.371	449.79	0.182	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
13.80	0.356	449.86	0.182	0.177	-----	-----	-----	-----	-----	-----	-----	0.177

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.00	0.342	449.93	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
14.20	0.331	449.98	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
14.40	0.325	450.04	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
14.60	0.319	450.09	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
14.80	0.314	450.14	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
15.00	0.307	450.19	0.190	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
15.20	0.301	450.24	0.201	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
15.40	0.295	450.28	0.201	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
15.60	0.288	450.32	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
15.80	0.282	450.36	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
16.00	0.275	450.40	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
16.20	0.269	450.43	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
16.40	0.265	450.46	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
16.60	0.261	450.49	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
16.80	0.257	450.51	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
17.00	0.253	450.54	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
17.20	0.249	450.56	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
17.40	0.245	450.58	0.201	0.198	-----	-----	0.000	-----	-----	-----	-----	0.198
17.60	0.241	450.60	0.213	0.199	-----	-----	0.008	-----	-----	-----	-----	0.206
17.80	0.238	450.62	0.221	0.199	-----	-----	0.013	-----	-----	-----	-----	0.212
18.00	0.234	450.62	0.232	0.199	-----	-----	0.026	-----	-----	-----	-----	0.224
18.20	0.230	450.63	0.235	0.199	-----	-----	0.030	-----	-----	-----	-----	0.229
18.40	0.227	450.63	0.235	0.199	-----	-----	0.029	-----	-----	-----	-----	0.228
18.60	0.223	450.62	0.233	0.199	-----	-----	0.027	-----	-----	-----	-----	0.226
18.80	0.219	450.62	0.231	0.199	-----	-----	0.024	-----	-----	-----	-----	0.223
19.00	0.216	450.62	0.228	0.199	-----	-----	0.021	-----	-----	-----	-----	0.220
19.20	0.213	450.62	0.225	0.199	-----	-----	0.018	-----	-----	-----	-----	0.217
19.40	0.209	450.62	0.222	0.199	-----	-----	0.014	-----	-----	-----	-----	0.213

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.60	0.206	450.61	0.221	0.199	-----	-----	0.013	-----	-----	-----	-----	0.212
19.80	0.203	450.61	0.219	0.199	-----	-----	0.012	-----	-----	-----	-----	0.210
20.00	0.199	450.61	0.216	0.199	-----	-----	0.010	-----	-----	-----	-----	0.209
20.20	0.196	450.60	0.213	0.199	-----	-----	0.008	-----	-----	-----	-----	0.207
20.40	0.194	450.60	0.211	0.198	-----	-----	0.006	-----	-----	-----	-----	0.205
20.60	0.193	450.59	0.208	0.198	-----	-----	0.004	-----	-----	-----	-----	0.203
20.80	0.191	450.59	0.205	0.198	-----	-----	0.002	-----	-----	-----	-----	0.201
21.00	0.189	450.58	0.202	0.198	-----	-----	0.001	-----	-----	-----	-----	0.199
21.20	0.188	450.58	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
21.40	0.186	450.57	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
21.60	0.185	450.57	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
21.80	0.183	450.56	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
22.00	0.182	450.56	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.20	0.180	450.55	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.40	0.179	450.54	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.60	0.178	450.53	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.80	0.176	450.52	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
23.00	0.175	450.51	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
23.20	0.174	450.51	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
23.40	0.172	450.50	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
23.60	0.171	450.49	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
23.80	0.170	450.48	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
24.00	0.169	450.47	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
24.20	0.126	450.45	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
24.40	0.121	450.42	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
24.60	0.119	450.39	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
24.80	0.116	450.36	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
25.00	0.114	450.33	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.20	0.110	450.29	0.201	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
25.40	0.107	450.26	0.201	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
25.60	0.104	450.23	0.201	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
25.80	0.101	450.19	0.191	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
26.00	0.099	450.16	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
26.20	0.096	450.13	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
26.40	0.094	450.09	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
26.60	0.092	450.06	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
26.80	0.089	450.02	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
27.00	0.087	449.99	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
27.20	0.085	449.95	0.182	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
27.40	0.084	449.92	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
27.60	0.082	449.88	0.182	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
27.80	0.080	449.84	0.182	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
28.00	0.078	449.81	0.182	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
28.20	0.077	449.77	0.182	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
28.40	0.075	449.74	0.182	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
28.60	0.074	449.70	0.182	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
28.80	0.072	449.67	0.182	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
29.00	0.071	449.63	0.182	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
29.20	0.070	449.60	0.174	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
29.40	0.069	449.56	0.168	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
29.60	0.067	449.53	0.167	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
29.80	0.066	449.49	0.165	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
30.00	0.065	449.46	0.165	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
30.20	0.064	449.42	0.164	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
30.40	0.063	449.39	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
30.60	0.062	449.35	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.80	0.061	449.32	0.164	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
31.00	0.060	449.29	0.164	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
31.20	0.059	449.25	0.164	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
31.40	0.058	449.22	0.164	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
31.60	0.057	449.18	0.164	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
31.80	0.057	449.15	0.164	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
32.00	0.056	449.12	0.164	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
32.20	0.055	449.09	0.153	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
32.40	0.054	449.05	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
32.60	0.054	449.02	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
32.80	0.053	448.99	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
33.00	0.053	448.96	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
33.20	0.052	448.93	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
33.40	0.052	448.90	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
33.60	0.052	448.87	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
33.80	0.051	448.84	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
34.00	0.051	448.81	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
34.20	0.050	448.78	0.148	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
34.40	0.050	448.75	0.148	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
34.60	0.050	448.72	0.148	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
34.80	0.049	448.69	0.148	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
35.00	0.049	448.66	0.140	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
35.20	0.049	448.63	0.135	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
35.40	0.049	448.61	0.134	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
35.60	0.048	448.58	0.133	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
35.80	0.048	448.55	0.133	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
36.00	0.048	448.52	0.133	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
36.20	0.047	448.50	0.133	0.129	-----	-----	-----	-----	-----	-----	-----	0.129

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.40	0.047	448.47	0.133	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
36.60	0.047	448.45	0.133	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
36.80	0.046	448.42	0.133	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
37.00	0.046	448.40	0.133	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
37.20	0.046	448.37	0.133	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
37.40	0.045	448.35	0.131	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
37.60	0.045	448.32	0.123	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
37.80	0.045	448.30	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
38.00	0.044	448.27	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
38.20	0.044	448.25	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
38.40	0.044	448.23	0.118	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
38.60	0.043	448.20	0.118	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
38.80	0.043	448.18	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
39.00	0.042	448.16	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.20	0.042	448.14	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
39.40	0.042	448.11	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
39.60	0.041	448.09	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
39.80	0.041	448.07	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
40.00	0.040	448.05	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
40.20	0.040	448.03	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
40.40	0.039	448.01	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
40.60	0.039	447.98	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
40.80	0.038	447.96	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
41.00	0.038	447.94	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
41.20	0.038	447.92	0.105	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
41.40	0.037	447.90	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
41.60	0.036	447.88	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
41.80	0.036	447.86	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.00	0.035	447.84	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
42.20	0.035	447.82	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
42.40	0.034	447.80	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
42.60	0.033	447.78	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
42.80	0.033	447.75	0.094	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
43.00	0.032	447.73	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
43.20	0.032	447.71	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
43.40	0.031	447.69	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
43.60	0.030	447.67	0.093	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
43.80	0.030	447.65	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
44.00	0.029	447.63	0.088	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
44.20	0.029	447.61	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
44.40	0.028	447.59	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
44.60	0.027	447.57	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
44.80	0.027	447.55	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
45.00	0.026	447.53	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
45.20	0.025	447.51	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
45.40	0.025	447.47	0.080	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
45.60	0.024	447.44	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
45.80	0.023	447.41	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
46.00	0.023	447.37	0.073	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
46.20	0.022	447.34	0.071	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
46.40	0.022	447.32	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
46.60	0.021	447.29	0.064	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
46.80	0.020	447.26	0.064	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
47.00	0.020	447.24	0.060	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
47.20	0.019	447.21	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
47.40	0.018	447.19	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.60	0.018	447.16	0.052	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
47.80	0.017	447.14	0.049	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.00	0.016	447.12	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
48.20	0.016	447.10	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
48.40	0.015	447.09	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
48.60	0.014	447.07	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
48.80	0.014	447.05	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.00	0.013	447.04	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
49.20	0.013	447.02	0.032	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
49.40	0.012	447.01	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.60	0.011	447.00	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
49.80	0.011	446.99	0.027	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
50.00	0.010	446.98	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
50.20	0.010	446.97	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
50.40	0.009	446.97	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.60	0.009	446.96	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.80	0.008	446.96	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
51.00	0.008	446.95	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
51.20	0.007	446.95	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
51.40	0.007	446.94	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
51.60	0.006	446.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
51.80	0.006	446.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
52.00	0.006	446.93	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
52.20	0.005	446.93	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
52.40	0.005	446.92	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.60	0.005	446.92	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.80	0.005	446.92	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
53.00	0.004	446.92	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.20	0.004	446.92	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.40	0.004	446.91	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.60	0.004	446.91	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.80	0.003	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.00	0.003	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.20	0.003	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.40	0.002	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
54.60	0.002	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
54.80	0.002	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
55.00	0.002	446.90	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.20	0.002	446.90	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.40	0.002	446.90	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.60	0.002	446.89	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.80	0.002	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.00	0.001	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.20	0.001	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.40	0.001	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.60	0.001	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.80	0.001	446.89	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.00	0.001	446.89	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
57.20	0.001	446.89	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.033 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.17 hrs
Time interval	= 2 min	Hyd. volume	= 2,641 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Reservoir name	= SSDEDB #7
Max. Elevation	= 445.62 ft	Max. Storage	= 1,630 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.60	0.007	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.80	0.008	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.00	0.010	444.00	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.20	0.012	444.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.40	0.014	444.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.60	0.017	444.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.80	0.022	444.05	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
11.00	0.027	444.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
11.20	0.034	444.10	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
11.40	0.046	444.13	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.60	0.071	444.19	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.80	0.275	444.35	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
12.00	0.903	444.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
12.20	0.510	445.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
12.40	0.156	445.42	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.60	0.112	445.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
12.80	0.086	445.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.00	0.075	445.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.20	0.065	445.56	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
13.40	0.059	445.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.60	0.053	445.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
13.80	0.048	445.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.00	0.044	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.20	0.041	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.40	0.039	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.60	0.037	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.80	0.036	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.00	0.034	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.20	0.033	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.40	0.031	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.60	0.030	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.80	0.028	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.00	0.027	445.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.20	0.026	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.40	0.025	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.60	0.024	445.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.80	0.024	445.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.00	0.023	445.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.20	0.023	445.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.40	0.022	445.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.60	0.022	445.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.80	0.021	445.57	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
18.00	0.021	445.56	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
18.20	0.020	445.56	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.40	0.020	445.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.60	0.019	445.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.80	0.019	445.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.00	0.018	445.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.20	0.017	445.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.40	0.017	445.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.60	0.016	445.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.80	0.016	445.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.00	0.015	445.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.20	0.015	445.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.40	0.015	445.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.60	0.015	445.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.80	0.014	445.44	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.00	0.014	445.44	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.20	0.014	445.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.40	0.014	445.42	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.60	0.014	445.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.80	0.014	445.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.00	0.014	445.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.20	0.014	445.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.40	0.014	445.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.60	0.013	445.36	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.80	0.013	445.35	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.00	0.013	445.34	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.20	0.013	445.33	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.40	0.013	445.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.60	0.013	445.31	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.80	0.013	445.30	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
24.00	0.013	445.29	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
24.20	0.005	445.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.40	0.000	445.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.60	0.000	445.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.80	0.000	445.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.00	0.000	445.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.20	0.000	445.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.40	0.000	445.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.60	0.000	445.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.80	0.000	445.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.00	0.000	445.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.20	0.000	445.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.40	0.000	445.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
26.60	0.000	445.09	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
26.80	0.000	445.08	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.00	0.000	445.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.20	0.000	445.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.40	0.000	445.03	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.60	0.000	445.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.80	0.000	445.00	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.00	0.000	444.99	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.20	0.000	444.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.40	0.000	444.96	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.60	0.000	444.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.80	0.000	444.93	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.00	0.000	444.91	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.20	0.000	444.90	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.40	0.000	444.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.60	0.000	444.86	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.80	0.000	444.85	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.00	0.000	444.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.20	0.000	444.82	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.40	0.000	444.80	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.60	0.000	444.79	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.80	0.000	444.77	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.00	0.000	444.76	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.20	0.000	444.74	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
31.40	0.000	444.73	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
31.60	0.000	444.72	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
31.80	0.000	444.70	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.00	0.000	444.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.20	0.000	444.67	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
32.40	0.000	444.66	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
32.60	0.000	444.65	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
32.80	0.000	444.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.00	0.000	444.62	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
33.20	0.000	444.60	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
33.40	0.000	444.58	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
33.60	0.000	444.55	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
33.80	0.000	444.53	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
34.00	0.000	444.51	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
34.20	0.000	444.48	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
34.40	0.000	444.46	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
34.60	0.000	444.44	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
34.80	0.000	444.42	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
35.00	0.000	444.40	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
35.20	0.000	444.38	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
35.40	0.000	444.36	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
35.60	0.000	444.34	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
35.80	0.000	444.32	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.00	0.000	444.31	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
36.20	0.000	444.29	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
36.40	0.000	444.27	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
36.60	0.000	444.26	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
36.80	0.000	444.24	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
37.00	0.000	444.23	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
37.20	0.000	444.21	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
37.40	0.000	444.20	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
37.60	0.000	444.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
37.80	0.000	444.17	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
38.00	0.000	444.16	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
38.20	0.000	444.14	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
38.40	0.000	444.13	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
38.60	0.000	444.12	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
38.80	0.000	444.11	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
39.00	0.000	444.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
39.20	0.000	444.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
39.40	0.000	444.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
39.60	0.000	444.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
39.80	0.000	444.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
40.00	0.000	444.05	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
40.20	0.000	444.05	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
40.40	0.000	444.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
40.60	0.000	444.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
40.80	0.000	444.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
41.00	0.000	444.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
41.20	0.000	444.02	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
41.40	0.000	444.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.60	0.000	444.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
41.80	0.000	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
42.00	0.000	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
42.20	0.000	444.00	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
42.40	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
42.60	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
42.80	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
43.00	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
43.20	0.000	443.99	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.40	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.60	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
43.80	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
44.00	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
44.20	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
44.40	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.036 cfs
Storm frequency	= 1 yrs	Time to peak	= 24.13 hrs
Time interval	= 2 min	Hyd. volume	= 4,673 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out	Reservoir name	= SSDEDB #8
Max. Elevation	= 438.92 ft	Max. Storage	= 1,936 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.60	0.005	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.80	0.005	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.00	0.006	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.007	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.008	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.010	437.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.80	0.011	437.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.00	0.013	437.07	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.20	0.016	437.09	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.40	0.019	437.10	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.60	0.023	437.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.80	0.027	437.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
11.00	0.033	437.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.20	0.040	437.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.40	0.052	437.24	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.60	0.073	437.30	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.80	0.244	437.45	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
12.00	0.721	437.84	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
12.20	0.411	438.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.40	0.145	438.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.60	0.113	438.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.80	0.095	438.41	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
13.00	0.087	438.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.20	0.080	438.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.40	0.075	438.50	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
13.60	0.071	438.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.80	0.068	438.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
14.00	0.065	438.57	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
14.20	0.062	438.59	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
14.40	0.061	438.60	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
14.60	0.060	438.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.80	0.059	438.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.00	0.058	438.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.20	0.057	438.66	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.40	0.056	438.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.60	0.055	438.69	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.80	0.053	438.70	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.00	0.052	438.71	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
16.20	0.051	438.72	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
16.40	0.051	438.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
16.60	0.050	438.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
16.80	0.050	438.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
17.00	0.050	438.76	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
17.20	0.049	438.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
17.40	0.049	438.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
17.60	0.048	438.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
17.80	0.048	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
18.00	0.047	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.20	0.047	438.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.40	0.046	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.60	0.046	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.80	0.045	438.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.00	0.045	438.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.20	0.044	438.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.40	0.044	438.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.60	0.044	438.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.80	0.043	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
20.00	0.043	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
20.20	0.042	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
20.40	0.042	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
20.60	0.042	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
20.80	0.042	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
21.00	0.041	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
21.20	0.041	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
21.40	0.041	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
21.60	0.041	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
21.80	0.041	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.00	0.040	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.20	0.040	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.40	0.040	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.60	0.040	438.91	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.80	0.040	438.91	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.00	0.039	438.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
23.20	0.039	438.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
23.40	0.039	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
23.60	0.039	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.80	0.039	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
24.00	0.039	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
24.20	0.033	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
24.40	0.029	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
24.60	0.029	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
24.80	0.029	438.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.00	0.029	438.91	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
25.20	0.028	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
25.40	0.028	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
25.60	0.028	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
25.80	0.028	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.00	0.028	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.20	0.028	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.40	0.027	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.60	0.027	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.80	0.027	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.00	0.027	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.20	0.027	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.40	0.026	438.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.60	0.026	438.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.80	0.026	438.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.00	0.026	438.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.20	0.026	438.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.40	0.025	438.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.60	0.025	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.80	0.025	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.00	0.025	438.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.20	0.025	438.81	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.40	0.024	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
29.60	0.024	438.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
29.80	0.024	438.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.00	0.024	438.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.20	0.023	438.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.40	0.023	438.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.60	0.023	438.76	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.80	0.023	438.76	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.00	0.023	438.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.20	0.022	438.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.40	0.022	438.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.60	0.022	438.73	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.80	0.022	438.72	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.00	0.022	438.72	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.20	0.021	438.71	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
32.40	0.021	438.70	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
32.60	0.021	438.69	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
32.80	0.021	438.69	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.00	0.020	438.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.20	0.020	438.67	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.40	0.020	438.67	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.60	0.019	438.66	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.80	0.019	438.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.00	0.019	438.64	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.20	0.018	438.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.40	0.018	438.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.60	0.017	438.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.80	0.017	438.61	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.00	0.017	438.60	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.20	0.016	438.59	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.40	0.016	438.58	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.60	0.015	438.57	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.80	0.015	438.56	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.00	0.015	438.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.20	0.014	438.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.40	0.014	438.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.60	0.013	438.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.80	0.013	438.51	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.00	0.013	438.50	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.20	0.012	438.49	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.40	0.012	438.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.60	0.011	438.47	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.80	0.011	438.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.00	0.011	438.44	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.20	0.010	438.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.40	0.010	438.42	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
38.60	0.009	438.41	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
38.80	0.009	438.40	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.00	0.009	438.38	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.20	0.008	438.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.40	0.008	438.36	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.60	0.007	438.35	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.80	0.007	438.33	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.00	0.006	438.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.20	0.006	438.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.40	0.006	438.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.60	0.005	438.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.80	0.005	438.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.00	0.004	438.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.20	0.004	438.24	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
41.40	0.004	438.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
41.60	0.003	438.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
41.80	0.003	438.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.00	0.003	438.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.20	0.002	438.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.40	0.002	438.16	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.60	0.002	438.14	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.80	0.002	438.13	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.00	0.002	438.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.20	0.001	438.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.40	0.001	438.09	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.60	0.001	438.07	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.80	0.001	438.06	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.00	0.001	438.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.20	0.001	438.03	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.40	0.001	438.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.60	0.000	438.00	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.80	0.000	437.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.00	0.000	437.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.20	0.000	437.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.40	0.000	437.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.60	0.000	437.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.80	0.000	437.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.00	0.000	437.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.20	0.000	437.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.40	0.000	437.86	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.60	0.000	437.85	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.80	0.000	437.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.00	0.000	437.82	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.20	0.000	437.80	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.40	0.000	437.79	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.60	0.000	437.78	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.80	0.000	437.76	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.00	0.000	437.75	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.20	0.000	437.73	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.40	0.000	437.72	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.60	0.000	437.71	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.80	0.000	437.69	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.00	0.000	437.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.20	0.000	437.67	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.40	0.000	437.64	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.60	0.000	437.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.80	0.000	437.59	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.00	0.000	437.57	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.20	0.000	437.55	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.40	0.000	437.53	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.60	0.000	437.51	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.80	0.000	437.49	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.00	0.000	437.46	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.20	0.000	437.44	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
51.40	0.000	437.42	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
51.60	0.000	437.41	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.80	0.000	437.39	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.00	0.000	437.37	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.20	0.000	437.35	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
52.40	0.000	437.33	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
52.60	0.000	437.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
52.80	0.000	437.30	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.00	0.000	437.29	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.20	0.000	437.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.40	0.000	437.26	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.60	0.000	437.24	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.80	0.000	437.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.00	0.000	437.21	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.20	0.000	437.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
54.40	0.000	437.19	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
54.60	0.000	437.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
54.80	0.000	437.17	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.00	0.000	437.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.20	0.000	437.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
55.40	0.000	437.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
55.60	0.000	437.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
55.80	0.000	437.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.00	0.000	437.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.20	0.000	437.10	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.40	0.000	437.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.60	0.000	437.09	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.80	0.000	437.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.00	0.000	437.07	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.20	0.000	437.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.40	0.000	437.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.60	0.000	437.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.80	0.000	437.06	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.00	0.000	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.20	0.000	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.40	0.000	437.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.60	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.80	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.00	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.20	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.40	0.000	437.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.60	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.80	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.00	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.20	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.40	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.60	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.097 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.37 hrs
Time interval	= 2 min	Hyd. volume	= 6,032 cuft
Inflow hyd. No.	= 28 - SSDEDB #8 Out	Reservoir name	= SSDEDB #9
Max. Elevation	= 430.10 ft	Max. Storage	= 608 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.005	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.20	0.006	429.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.40	0.007	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.60	0.008	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.80	0.009	429.15	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.00	0.011	429.16	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.20	0.013	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.40	0.016	429.18	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.60	0.018	429.19	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.80	0.022	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.00	0.026	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
11.20	0.033	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
11.40	0.041	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.60	0.081	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
11.80	0.296	429.48	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
12.00	0.550	429.99	0.092	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
12.20	0.116	430.09	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.40	0.094	430.10	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.60	0.075	430.09	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.80	0.070	430.07	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.065	430.04	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
13.20	0.062	430.02	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
13.40	0.059	429.99	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
13.60	0.057	429.97	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
13.80	0.055	429.94	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
14.00	0.053	429.91	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
14.20	0.052	429.89	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
14.40	0.051	429.86	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
14.60	0.051	429.83	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
14.80	0.050	429.81	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
15.00	0.050	429.79	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.20	0.049	429.76	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
15.40	0.049	429.72	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
15.60	0.048	429.68	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.80	0.047	429.65	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.00	0.047	429.61	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
16.20	0.046	429.59	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.40	0.046	429.56	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
16.60	0.046	429.54	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
16.80	0.046	429.52	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
17.00	0.046	429.50	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
17.20	0.045	429.48	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.40	0.045	429.47	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
17.60	0.045	429.46	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
17.80	0.045	429.44	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
18.00	0.045	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
18.20	0.044	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
18.40	0.044	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.044	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
18.80	0.044	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
19.00	0.044	429.40	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
19.20	0.043	429.39	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
19.40	0.043	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
19.60	0.043	429.38	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
19.80	0.043	429.38	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
20.00	0.043	429.38	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
20.20	0.042	429.37	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
20.40	0.042	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
20.60	0.042	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
20.80	0.042	429.37	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
21.00	0.042	429.36	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
21.20	0.042	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
21.40	0.042	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
21.60	0.042	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
21.80	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
22.00	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
22.20	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
22.40	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
22.60	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
22.80	0.042	429.35	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
23.00	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
23.20	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
23.40	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
23.60	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
23.80	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
24.00	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.036	429.35	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
24.40	0.036	429.34	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
24.60	0.036	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.80	0.036	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
25.00	0.035	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
25.20	0.035	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
25.40	0.035	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
25.60	0.035	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
25.80	0.035	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
26.00	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.20	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.40	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.60	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.80	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
27.00	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
27.20	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.40	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.60	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.80	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.00	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.20	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.40	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.60	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
28.80	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.00	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.20	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.40	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
29.60	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
30.00	0.034	429.29	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.20	0.034	429.29	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.40	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.60	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
30.80	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.00	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.20	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.40	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.60	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
31.80	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.00	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.20	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.40	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.60	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.80	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.00	0.033	429.29	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.20	0.033	429.29	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.40	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.60	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.80	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.00	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.20	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.40	0.033	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.60	0.033	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.80	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.00	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.20	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.60	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.80	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.00	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.20	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.40	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.60	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.80	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.00	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.20	0.031	429.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.40	0.031	429.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.60	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.80	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.00	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.20	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.40	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.60	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.80	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.00	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.20	0.030	429.27	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.40	0.030	429.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.60	0.030	429.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.80	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.00	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.20	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.40	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.60	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.80	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.20	0.028	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.40	0.028	429.26	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.60	0.028	429.26	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.80	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.00	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.20	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.40	0.027	429.26	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.60	0.027	429.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.80	0.027	429.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.00	0.027	429.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.20	0.027	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.40	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.60	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.80	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.00	0.026	429.25	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.20	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.40	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.60	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.80	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.00	0.025	429.24	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.20	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.40	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.60	0.024	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.80	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.00	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.20	0.024	429.24	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.40	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.80	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
47.00	0.023	429.23	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.20	0.023	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.40	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.60	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.80	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
48.00	0.022	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.20	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.40	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.60	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.80	0.021	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.00	0.021	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.20	0.020	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.40	0.020	429.22	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.60	0.020	429.22	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.80	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
50.00	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
50.20	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.40	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.60	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.80	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.00	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.20	0.016	429.21	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.40	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.60	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.80	0.015	429.21	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.00	0.015	429.20	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.014	429.20	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.40	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.60	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.80	0.013	429.20	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.00	0.013	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.20	0.012	429.20	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.40	0.012	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.60	0.012	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.80	0.011	429.19	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.00	0.011	429.19	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.20	0.010	429.19	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.40	0.010	429.19	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.60	0.010	429.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.80	0.009	429.18	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.00	0.009	429.18	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.20	0.008	429.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.40	0.008	429.18	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.60	0.008	429.17	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.80	0.007	429.17	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.00	0.007	429.17	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.20	0.006	429.17	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.40	0.006	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.60	0.005	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.80	0.005	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.00	0.005	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.20	0.004	429.16	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.40	0.004	429.16	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.60	0.004	429.15	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.80	0.003	429.15	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
58.00	0.003	429.15	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.20	0.003	429.15	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.40	0.002	429.15	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.60	0.002	429.14	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.80	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.00	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.20	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.40	0.001	429.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.60	0.001	429.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.80	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.00	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.20	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.40	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.60	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.80	0.000	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.00	0.000	429.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.20	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.40	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.60	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.80	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.115 cfs
Storm frequency	= 1 yrs	Time to peak	= 14.53 hrs
Time interval	= 2 min	Hyd. volume	= 8,285 cuft
Inflow hyd. No.	= 31 - SSDEDB #9 Out	Reservoir name	= SSDEDB #10
Max. Elevation	= 416.31 ft	Max. Storage	= 1,489 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.80	0.009	414.97	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
10.00	0.012	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.20	0.015	414.99	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.40	0.019	415.01	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.60	0.025	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.80	0.031	415.04	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.00	0.039	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
11.20	0.051	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.40	0.067	415.12	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
11.60	0.131	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
11.80	0.494	415.40	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
12.00	0.989	415.96	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
12.20	0.249	416.10	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
12.40	0.211	416.16	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
12.60	0.176	416.20	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
12.80	0.166	416.23	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
13.00	0.155	416.25	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
13.20	0.147	416.27	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
13.40	0.141	416.28	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.60	0.135	416.29	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.80	0.129	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
14.00	0.124	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
14.20	0.120	416.31	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
14.40	0.117	416.31	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
14.60	0.114	416.31	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
14.80	0.111	416.31	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.00	0.109	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.20	0.105	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.40	0.101	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.60	0.097	416.29	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.80	0.094	416.28	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
16.00	0.090	416.27	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
16.20	0.087	416.26	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
16.40	0.084	416.24	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
16.60	0.082	416.23	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
16.80	0.080	416.22	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
17.00	0.078	416.20	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
17.20	0.076	416.19	0.110	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
17.40	0.074	416.17	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
17.60	0.072	416.15	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
17.80	0.071	416.14	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
18.00	0.069	416.12	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
18.20	0.068	416.10	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
18.40	0.067	416.09	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
18.60	0.065	416.07	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
18.80	0.064	416.05	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
19.00	0.063	416.03	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
19.20	0.062	416.01	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.40	0.061	416.00	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.60	0.060	415.98	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
19.80	0.059	415.96	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
20.00	0.058	415.94	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
20.20	0.058	415.92	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
20.40	0.057	415.90	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
20.60	0.057	415.88	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
20.80	0.057	415.86	0.094	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
21.00	0.056	415.84	0.092	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
21.20	0.056	415.82	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
21.40	0.056	415.81	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
21.60	0.056	415.79	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
21.80	0.055	415.77	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
22.00	0.055	415.76	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
22.20	0.055	415.74	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
22.40	0.055	415.72	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
22.60	0.055	415.71	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
22.80	0.055	415.69	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
23.00	0.054	415.68	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
23.20	0.054	415.66	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
23.40	0.054	415.65	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
23.60	0.054	415.64	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
23.80	0.054	415.62	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
24.00	0.054	415.61	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
24.20	0.041	415.58	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
24.40	0.041	415.54	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
24.60	0.040	415.51	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
24.80	0.039	415.48	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.00	0.038	415.46	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
25.20	0.038	415.43	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
25.40	0.037	415.40	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
25.60	0.037	415.38	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
25.80	0.037	415.36	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
26.00	0.036	415.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.20	0.036	415.32	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.40	0.036	415.30	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.60	0.036	415.29	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
26.80	0.036	415.27	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.00	0.036	415.26	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
27.20	0.035	415.25	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
27.40	0.035	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
27.60	0.035	415.23	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
27.80	0.035	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
28.00	0.035	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
28.20	0.035	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
28.40	0.035	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
28.60	0.035	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
28.80	0.035	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.00	0.035	415.18	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.20	0.035	415.17	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.40	0.035	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
29.60	0.035	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
29.80	0.035	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
30.00	0.034	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
30.20	0.034	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
30.40	0.034	415.15	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.60	0.034	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
30.80	0.034	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
31.00	0.034	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
31.20	0.034	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
31.40	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
31.60	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
31.80	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
32.00	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
32.20	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
32.40	0.034	415.14	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.60	0.034	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.80	0.034	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.00	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.20	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.40	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.60	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.80	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
34.00	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
34.20	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
34.40	0.033	415.14	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.60	0.033	415.14	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
34.80	0.033	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.00	0.033	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.20	0.033	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.40	0.033	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.60	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.80	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
36.00	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.20	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
36.40	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
36.60	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
36.80	0.032	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.00	0.032	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.20	0.032	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.40	0.032	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.60	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.80	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
38.00	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
38.20	0.031	415.12	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
38.40	0.031	415.12	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
38.60	0.031	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
38.80	0.031	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.00	0.031	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.20	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.40	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.60	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.80	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
40.00	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
40.20	0.030	415.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.40	0.029	415.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.60	0.029	415.12	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.80	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
41.00	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
41.20	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
41.40	0.029	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
41.60	0.029	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.80	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.00	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.20	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.40	0.028	415.11	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.60	0.028	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
42.80	0.028	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.00	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.20	0.027	415.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.40	0.027	415.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.60	0.027	415.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.80	0.027	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.00	0.026	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.20	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.40	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.60	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.80	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
45.00	0.026	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.20	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.40	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.60	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.80	0.025	415.10	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
46.00	0.025	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.20	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.40	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.60	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.80	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
47.00	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
47.20	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.40	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
47.60	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
47.80	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
48.00	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
48.20	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
48.40	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
48.60	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
48.80	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
49.00	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
49.20	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
49.40	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
49.60	0.020	415.08	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.80	0.020	415.08	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
50.00	0.020	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
50.20	0.019	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
50.40	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
50.60	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
50.80	0.018	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
51.00	0.018	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
51.20	0.017	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
51.40	0.017	415.07	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.60	0.017	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.80	0.016	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
52.00	0.016	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
52.20	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
52.40	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
52.60	0.015	415.06	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.80	0.014	415.05	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.00	0.014	415.05	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
53.20	0.013	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
53.40	0.013	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
53.60	0.013	415.05	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.80	0.012	415.05	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
54.00	0.012	415.05	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
54.20	0.012	415.04	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
54.40	0.011	415.04	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
54.60	0.011	415.04	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.80	0.010	415.04	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
55.00	0.010	415.04	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
55.20	0.010	415.04	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
55.40	0.009	415.03	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
55.60	0.009	415.03	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.80	0.008	415.03	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
56.00	0.008	415.03	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
56.20	0.008	415.03	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
56.40	0.007	415.03	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
56.60	0.007	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.80	0.006	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
57.00	0.006	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
57.20	0.006	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
57.40	0.005	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
57.60	0.005	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
57.80	0.005	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
58.00	0.004	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
58.20	0.004	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
58.40	0.004	415.01	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
58.60	0.003	415.01	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
58.80	0.003	415.00	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
59.00	0.003	415.00	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
59.20	0.003	415.00	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
59.40	0.002	415.00	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
59.60	0.002	415.00	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
59.80	0.002	415.00	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
60.00	0.002	414.99	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
60.20	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
60.40	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
60.60	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
60.80	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
61.00	0.001	414.99	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.20	0.001	414.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.40	0.001	414.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.60	0.001	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.80	0.001	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
62.00	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
62.20	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
62.40	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
62.60	0.000	414.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
62.80	0.000	414.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
63.00	0.000	414.97	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
63.20	0.000	414.97	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
63.40	0.000	414.97	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.033 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.27 hrs
Time interval	= 2 min	Hyd. volume	= 2,788 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Reservoir name	= SSDEDB #11
Max. Elevation	= 417.74 ft	Max. Storage	= 1,758 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.20	0.007	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.40	0.008	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.60	0.009	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.80	0.011	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.00	0.013	416.16	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.20	0.015	416.17	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.40	0.018	416.19	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.60	0.022	416.20	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.80	0.027	416.22	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
11.00	0.033	416.24	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
11.20	0.043	416.27	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.40	0.057	416.32	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.60	0.103	416.38	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.80	0.454	416.64	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
12.00	1.206	417.19	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.20	0.203	417.49	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.40	0.144	417.56	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.60	0.100	417.61	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.80	0.084	417.64	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.00	0.073	417.67	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.20	0.065	417.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.40	0.059	417.70	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
13.60	0.053	417.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
13.80	0.048	417.72	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.00	0.044	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.20	0.041	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.40	0.039	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.60	0.038	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
14.80	0.036	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.00	0.035	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.20	0.033	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.40	0.032	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.60	0.030	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
15.80	0.029	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.00	0.027	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.20	0.026	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.40	0.026	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.60	0.025	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
16.80	0.024	417.72	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.00	0.024	417.72	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.20	0.023	417.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.40	0.023	417.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
17.60	0.022	417.70	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
17.80	0.022	417.70	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.00	0.021	417.69	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.20	0.021	417.69	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.40	0.020	417.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.60	0.019	417.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.80	0.019	417.67	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.00	0.018	417.66	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.20	0.018	417.65	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.40	0.017	417.65	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.60	0.017	417.64	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.80	0.016	417.63	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.00	0.015	417.62	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.20	0.015	417.61	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.40	0.015	417.61	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.60	0.015	417.60	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
20.80	0.015	417.59	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.00	0.015	417.58	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.20	0.015	417.57	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.40	0.014	417.56	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.60	0.014	417.56	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
21.80	0.014	417.55	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.00	0.014	417.54	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.20	0.014	417.53	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
22.40	0.014	417.52	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.60	0.014	417.51	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
22.80	0.014	417.50	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.00	0.014	417.50	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.20	0.013	417.49	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.40	0.013	417.48	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.60	0.013	417.47	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
23.80	0.013	417.46	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
24.00	0.013	417.45	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
24.20	0.001	417.44	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.40	0.000	417.43	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.60	0.000	417.41	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
24.80	0.000	417.40	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.00	0.000	417.38	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.20	0.000	417.37	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.40	0.000	417.35	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
25.60	0.000	417.34	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
25.80	0.000	417.32	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.00	0.000	417.31	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.20	0.000	417.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.40	0.000	417.28	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
26.60	0.000	417.27	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
26.80	0.000	417.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.00	0.000	417.24	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.20	0.000	417.23	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.40	0.000	417.21	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.60	0.000	417.20	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
27.80	0.000	417.19	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.00	0.000	417.17	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.20	0.000	417.16	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.40	0.000	417.15	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.60	0.000	417.13	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
28.80	0.000	417.12	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
29.00	0.000	417.11	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.20	0.000	417.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.40	0.000	417.08	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.60	0.000	417.06	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
29.80	0.000	417.05	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.00	0.000	417.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.20	0.000	417.02	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.40	0.000	417.01	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.60	0.000	416.99	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.80	0.000	416.98	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
31.00	0.000	416.97	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.20	0.000	416.95	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.40	0.000	416.94	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.60	0.000	416.93	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.80	0.000	416.91	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
32.00	0.000	416.90	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
32.20	0.000	416.89	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.40	0.000	416.87	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.60	0.000	416.86	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.80	0.000	416.85	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
33.00	0.000	416.84	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
33.20	0.000	416.82	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.40	0.000	416.81	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.60	0.000	416.80	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.80	0.000	416.79	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
34.00	0.000	416.77	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
34.20	0.000	416.76	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.40	0.000	416.74	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.60	0.000	416.72	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.80	0.000	416.69	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
35.00	0.000	416.67	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
35.20	0.000	416.65	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
35.40	0.000	416.63	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.60	0.000	416.61	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
35.80	0.000	416.59	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.00	0.000	416.58	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.20	0.000	416.56	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.40	0.000	416.54	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
36.60	0.000	416.52	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
36.80	0.000	416.50	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
37.00	0.000	416.49	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
37.20	0.000	416.47	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
37.40	0.000	416.45	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
37.60	0.000	416.44	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
37.80	0.000	416.42	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.00	0.000	416.41	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
38.20	0.000	416.39	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
38.40	0.000	416.38	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
38.60	0.000	416.37	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
38.80	0.000	416.35	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
39.00	0.000	416.34	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
39.20	0.000	416.33	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
39.40	0.000	416.32	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
39.60	0.000	416.30	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
39.80	0.000	416.29	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
40.00	0.000	416.28	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
40.20	0.000	416.27	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
40.40	0.000	416.26	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
40.60	0.000	416.25	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
40.80	0.000	416.24	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
41.00	0.000	416.23	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.20	0.000	416.23	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
41.40	0.000	416.22	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
41.60	0.000	416.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
41.80	0.000	416.20	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
42.00	0.000	416.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
42.20	0.000	416.19	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
42.40	0.000	416.18	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
42.60	0.000	416.18	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
42.80	0.000	416.17	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
43.00	0.000	416.17	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
43.20	0.000	416.16	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
43.40	0.000	416.16	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.60	0.000	416.16	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.80	0.000	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
44.00	0.000	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
44.20	0.000	416.15	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.40	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.60	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.80	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.00	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.20	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.40	0.000	416.13	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.60	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.80	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.00	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.20	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.40	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.60	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.069 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.57 hrs
Time interval	= 2 min	Hyd. volume	= 5,893 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out - SSDEDB #12 In	Reservoir name	= SSDEDB #12
Max. Elevation	= 415.29 ft	Max. Storage	= 1,978 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.60	0.009	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.80	0.011	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
10.00	0.013	413.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.20	0.016	413.85	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.40	0.020	413.86	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.60	0.025	413.87	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.80	0.030	413.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.00	0.037	413.91	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.20	0.047	413.93	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.40	0.062	413.96	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.60	0.091	414.01	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.80	0.332	414.14	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.00	1.085	414.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
12.20	0.635	414.97	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
12.40	0.217	415.09	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
12.60	0.165	415.14	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
12.80	0.135	415.17	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
13.00	0.122	415.20	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
13.20	0.111	415.22	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
13.40	0.103	415.23	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.60	0.096	415.25	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
13.80	0.091	415.26	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
14.00	0.086	415.26	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
14.20	0.081	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
14.40	0.079	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
14.60	0.078	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
14.80	0.076	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
15.00	0.074	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
15.20	0.072	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
15.40	0.071	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
15.60	0.069	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
15.80	0.067	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.00	0.065	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.20	0.064	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.40	0.063	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.60	0.062	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
16.80	0.061	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
17.00	0.061	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
17.20	0.060	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
17.40	0.059	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
17.60	0.059	415.26	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
17.80	0.058	415.26	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
18.00	0.057	415.25	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
18.20	0.057	415.25	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
18.40	0.056	415.24	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
18.60	0.055	415.24	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
18.80	0.054	415.23	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
19.00	0.054	415.23	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.20	0.053	415.22	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
19.40	0.052	415.22	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
19.60	0.052	415.21	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
19.80	0.051	415.20	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
20.00	0.050	415.20	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
20.20	0.049	415.19	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
20.40	0.049	415.18	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
20.60	0.049	415.18	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
20.80	0.049	415.17	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
21.00	0.048	415.16	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
21.20	0.048	415.16	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
21.40	0.048	415.15	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
21.60	0.048	415.14	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
21.80	0.048	415.13	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
22.00	0.047	415.13	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
22.20	0.047	415.12	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
22.40	0.047	415.11	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
22.60	0.047	415.11	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
22.80	0.046	415.10	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
23.00	0.046	415.09	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
23.20	0.046	415.08	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
23.40	0.046	415.08	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
23.60	0.046	415.07	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
23.80	0.045	415.06	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
24.00	0.045	415.06	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
24.20	0.036	415.05	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
24.40	0.029	415.04	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
24.60	0.029	415.02	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.80	0.029	415.01	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
25.00	0.029	415.00	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
25.20	0.029	414.98	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
25.40	0.029	414.97	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
25.60	0.028	414.96	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
25.80	0.028	414.95	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
26.00	0.028	414.93	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
26.20	0.028	414.92	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
26.40	0.028	414.91	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
26.60	0.027	414.90	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
26.80	0.027	414.88	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
27.00	0.027	414.87	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
27.20	0.027	414.86	0.061	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
27.40	0.027	414.85	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.60	0.027	414.83	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.80	0.026	414.82	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.00	0.026	414.81	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.20	0.026	414.80	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.40	0.026	414.79	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.60	0.026	414.77	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
28.80	0.026	414.76	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
29.00	0.025	414.75	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
29.20	0.025	414.73	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
29.40	0.025	414.72	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
29.60	0.025	414.71	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
29.80	0.025	414.69	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
30.00	0.024	414.68	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
30.20	0.024	414.67	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.40	0.024	414.66	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.60	0.024	414.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.80	0.024	414.63	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
31.00	0.023	414.62	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.20	0.023	414.61	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.40	0.023	414.60	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.60	0.023	414.58	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.80	0.023	414.57	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.00	0.023	414.56	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
32.20	0.022	414.55	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
32.40	0.022	414.54	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
32.60	0.022	414.53	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
32.80	0.022	414.52	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
33.00	0.022	414.50	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
33.20	0.021	414.49	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
33.40	0.021	414.48	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
33.60	0.021	414.47	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
33.80	0.021	414.46	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
34.00	0.021	414.44	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
34.20	0.020	414.42	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
34.40	0.020	414.40	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.60	0.020	414.38	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
34.80	0.019	414.36	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.00	0.019	414.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
35.20	0.018	414.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.40	0.018	414.31	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.60	0.018	414.29	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.80	0.017	414.27	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.00	0.017	414.26	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
36.20	0.017	414.24	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
36.40	0.016	414.22	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
36.60	0.016	414.21	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
36.80	0.016	414.19	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
37.00	0.015	414.18	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.20	0.015	414.16	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.40	0.014	414.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.60	0.014	414.14	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
37.80	0.014	414.12	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.00	0.013	414.11	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.20	0.013	414.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
38.40	0.013	414.08	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
38.60	0.012	414.07	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.80	0.012	414.06	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
39.00	0.012	414.05	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.20	0.011	414.04	0.026	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.40	0.011	414.03	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.60	0.011	414.02	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.80	0.010	414.00	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.00	0.010	413.99	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.20	0.009	413.99	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.40	0.009	413.98	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
40.60	0.009	413.97	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.80	0.008	413.96	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.00	0.008	413.95	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.20	0.008	413.94	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.40	0.007	413.93	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.60	0.007	413.93	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.80	0.006	413.92	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.00	0.006	413.91	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.20	0.006	413.91	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.40	0.005	413.90	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.60	0.005	413.90	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
42.80	0.005	413.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
43.00	0.004	413.89	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
43.20	0.004	413.88	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
43.40	0.003	413.88	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
43.60	0.003	413.88	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
43.80	0.003	413.87	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
44.00	0.003	413.87	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.20	0.002	413.87	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.40	0.002	413.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
44.60	0.002	413.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
44.80	0.002	413.86	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.00	0.002	413.86	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.20	0.002	413.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.40	0.001	413.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.60	0.001	413.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.80	0.001	413.85	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.00	0.001	413.85	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.20	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.40	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.60	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.80	0.000	413.84	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.00	0.000	413.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.20	0.000	413.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.40	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.60	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.80	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.00	0.000	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.20	0.000	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.40	0.000	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.60	0.000	413.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.80	0.000	413.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.00	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.20	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.40	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.60	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.80	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.127 cfs
Storm frequency	= 1 yrs	Time to peak	= 14.37 hrs
Time interval	= 2 min	Hyd. volume	= 9,649 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out - SSDEDB #13 In	Reservoir name	= SSDEDB #13
Max. Elevation	= 413.41 ft	Max. Storage	= 2,195 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.00	0.011	411.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
10.20	0.015	411.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.40	0.020	411.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.60	0.026	411.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.80	0.034	411.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.00	0.044	411.90	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
11.20	0.057	411.93	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.40	0.076	411.96	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
11.60	0.112	412.01	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
11.80	0.397	412.16	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
12.00	1.322	412.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
12.20	0.797	413.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
12.40	0.293	413.24	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
12.60	0.230	413.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
12.80	0.193	413.33	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
13.00	0.177	413.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
13.20	0.164	413.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
13.40	0.155	413.38	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
13.60	0.147	413.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
13.80	0.140	413.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.00	0.134	413.41	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
14.20	0.129	413.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.40	0.126	413.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.60	0.124	413.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.80	0.122	413.41	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.00	0.120	413.40	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.20	0.118	413.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.40	0.116	413.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.60	0.114	413.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.80	0.111	413.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
16.00	0.109	413.38	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
16.20	0.107	413.38	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
16.40	0.106	413.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
16.60	0.105	413.36	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
16.80	0.105	413.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
17.00	0.104	413.34	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
17.20	0.103	413.34	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
17.40	0.102	413.33	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
17.60	0.101	413.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
17.80	0.100	413.31	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.00	0.099	413.30	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.20	0.098	413.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.40	0.098	413.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.60	0.097	413.27	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.80	0.096	413.26	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.00	0.095	413.25	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.20	0.094	413.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.40	0.093	413.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.60	0.092	413.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
19.80	0.091	413.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
20.00	0.090	413.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
20.20	0.089	413.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
20.40	0.088	413.18	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.60	0.088	413.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.80	0.088	413.16	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
21.00	0.087	413.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
21.20	0.087	413.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
21.40	0.087	413.12	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
21.60	0.086	413.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
21.80	0.086	413.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
22.00	0.086	413.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
22.20	0.085	413.08	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
22.40	0.085	413.07	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
22.60	0.085	413.06	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
22.80	0.084	413.05	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
23.00	0.084	413.04	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
23.20	0.084	413.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
23.40	0.083	413.02	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
23.60	0.083	413.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
23.80	0.083	413.00	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
24.00	0.082	412.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
24.20	0.071	412.98	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
24.40	0.063	412.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
24.60	0.062	412.95	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
24.80	0.062	412.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
25.00	0.062	412.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.20	0.061	412.90	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
25.40	0.061	412.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
25.60	0.061	412.86	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
25.80	0.060	412.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
26.00	0.060	412.83	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
26.20	0.059	412.82	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
26.40	0.059	412.80	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
26.60	0.059	412.78	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
26.80	0.058	412.77	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
27.00	0.058	412.75	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
27.20	0.058	412.73	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
27.40	0.057	412.72	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
27.60	0.057	412.70	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
27.80	0.057	412.69	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
28.00	0.056	412.67	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
28.20	0.056	412.66	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
28.40	0.056	412.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
28.60	0.055	412.63	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
28.80	0.055	412.61	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
29.00	0.054	412.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
29.20	0.054	412.58	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
29.40	0.053	412.57	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
29.60	0.053	412.56	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
29.80	0.053	412.54	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
30.00	0.052	412.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
30.20	0.052	412.52	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
30.40	0.051	412.50	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
30.60	0.051	412.49	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.80	0.051	412.48	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
31.00	0.050	412.46	0.082	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
31.20	0.050	412.44	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
31.40	0.049	412.42	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
31.60	0.049	412.40	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
31.80	0.049	412.38	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
32.00	0.048	412.36	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
32.20	0.048	412.34	0.070	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
32.40	0.047	412.32	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
32.60	0.047	412.31	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
32.80	0.047	412.29	0.067	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
33.00	0.046	412.28	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
33.20	0.046	412.26	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
33.40	0.045	412.25	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
33.60	0.045	412.24	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
33.80	0.044	412.22	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
34.00	0.044	412.21	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
34.20	0.043	412.20	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
34.40	0.042	412.19	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
34.60	0.041	412.17	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.80	0.041	412.16	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.00	0.040	412.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
35.20	0.039	412.14	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
35.40	0.038	412.13	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
35.60	0.038	412.12	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
35.80	0.037	412.11	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
36.00	0.036	412.10	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.20	0.035	412.09	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.40	0.035	412.08	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.60	0.034	412.07	0.047	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
36.80	0.033	412.06	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
37.00	0.032	412.05	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
37.20	0.032	412.05	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
37.40	0.031	412.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
37.60	0.030	412.03	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
37.80	0.029	412.02	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
38.00	0.029	412.01	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.20	0.028	412.01	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.40	0.027	412.00	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.60	0.026	411.99	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
38.80	0.026	411.98	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
39.00	0.025	411.98	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
39.20	0.024	411.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.40	0.024	411.97	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
39.60	0.023	411.96	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
39.80	0.022	411.96	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.00	0.021	411.95	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
40.20	0.021	411.95	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
40.40	0.020	411.94	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
40.60	0.019	411.94	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
40.80	0.018	411.93	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.00	0.017	411.93	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.20	0.017	411.93	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
41.40	0.016	411.92	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.60	0.015	411.92	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
41.80	0.014	411.91	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.00	0.013	411.91	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.20	0.012	411.91	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.40	0.012	411.90	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.60	0.011	411.90	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.80	0.010	411.90	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.00	0.009	411.89	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.20	0.009	411.89	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
43.40	0.008	411.89	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
43.60	0.007	411.88	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.80	0.007	411.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
44.00	0.006	411.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
44.20	0.006	411.88	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
44.40	0.005	411.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.60	0.005	411.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.80	0.005	411.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.00	0.004	411.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.20	0.004	411.86	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.40	0.004	411.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
45.60	0.004	411.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
45.80	0.003	411.86	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
46.00	0.003	411.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.20	0.003	411.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.40	0.003	411.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.60	0.003	411.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.80	0.002	411.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.00	0.002	411.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.20	0.002	411.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.40	0.002	411.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.60	0.002	411.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.80	0.002	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.00	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.20	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.40	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.60	0.001	411.84	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.80	0.001	411.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.00	0.001	411.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.20	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.40	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.60	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.80	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.00	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.20	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.40	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.60	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.80	0.000	411.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.00	0.000	411.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.20	0.000	411.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.222 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.43 hrs
Time interval	= 2 min	Hyd. volume	= 12,220 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out - SSDEDB #14 In	Reservoir name	= SSDEDB #14
Max. Elevation	= 399.90 ft	Max. Storage	= 1,177 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.20	0.006	398.83	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.40	0.007	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.60	0.007	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.80	0.008	398.84	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.00	0.008	398.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.20	0.009	398.85	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.40	0.011	398.85	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.60	0.012	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
8.80	0.013	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.00	0.015	398.87	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.20	0.016	398.87	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
9.40	0.016	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
9.60	0.017	398.88	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
9.80	0.020	398.89	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.00	0.023	398.89	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
10.20	0.027	398.90	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.40	0.032	398.91	0.023	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
10.60	0.039	398.92	0.027	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
10.80	0.049	398.93	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.00	0.060	398.95	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.20	0.079	398.97	0.050	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
11.40	0.101	399.01	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
11.60	0.192	399.05	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
11.80	0.615	399.31	0.140	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
12.00	1.004	399.80	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
12.20	0.260	399.89	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
12.40	0.227	399.90	0.226	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
12.60	0.197	399.89	0.226	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
12.80	0.189	399.88	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
13.00	0.181	399.86	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
13.20	0.175	399.85	0.220	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
13.40	0.171	399.83	0.214	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
13.60	0.167	399.81	0.213	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
13.80	0.164	399.79	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
14.00	0.160	399.77	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
14.20	0.159	399.75	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
14.40	0.157	399.72	0.208	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
14.60	0.156	399.70	0.200	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
14.80	0.155	399.68	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
15.00	0.154	399.66	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
15.20	0.152	399.64	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
15.40	0.151	399.63	0.195	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
15.60	0.149	399.61	0.188	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
15.80	0.148	399.59	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
16.00	0.146	399.57	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
16.20	0.145	399.56	0.182	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
16.40	0.145	399.54	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
16.60	0.144	399.53	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.80	0.143	399.51	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
17.00	0.142	399.50	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
17.20	0.141	399.49	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
17.40	0.141	399.47	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
17.60	0.140	399.46	0.169	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
17.80	0.139	399.44	0.161	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
18.00	0.138	399.42	0.160	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
18.20	0.137	399.40	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
18.40	0.136	399.39	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
18.60	0.136	399.37	0.151	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
18.80	0.135	399.36	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
19.00	0.134	399.35	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.20	0.133	399.34	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
19.40	0.132	399.33	0.147	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
19.60	0.131	399.32	0.144	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
19.80	0.130	399.31	0.141	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.00	0.129	399.30	0.139	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.20	0.129	399.30	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
20.40	0.128	399.29	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
20.60	0.127	399.28	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
20.80	0.127	399.28	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
21.00	0.126	399.27	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
21.20	0.126	399.27	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
21.40	0.125	399.26	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
21.60	0.124	399.26	0.135	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
21.80	0.124	399.26	0.133	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
22.00	0.123	399.25	0.132	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
22.20	0.123	399.25	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.40	0.122	399.24	0.129	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.60	0.121	399.24	0.128	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
22.80	0.121	399.24	0.127	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.00	0.120	399.23	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
23.20	0.120	399.23	0.125	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
23.40	0.119	399.22	0.124	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
23.60	0.119	399.22	0.123	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
23.80	0.118	399.22	0.122	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
24.00	0.117	399.22	0.122	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
24.20	0.107	399.21	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
24.40	0.106	399.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
24.60	0.105	399.19	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
24.80	0.104	399.18	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
25.00	0.103	399.17	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
25.20	0.103	399.16	0.116	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
25.40	0.102	399.16	0.114	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
25.60	0.101	399.15	0.113	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
25.80	0.100	399.15	0.111	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
26.00	0.099	399.14	0.110	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
26.20	0.098	399.14	0.108	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
26.40	0.098	399.13	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
26.60	0.097	399.13	0.106	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
26.80	0.096	399.12	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
27.00	0.095	399.12	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
27.20	0.094	399.11	0.102	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
27.40	0.093	399.11	0.101	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
27.60	0.092	399.11	0.100	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
27.80	0.091	399.10	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.00	0.090	399.10	0.098	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
28.20	0.089	399.09	0.097	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
28.40	0.088	399.09	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
28.60	0.088	399.09	0.095	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
28.80	0.087	399.08	0.094	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
29.00	0.086	399.08	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
29.20	0.085	399.07	0.092	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
29.40	0.084	399.07	0.091	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
29.60	0.083	399.07	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
29.80	0.082	399.06	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
30.00	0.082	399.06	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
30.20	0.081	399.06	0.086	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
30.40	0.080	399.05	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
30.60	0.079	399.05	0.084	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
30.80	0.078	399.05	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
31.00	0.077	399.05	0.082	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
31.20	0.076	399.04	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
31.40	0.074	399.04	0.079	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
31.60	0.073	399.04	0.077	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
31.80	0.071	399.03	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
32.00	0.070	399.03	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
32.20	0.069	399.02	0.072	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
32.40	0.067	399.02	0.071	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
32.60	0.066	399.02	0.070	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
32.80	0.065	399.01	0.068	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
33.00	0.064	399.01	0.067	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
33.20	0.062	399.01	0.066	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
33.40	0.061	399.01	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.60	0.060	399.00	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
33.80	0.059	399.00	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
34.00	0.058	399.00	0.061	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
34.20	0.057	399.00	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
34.40	0.056	398.99	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
34.60	0.055	398.99	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
34.80	0.054	398.99	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
35.00	0.053	398.99	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
35.20	0.052	398.98	0.054	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.40	0.051	398.98	0.053	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
35.60	0.050	398.98	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
35.80	0.048	398.98	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
36.00	0.047	398.98	0.050	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
36.20	0.046	398.97	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
36.40	0.045	398.97	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
36.60	0.044	398.97	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.80	0.044	398.97	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
37.00	0.043	398.96	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.20	0.042	398.96	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
37.40	0.041	398.96	0.043	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
37.60	0.040	398.96	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
37.80	0.039	398.96	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
38.00	0.038	398.95	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
38.20	0.037	398.95	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
38.40	0.036	398.95	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.60	0.034	398.95	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.80	0.033	398.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.00	0.032	398.94	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.20	0.031	398.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
39.40	0.030	398.94	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
39.60	0.029	398.94	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
39.80	0.028	398.93	0.032	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
40.00	0.027	398.93	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.20	0.026	398.93	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.40	0.025	398.93	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.60	0.024	398.92	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
40.80	0.023	398.92	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
41.00	0.022	398.92	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
41.20	0.021	398.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
41.40	0.020	398.91	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.60	0.019	398.91	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.80	0.018	398.91	0.023	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.00	0.017	398.90	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
42.20	0.016	398.90	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
42.40	0.016	398.90	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.60	0.015	398.90	0.019	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.80	0.014	398.90	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.00	0.013	398.89	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.20	0.012	398.89	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.40	0.012	398.89	0.016	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.60	0.011	398.88	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.80	0.010	398.88	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.00	0.010	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.20	0.009	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.40	0.008	398.88	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
44.60	0.008	398.87	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.80	0.007	398.87	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.00	0.007	398.87	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
45.20	0.007	398.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
45.40	0.006	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
45.60	0.006	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
45.80	0.006	398.86	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.007
46.00	0.005	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
46.20	0.005	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
46.40	0.005	398.86	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
46.60	0.005	398.85	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
46.80	0.004	398.85	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
47.00	0.004	398.85	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
47.20	0.004	398.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
47.40	0.004	398.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
47.60	0.003	398.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
47.80	0.003	398.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.00	0.003	398.84	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.20	0.003	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.40	0.003	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.60	0.002	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.80	0.002	398.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.00	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.20	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.40	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.60	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.80	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.00	0.002	398.83	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.20	0.002	398.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.40	0.002	398.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.036 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.20 hrs
Time interval	= 2 min	Hyd. volume	= 3,047 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Reservoir name	= SSDEDB #15
Max. Elevation	= 399.86 ft	Max. Storage	= 1,926 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.60	0.006	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.80	0.007	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.00	0.008	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.010	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.40	0.010	398.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.011	398.02	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.013	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.00	0.016	398.04	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.20	0.018	398.05	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.40	0.022	398.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.60	0.026	398.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.80	0.032	398.11	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.00	0.039	398.14	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.20	0.050	398.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.40	0.066	398.24	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.60	0.117	398.32	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
11.80	0.505	398.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
12.00	1.308	399.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.20	0.218	399.57	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.40	0.155	399.65	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.60	0.107	399.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
12.80	0.090	399.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.00	0.078	399.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.20	0.069	399.79	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.40	0.063	399.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.60	0.056	399.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.80	0.052	399.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.00	0.047	399.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.20	0.044	399.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.40	0.042	399.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.60	0.040	399.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.80	0.039	399.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
15.00	0.037	399.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
15.20	0.036	399.86 <<	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
<<												
15.40	0.034	399.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
15.60	0.032	399.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
15.80	0.031	399.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.00	0.029	399.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.20	0.028	399.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.40	0.027	399.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.60	0.027	399.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.80	0.026	399.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.00	0.025	399.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.20	0.025	399.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.40	0.024	399.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.60	0.024	399.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.80	0.023	399.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.00	0.022	399.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.20	0.022	399.79	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.40	0.021	399.78	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.60	0.021	399.78	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.80	0.020	399.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.00	0.019	399.76	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.20	0.019	399.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
19.40	0.018	399.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
19.60	0.018	399.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
19.80	0.017	399.72	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.00	0.016	399.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.20	0.016	399.70	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.40	0.016	399.69	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.60	0.016	399.68	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.80	0.016	399.67	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.00	0.016	399.66	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.20	0.015	399.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
21.40	0.015	399.64	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
21.60	0.015	399.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
21.80	0.015	399.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
22.00	0.015	399.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
22.20	0.015	399.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
22.40	0.015	399.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
22.60	0.015	399.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
22.80	0.015	399.57	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.00	0.014	399.56	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.20	0.014	399.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.40	0.014	399.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.60	0.014	399.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.80	0.014	399.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.00	0.014	399.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.20	0.001	399.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.40	0.000	399.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.60	0.000	399.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
24.80	0.000	399.44	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
25.00	0.000	399.42	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
25.20	0.000	399.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
25.40	0.000	399.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
25.60	0.000	399.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
25.80	0.000	399.35	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
26.00	0.000	399.33	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
26.20	0.000	399.32	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
26.40	0.000	399.30	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
26.60	0.000	399.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
26.80	0.000	399.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.00	0.000	399.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.20	0.000	399.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.40	0.000	399.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
27.60	0.000	399.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
27.80	0.000	399.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.00	0.000	399.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.20	0.000	399.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.40	0.000	399.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.60	0.000	399.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
28.80	0.000	399.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
29.00	0.000	399.09	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.20	0.000	399.08	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
29.40	0.000	399.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
29.60	0.000	399.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
29.80	0.000	399.03	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.00	0.000	399.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.20	0.000	399.00	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.40	0.000	398.99	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.60	0.000	398.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
30.80	0.000	398.96	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.00	0.000	398.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.20	0.000	398.93	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.40	0.000	398.91	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.60	0.000	398.90	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.80	0.000	398.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.00	0.000	398.86	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.20	0.000	398.85	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.40	0.000	398.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
32.60	0.000	398.82	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
32.80	0.000	398.80	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.00	0.000	398.79	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.20	0.000	398.77	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.40	0.000	398.76	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
33.60	0.000	398.74	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
33.80	0.000	398.73	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
34.00	0.000	398.72	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
34.20	0.000	398.70	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
34.40	0.000	398.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
34.60	0.000	398.67	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.80	0.000	398.66	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
35.00	0.000	398.65	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
35.20	0.000	398.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
35.40	0.000	398.62	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
35.60	0.000	398.60	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
35.80	0.000	398.58	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
36.00	0.000	398.55	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
36.20	0.000	398.53	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
36.40	0.000	398.51	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
36.60	0.000	398.48	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
36.80	0.000	398.46	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
37.00	0.000	398.44	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
37.20	0.000	398.42	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
37.40	0.000	398.40	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
37.60	0.000	398.38	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
37.80	0.000	398.36	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
38.00	0.000	398.34	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
38.20	0.000	398.33	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
38.40	0.000	398.31	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
38.60	0.000	398.29	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.80	0.000	398.27	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
39.00	0.000	398.26	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.20	0.000	398.24	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.40	0.000	398.23	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.60	0.000	398.21	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
39.80	0.000	398.20	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.00	0.000	398.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
40.20	0.000	398.17	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.40	0.000	398.16	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
40.60	0.000	398.14	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
40.80	0.000	398.13	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
41.00	0.000	398.12	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
41.20	0.000	398.11	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
41.40	0.000	398.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
41.60	0.000	398.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
41.80	0.000	398.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
42.00	0.000	398.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
42.20	0.000	398.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
42.40	0.000	398.05	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
42.60	0.000	398.05	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
42.80	0.000	398.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
43.00	0.000	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
43.20	0.000	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
43.40	0.000	398.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
43.60	0.000	398.02	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
43.80	0.000	398.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
44.00	0.000	398.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
44.20	0.000	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
44.40	0.000	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
44.60	0.000	398.00	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.80	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.00	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.20	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.40	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
45.60	0.000	397.99	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.80	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.00	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.20	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.40	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.60	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.80	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.064 cfs
Storm frequency	= 1 yrs	Time to peak	= 14.93 hrs
Time interval	= 2 min	Hyd. volume	= 5,511 cuft
Inflow hyd. No.	= 50 - SSDEDB #15 Out - SSDEDB #16 In	Reservoir name	= SSDEDB #16
Max. Elevation	= 394.27 ft	Max. Storage	= 1,585 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.60	0.005	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.80	0.005	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.00	0.006	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.20	0.007	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.008	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.010	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.80	0.011	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.013	393.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.015	393.06	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.40	0.016	393.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.60	0.018	393.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.80	0.020	393.09	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.00	0.023	393.10	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.20	0.027	393.11	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.40	0.031	393.12	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.60	0.035	393.14	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
10.80	0.042	393.16	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
11.00	0.049	393.18	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
11.20	0.061	393.21	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.40	0.077	393.25	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.60	0.156	393.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.80	0.554	393.56	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
12.00	0.939	394.02	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
12.20	0.181	394.14	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
12.40	0.143	394.18	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
12.60	0.110	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
12.80	0.101	394.22	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
13.00	0.092	394.23	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.20	0.086	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.40	0.081	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.60	0.077	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.80	0.073	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.00	0.070	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.20	0.068	394.27	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.40	0.067	394.27	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.60	0.066	394.27	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
14.80	0.064	394.27	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.00	0.063	394.27	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.20	0.062	394.27	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.40	0.061	394.27	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
15.60	0.059	394.27	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
15.80	0.058	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
16.00	0.057	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
16.20	0.056	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
16.40	0.056	394.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
16.60	0.055	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
16.80	0.055	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.00	0.054	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.20	0.054	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.40	0.053	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.60	0.053	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.80	0.052	394.23	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.00	0.052	394.23	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
18.20	0.051	394.22	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
18.40	0.050	394.22	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
18.60	0.050	394.21	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
18.80	0.049	394.21	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.00	0.049	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.20	0.048	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.40	0.048	394.19	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.60	0.047	394.19	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
19.80	0.047	394.18	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.00	0.046	394.18	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.20	0.046	394.17	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.40	0.046	394.16	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.60	0.045	394.16	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.80	0.045	394.15	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.00	0.045	394.15	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.20	0.045	394.14	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.40	0.045	394.13	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.60	0.044	394.13	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.80	0.044	394.12	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
22.00	0.044	394.12	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.20	0.044	394.11	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.40	0.044	394.10	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.60	0.044	394.10	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.80	0.043	394.09	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.00	0.043	394.09	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.20	0.043	394.08	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.40	0.043	394.07	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.60	0.043	394.07	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.80	0.042	394.06	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.00	0.042	394.06	0.061	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.20	0.032	394.05	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.40	0.032	394.04	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.60	0.031	394.03	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.80	0.031	394.02	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.00	0.031	394.01	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.20	0.031	394.00	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.40	0.031	393.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.60	0.030	393.97	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
25.80	0.030	393.96	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.00	0.030	393.95	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.20	0.030	393.94	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.40	0.030	393.93	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.60	0.029	393.92	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.80	0.029	393.91	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.00	0.029	393.90	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.20	0.029	393.89	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.40	0.029	393.88	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.60	0.028	393.87	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.80	0.028	393.86	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.00	0.028	393.85	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.20	0.028	393.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.40	0.028	393.82	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.60	0.028	393.81	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.80	0.027	393.80	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
29.00	0.027	393.79	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.20	0.027	393.78	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.40	0.027	393.77	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.60	0.027	393.76	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.80	0.026	393.76	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.00	0.026	393.75	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.20	0.026	393.74	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.40	0.026	393.73	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.60	0.026	393.72	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.80	0.025	393.71	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.00	0.025	393.70	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.20	0.025	393.69	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.40	0.025	393.68	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.60	0.025	393.67	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.80	0.024	393.66	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.00	0.024	393.64	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.20	0.024	393.62	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.40	0.024	393.61	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
32.60	0.023	393.59	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
32.80	0.023	393.58	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.00	0.023	393.56	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.20	0.023	393.55	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
33.40	0.023	393.53	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
33.60	0.022	393.52	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
33.80	0.022	393.50	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.00	0.022	393.49	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.20	0.022	393.48	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
34.40	0.022	393.46	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
34.60	0.021	393.45	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
34.80	0.021	393.44	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
35.00	0.021	393.43	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
35.20	0.021	393.42	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
35.40	0.020	393.40	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
35.60	0.020	393.39	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.80	0.020	393.38	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.00	0.019	393.37	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.20	0.019	393.36	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
36.40	0.019	393.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
36.60	0.018	393.34	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.80	0.018	393.33	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
37.00	0.017	393.32	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.20	0.017	393.31	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.40	0.017	393.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
37.60	0.016	393.29	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
37.80	0.016	393.28	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
38.00	0.015	393.27	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.20	0.015	393.26	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.40	0.015	393.25	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
38.60	0.014	393.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
38.80	0.014	393.23	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.00	0.013	393.22	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.20	0.013	393.22	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.40	0.013	393.21	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.60	0.012	393.20	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.80	0.012	393.19	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.00	0.011	393.18	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
40.20	0.011	393.18	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
40.40	0.011	393.17	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.60	0.010	393.16	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
40.80	0.010	393.15	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.00	0.009	393.15	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.20	0.009	393.14	0.018	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
41.40	0.009	393.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
41.60	0.008	393.13	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.80	0.008	393.12	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.00	0.007	393.12	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.20	0.007	393.11	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.40	0.006	393.11	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.60	0.006	393.10	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.80	0.006	393.10	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.00	0.005	393.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
43.20	0.005	393.09	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
43.40	0.004	393.08	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
43.60	0.004	393.08	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
43.80	0.004	393.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.00	0.003	393.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
44.20	0.003	393.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
44.40	0.003	393.07	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.60	0.002	393.07	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.80	0.002	393.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.00	0.002	393.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.20	0.002	393.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.40	0.002	393.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.60	0.001	393.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.80	0.001	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
46.00	0.001	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
46.20	0.001	393.05	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.40	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.60	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.80	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.00	0.000	393.04	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.20	0.000	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.40	0.000	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.60	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.80	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.00	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.20	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.40	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.60	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.80	0.000	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.00	0.000	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.20	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.40	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.60	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.80	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.00	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.314 cfs
Storm frequency	= 1 yrs	Time to peak	= 12.67 hrs
Time interval	= 2 min	Hyd. volume	= 11,975 cuft
Inflow hyd. No.	= 53 - SSDEDB #16 Out - SSDEDB #17 In	Reservoir name	= SSDEDB #17
Max. Elevation	= 394.16 ft	Max. Storage	= 2,902 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.80	0.015	392.19	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
10.00	0.020	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.20	0.025	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.40	0.032	392.23	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.60	0.040	392.25	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.80	0.051	392.27	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.00	0.064	392.29	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
11.20	0.083	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
11.40	0.112	392.35	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
11.60	0.179	392.41	0.086	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
11.80	0.752	392.66	0.143	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
12.00	2.539 <<	393.35	0.235	0.235	-----	-----	-----	-----	-----	-----	-----	0.235
12.20	0.994	394.01	0.312	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
12.40	0.446	394.13	0.312	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
12.60	0.335	394.16	0.314	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
12.80	0.281	394.15	0.314	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
13.00	0.254	394.13	0.313	0.312	-----	-----	-----	-----	-----	-----	-----	0.312
13.20	0.231	394.11	0.312	0.310	-----	-----	-----	-----	-----	-----	-----	0.310
13.40	0.216	394.07	0.312	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
13.60	0.201	394.03	0.312	0.303	-----	-----	-----	-----	-----	-----	-----	0.303

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.80	0.189	393.99	0.312	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
14.00	0.178	393.94	0.295	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
14.20	0.170	393.89	0.291	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
14.40	0.166	393.84	0.291	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
14.60	0.162	393.79	0.291	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
14.80	0.158	393.75	0.289	0.277	-----	-----	-----	-----	-----	-----	-----	0.277
15.00	0.154	393.70	0.272	0.272	-----	-----	-----	-----	-----	-----	-----	0.272
15.20	0.151	393.65	0.271	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
15.40	0.147	393.61	0.271	0.263	-----	-----	-----	-----	-----	-----	-----	0.263
15.60	0.143	393.56	0.271	0.258	-----	-----	-----	-----	-----	-----	-----	0.258
15.80	0.139	393.51	0.253	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
16.00	0.135	393.47	0.251	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
16.20	0.132	393.42	0.251	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
16.40	0.130	393.38	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
16.60	0.129	393.34	0.235	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
16.80	0.127	393.30	0.233	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
17.00	0.126	393.26	0.233	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
17.20	0.124	393.22	0.220	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
17.40	0.123	393.18	0.216	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
17.60	0.121	393.14	0.216	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
17.80	0.120	393.10	0.211	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
18.00	0.118	393.07	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
18.20	0.117	393.03	0.199	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
18.40	0.115	392.99	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
18.60	0.113	392.96	0.190	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
18.80	0.112	392.93	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
19.00	0.110	392.90	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
19.20	0.109	392.87	0.178	0.173	-----	-----	-----	-----	-----	-----	-----	0.173

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.40	0.107	392.84	0.170	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
19.60	0.105	392.80	0.169	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
19.80	0.104	392.76	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
20.00	0.102	392.71	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
20.20	0.101	392.68	0.144	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
20.40	0.100	392.64	0.140	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
20.60	0.100	392.61	0.132	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
20.80	0.099	392.59	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.00	0.099	392.57	0.125	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
21.20	0.099	392.55	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
21.40	0.098	392.53	0.119	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
21.60	0.098	392.52	0.119	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.80	0.097	392.51	0.116	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
22.00	0.097	392.50	0.112	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
22.20	0.096	392.49	0.110	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
22.40	0.096	392.48	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
22.60	0.095	392.47	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
22.80	0.095	392.47	0.103	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
23.00	0.094	392.46	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
23.20	0.094	392.46	0.100	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
23.40	0.094	392.45	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
23.60	0.093	392.45	0.098	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
23.80	0.093	392.45	0.097	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
24.00	0.092	392.44	0.096	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
24.20	0.066	392.43	0.093	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
24.40	0.057	392.41	0.086	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
24.60	0.057	392.38	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
24.80	0.056	392.37	0.073	0.072	-----	-----	-----	-----	-----	-----	-----	0.072

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.00	0.056	392.36	0.068	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
25.20	0.056	392.35	0.065	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
25.40	0.056	392.35	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
25.60	0.055	392.34	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
25.80	0.055	392.34	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
26.00	0.054	392.34	0.058	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.20	0.054	392.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.40	0.054	392.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.60	0.053	392.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.80	0.053	392.33	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.00	0.053	392.33	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.20	0.052	392.33	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.40	0.052	392.33	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.60	0.052	392.33	0.053	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.80	0.051	392.33	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.00	0.051	392.33	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.20	0.051	392.33	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.40	0.050	392.33	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.60	0.050	392.33	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.80	0.050	392.33	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
29.00	0.049	392.32	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
29.20	0.049	392.32	0.050	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
29.40	0.049	392.32	0.050	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.60	0.048	392.32	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.80	0.048	392.32	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
30.00	0.048	392.32	0.049	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.20	0.047	392.32	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.40	0.047	392.32	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.60	0.047	392.32	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.80	0.046	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.00	0.046	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.20	0.046	392.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.40	0.045	392.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.60	0.045	392.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.80	0.044	392.31	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.00	0.044	392.31	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.20	0.043	392.31	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.40	0.042	392.31	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.60	0.042	392.31	0.043	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.80	0.041	392.31	0.043	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.00	0.041	392.31	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.20	0.040	392.31	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.40	0.039	392.30	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.60	0.039	392.30	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
33.80	0.038	392.30	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.00	0.038	392.30	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
34.20	0.037	392.30	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
34.40	0.036	392.30	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.60	0.036	392.30	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
34.80	0.035	392.30	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
35.00	0.035	392.29	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
35.20	0.034	392.29	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
35.40	0.034	392.29	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
35.60	0.033	392.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
35.80	0.032	392.29	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
36.00	0.032	392.29	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.20	0.031	392.29	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
36.40	0.031	392.28	0.032	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.60	0.030	392.28	0.032	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
36.80	0.030	392.28	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.00	0.029	392.28	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
37.20	0.029	392.28	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
37.40	0.028	392.28	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
37.60	0.027	392.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.80	0.027	392.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.00	0.026	392.27	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
38.20	0.026	392.27	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
38.40	0.025	392.27	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
38.60	0.025	392.27	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.80	0.024	392.27	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
39.00	0.023	392.27	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.20	0.023	392.27	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.40	0.022	392.26	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.60	0.022	392.26	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.80	0.021	392.26	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
40.00	0.020	392.26	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.20	0.020	392.26	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.40	0.019	392.26	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.60	0.018	392.25	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
40.80	0.018	392.25	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.00	0.017	392.25	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
41.20	0.016	392.25	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.018
41.40	0.016	392.25	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.60	0.015	392.25	0.019	0.017	-----	-----	-----	-----	-----	-----	-----	0.017

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.80	0.014	392.24	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.00	0.014	392.24	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.20	0.013	392.24	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.40	0.012	392.24	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.60	0.012	392.23	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
42.80	0.011	392.23	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.00	0.010	392.23	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.20	0.009	392.23	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
43.40	0.009	392.23	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.60	0.008	392.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.80	0.008	392.22	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
44.00	0.007	392.22	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
44.20	0.007	392.22	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
44.40	0.006	392.22	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.008
44.60	0.006	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.80	0.005	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
45.00	0.005	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.20	0.005	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.40	0.004	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.60	0.004	392.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
45.80	0.004	392.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
46.00	0.004	392.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
46.20	0.003	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.40	0.003	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.60	0.003	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.80	0.003	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.00	0.002	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.20	0.002	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.40	0.002	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.60	0.002	392.19	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.03 hrs
Time interval	= 2 min	Hyd. volume	= 4,469 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Reservoir name	= SSDEDB #18
Max. Elevation	= 388.93 ft	Max. Storage	= 2,771 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.010	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.20	0.012	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.013	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.014	387.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.017	387.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.00	0.020	387.08	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.20	0.024	387.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.40	0.029	387.10	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.60	0.035	387.12	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.80	0.043	387.15	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.00	0.053	387.17	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.20	0.068	387.21	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.40	0.092	387.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.60	0.165	387.34	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.80	0.726	387.66	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.00	1.929	388.25	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
12.20	0.325	388.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
12.40	0.231	388.72	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
12.60	0.160	388.78	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
12.80	0.135	388.82	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.117	388.85	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
13.20	0.103	388.87	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
13.40	0.094	388.89	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
13.60	0.084	388.90	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
13.80	0.077	388.91	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
14.00	0.070	388.92	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
14.20	0.065	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
14.40	0.063	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
14.60	0.061	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
14.80	0.058	388.93	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
15.00	0.056	388.93	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
15.20	0.053	388.93	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
15.40	0.051	388.93	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
15.60	0.048	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
15.80	0.046	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
16.00	0.043	388.92	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
16.20	0.042	388.92	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
16.40	0.041	388.91	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
16.60	0.040	388.91	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
16.80	0.039	388.90	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.00	0.038	388.89	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.20	0.037	388.89	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.40	0.036	388.88	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.60	0.036	388.87	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
17.80	0.035	388.86	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
18.00	0.034	388.85	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
18.20	0.033	388.85	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
18.40	0.032	388.84	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.031	388.83	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
18.80	0.030	388.82	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
19.00	0.029	388.81	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
19.20	0.028	388.80	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.40	0.028	388.79	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.60	0.027	388.78	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.80	0.026	388.77	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.00	0.025	388.76	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.20	0.024	388.74	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.40	0.024	388.73	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
20.60	0.024	388.72	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
20.80	0.024	388.71	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
21.00	0.024	388.70	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
21.20	0.023	388.69	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
21.40	0.023	388.67	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
21.60	0.023	388.66	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
21.80	0.023	388.65	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
22.00	0.023	388.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
22.20	0.022	388.63	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
22.40	0.022	388.62	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
22.60	0.022	388.61	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
22.80	0.022	388.59	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
23.00	0.022	388.58	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
23.20	0.022	388.57	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
23.40	0.021	388.56	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
23.60	0.021	388.55	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
23.80	0.021	388.54	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
24.00	0.021	388.53	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.001	388.51	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
24.40	0.000	388.49	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
24.60	0.000	388.47	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
24.80	0.000	388.45	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
25.00	0.000	388.43	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
25.20	0.000	388.42	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
25.40	0.000	388.40	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
25.60	0.000	388.38	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
25.80	0.000	388.36	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
26.00	0.000	388.34	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
26.20	0.000	388.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
26.40	0.000	388.30	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
26.60	0.000	388.29	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
26.80	0.000	388.27	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
27.00	0.000	388.25	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
27.20	0.000	388.23	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
27.40	0.000	388.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
27.60	0.000	388.20	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
27.80	0.000	388.18	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
28.00	0.000	388.17	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
28.20	0.000	388.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
28.40	0.000	388.13	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
28.60	0.000	388.12	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
28.80	0.000	388.10	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
29.00	0.000	388.08	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
29.20	0.000	388.07	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
29.40	0.000	388.05	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.60	0.000	388.04	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.000	388.02	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
30.00	0.000	388.00	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.20	0.000	387.99	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.40	0.000	387.97	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.60	0.000	387.95	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
30.80	0.000	387.94	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
31.00	0.000	387.92	0.039	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
31.20	0.000	387.90	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
31.40	0.000	387.89	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
31.60	0.000	387.87	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
31.80	0.000	387.85	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
32.00	0.000	387.84	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
32.20	0.000	387.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
32.40	0.000	387.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
32.60	0.000	387.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
32.80	0.000	387.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.00	0.000	387.76	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
33.20	0.000	387.74	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.40	0.000	387.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.60	0.000	387.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
33.80	0.000	387.70	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
34.00	0.000	387.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
34.20	0.000	387.67	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
34.40	0.000	387.65	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
34.60	0.000	387.62	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.80	0.000	387.59	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.00	0.000	387.57	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
35.20	0.000	387.54	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.000	387.52	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
35.60	0.000	387.50	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
35.80	0.000	387.48	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
36.00	0.000	387.45	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.20	0.000	387.43	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.40	0.000	387.41	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.60	0.000	387.39	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.80	0.000	387.37	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
37.00	0.000	387.35	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.20	0.000	387.33	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.40	0.000	387.32	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.60	0.000	387.30	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
37.80	0.000	387.28	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
38.00	0.000	387.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
38.20	0.000	387.25	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
38.40	0.000	387.23	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
38.60	0.000	387.22	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
38.80	0.000	387.21	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
39.00	0.000	387.19	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
39.20	0.000	387.18	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
39.40	0.000	387.17	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
39.60	0.000	387.16	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.80	0.000	387.15	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.00	0.000	387.13	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.20	0.000	387.13	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
40.40	0.000	387.12	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
40.60	0.000	387.11	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
40.80	0.000	387.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.000	387.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
41.20	0.000	387.09	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
41.40	0.000	387.08	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
41.60	0.000	387.07	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
41.80	0.000	387.07	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
42.00	0.000	387.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
42.20	0.000	387.06	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
42.40	0.000	387.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
42.60	0.000	387.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
42.80	0.000	387.05	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.00	0.000	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.20	0.000	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.40	0.000	387.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
43.60	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
43.80	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.00	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.20	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.40	0.000	387.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
44.60	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
44.80	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.00	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.20	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.40	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.60	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
45.80	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.00	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.20	0.000	387.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
46.40	0.000	387.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.000	387.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.141 cfs
Storm frequency	= 1 yrs	Time to peak	= 16.33 hrs
Time interval	= 2 min	Hyd. volume	= 13,681 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out - SSDEDB #19 In	Reservoir name	= SSDEDB #19
Max. Elevation	= 387.45 ft	Max. Storage	= 6,219 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.020	385.53	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.20	0.025	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.028	385.54	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.032	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.80	0.038	385.56	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.045	385.58	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.20	0.054	385.59	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.40	0.065	385.61	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
10.60	0.078	385.63	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.80	0.095	385.65	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.00	0.115	385.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
11.20	0.143	385.72	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
11.40	0.188	385.76	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
11.60	0.279	385.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
11.80	1.014	386.02	0.070	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
12.00	3.193	386.49	0.098	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.20	1.811	386.97	0.123	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
12.40	0.587	387.13	0.130	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
12.60	0.436	387.20	0.131	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
12.80	0.348	387.25	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.310	387.29	0.138	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
13.20	0.278	387.31	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
13.40	0.256	387.34	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
13.60	0.236	387.36	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
13.80	0.220	387.38	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
14.00	0.206	387.39	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
14.20	0.193	387.40	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
14.40	0.187	387.41	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
14.60	0.182	387.42	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
14.80	0.177	387.43	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
15.00	0.172	387.43	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
15.20	0.167	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
15.40	0.162	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
15.60	0.157	387.45	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
15.80	0.152	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.00	0.147	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.20	0.142	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.40	0.140	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.60	0.138	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
16.80	0.136	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
17.00	0.134	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
17.20	0.132	387.45	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
17.40	0.131	387.45	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
17.60	0.129	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
17.80	0.127	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
18.00	0.125	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
18.20	0.123	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
18.40	0.121	387.43	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.119	387.43	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
18.80	0.117	387.42	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
19.00	0.115	387.42	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
19.20	0.113	387.42	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
19.40	0.111	387.41	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
19.60	0.109	387.40	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
19.80	0.107	387.40	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.00	0.104	387.39	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.20	0.103	387.39	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.40	0.102	387.38	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.60	0.101	387.37	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.80	0.101	387.37	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
21.00	0.100	387.36	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
21.20	0.100	387.35	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
21.40	0.099	387.35	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
21.60	0.099	387.34	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
21.80	0.098	387.33	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
22.00	0.098	387.33	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
22.20	0.097	387.32	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
22.40	0.097	387.31	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
22.60	0.096	387.30	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
22.80	0.096	387.30	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
23.00	0.095	387.29	0.140	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
23.20	0.094	387.28	0.138	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
23.40	0.094	387.28	0.136	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
23.60	0.093	387.27	0.134	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
23.80	0.093	387.26	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
24.00	0.092	387.25	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.066	387.24	0.132	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
24.40	0.048	387.23	0.132	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
24.60	0.048	387.21	0.131	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
24.80	0.048	387.20	0.131	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
25.00	0.047	387.18	0.130	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
25.20	0.047	387.17	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
25.40	0.047	387.15	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
25.60	0.046	387.14	0.130	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
25.80	0.046	387.12	0.130	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
26.00	0.046	387.11	0.130	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
26.20	0.046	387.10	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
26.40	0.045	387.08	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
26.60	0.045	387.07	0.130	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
26.80	0.045	387.05	0.130	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
27.00	0.044	387.04	0.130	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
27.20	0.044	387.02	0.130	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
27.40	0.044	387.01	0.130	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
27.60	0.043	386.99	0.129	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
27.80	0.043	386.98	0.125	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
28.00	0.043	386.97	0.121	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
28.20	0.042	386.95	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
28.40	0.042	386.94	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
28.60	0.042	386.92	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
28.80	0.041	386.91	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
29.00	0.041	386.90	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
29.20	0.041	386.88	0.119	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
29.40	0.040	386.87	0.119	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
29.60	0.040	386.86	0.119	0.116	-----	-----	-----	-----	-----	-----	-----	0.116

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.040	386.84	0.119	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
30.00	0.039	386.83	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
30.20	0.039	386.81	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
30.40	0.039	386.80	0.119	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
30.60	0.038	386.79	0.119	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
30.80	0.038	386.78	0.119	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
31.00	0.037	386.76	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
31.20	0.037	386.75	0.114	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
31.40	0.037	386.74	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
31.60	0.036	386.72	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
31.80	0.036	386.71	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
32.00	0.036	386.70	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
32.20	0.035	386.68	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
32.40	0.035	386.67	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
32.60	0.034	386.66	0.108	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
32.80	0.034	386.65	0.108	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
33.00	0.034	386.63	0.108	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
33.20	0.033	386.62	0.108	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
33.40	0.033	386.61	0.108	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
33.60	0.033	386.60	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
33.80	0.032	386.58	0.108	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
34.00	0.032	386.57	0.108	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
34.20	0.032	386.56	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
34.40	0.031	386.55	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
34.60	0.030	386.53	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
34.80	0.030	386.52	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
35.00	0.029	386.51	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
35.20	0.028	386.50	0.098	0.098	-----	-----	-----	-----	-----	-----	-----	0.098

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.027	386.48	0.098	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
35.60	0.027	386.47	0.098	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
35.80	0.026	386.45	0.098	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
36.00	0.025	386.44	0.098	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
36.20	0.025	386.43	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
36.40	0.024	386.41	0.098	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
36.60	0.023	386.40	0.098	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
36.80	0.023	386.38	0.094	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
37.00	0.022	386.37	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
37.20	0.021	386.36	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
37.40	0.021	386.34	0.089	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
37.60	0.020	386.33	0.089	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
37.80	0.019	386.31	0.089	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
38.00	0.019	386.30	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
38.20	0.018	386.29	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
38.40	0.017	386.27	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
38.60	0.017	386.26	0.087	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
38.80	0.016	386.25	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
39.00	0.015	386.23	0.082	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
39.20	0.015	386.22	0.081	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
39.40	0.014	386.21	0.081	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
39.60	0.013	386.19	0.080	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
39.80	0.012	386.18	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
40.00	0.012	386.16	0.080	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
40.20	0.011	386.14	0.080	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
40.40	0.010	386.11	0.076	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
40.60	0.010	386.09	0.073	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
40.80	0.009	386.07	0.072	0.071	-----	-----	-----	-----	-----	-----	-----	0.071

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.008	386.04	0.072	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
41.20	0.007	386.02	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
41.40	0.007	386.00	0.066	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
41.60	0.006	385.97	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
41.80	0.005	385.95	0.065	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
42.00	0.005	385.93	0.064	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
42.20	0.004	385.91	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
42.40	0.004	385.89	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
42.60	0.004	385.87	0.058	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
42.80	0.003	385.85	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.00	0.003	385.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.20	0.003	385.81	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
43.40	0.003	385.79	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
43.60	0.002	385.78	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
43.80	0.002	385.76	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
44.00	0.002	385.75	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
44.20	0.002	385.73	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.40	0.002	385.72	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
44.60	0.001	385.70	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
44.80	0.001	385.69	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
45.00	0.001	385.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.20	0.001	385.67	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
45.40	0.001	385.65	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
45.60	0.001	385.65	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
45.80	0.001	385.64	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.00	0.001	385.63	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
46.20	0.001	385.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
46.40	0.001	385.61	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.001	385.61	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
46.80	0.000	385.60	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.00	0.000	385.60	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
47.20	0.000	385.59	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
47.40	0.000	385.59	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
47.60	0.000	385.58	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
47.80	0.000	385.58	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
48.00	0.000	385.57	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
48.20	0.000	385.57	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
48.40	0.000	385.57	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.60	0.000	385.57	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
48.80	0.000	385.56	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.00	0.000	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.20	0.000	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.40	0.000	385.56	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.60	0.000	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
49.80	0.000	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.00	0.000	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.20	0.000	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.40	0.000	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.60	0.000	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.80	0.000	385.54	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.00	0.000	385.54	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.20	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.40	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.60	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.80	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.00	0.000	385.54	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.000	385.54	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.40	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.60	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.80	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.00	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.20	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.40	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.60	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.80	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.00	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.20	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.40	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.60	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.80	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.00	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.20	0.000	385.53	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.40	0.000	385.52	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.60	0.000	385.52	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.092 cfs
Storm frequency	= 1 yrs	Time to peak	= 13.47 hrs
Time interval	= 2 min	Hyd. volume	= 3,051 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Reservoir name	= SSDEDB #21
Max. Elevation	= 471.90 ft	Max. Storage	= 1,071 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	0.889	471.28	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
12.20	0.466	471.74	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
12.40	0.215	471.82	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
12.60	0.157	471.86	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
12.80	0.129	471.88	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
13.00	0.115	471.89	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
13.20	0.102	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
13.40	0.094	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
13.60	0.086	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
13.80	0.079	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
14.00	0.073	471.89	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
14.20	0.068	471.88	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
14.40	0.065	471.87	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
14.60	0.063	471.86	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
14.80	0.061	471.85	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
15.00	0.059	471.84	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
15.20	0.057	471.83	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
15.40	0.055	471.82	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
15.60	0.052	471.80	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
15.80	0.050	471.79	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.048	471.77	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
16.20	0.046	471.76	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
16.40	0.045	471.75	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
16.60	0.044	471.73	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
16.80	0.043	471.72	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
17.00	0.042	471.70	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
17.20	0.042	471.69	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.40	0.041	471.67	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
17.60	0.040	471.65	0.079	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
17.80	0.039	471.62	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
18.00	0.038	471.60	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
18.20	0.037	471.57	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
18.40	0.036	471.55	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
18.60	0.036	471.52	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
18.80	0.035	471.50	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
19.00	0.034	471.48	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
19.20	0.033	471.46	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.40	0.032	471.43	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.60	0.031	471.41	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
19.80	0.030	471.39	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.00	0.029	471.37	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
20.20	0.028	471.35	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.40	0.028	471.34	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
20.60	0.028	471.32	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
20.80	0.028	471.30	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
21.00	0.027	471.29	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
21.20	0.027	471.28	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
21.40	0.027	471.26	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.027	471.25	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
21.80	0.027	471.24	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
22.00	0.027	471.23	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
22.20	0.027	471.22	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
22.40	0.026	471.21	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
22.60	0.026	471.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
22.80	0.026	471.20	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.00	0.026	471.19	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
23.20	0.026	471.18	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.40	0.026	471.18	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.60	0.025	471.17	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.80	0.025	471.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
24.00	0.025	471.17	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
24.20	0.006	471.16	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
24.40	0.000	471.14	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
24.60	0.000	471.12	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
24.80	0.000	471.11	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
25.00	0.000	471.10	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
25.20	0.000	471.09	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
25.40	0.000	471.08	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
25.60	0.000	471.07	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
25.80	0.000	471.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
26.00	0.000	471.06	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
26.20	0.000	471.06	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
26.40	0.000	471.05	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
26.60	0.000	471.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
26.80	0.000	471.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
27.00	0.000	471.04	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.20	0.000	471.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
27.40	0.000	471.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
27.60	0.000	471.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
27.80	0.000	471.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
28.00	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
28.20	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
28.40	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
28.60	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
28.80	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
29.00	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
29.20	0.000	471.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
29.40	0.000	471.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
29.60	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
29.80	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
30.00	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
30.20	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
30.40	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
30.60	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
30.80	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
31.00	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.127 cfs
Storm frequency	= 1 yrs	Time to peak	= 15.03 hrs
Time interval	= 2 min	Hyd. volume	= 6,247 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out	Reservoir name	= SSDEDB #22
Max. Elevation	= 452.43 ft	Max. Storage	= 1,906 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.007	450.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.20	0.009	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.009	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.011	450.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.013	450.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.00	0.015	450.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.20	0.018	450.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.40	0.022	450.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.60	0.026	450.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.80	0.032	450.91	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
11.00	0.039	450.92	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
11.20	0.052	450.95	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.40	0.069	450.98	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
11.60	0.159	451.03	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
11.80	0.656	451.36	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
12.00	1.282	451.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
12.20	0.289	452.18	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
12.40	0.240	452.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
12.60	0.196	452.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
12.80	0.184	452.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.172	452.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
13.20	0.164	452.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
13.40	0.157	452.38	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
13.60	0.151	452.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
13.80	0.146	452.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.00	0.140	452.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.20	0.137	452.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.40	0.135	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.60	0.133	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
14.80	0.130	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
15.00	0.128	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
15.20	0.125	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
15.40	0.123	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
15.60	0.120	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
15.80	0.118	452.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
16.00	0.115	452.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
16.20	0.113	452.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
16.40	0.112	452.41	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
16.60	0.110	452.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
16.80	0.109	452.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
17.00	0.107	452.38	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.20	0.105	452.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.40	0.104	452.36	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.60	0.102	452.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
17.80	0.099	452.34	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
18.00	0.097	452.33	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
18.20	0.094	452.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
18.40	0.092	452.30	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.089	452.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.80	0.087	452.27	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
19.00	0.084	452.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.20	0.082	452.24	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.40	0.079	452.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
19.60	0.077	452.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
19.80	0.075	452.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
20.00	0.072	452.16	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.20	0.070	452.14	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
20.40	0.068	452.12	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
20.60	0.067	452.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
20.80	0.065	452.08	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.00	0.063	452.06	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
21.20	0.062	452.04	0.110	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
21.40	0.060	452.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
21.60	0.059	451.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
21.80	0.057	451.97	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
22.00	0.056	451.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
22.20	0.055	451.92	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
22.40	0.053	451.90	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
22.60	0.052	451.88	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
22.80	0.051	451.85	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
23.00	0.050	451.83	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
23.20	0.049	451.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
23.40	0.048	451.78	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
23.60	0.047	451.76	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
23.80	0.046	451.73	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
24.00	0.045	451.71	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.028	451.68	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
24.40	0.024	451.64	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
24.60	0.020	451.61	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
24.80	0.017	451.57	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
25.00	0.014	451.54	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
25.20	0.012	451.50	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
25.40	0.010	451.46	0.082	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
25.60	0.008	451.40	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
25.80	0.007	451.34	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
26.00	0.006	451.28	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
26.20	0.006	451.22	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
26.40	0.005	451.17	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.60	0.004	451.12	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
26.80	0.004	451.08	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
27.00	0.004	451.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
27.20	0.003	451.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
27.40	0.003	450.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.60	0.003	450.95	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.80	0.002	450.93	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
28.00	0.002	450.91	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
28.20	0.002	450.90	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
28.40	0.002	450.89	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
28.60	0.002	450.88	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
28.80	0.002	450.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
29.00	0.002	450.86	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
29.20	0.001	450.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
29.40	0.001	450.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
29.60	0.001	450.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.001	450.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
30.00	0.001	450.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
30.20	0.001	450.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
30.40	0.001	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
30.60	0.001	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
30.80	0.001	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
31.00	0.001	450.84	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.20	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.40	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.60	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.80	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
32.00	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
32.20	0.000	450.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
32.40	0.000	450.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
32.60	0.000	450.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.120 cfs
Storm frequency	= 1 yrs	Time to peak	= 20.50 hrs
Time interval	= 2 min	Hyd. volume	= 7,354 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out	Reservoir name	= SSDEDB #23
Max. Elevation	= 446.26 ft	Max. Storage	= 1,497 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.00	0.009	444.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
10.20	0.011	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.40	0.015	444.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.60	0.019	444.86	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.80	0.024	444.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.00	0.031	444.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.20	0.040	444.91	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
11.40	0.051	444.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.60	0.086	444.98	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
11.80	0.281	445.12	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
12.00	0.554	445.54	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
12.20	0.193	445.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
12.40	0.176	445.70	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
12.60	0.161	445.75	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
12.80	0.158	445.78	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
13.00	0.154	445.82	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
13.20	0.152	445.84	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
13.40	0.150	445.87	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
13.60	0.148	445.89	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
13.80	0.147	445.92	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.00	0.145	445.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
14.20	0.145	445.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
14.40	0.144	445.98	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
14.60	0.144	446.00	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
14.80	0.143	446.01	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
15.00	0.143	446.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
15.20	0.142	446.05	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
15.40	0.141	446.06	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
15.60	0.140	446.08	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
15.80	0.140	446.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
16.00	0.139	446.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
16.20	0.138	446.12	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
16.40	0.138	446.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
16.60	0.137	446.14	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
16.80	0.136	446.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
17.00	0.136	446.16	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
17.20	0.135	446.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
17.40	0.135	446.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
17.60	0.134	446.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
17.80	0.133	446.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
18.00	0.132	446.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
18.20	0.132	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
18.40	0.131	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
18.60	0.130	446.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
18.80	0.129	446.24	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.00	0.128	446.24	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.20	0.127	446.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.40	0.126	446.25	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.60	0.125	446.25	0.123	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.80	0.124	446.25	0.123	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
20.00	0.123	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
20.20	0.121	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
20.40	0.120	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
20.60	0.119	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
20.80	0.118	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
21.00	0.117	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
21.20	0.116	446.25	0.123	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
21.40	0.115	446.25	0.123	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
21.60	0.114	446.25	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
21.80	0.113	446.25	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
22.00	0.111	446.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
22.20	0.110	446.24	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
22.40	0.109	446.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
22.60	0.108	446.23	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
22.80	0.106	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
23.00	0.105	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
23.20	0.104	446.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
23.40	0.103	446.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
23.60	0.101	446.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
23.80	0.099	446.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
24.00	0.098	446.18	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
24.20	0.091	446.16	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
24.40	0.089	446.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
24.60	0.086	446.14	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
24.80	0.084	446.12	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
25.00	0.082	446.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.20	0.080	446.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
25.40	0.077	446.07	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
25.60	0.073	446.06	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
25.80	0.068	446.03	0.110	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
26.00	0.063	446.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
26.20	0.059	445.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
26.40	0.054	445.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
26.60	0.050	445.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
26.80	0.045	445.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
27.00	0.041	445.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
27.20	0.036	445.85	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
27.40	0.031	445.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
27.60	0.026	445.78	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
27.80	0.021	445.73	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
28.00	0.017	445.69	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
28.20	0.014	445.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
28.40	0.011	445.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
28.60	0.009	445.56	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
28.80	0.008	445.52	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
29.00	0.007	445.48	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
29.20	0.006	445.41	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
29.40	0.005	445.34	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
29.60	0.005	445.27	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
29.80	0.004	445.21	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
30.00	0.004	445.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
30.20	0.003	445.10	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.40	0.003	445.06	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
30.60	0.003	445.02	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.80	0.003	444.98	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
31.00	0.002	444.95	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.20	0.002	444.93	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
31.40	0.002	444.91	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
31.60	0.002	444.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
31.80	0.002	444.88	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
32.00	0.002	444.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
32.20	0.001	444.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
32.40	0.001	444.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
32.60	0.001	444.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
32.80	0.001	444.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
33.00	0.001	444.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
33.20	0.001	444.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
33.40	0.001	444.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
33.60	0.001	444.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
33.80	0.000	444.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
34.00	0.000	444.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.20	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.40	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.60	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.80	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
35.00	0.000	444.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
35.20	0.000	444.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
35.40	0.000	444.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
35.60	0.000	444.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.146 cfs
Storm frequency	= 1 yrs	Time to peak	= 19.50 hrs
Time interval	= 2 min	Hyd. volume	= 11,810 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out - SSDEDB #24 In	Reservoir name	= SSDEDB #24
Max. Elevation	= 417.91 ft	Max. Storage	= 3,068 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.010	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.012	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.40	0.013	415.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.60	0.015	415.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.80	0.019	415.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.00	0.022	415.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.20	0.027	415.89	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.40	0.034	415.90	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.60	0.042	415.92	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
10.80	0.054	415.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.00	0.068	415.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.20	0.091	416.01	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
11.40	0.121	416.06	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
11.60	0.254	416.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
11.80	0.964	416.53	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
12.00	1.806	417.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
12.20	0.376	417.45	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
12.40	0.305	417.54	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
12.60	0.243	417.60	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
12.80	0.227	417.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.211	417.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
13.20	0.201	417.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
13.40	0.192	417.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
13.60	0.185	417.74	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
13.80	0.179	417.76	0.146	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
14.00	0.173	417.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
14.20	0.170	417.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
14.40	0.169	417.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
14.60	0.168	417.81	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
14.80	0.166	417.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
15.00	0.164	417.83	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
15.20	0.163	417.84	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
15.40	0.161	417.84	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
15.60	0.159	417.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
15.80	0.158	417.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
16.00	0.156	417.86	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.20	0.155	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.40	0.155	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.60	0.154	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.80	0.154	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
17.00	0.154	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
17.20	0.153	417.89	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
17.40	0.153	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
17.60	0.152	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
17.80	0.152	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
18.00	0.151	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
18.20	0.151	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
18.40	0.150	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.149	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
18.80	0.149	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.00	0.148	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.20	0.147	417.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.40	0.147	417.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.60	0.146	417.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.80	0.145	417.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
20.00	0.144	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
20.20	0.144	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
20.40	0.144	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
20.60	0.144	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
20.80	0.143	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
21.00	0.143	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
21.20	0.143	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
21.40	0.143	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
21.60	0.142	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
21.80	0.142	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
22.00	0.142	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
22.20	0.141	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
22.40	0.141	417.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
22.60	0.140	417.89	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
22.80	0.140	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.00	0.140	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.20	0.139	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.40	0.139	417.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.60	0.138	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.80	0.138	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
24.00	0.137	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.116	417.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
24.40	0.115	417.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
24.60	0.114	417.83	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
24.80	0.114	417.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
25.00	0.113	417.81	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
25.20	0.112	417.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
25.40	0.111	417.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
25.60	0.110	417.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
25.80	0.109	417.76	0.146	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
26.00	0.108	417.75	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
26.20	0.107	417.73	0.140	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
26.40	0.106	417.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
26.60	0.105	417.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
26.80	0.103	417.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
27.00	0.102	417.68	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
27.20	0.100	417.66	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
27.40	0.098	417.65	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
27.60	0.096	417.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
27.80	0.094	417.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
28.00	0.091	417.60	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
28.20	0.089	417.58	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
28.40	0.086	417.56	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
28.60	0.084	417.54	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
28.80	0.081	417.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
29.00	0.078	417.50	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
29.20	0.073	417.48	0.132	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
29.40	0.068	417.46	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
29.60	0.063	417.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.058	417.40	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
30.00	0.053	417.38	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
30.20	0.048	417.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
30.40	0.043	417.31	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
30.60	0.038	417.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
30.80	0.033	417.25	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
31.00	0.027	417.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
31.20	0.021	417.18	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
31.40	0.017	417.14	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
31.60	0.013	417.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
31.80	0.011	417.06	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
32.00	0.009	417.02	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
32.20	0.007	416.98	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
32.40	0.006	416.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
32.60	0.005	416.90	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
32.80	0.005	416.86	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
33.00	0.004	416.83	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
33.20	0.004	416.79	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
33.40	0.003	416.75	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
33.60	0.003	416.70	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
33.80	0.003	416.66	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
34.00	0.002	416.63	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
34.20	0.002	416.59	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
34.40	0.002	416.55	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
34.60	0.002	416.51	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
34.80	0.002	416.48	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
35.00	0.001	416.43	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
35.20	0.001	416.37	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.001	416.31	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
35.60	0.001	416.26	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
35.80	0.001	416.21	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
36.00	0.001	416.16	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
36.20	0.001	416.12	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
36.40	0.000	416.08	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.60	0.000	416.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
36.80	0.000	416.01	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.00	0.000	415.98	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
37.20	0.000	415.95	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
37.40	0.000	415.93	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.60	0.000	415.91	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
37.80	0.000	415.90	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.00	0.000	415.89	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
38.20	0.000	415.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
38.40	0.000	415.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
38.60	0.000	415.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
38.80	0.000	415.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
39.00	0.000	415.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
39.20	0.000	415.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
39.40	0.000	415.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.60	0.000	415.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
39.80	0.000	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.00	0.000	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
40.20	0.000	415.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
40.40	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
40.60	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
40.80	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.20	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.40	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
41.60	0.000	415.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.157 cfs
Storm frequency	= 1 yrs	Time to peak	= 23.23 hrs
Time interval	= 2 min	Hyd. volume	= 14,155 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out - SSDEDB #25 In	Reservoir name	= SSDEDB #25
Max. Elevation	= 409.28 ft	Max. Storage	= 4,161 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.80	0.012	405.34	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
10.00	0.015	405.35	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
10.20	0.020	405.36	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.40	0.026	405.38	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.60	0.033	405.41	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.80	0.042	405.44	0.018	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.00	0.053	405.47	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.20	0.068	405.52	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.40	0.086	405.58	0.030	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.60	0.155	405.67	0.035	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
11.80	0.537	405.99	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
12.00	1.051	406.56	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
12.20	0.287	406.78	0.073	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
12.40	0.250	406.89	0.073	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
12.60	0.217	406.98	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
12.80	0.209	407.06	0.083	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
13.00	0.200	407.14	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
13.20	0.195	407.21	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
13.40	0.190	407.27	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
13.60	0.186	407.33	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.80	0.183	407.40	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
14.00	0.180	407.45	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
14.20	0.178	407.51	0.093	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
14.40	0.177	407.56	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
14.60	0.176	407.62	0.093	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
14.80	0.175	407.67	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
15.00	0.174	407.72	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
15.20	0.173	407.78	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
15.40	0.172	407.83	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
15.60	0.171	407.88	0.093	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
15.80	0.170	407.92	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
16.00	0.169	407.97	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
16.20	0.168	408.02	0.095	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
16.40	0.168	408.06	0.096	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
16.60	0.167	408.11	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
16.80	0.167	408.15	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
17.00	0.167	408.20	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
17.20	0.166	408.24	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
17.40	0.166	408.29	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
17.60	0.166	408.33	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
17.80	0.165	408.37	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
18.00	0.165	408.42	0.105	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
18.20	0.164	408.46	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
18.40	0.164	408.50	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
18.60	0.164	408.54	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
18.80	0.163	408.58	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
19.00	0.163	408.62	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
19.20	0.162	408.66	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.40	0.162	408.70	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
19.60	0.161	408.74	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
19.80	0.161	408.78	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
20.00	0.160	408.81	0.113	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
20.20	0.160	408.85	0.118	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
20.40	0.160	408.89	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
20.60	0.160	408.92	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
20.80	0.159	408.96	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
21.00	0.159	409.00	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.20	0.159	409.04	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.40	0.159	409.07	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
21.60	0.159	409.11	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
21.80	0.159	409.15	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
22.00	0.159	409.18	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
22.20	0.158	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
22.40	0.158	409.25	0.126	0.115	-----	-----	0.008	-----	-----	-----	-----	0.123
22.60	0.158	409.27	0.148	0.116	-----	-----	0.027	-----	-----	-----	-----	0.143
22.80	0.158	409.28	0.161	0.116	-----	-----	0.039	-----	-----	-----	-----	0.154
23.00	0.158	409.28	0.164	0.116	-----	-----	0.041	-----	-----	-----	-----	0.157
23.20	0.157	409.28	0.165	0.116	-----	-----	0.042	-----	-----	-----	-----	0.157
23.40	0.157	409.28	0.165	0.116	-----	-----	0.042	-----	-----	-----	-----	0.157
23.60	0.157	409.28	0.165	0.116	-----	-----	0.042	-----	-----	-----	-----	0.157
23.80	0.157	409.28	0.164	0.116	-----	-----	0.041	-----	-----	-----	-----	0.157
24.00	0.157	409.28	0.164	0.116	-----	-----	0.041	-----	-----	-----	-----	0.157
24.20	0.144	409.28	0.155	0.116	-----	-----	0.034	-----	-----	-----	-----	0.149
24.40	0.144	409.28	0.151	0.116	-----	-----	0.030	-----	-----	-----	-----	0.145
24.60	0.143	409.27	0.149	0.116	-----	-----	0.028	-----	-----	-----	-----	0.144
24.80	0.143	409.27	0.149	0.116	-----	-----	0.028	-----	-----	-----	-----	0.143

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.00	0.143	409.27	0.148	0.116	-----	-----	0.027	-----	-----	-----	-----	0.143
25.20	0.142	409.27	0.148	0.116	-----	-----	0.027	-----	-----	-----	-----	0.142
25.40	0.142	409.27	0.147	0.116	-----	-----	0.026	-----	-----	-----	-----	0.142
25.60	0.141	409.27	0.146	0.116	-----	-----	0.026	-----	-----	-----	-----	0.141
25.80	0.141	409.27	0.146	0.116	-----	-----	0.025	-----	-----	-----	-----	0.141
26.00	0.140	409.27	0.145	0.116	-----	-----	0.025	-----	-----	-----	-----	0.140
26.20	0.140	409.27	0.145	0.116	-----	-----	0.024	-----	-----	-----	-----	0.140
26.40	0.139	409.27	0.144	0.116	-----	-----	0.024	-----	-----	-----	-----	0.139
26.60	0.139	409.27	0.144	0.116	-----	-----	0.023	-----	-----	-----	-----	0.139
26.80	0.138	409.27	0.143	0.116	-----	-----	0.023	-----	-----	-----	-----	0.138
27.00	0.138	409.27	0.142	0.116	-----	-----	0.022	-----	-----	-----	-----	0.138
27.20	0.137	409.27	0.142	0.116	-----	-----	0.022	-----	-----	-----	-----	0.137
27.40	0.136	409.27	0.141	0.116	-----	-----	0.021	-----	-----	-----	-----	0.137
27.60	0.136	409.27	0.140	0.116	-----	-----	0.021	-----	-----	-----	-----	0.136
27.80	0.135	409.27	0.140	0.116	-----	-----	0.020	-----	-----	-----	-----	0.136
28.00	0.134	409.27	0.139	0.116	-----	-----	0.019	-----	-----	-----	-----	0.135
28.20	0.134	409.27	0.138	0.116	-----	-----	0.019	-----	-----	-----	-----	0.134
28.40	0.133	409.27	0.137	0.116	-----	-----	0.018	-----	-----	-----	-----	0.133
28.60	0.132	409.27	0.136	0.116	-----	-----	0.017	-----	-----	-----	-----	0.133
28.80	0.131	409.27	0.135	0.116	-----	-----	0.016	-----	-----	-----	-----	0.132
29.00	0.130	409.27	0.134	0.116	-----	-----	0.015	-----	-----	-----	-----	0.131
29.20	0.129	409.27	0.133	0.116	-----	-----	0.014	-----	-----	-----	-----	0.130
29.40	0.128	409.27	0.132	0.116	-----	-----	0.014	-----	-----	-----	-----	0.129
29.60	0.127	409.27	0.132	0.116	-----	-----	0.013	-----	-----	-----	-----	0.129
29.80	0.126	409.26	0.131	0.116	-----	-----	0.013	-----	-----	-----	-----	0.128
30.00	0.125	409.26	0.131	0.116	-----	-----	0.012	-----	-----	-----	-----	0.128
30.20	0.124	409.26	0.130	0.116	-----	-----	0.011	-----	-----	-----	-----	0.127
30.40	0.122	409.26	0.129	0.115	-----	-----	0.010	-----	-----	-----	-----	0.126

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.60	0.121	409.25	0.128	0.115	-----	-----	0.009	-----	-----	-----	-----	0.124
30.80	0.119	409.25	0.126	0.115	-----	-----	0.008	-----	-----	-----	-----	0.123
31.00	0.118	409.25	0.125	0.115	-----	-----	0.006	-----	-----	-----	-----	0.122
31.20	0.116	409.25	0.124	0.115	-----	-----	0.005	-----	-----	-----	-----	0.120
31.40	0.114	409.24	0.122	0.115	-----	-----	0.004	-----	-----	-----	-----	0.119
31.60	0.113	409.24	0.121	0.115	-----	-----	0.002	-----	-----	-----	-----	0.117
31.80	0.111	409.23	0.119	0.115	-----	-----	0.000	-----	-----	-----	-----	0.116
32.00	0.109	409.23	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
32.20	0.107	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
32.40	0.105	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
32.60	0.103	409.21	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
32.80	0.101	409.20	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
33.00	0.099	409.18	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
33.20	0.097	409.17	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
33.40	0.094	409.16	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
33.60	0.092	409.14	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
33.80	0.090	409.12	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
34.00	0.088	409.10	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
34.20	0.085	409.08	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
34.40	0.083	409.06	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
34.60	0.081	409.03	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
34.80	0.078	409.01	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
35.00	0.075	408.98	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
35.20	0.070	408.95	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
35.40	0.066	408.92	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
35.60	0.062	408.88	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
35.80	0.057	408.85	0.118	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
36.00	0.053	408.81	0.111	0.109	-----	-----	-----	-----	-----	-----	-----	0.109

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.20	0.049	408.77	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
36.40	0.045	408.72	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
36.60	0.041	408.68	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
36.80	0.037	408.63	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
37.00	0.032	408.58	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
37.20	0.027	408.53	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
37.40	0.022	408.48	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
37.60	0.018	408.42	0.105	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
37.80	0.014	408.36	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
38.00	0.012	408.30	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
38.20	0.010	408.24	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
38.40	0.008	408.19	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
38.60	0.007	408.13	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
38.80	0.006	408.07	0.097	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
39.00	0.005	408.01	0.095	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
39.20	0.005	407.96	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
39.40	0.004	407.90	0.093	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
39.60	0.004	407.85	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
39.80	0.003	407.79	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
40.00	0.003	407.74	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
40.20	0.002	407.68	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
40.40	0.002	407.63	0.093	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
40.60	0.002	407.58	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
40.80	0.002	407.53	0.093	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
41.00	0.002	407.48	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
41.20	0.002	407.43	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
41.40	0.002	407.38	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
41.60	0.001	407.33	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.80	0.001	407.28	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
42.00	0.001	407.24	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
42.20	0.001	407.19	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
42.40	0.001	407.15	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
42.60	0.001	407.10	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
42.80	0.001	407.06	0.083	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
43.00	0.001	407.02	0.079	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
43.20	0.001	406.97	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
43.40	0.000	406.93	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
43.60	0.000	406.89	0.073	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
43.80	0.000	406.85	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
44.00	0.000	406.81	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
44.20	0.000	406.77	0.073	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
44.40	0.000	406.73	0.073	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
44.60	0.000	406.69	0.073	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
44.80	0.000	406.65	0.070	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
45.00	0.000	406.62	0.065	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
45.20	0.000	406.58	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
45.40	0.000	406.54	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
45.60	0.000	406.51	0.064	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
45.80	0.000	406.47	0.064	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
46.00	0.000	406.44	0.064	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
46.20	0.000	406.41	0.064	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
46.40	0.000	406.37	0.064	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
46.60	0.000	406.34	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
46.80	0.000	406.31	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
47.00	0.000	406.28	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
47.20	0.000	406.24	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.40	0.000	406.21	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
47.60	0.000	406.17	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
47.80	0.000	406.14	0.055	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.00	0.000	406.11	0.055	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.20	0.000	406.07	0.050	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
48.40	0.000	406.04	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.60	0.000	406.01	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
48.80	0.000	405.98	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
49.00	0.000	405.94	0.048	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
49.20	0.000	405.89	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
49.40	0.000	405.84	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
49.60	0.000	405.79	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
49.80	0.000	405.75	0.038	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.00	0.000	405.71	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
50.20	0.000	405.67	0.035	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
50.40	0.000	405.63	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
50.60	0.000	405.59	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.80	0.000	405.56	0.029	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
51.00	0.000	405.53	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
51.20	0.000	405.50	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
51.40	0.000	405.48	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
51.60	0.000	405.45	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.80	0.000	405.43	0.018	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.00	0.000	405.42	0.015	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
52.20	0.000	405.40	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
52.40	0.000	405.39	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.60	0.000	405.38	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
52.80	0.000	405.37	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.00	0.000	405.36	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.20	0.000	405.36	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.40	0.000	405.35	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
53.60	0.000	405.35	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.80	0.000	405.34	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
54.00	0.000	405.34	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.20	0.000	405.34	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.40	0.000	405.33	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.60	0.000	405.33	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

...End

SUB-SURFACE DRY EXTENDED DETENTION BASIN DEWATERING TIME (2 YEAR)	
SSDEDB #	Time (hours)
1	50.00
2	60.40
3	61.80
4	60.60
5	62.40
6	61.60
7	49.80
8	68.60
9	69.60
10	71.00
11	52.20
12	55.40
13	56.20
14	55.60
15	52.20
16	55.40
17	52.60
18	51.60
19	60.20
21	32.20
22	35.20
23	39.20
24	46.60
25	60.00

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.029 cfs
Storm frequency	= 2 yrs	Time to peak	= 16.03 hrs
Time interval	= 2 min	Hyd. volume	= 2,683 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Reservoir name	= SSDEDB #1
Max. Elevation	= 477.33 ft	Max. Storage	= 1,696 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.80	0.014	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
11.00	0.019	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
11.20	0.027	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
11.40	0.039	476.09	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
11.60	0.076	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
11.80	0.382	476.28	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
12.00	1.181 <<	476.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
12.20	0.210	477.09	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.40	0.151	477.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
12.60	0.105	477.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.80	0.089	477.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
13.00	0.078	477.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
13.20	0.069	477.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.40	0.063	477.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.60	0.057	477.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.80	0.052	477.29	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
14.00	0.047	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
14.20	0.044	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
14.40	0.042	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
14.60	0.041	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.80	0.039	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
15.00	0.038	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
15.20	0.036	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
15.40	0.035	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
15.60	0.033	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
15.80	0.031	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.00	0.030	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.20	0.028	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.40	0.028	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.60	0.027	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
16.80	0.027	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.00	0.026	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.20	0.026	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.40	0.025	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.60	0.024	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
17.80	0.024	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.00	0.023	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.20	0.023	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.40	0.022	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.60	0.021	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
18.80	0.021	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.00	0.020	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.20	0.020	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.40	0.019	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.60	0.018	477.29	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
19.80	0.018	477.29	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.00	0.017	477.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.20	0.017	477.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.40	0.017	477.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.60	0.016	477.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
20.80	0.016	477.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.00	0.016	477.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.20	0.016	477.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
21.40	0.016	477.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
21.60	0.016	477.24	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
21.80	0.016	477.24	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
22.00	0.016	477.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
22.20	0.016	477.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
22.40	0.015	477.22	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
22.60	0.015	477.22	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
22.80	0.015	477.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
23.00	0.015	477.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
23.20	0.015	477.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
23.40	0.015	477.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
23.60	0.015	477.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
23.80	0.015	477.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
24.00	0.014	477.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
24.20	0.001	477.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
24.40	0.000	477.16	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
24.60	0.000	477.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
24.80	0.000	477.14	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
25.00	0.000	477.13	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
25.20	0.000	477.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
25.40	0.000	477.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
25.60	0.000	477.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
25.80	0.000	477.09	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.00	0.000	477.08	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
26.20	0.000	477.07	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
26.40	0.000	477.06	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
26.60	0.000	477.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
26.80	0.000	477.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.00	0.000	477.03	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.20	0.000	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
27.40	0.000	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
27.60	0.000	477.00	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
27.80	0.000	476.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.00	0.000	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.20	0.000	476.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.40	0.000	476.95	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.60	0.000	476.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
28.80	0.000	476.93	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.00	0.000	476.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.20	0.000	476.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.40	0.000	476.90	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.60	0.000	476.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
29.80	0.000	476.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
30.00	0.000	476.87	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.20	0.000	476.85	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.40	0.000	476.84	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.60	0.000	476.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
30.80	0.000	476.82	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.00	0.000	476.81	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.20	0.000	476.80	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
31.40	0.000	476.79	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.60	0.000	476.78	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
31.80	0.000	476.77	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.00	0.000	476.76	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.20	0.000	476.75	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.40	0.000	476.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
32.60	0.000	476.73	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
32.80	0.000	476.72	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.00	0.000	476.71	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.20	0.000	476.70	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.40	0.000	476.70	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.60	0.000	476.69	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
33.80	0.000	476.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
34.00	0.000	476.67	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.20	0.000	476.65	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.40	0.000	476.63	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.60	0.000	476.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
34.80	0.000	476.60	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
35.00	0.000	476.58	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
35.20	0.000	476.57	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
35.40	0.000	476.55	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
35.60	0.000	476.54	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
35.80	0.000	476.52	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
36.00	0.000	476.51	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
36.20	0.000	476.49	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.40	0.000	476.48	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.60	0.000	476.46	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
36.80	0.000	476.45	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
37.00	0.000	476.43	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.20	0.000	476.42	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
37.40	0.000	476.41	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
37.60	0.000	476.39	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
37.80	0.000	476.38	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
38.00	0.000	476.37	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
38.20	0.000	476.36	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.40	0.000	476.34	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.60	0.000	476.33	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
38.80	0.000	476.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
39.00	0.000	476.31	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.20	0.000	476.30	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.40	0.000	476.29	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
39.60	0.000	476.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
39.80	0.000	476.26	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.00	0.000	476.25	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.20	0.000	476.24	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
40.40	0.000	476.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
40.60	0.000	476.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
40.80	0.000	476.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
41.00	0.000	476.21	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
41.20	0.000	476.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
41.40	0.000	476.19	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
41.60	0.000	476.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
41.80	0.000	476.17	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
42.00	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
42.20	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
42.40	0.000	476.15	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
42.60	0.000	476.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.80	0.000	476.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
43.00	0.000	476.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
43.20	0.000	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
43.40	0.000	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
43.60	0.000	476.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
43.80	0.000	476.10	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
44.00	0.000	476.10	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.20	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.40	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.60	0.000	476.08	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
44.80	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.00	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.20	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.40	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.60	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.80	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
46.00	0.000	476.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.20	0.000	476.06	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.40	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.60	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.80	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.00	0.000	476.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.20	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.40	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.60	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.80	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.00	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.20	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.40	0.000	476.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.00	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.20	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.40	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.00	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.032 cfs
Storm frequency	= 2 yrs	Time to peak	= 24.03 hrs
Time interval	= 2 min	Hyd. volume	= 4,470 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Reservoir name	= SSDEDB #2
Max. Elevation	= 474.51 ft	Max. Storage	= 1,545 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
5.00	0.004	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
5.20	0.004	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
5.40	0.004	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
5.60	0.005	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
5.80	0.005	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
6.00	0.005	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
6.20	0.006	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
6.40	0.006	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
6.60	0.006	472.96	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
6.80	0.006	472.96	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.00	0.007	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.20	0.007	472.97	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.40	0.007	472.97	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.60	0.008	472.97	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
7.80	0.008	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.00	0.008	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.20	0.009	472.99	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.40	0.010	472.99	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.60	0.011	473.00	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.80	0.012	473.00	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.013	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.20	0.014	473.02	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.40	0.014	473.03	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.60	0.015	473.03	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.80	0.016	473.04	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.00	0.018	473.05	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.20	0.020	473.07	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.40	0.023	473.08	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.60	0.026	473.10	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.80	0.031	473.12	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.00	0.037	473.15	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.20	0.047	473.18	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.40	0.059	473.23	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.60	0.120	473.30	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
11.80	0.402	473.57	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
12.00	0.625	473.97	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.20	0.122	474.09	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.40	0.097	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
12.60	0.076	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
12.80	0.070	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.00	0.065	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.20	0.061	474.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
13.40	0.058	474.25	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
13.60	0.055	474.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
13.80	0.053	474.28	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
14.00	0.051	474.29	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
14.20	0.050	474.30	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
14.40	0.049	474.31	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.60	0.048	474.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
14.80	0.047	474.33	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.00	0.047	474.34	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.20	0.046	474.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.40	0.045	474.36	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.60	0.044	474.37	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
15.80	0.044	474.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.00	0.043	474.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.20	0.042	474.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.40	0.042	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.60	0.042	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
16.80	0.041	474.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.00	0.041	474.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
17.20	0.041	474.42	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
17.40	0.041	474.42	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
17.60	0.040	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
17.80	0.040	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.00	0.040	474.44	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.20	0.039	474.44	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.40	0.039	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.60	0.039	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
18.80	0.038	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.00	0.038	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.20	0.038	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.40	0.037	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.60	0.037	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
19.80	0.037	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.00	0.036	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.20	0.036	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.40	0.036	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.60	0.036	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
20.80	0.036	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
21.00	0.036	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
21.20	0.036	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
21.40	0.036	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
21.60	0.035	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
21.80	0.035	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
22.00	0.035	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
22.20	0.035	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
22.40	0.035	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
22.60	0.035	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
22.80	0.035	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.00	0.035	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.20	0.034	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.40	0.034	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.60	0.034	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
23.80	0.034	474.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.00	0.034	474.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.20	0.028	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.40	0.027	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.60	0.027	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
24.80	0.027	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.00	0.027	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.20	0.027	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.40	0.027	474.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.60	0.027	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.80	0.026	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.00	0.026	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.20	0.026	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.40	0.026	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.60	0.026	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.80	0.026	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.00	0.026	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.20	0.026	474.46	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.40	0.025	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.60	0.025	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.80	0.025	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.00	0.025	474.44	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.20	0.025	474.44	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.40	0.025	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.60	0.025	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.80	0.024	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.00	0.024	474.42	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.20	0.024	474.42	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.40	0.024	474.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
29.60	0.024	474.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
29.80	0.024	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.00	0.023	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.20	0.023	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.40	0.023	474.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.60	0.023	474.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.80	0.023	474.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.00	0.023	474.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.20	0.023	474.37	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.40	0.022	474.37	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.60	0.022	474.36	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.80	0.022	474.36	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.00	0.022	474.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.20	0.022	474.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.40	0.022	474.34	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.60	0.021	474.34	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.80	0.021	474.33	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
33.00	0.021	474.33	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
33.20	0.021	474.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
33.40	0.021	474.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
33.60	0.021	474.31	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
33.80	0.021	474.30	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.00	0.020	474.30	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.20	0.020	474.29	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.40	0.020	474.29	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.60	0.020	474.28	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.80	0.019	474.28	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.00	0.019	474.27	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.20	0.019	474.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.40	0.018	474.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.60	0.018	474.25	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.80	0.018	474.24	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.00	0.018	474.24	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.20	0.017	474.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.40	0.017	474.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.60	0.017	474.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.80	0.016	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.00	0.016	474.20	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.20	0.016	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.40	0.016	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.60	0.015	474.18	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.80	0.015	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.00	0.015	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.20	0.014	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.40	0.014	474.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
38.60	0.014	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
38.80	0.014	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.00	0.013	474.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.20	0.013	474.12	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.40	0.013	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.60	0.012	474.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.80	0.012	474.09	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.00	0.012	474.08	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.20	0.012	474.07	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.40	0.011	474.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
40.60	0.011	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
40.80	0.011	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.00	0.011	474.04	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.20	0.010	474.03	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.40	0.010	474.02	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.60	0.010	474.01	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.80	0.009	474.00	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.00	0.009	473.99	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
42.20	0.009	473.98	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
42.40	0.009	473.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.60	0.008	473.96	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
42.80	0.008	473.95	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.00	0.008	473.94	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.20	0.007	473.93	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.40	0.007	473.92	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.60	0.007	473.91	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
43.80	0.007	473.90	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.00	0.006	473.88	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.20	0.006	473.87	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.40	0.006	473.86	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.60	0.005	473.85	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.80	0.005	473.84	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.00	0.005	473.82	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.20	0.004	473.81	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.40	0.004	473.80	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.60	0.004	473.79	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.80	0.004	473.77	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.00	0.003	473.76	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.20	0.003	473.75	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.40	0.003	473.73	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.60	0.003	473.72	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.80	0.003	473.71	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.00	0.002	473.70	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.20	0.002	473.68	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.40	0.002	473.67	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.60	0.002	473.66	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.80	0.002	473.64	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.00	0.002	473.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.20	0.002	473.62	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.40	0.001	473.61	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.60	0.001	473.59	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
48.80	0.001	473.58	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.00	0.001	473.57	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.20	0.001	473.55	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.40	0.001	473.52	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.60	0.001	473.50	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
49.80	0.001	473.48	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.00	0.001	473.46	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.20	0.000	473.44	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.40	0.000	473.42	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
50.60	0.000	473.39	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
50.80	0.000	473.37	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.00	0.000	473.35	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.20	0.000	473.33	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
51.40	0.000	473.31	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
51.60	0.000	473.30	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
51.80	0.000	473.28	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.00	0.000	473.26	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.20	0.000	473.24	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
52.40	0.000	473.23	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
52.60	0.000	473.21	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
52.80	0.000	473.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.00	0.000	473.18	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.20	0.000	473.16	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.40	0.000	473.15	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.60	0.000	473.13	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.80	0.000	473.12	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.00	0.000	473.11	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.20	0.000	473.10	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
54.40	0.000	473.08	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
54.60	0.000	473.07	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
54.80	0.000	473.06	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.00	0.000	473.05	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.20	0.000	473.04	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
55.40	0.000	473.03	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
55.60	0.000	473.02	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
55.80	0.000	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.00	0.000	473.00	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.20	0.000	473.00	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.40	0.000	472.99	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.60	0.000	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.80	0.000	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.00	0.000	472.97	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.20	0.000	472.97	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.40	0.000	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.60	0.000	472.96	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.80	0.000	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.00	0.000	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.20	0.000	472.95	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.40	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.60	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.80	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.00	0.000	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.20	0.000	472.94	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
59.40	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.60	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.80	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.00	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.20	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.40	0.000	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.109 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.07 hrs
Time interval	= 2 min	Hyd. volume	= 6,959 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Reservoir name	= SSDEDB #3
Max. Elevation	= 469.13 ft	Max. Storage	= 1,072 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.80	0.003	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.00	0.004	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.20	0.004	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.40	0.004	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.60	0.005	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.80	0.005	467.94	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.00	0.005	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.20	0.005	467.94	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.40	0.006	467.94	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.60	0.006	467.95	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.80	0.007	467.95	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.007	467.95	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.007	467.96	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.40	0.008	467.96	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.008	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.80	0.008	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.00	0.009	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.20	0.009	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.40	0.010	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.60	0.010	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.80	0.011	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.00	0.012	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.20	0.013	467.98	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.40	0.016	467.98	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.60	0.031	468.00	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.80	0.183	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.00	0.914	468.60	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
12.20	0.408	469.00	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
12.40	0.193	469.08	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
12.60	0.147	469.11	0.109	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
12.80	0.125	469.13	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
13.00	0.114	469.13	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
13.20	0.104	469.13	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
13.40	0.098	469.13	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
13.60	0.092	469.12	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
13.80	0.087	469.11	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
14.00	0.082	469.10	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
14.20	0.078	469.08	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
14.40	0.077	469.06	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
14.60	0.075	469.05	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
14.80	0.074	469.03	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
15.00	0.072	469.01	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
15.20	0.071	469.00	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
15.40	0.069	468.98	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
15.60	0.068	468.96	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
15.80	0.066	468.94	0.101	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
16.00	0.064	468.92	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
16.20	0.063	468.90	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.40	0.062	468.88	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
16.60	0.062	468.86	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
16.80	0.061	468.84	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
17.00	0.061	468.82	0.095	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
17.20	0.060	468.80	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
17.40	0.060	468.78	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
17.60	0.059	468.76	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
17.80	0.059	468.74	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
18.00	0.058	468.72	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
18.20	0.057	468.70	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
18.40	0.057	468.68	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
18.60	0.056	468.66	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
18.80	0.056	468.65	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
19.00	0.055	468.63	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
19.20	0.054	468.61	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
19.40	0.054	468.60	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
19.60	0.053	468.58	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.80	0.052	468.56	0.082	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
20.00	0.052	468.53	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
20.20	0.051	468.50	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
20.40	0.051	468.48	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
20.60	0.051	468.46	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
20.80	0.051	468.43	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
21.00	0.051	468.41	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
21.20	0.051	468.40	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
21.40	0.051	468.38	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
21.60	0.050	468.36	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
21.80	0.050	468.35	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.00	0.050	468.34	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
22.20	0.050	468.33	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.40	0.050	468.32	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
22.60	0.050	468.31	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
22.80	0.050	468.30	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
23.00	0.050	468.29	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.20	0.050	468.28	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.40	0.050	468.28	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.60	0.049	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
23.80	0.049	468.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
24.00	0.049	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
24.20	0.037	468.25	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
24.40	0.032	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
24.60	0.032	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
24.80	0.032	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
25.00	0.032	468.17	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
25.20	0.032	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
25.40	0.032	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
25.60	0.032	468.14	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
25.80	0.032	468.13	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
26.00	0.032	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
26.20	0.032	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
26.40	0.032	468.11	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
26.60	0.032	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.80	0.032	468.10	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.00	0.032	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
27.20	0.032	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.40	0.032	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.60	0.032	468.09	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
27.80	0.032	468.08	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.00	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.20	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.40	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.60	0.032	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
28.80	0.032	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.00	0.032	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.20	0.032	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.40	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.60	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.80	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
30.00	0.031	468.07	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
30.20	0.031	468.07	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
30.40	0.031	468.07	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
30.60	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.80	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.00	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.20	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.40	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.60	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.80	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.00	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.20	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.40	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.60	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
32.80	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
33.00	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.20	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
33.40	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
33.60	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
33.80	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
34.00	0.030	468.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.20	0.030	468.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.40	0.030	468.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.60	0.030	468.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
34.80	0.030	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.00	0.030	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.20	0.030	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.40	0.030	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.60	0.030	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.80	0.030	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.00	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.20	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.40	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.60	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.80	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.00	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.20	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.40	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.60	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
37.80	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.00	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.20	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.40	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
38.60	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.80	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
39.00	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
39.20	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.40	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.60	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
39.80	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.00	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.20	0.028	468.06	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.40	0.027	468.06	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.60	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.80	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
41.00	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
41.20	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.40	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.60	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
41.80	0.027	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.00	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.20	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.40	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.60	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
42.80	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.00	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.20	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.40	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.60	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.80	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.00	0.025	468.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.20	0.025	468.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.40	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.60	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.80	0.024	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.00	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.20	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.40	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.60	0.024	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.80	0.024	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.00	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.20	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.40	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.60	0.023	468.04	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.80	0.023	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.00	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.20	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.40	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.60	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.80	0.022	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.00	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.20	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.40	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
48.60	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.021
48.80	0.021	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.00	0.020	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.20	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.40	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
49.60	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
49.80	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.00	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
50.20	0.018	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.40	0.018	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.60	0.017	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
50.80	0.017	468.01	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.00	0.017	468.01	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
51.20	0.016	468.01	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.40	0.016	468.01	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.60	0.015	468.01	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
51.80	0.015	468.01	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.00	0.015	468.01	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.20	0.014	468.00	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.40	0.014	468.00	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.60	0.013	468.00	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
52.80	0.013	468.00	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.00	0.013	468.00	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.20	0.012	468.00	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
53.40	0.012	467.99	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.60	0.011	467.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.80	0.011	467.99	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.00	0.011	467.99	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.20	0.010	467.99	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
54.40	0.010	467.99	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.60	0.009	467.98	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
54.80	0.009	467.98	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.00	0.009	467.98	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.20	0.008	467.98	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
55.40	0.008	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.60	0.007	467.98	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
55.80	0.007	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.00	0.007	467.97	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.20	0.006	467.97	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
56.40	0.006	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.60	0.005	467.97	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
56.80	0.005	467.96	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
57.00	0.004	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.20	0.004	467.96	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.40	0.004	467.96	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
57.60	0.003	467.96	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.80	0.003	467.95	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
58.00	0.003	467.95	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
58.20	0.002	467.95	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.40	0.002	467.95	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.60	0.002	467.94	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.80	0.002	467.94	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.00	0.002	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.20	0.001	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.40	0.001	467.94	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.60	0.001	467.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.80	0.001	467.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.00	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.20	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.40	0.001	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.60	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.80	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.00	0.000	467.93	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
61.20	0.000	467.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.40	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.60	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
61.80	0.000	467.92	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.035 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.83 hrs
Time interval	= 2 min	Hyd. volume	= 4,119 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Reservoir name	= SSDEDB #4
Max. Elevation	= 453.56 ft	Max. Storage	= 2,832 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.20	0.007	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.40	0.008	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.60	0.008	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
6.80	0.009	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.00	0.010	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.20	0.011	451.76	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.40	0.011	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.60	0.012	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.80	0.013	451.77	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.00	0.014	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.20	0.015	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.40	0.017	451.80	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.60	0.019	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
8.80	0.022	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.00	0.024	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.20	0.025	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.40	0.026	451.86	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.60	0.027	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.80	0.031	451.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.00	0.035	451.90	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.20	0.040	451.92	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.40	0.045	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.60	0.052	451.98	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.80	0.062	452.01	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.00	0.072	452.06	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.20	0.091	452.11	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.40	0.115	452.18	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
11.60	0.249	452.28	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.80	0.900	452.54	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
12.00	1.465	453.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
12.20	0.236	453.30	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
12.40	0.173	453.36	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.60	0.120	453.40	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.80	0.105	453.43	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.00	0.091	453.46	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.20	0.081	453.48	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.40	0.073	453.49	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.60	0.066	453.51	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.80	0.060	453.52	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.00	0.054	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.20	0.051	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.40	0.049	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.60	0.047	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
14.80	0.045	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
15.00	0.043	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
15.20	0.041	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
15.40	0.039	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
15.60	0.037	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.80	0.035	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.00	0.033	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.20	0.032	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.40	0.032	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.60	0.031	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
16.80	0.030	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.00	0.030	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.20	0.029	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.40	0.028	453.55	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.60	0.027	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
17.80	0.027	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.00	0.026	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.20	0.025	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.40	0.025	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.60	0.024	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
18.80	0.023	453.52	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.00	0.022	453.52	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.20	0.022	453.51	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
19.40	0.021	453.51	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
19.60	0.020	453.50	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
19.80	0.020	453.50	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.00	0.019	453.49	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.20	0.019	453.49	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.40	0.018	453.48	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.60	0.018	453.47	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
20.80	0.018	453.47	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.00	0.018	453.46	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.20	0.018	453.46	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.40	0.018	453.45	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.60	0.018	453.44	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
21.80	0.017	453.44	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
22.00	0.017	453.43	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
22.20	0.017	453.42	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
22.40	0.017	453.42	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
22.60	0.017	453.41	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
22.80	0.017	453.41	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.00	0.017	453.40	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.20	0.016	453.39	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.40	0.016	453.39	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.60	0.016	453.38	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
23.80	0.016	453.37	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
24.00	0.016	453.37	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
24.20	0.000	453.36	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
24.40	0.000	453.34	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
24.60	0.000	453.33	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
24.80	0.000	453.32	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.00	0.000	453.31	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.20	0.000	453.30	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.40	0.000	453.28	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.60	0.000	453.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
25.80	0.000	453.26	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.00	0.000	453.25	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.20	0.000	453.24	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.40	0.000	453.22	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.60	0.000	453.21	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
26.80	0.000	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.00	0.000	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.20	0.000	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.40	0.000	453.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.60	0.000	453.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.80	0.000	453.14	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.00	0.000	453.13	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.20	0.000	453.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
28.40	0.000	453.11	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
28.60	0.000	453.10	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
28.80	0.000	453.09	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.00	0.000	453.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.20	0.000	453.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.40	0.000	453.05	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.60	0.000	453.04	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.80	0.000	453.03	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.00	0.000	453.02	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.20	0.000	453.01	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.40	0.000	453.00	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.60	0.000	452.99	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.80	0.000	452.98	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
31.00	0.000	452.97	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
31.20	0.000	452.96	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
31.40	0.000	452.95	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.60	0.000	452.93	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.80	0.000	452.92	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.00	0.000	452.91	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.20	0.000	452.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.40	0.000	452.89	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.60	0.000	452.88	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.80	0.000	452.87	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
33.00	0.000	452.86	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.20	0.000	452.85	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.40	0.000	452.84	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.60	0.000	452.83	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.80	0.000	452.82	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.00	0.000	452.81	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.20	0.000	452.80	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.40	0.000	452.79	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.60	0.000	452.78	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.80	0.000	452.77	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.00	0.000	452.76	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.20	0.000	452.76	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.40	0.000	452.75	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.60	0.000	452.74	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.80	0.000	452.73	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
36.00	0.000	452.72	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
36.20	0.000	452.71	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.40	0.000	452.70	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.60	0.000	452.69	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.80	0.000	452.68	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.00	0.000	452.67	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.20	0.000	452.66	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.40	0.000	452.65	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.60	0.000	452.64	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.80	0.000	452.63	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.00	0.000	452.62	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.20	0.000	452.61	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.40	0.000	452.59	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.60	0.000	452.58	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.80	0.000	452.58	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.00	0.000	452.57	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.20	0.000	452.56	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.40	0.000	452.55	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.60	0.000	452.54	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.80	0.000	452.53	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
40.00	0.000	452.52	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
40.20	0.000	452.51	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
40.40	0.000	452.50	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.60	0.000	452.49	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.80	0.000	452.48	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.00	0.000	452.47	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.20	0.000	452.46	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.40	0.000	452.45	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.60	0.000	452.44	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
41.80	0.000	452.43	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.00	0.000	452.42	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.20	0.000	452.41	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.40	0.000	452.41	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.60	0.000	452.40	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.80	0.000	452.39	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
43.00	0.000	452.38	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
43.20	0.000	452.37	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
43.40	0.000	452.36	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
43.60	0.000	452.34	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.80	0.000	452.33	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
44.00	0.000	452.31	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
44.20	0.000	452.30	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
44.40	0.000	452.28	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
44.60	0.000	452.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
44.80	0.000	452.25	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
45.00	0.000	452.24	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
45.20	0.000	452.22	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
45.40	0.000	452.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
45.60	0.000	452.19	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
45.80	0.000	452.18	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
46.00	0.000	452.17	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
46.20	0.000	452.15	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
46.40	0.000	452.14	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
46.60	0.000	452.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
46.80	0.000	452.12	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
47.00	0.000	452.10	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.20	0.000	452.09	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.40	0.000	452.08	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.60	0.000	452.07	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.80	0.000	452.05	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.00	0.000	452.04	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.20	0.000	452.03	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.40	0.000	452.02	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.60	0.000	452.01	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
48.80	0.000	452.00	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
49.00	0.000	451.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
49.20	0.000	451.98	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.40	0.000	451.97	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
49.60	0.000	451.96	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
49.80	0.000	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
50.00	0.000	451.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
50.20	0.000	451.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
50.40	0.000	451.92	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
50.60	0.000	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
50.80	0.000	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
51.00	0.000	451.90	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
51.20	0.000	451.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
51.40	0.000	451.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
51.60	0.000	451.87	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
51.80	0.000	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.00	0.000	451.86	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.20	0.000	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
52.40	0.000	451.85	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
52.60	0.000	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
52.80	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
53.00	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
53.20	0.000	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.40	0.000	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.60	0.000	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
53.80	0.000	451.80	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
54.00	0.000	451.80	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.20	0.000	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.40	0.000	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
54.60	0.000	451.78	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
54.80	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.00	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
55.20	0.000	451.77	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
55.40	0.000	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.60	0.000	451.77	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
55.80	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.00	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.20	0.000	451.76	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.40	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.60	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
56.80	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.00	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.20	0.000	451.75	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
57.40	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
57.60	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
57.80	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.00	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.20	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.40	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.60	0.000	451.74	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
58.80	0.000	451.73	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.00	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.20	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.40	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.60	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
59.80	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.00	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.20	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
60.40	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.60	0.000	451.73	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.132 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.90 hrs
Time interval	= 2 min	Hyd. volume	= 9,566 cuft
Inflow hyd. No.	= 14 - SSDEDB #4 Out	Reservoir name	= SSDEDB #5
Max. Elevation	= 449.48 ft	Max. Storage	= 3,126 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.40	0.008	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.60	0.010	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.80	0.012	447.79	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.00	0.014	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.20	0.017	447.80	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.40	0.019	447.81	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.021	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.80	0.024	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.00	0.028	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.20	0.033	447.85	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.40	0.039	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.60	0.046	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.80	0.055	447.89	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.00	0.067	447.92	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
11.20	0.082	447.94	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
11.40	0.108	447.98	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
11.60	0.159	448.04	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
11.80	0.578	448.21	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
12.00	1.885	448.70	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
12.20	1.089	449.18	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.40	0.358	449.33	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
12.60	0.266	449.39	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
12.80	0.213	449.42	0.131	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
13.00	0.190	449.45	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
13.20	0.170	449.46	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
13.40	0.157	449.47	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
13.60	0.145	449.48	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
13.80	0.135	449.48	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
14.00	0.127	449.48	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
14.20	0.119	449.48	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.40	0.116	449.47	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.60	0.113	449.47	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.80	0.110	449.46	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
15.00	0.107	449.46	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
15.20	0.104	449.45	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
15.40	0.101	449.44	0.134	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
15.60	0.098	449.43	0.132	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
15.80	0.094	449.42	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
16.00	0.091	449.41	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
16.20	0.089	449.40	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
16.40	0.087	449.38	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
16.60	0.086	449.37	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
16.80	0.085	449.36	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
17.00	0.084	449.34	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
17.20	0.083	449.33	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.40	0.082	449.32	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
17.60	0.081	449.31	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
17.80	0.079	449.29	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.00	0.078	449.28	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
18.20	0.077	449.26	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.40	0.076	449.25	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
18.60	0.075	449.24	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
18.80	0.074	449.22	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.00	0.072	449.21	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.20	0.071	449.19	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.40	0.070	449.18	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
19.60	0.069	449.16	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
19.80	0.068	449.15	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
20.00	0.066	449.13	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.20	0.065	449.12	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.40	0.065	449.10	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
20.60	0.065	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
20.80	0.064	449.07	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
21.00	0.064	449.05	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
21.20	0.064	449.04	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.40	0.063	449.02	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
21.60	0.063	449.01	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
21.80	0.063	449.00	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
22.00	0.063	448.98	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
22.20	0.062	448.97	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
22.40	0.062	448.95	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
22.60	0.062	448.94	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
22.80	0.062	448.93	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
23.00	0.061	448.91	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
23.20	0.061	448.90	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
23.40	0.061	448.88	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.60	0.060	448.87	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
23.80	0.060	448.86	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
24.00	0.060	448.85	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
24.20	0.044	448.83	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
24.40	0.033	448.81	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
24.60	0.033	448.79	0.101	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
24.80	0.033	448.77	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
25.00	0.032	448.75	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
25.20	0.032	448.73	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
25.40	0.032	448.71	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
25.60	0.032	448.68	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
25.80	0.032	448.66	0.094	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
26.00	0.032	448.64	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
26.20	0.032	448.62	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
26.40	0.032	448.60	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
26.60	0.031	448.58	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
26.80	0.031	448.56	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
27.00	0.031	448.54	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
27.20	0.031	448.52	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
27.40	0.031	448.51	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
27.60	0.031	448.49	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
27.80	0.031	448.47	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
28.00	0.031	448.45	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
28.20	0.030	448.44	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
28.40	0.030	448.42	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
28.60	0.030	448.39	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
28.80	0.030	448.36	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
29.00	0.030	448.33	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.20	0.030	448.31	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
29.40	0.030	448.28	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
29.60	0.030	448.26	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
29.80	0.029	448.23	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
30.00	0.029	448.21	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
30.20	0.029	448.19	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
30.40	0.029	448.17	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
30.60	0.029	448.15	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.80	0.029	448.13	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.00	0.029	448.11	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
31.20	0.029	448.10	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
31.40	0.028	448.08	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
31.60	0.028	448.07	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.80	0.028	448.06	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
32.00	0.028	448.04	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
32.20	0.028	448.03	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.40	0.028	448.02	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.60	0.028	448.01	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.80	0.028	448.00	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.00	0.027	447.99	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.20	0.027	447.98	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
33.40	0.027	447.97	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
33.60	0.027	447.97	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.80	0.027	447.96	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
34.00	0.027	447.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
34.20	0.027	447.95	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
34.40	0.027	447.94	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
34.60	0.026	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.80	0.026	447.93	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
35.00	0.026	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.20	0.026	447.92	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
35.40	0.026	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
35.60	0.026	447.92	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
35.80	0.026	447.91	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
36.00	0.026	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.20	0.025	447.91	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
36.40	0.025	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
36.60	0.025	447.91	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
36.80	0.025	447.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
37.00	0.025	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
37.20	0.025	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
37.40	0.025	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
37.60	0.024	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
37.80	0.024	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.00	0.024	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.20	0.024	447.89	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
38.40	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
38.60	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
38.80	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.00	0.023	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.20	0.023	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
39.40	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.60	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
39.80	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
40.00	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
40.20	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.40	0.022	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
40.60	0.022	447.88	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
40.80	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.00	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.20	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.40	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.60	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
41.80	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.00	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.20	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.40	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.60	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.80	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
43.00	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
43.20	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
43.40	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
43.60	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
43.80	0.020	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
44.00	0.019	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
44.20	0.019	447.87	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
44.40	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
44.60	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
44.80	0.018	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
45.00	0.018	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
45.20	0.018	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
45.40	0.018	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
45.60	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
45.80	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.00	0.017	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.20	0.017	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.40	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.60	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.80	0.016	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.00	0.015	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.20	0.015	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.40	0.015	447.86	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.60	0.015	447.86	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
47.80	0.014	447.86	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
48.00	0.014	447.85	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
48.20	0.014	447.85	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
48.40	0.014	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
48.60	0.013	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
48.80	0.013	447.85	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
49.00	0.013	447.85	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
49.20	0.013	447.85	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
49.40	0.012	447.85	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
49.60	0.012	447.85	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
49.80	0.012	447.85	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
50.00	0.012	447.84	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
50.20	0.011	447.84	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
50.40	0.011	447.84	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
50.60	0.011	447.84	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
50.80	0.011	447.84	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
51.00	0.010	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
51.20	0.010	447.84	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
51.40	0.010	447.84	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.60	0.010	447.84	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
51.80	0.009	447.83	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
52.00	0.009	447.83	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
52.20	0.009	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
52.40	0.008	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
52.60	0.008	447.83	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
52.80	0.008	447.83	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
53.00	0.008	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
53.20	0.007	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
53.40	0.007	447.83	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
53.60	0.007	447.82	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
53.80	0.007	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
54.00	0.006	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
54.20	0.006	447.82	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
54.40	0.006	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
54.60	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
54.80	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
55.00	0.005	447.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
55.20	0.005	447.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
55.40	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
55.60	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
55.80	0.004	447.81	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.00	0.004	447.81	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
56.20	0.003	447.81	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.40	0.003	447.81	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.60	0.003	447.80	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.80	0.003	447.80	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
57.00	0.003	447.80	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.20	0.002	447.80	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.40	0.002	447.80	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.60	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
57.80	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.00	0.002	447.80	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
58.20	0.002	447.79	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.40	0.002	447.79	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.60	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.80	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.00	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.20	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.40	0.001	447.79	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.60	0.001	447.79	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.80	0.001	447.79	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.00	0.001	447.79	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.20	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.40	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.60	0.001	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.80	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.00	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.20	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.40	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.60	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
61.80	0.000	447.78	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
62.00	0.000	447.78	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
62.20	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
62.40	0.000	447.77	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.486 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.37 hrs
Time interval	= 2 min	Hyd. volume	= 27,594 cuft
Inflow hyd. No.	= 17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6	Reservoir name	= SSDEDB #6
Max. Elevation	= 450.72 ft	Max. Storage	= 7,272 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.40	0.028	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.034	446.93	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.80	0.042	446.94	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.00	0.052	446.96	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.20	0.063	446.99	0.026	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.40	0.078	447.02	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
10.60	0.095	447.05	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
10.80	0.118	447.10	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
11.00	0.146	447.16	0.050	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
11.20	0.186	447.23	0.059	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
11.40	0.246	447.33	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
11.60	0.421	447.49	0.083	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
11.80	1.786	447.82	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.00	4.992	448.94	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
12.20	1.055	449.83	0.182	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
12.40	0.826	450.11	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
12.60	0.649	450.33	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
12.80	0.587	450.50	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
13.00	0.543	450.65	0.282	0.199	-----	-----	0.081	-----	-----	-----	-----	0.280
13.20	0.509	450.71	0.473	0.199	-----	-----	0.259	-----	-----	-----	-----	0.458

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.40	0.484	450.72	0.501	0.199	-----	-----	0.287	-----	-----	-----	-----	0.486
13.60	0.460	450.72	0.487	0.199	-----	-----	0.273	-----	-----	-----	-----	0.472
13.80	0.441	450.71	0.469	0.199	-----	-----	0.254	-----	-----	-----	-----	0.454
14.00	0.423	450.71	0.452	0.199	-----	-----	0.236	-----	-----	-----	-----	0.435
14.20	0.409	450.70	0.436	0.199	-----	-----	0.220	-----	-----	-----	-----	0.419
14.40	0.402	450.70	0.426	0.199	-----	-----	0.209	-----	-----	-----	-----	0.408
14.60	0.395	450.70	0.418	0.199	-----	-----	0.201	-----	-----	-----	-----	0.400
14.80	0.388	450.69	0.411	0.199	-----	-----	0.194	-----	-----	-----	-----	0.393
15.00	0.380	450.69	0.404	0.199	-----	-----	0.186	-----	-----	-----	-----	0.385
15.20	0.373	450.69	0.397	0.199	-----	-----	0.179	-----	-----	-----	-----	0.378
15.40	0.365	450.69	0.389	0.199	-----	-----	0.171	-----	-----	-----	-----	0.370
15.60	0.357	450.68	0.382	0.199	-----	-----	0.163	-----	-----	-----	-----	0.362
15.80	0.349	450.68	0.374	0.199	-----	-----	0.156	-----	-----	-----	-----	0.355
16.00	0.341	450.68	0.365	0.199	-----	-----	0.149	-----	-----	-----	-----	0.348
16.20	0.335	450.68	0.356	0.199	-----	-----	0.142	-----	-----	-----	-----	0.341
16.40	0.331	450.67	0.350	0.199	-----	-----	0.136	-----	-----	-----	-----	0.335
16.60	0.327	450.67	0.344	0.199	-----	-----	0.132	-----	-----	-----	-----	0.331
16.80	0.323	450.67	0.339	0.199	-----	-----	0.128	-----	-----	-----	-----	0.327
17.00	0.319	450.67	0.334	0.199	-----	-----	0.124	-----	-----	-----	-----	0.323
17.20	0.315	450.67	0.329	0.199	-----	-----	0.120	-----	-----	-----	-----	0.319
17.40	0.312	450.67	0.325	0.199	-----	-----	0.116	-----	-----	-----	-----	0.315
17.60	0.308	450.66	0.320	0.199	-----	-----	0.112	-----	-----	-----	-----	0.311
17.80	0.303	450.66	0.315	0.199	-----	-----	0.108	-----	-----	-----	-----	0.307
18.00	0.299	450.66	0.310	0.199	-----	-----	0.104	-----	-----	-----	-----	0.303
18.20	0.295	450.66	0.305	0.199	-----	-----	0.100	-----	-----	-----	-----	0.299
18.40	0.291	450.66	0.300	0.199	-----	-----	0.095	-----	-----	-----	-----	0.295
18.60	0.287	450.66	0.295	0.199	-----	-----	0.091	-----	-----	-----	-----	0.290
18.80	0.283	450.65	0.290	0.199	-----	-----	0.087	-----	-----	-----	-----	0.286

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.00	0.279	450.65	0.285	0.199	-----	-----	0.083	-----	-----	-----	-----	0.282
19.20	0.275	450.65	0.280	0.199	-----	-----	0.079	-----	-----	-----	-----	0.278
19.40	0.270	450.65	0.274	0.199	-----	-----	0.075	-----	-----	-----	-----	0.274
19.60	0.266	450.65	0.271	0.199	-----	-----	0.071	-----	-----	-----	-----	0.270
19.80	0.262	450.65	0.268	0.199	-----	-----	0.068	-----	-----	-----	-----	0.267
20.00	0.257	450.64	0.264	0.199	-----	-----	0.064	-----	-----	-----	-----	0.263
20.20	0.253	450.64	0.260	0.199	-----	-----	0.059	-----	-----	-----	-----	0.258
20.40	0.250	450.64	0.257	0.199	-----	-----	0.055	-----	-----	-----	-----	0.254
20.60	0.247	450.64	0.254	0.199	-----	-----	0.052	-----	-----	-----	-----	0.251
20.80	0.244	450.64	0.252	0.199	-----	-----	0.049	-----	-----	-----	-----	0.248
21.00	0.241	450.63	0.249	0.199	-----	-----	0.046	-----	-----	-----	-----	0.245
21.20	0.239	450.63	0.247	0.199	-----	-----	0.043	-----	-----	-----	-----	0.242
21.40	0.236	450.63	0.245	0.199	-----	-----	0.041	-----	-----	-----	-----	0.240
21.60	0.234	450.63	0.243	0.199	-----	-----	0.038	-----	-----	-----	-----	0.237
21.80	0.232	450.63	0.240	0.199	-----	-----	0.036	-----	-----	-----	-----	0.235
22.00	0.229	450.63	0.238	0.199	-----	-----	0.033	-----	-----	-----	-----	0.232
22.20	0.227	450.63	0.237	0.199	-----	-----	0.031	-----	-----	-----	-----	0.230
22.40	0.225	450.62	0.235	0.199	-----	-----	0.029	-----	-----	-----	-----	0.228
22.60	0.223	450.62	0.233	0.199	-----	-----	0.027	-----	-----	-----	-----	0.226
22.80	0.222	450.62	0.231	0.199	-----	-----	0.025	-----	-----	-----	-----	0.224
23.00	0.220	450.62	0.230	0.199	-----	-----	0.023	-----	-----	-----	-----	0.222
23.20	0.218	450.62	0.228	0.199	-----	-----	0.021	-----	-----	-----	-----	0.220
23.40	0.216	450.62	0.227	0.199	-----	-----	0.019	-----	-----	-----	-----	0.218
23.60	0.214	450.62	0.225	0.199	-----	-----	0.018	-----	-----	-----	-----	0.217
23.80	0.213	450.62	0.224	0.199	-----	-----	0.016	-----	-----	-----	-----	0.215
24.00	0.211	450.62	0.222	0.199	-----	-----	0.014	-----	-----	-----	-----	0.213
24.20	0.157	450.60	0.214	0.199	-----	-----	0.009	-----	-----	-----	-----	0.207
24.40	0.151	450.58	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198

Continues on next page...

SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.60	0.148	450.56	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
24.80	0.145	450.54	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
25.00	0.142	450.51	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
25.20	0.139	450.49	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
25.40	0.137	450.47	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
25.60	0.134	450.44	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
25.80	0.132	450.42	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
26.00	0.130	450.39	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
26.20	0.128	450.37	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
26.40	0.126	450.34	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
26.60	0.124	450.31	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
26.80	0.122	450.29	0.201	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
27.00	0.120	450.26	0.201	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
27.20	0.119	450.23	0.201	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
27.40	0.117	450.20	0.195	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
27.60	0.116	450.17	0.187	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
27.80	0.114	450.15	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
28.00	0.113	450.12	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
28.20	0.111	450.09	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
28.40	0.110	450.06	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
28.60	0.108	450.04	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
28.80	0.106	450.01	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
29.00	0.104	449.98	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
29.20	0.102	449.95	0.182	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
29.40	0.100	449.92	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
29.60	0.098	449.89	0.182	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
29.80	0.096	449.86	0.182	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
30.00	0.094	449.83	0.182	0.176	-----	-----	-----	-----	-----	-----	-----	0.176

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.20	0.092	449.80	0.182	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
30.40	0.090	449.77	0.182	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
30.60	0.088	449.74	0.182	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
30.80	0.087	449.71	0.182	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
31.00	0.085	449.68	0.182	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
31.20	0.084	449.65	0.182	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
31.40	0.082	449.61	0.181	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
31.60	0.081	449.58	0.168	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
31.80	0.079	449.55	0.167	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
32.00	0.078	449.52	0.166	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
32.20	0.076	449.49	0.165	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
32.40	0.075	449.46	0.165	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
32.60	0.074	449.43	0.164	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
32.80	0.073	449.40	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
33.00	0.072	449.37	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
33.20	0.071	449.33	0.164	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
33.40	0.070	449.30	0.164	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
33.60	0.069	449.27	0.164	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
33.80	0.068	449.24	0.164	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
34.00	0.067	449.21	0.164	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
34.20	0.066	449.18	0.164	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
34.40	0.065	449.15	0.164	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
34.60	0.064	449.12	0.164	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
34.80	0.063	449.09	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
35.00	0.062	449.06	0.151	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
35.20	0.062	449.03	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
35.40	0.061	449.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
35.60	0.060	448.97	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.80	0.060	448.94	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
36.00	0.059	448.92	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
36.20	0.058	448.89	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
36.40	0.058	448.86	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
36.60	0.057	448.83	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
36.80	0.057	448.80	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
37.00	0.057	448.78	0.148	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
37.20	0.056	448.75	0.148	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
37.40	0.056	448.72	0.148	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
37.60	0.055	448.69	0.148	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
37.80	0.055	448.67	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
38.00	0.055	448.64	0.135	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
38.20	0.054	448.62	0.134	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
38.40	0.054	448.59	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
38.60	0.054	448.57	0.133	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
38.80	0.054	448.54	0.133	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
39.00	0.053	448.52	0.133	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
39.20	0.053	448.49	0.133	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
39.40	0.053	448.47	0.133	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
39.60	0.052	448.44	0.133	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
39.80	0.052	448.42	0.133	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
40.00	0.052	448.40	0.133	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
40.20	0.052	448.37	0.133	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
40.40	0.051	448.35	0.133	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
40.60	0.051	448.33	0.125	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
40.80	0.051	448.31	0.121	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
41.00	0.051	448.28	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
41.20	0.050	448.26	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.40	0.050	448.24	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
41.60	0.050	448.22	0.118	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
41.80	0.049	448.20	0.118	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
42.00	0.049	448.18	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
42.20	0.049	448.16	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
42.40	0.049	448.14	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
42.60	0.048	448.12	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
42.80	0.048	448.10	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
43.00	0.048	448.08	0.116	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
43.20	0.048	448.06	0.111	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
43.40	0.047	448.04	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
43.60	0.047	448.02	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
43.80	0.047	448.00	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
44.00	0.046	447.98	0.106	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
44.20	0.046	447.96	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
44.40	0.046	447.94	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
44.60	0.045	447.93	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
44.80	0.045	447.91	0.105	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
45.00	0.044	447.89	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
45.20	0.044	447.87	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
45.40	0.044	447.86	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
45.60	0.043	447.84	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
45.80	0.043	447.82	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
46.00	0.042	447.80	0.100	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
46.20	0.042	447.78	0.095	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
46.40	0.041	447.76	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
46.60	0.041	447.74	0.093	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
46.80	0.041	447.72	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.00	0.040	447.71	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
47.20	0.040	447.69	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
47.40	0.039	447.67	0.093	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
47.60	0.039	447.65	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
47.80	0.038	447.64	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
48.00	0.038	447.62	0.086	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
48.20	0.037	447.60	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
48.40	0.037	447.59	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
48.60	0.036	447.57	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
48.80	0.036	447.55	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
49.00	0.036	447.54	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
49.20	0.035	447.52	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
49.40	0.035	447.50	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
49.60	0.034	447.47	0.079	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
49.80	0.033	447.44	0.074	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
50.00	0.033	447.41	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
50.20	0.032	447.39	0.073	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
50.40	0.032	447.36	0.073	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
50.60	0.031	447.34	0.070	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
50.80	0.030	447.32	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
51.00	0.030	447.30	0.064	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
51.20	0.029	447.27	0.064	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
51.40	0.028	447.25	0.064	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
51.60	0.028	447.23	0.060	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
51.80	0.027	447.21	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
52.00	0.027	447.20	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
52.20	0.026	447.18	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
52.40	0.025	447.16	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.60	0.025	447.15	0.049	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
52.80	0.024	447.13	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.00	0.023	447.12	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
53.20	0.023	447.10	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
53.40	0.022	447.09	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
53.60	0.021	447.08	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
53.80	0.021	447.06	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
54.00	0.020	447.05	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
54.20	0.019	447.04	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
54.40	0.019	447.03	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
54.60	0.018	447.02	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
54.80	0.017	447.01	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
55.00	0.017	447.01	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
55.20	0.016	447.00	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
55.40	0.016	446.99	0.027	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
55.60	0.015	446.99	0.026	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.80	0.014	446.98	0.024	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.00	0.014	446.97	0.023	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
56.20	0.013	446.97	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
56.40	0.012	446.97	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
56.60	0.012	446.96	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
56.80	0.011	446.96	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
57.00	0.011	446.95	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
57.20	0.010	446.95	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
57.40	0.010	446.95	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
57.60	0.009	446.94	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
57.80	0.009	446.94	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
58.00	0.008	446.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
58.20	0.008	446.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
58.40	0.007	446.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
58.60	0.007	446.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
58.80	0.006	446.93	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
59.00	0.006	446.93	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
59.20	0.005	446.92	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
59.40	0.005	446.92	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
59.60	0.005	446.92	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
59.80	0.004	446.92	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
60.00	0.004	446.92	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
60.20	0.004	446.91	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
60.40	0.004	446.91	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
60.60	0.004	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
60.80	0.003	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
61.00	0.003	446.91	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
61.20	0.003	446.90	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
61.40	0.003	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
61.60	0.003	446.90	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.038 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.57 hrs
Time interval	= 2 min	Hyd. volume	= 3,505 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Reservoir name	= SSDEDB #7
Max. Elevation	= 446.13 ft	Max. Storage	= 2,253 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.60	0.006	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.80	0.008	443.98	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.00	0.009	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.010	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.40	0.012	444.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.60	0.013	444.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.014	444.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
10.00	0.017	444.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.20	0.020	444.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.40	0.024	444.07	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.60	0.028	444.10	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.80	0.034	444.12	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
11.00	0.041	444.16	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.20	0.051	444.20	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.40	0.068	444.25	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.60	0.102	444.33	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
11.80	0.383	444.57	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
12.00	1.200	445.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
12.20	0.664	445.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.40	0.200	445.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.60	0.143	445.90	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
12.80	0.110	445.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
13.00	0.095	445.99	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.20	0.083	446.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.40	0.075	446.05	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.60	0.068	446.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.80	0.061	446.08	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
14.00	0.056	446.10	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
14.20	0.051	446.11	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
14.40	0.049	446.11	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
14.60	0.047	446.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
14.80	0.045	446.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
15.00	0.044	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
15.20	0.042	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
15.40	0.040	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
15.60	0.038	446.13 <<	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
<<												
15.80	0.036	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.00	0.034	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.20	0.032	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.40	0.032	446.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.60	0.031	446.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.80	0.030	446.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.00	0.030	446.11	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.20	0.029	446.11	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.40	0.028	446.10	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.60	0.028	446.09	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.80	0.027	446.09	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.00	0.026	446.08	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
18.20	0.025	446.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.40	0.025	446.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.60	0.024	446.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.80	0.023	446.05	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.00	0.023	446.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.20	0.022	446.03	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.40	0.021	446.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.60	0.021	446.01	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.80	0.020	446.00	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
20.00	0.019	445.99	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
20.20	0.019	445.98	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
20.40	0.018	445.97	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
20.60	0.018	445.96	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.80	0.018	445.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.00	0.018	445.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.20	0.018	445.93	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.40	0.018	445.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.60	0.018	445.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.80	0.017	445.90	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.00	0.017	445.89	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.20	0.017	445.88	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.40	0.017	445.87	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.60	0.017	445.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.80	0.017	445.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.00	0.017	445.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.20	0.017	445.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.40	0.016	445.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.60	0.016	445.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.80	0.016	445.79	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
24.00	0.016	445.78	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
24.20	0.006	445.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
24.40	0.000	445.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
24.60	0.000	445.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
24.80	0.000	445.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.00	0.000	445.69	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.20	0.000	445.67	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.40	0.000	445.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.60	0.000	445.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.80	0.000	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.00	0.000	445.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.20	0.000	445.57	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.40	0.000	445.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.60	0.000	445.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.80	0.000	445.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.00	0.000	445.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.20	0.000	445.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.40	0.000	445.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.60	0.000	445.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.80	0.000	445.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.00	0.000	445.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.20	0.000	445.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.40	0.000	445.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
28.60	0.000	445.36	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
28.80	0.000	445.34	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.00	0.000	445.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.20	0.000	445.31	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.40	0.000	445.29	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.60	0.000	445.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
29.80	0.000	445.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.00	0.000	445.24	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.20	0.000	445.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.40	0.000	445.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.60	0.000	445.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
30.80	0.000	445.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.00	0.000	445.16	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.20	0.000	445.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.40	0.000	445.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.60	0.000	445.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
31.80	0.000	445.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.00	0.000	445.08	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.20	0.000	445.07	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.40	0.000	445.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.60	0.000	445.04	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
32.80	0.000	445.02	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.00	0.000	445.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.20	0.000	444.99	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.40	0.000	444.98	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.60	0.000	444.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.80	0.000	444.95	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.00	0.000	444.93	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.20	0.000	444.92	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.40	0.000	444.90	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.60	0.000	444.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.80	0.000	444.87	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.00	0.000	444.86	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.20	0.000	444.84	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.40	0.000	444.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.60	0.000	444.81	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
35.80	0.000	444.80	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.00	0.000	444.78	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.20	0.000	444.77	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.40	0.000	444.75	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.60	0.000	444.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
36.80	0.000	444.72	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.00	0.000	444.71	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.20	0.000	444.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.40	0.000	444.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.60	0.000	444.67	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
37.80	0.000	444.65	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.00	0.000	444.64	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.20	0.000	444.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.40	0.000	444.61	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.60	0.000	444.59	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
38.80	0.000	444.56	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
39.00	0.000	444.54	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
39.20	0.000	444.52	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
39.40	0.000	444.50	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
39.60	0.000	444.47	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
39.80	0.000	444.45	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
40.00	0.000	444.43	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
40.20	0.000	444.41	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.40	0.000	444.39	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
40.60	0.000	444.37	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
40.80	0.000	444.35	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.00	0.000	444.33	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.20	0.000	444.32	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
41.40	0.000	444.30	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
41.60	0.000	444.28	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
41.80	0.000	444.26	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.00	0.000	444.25	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.20	0.000	444.23	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
42.40	0.000	444.22	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.60	0.000	444.20	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
42.80	0.000	444.19	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.00	0.000	444.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.20	0.000	444.16	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
43.40	0.000	444.15	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
43.60	0.000	444.14	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
43.80	0.000	444.13	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
44.00	0.000	444.11	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
44.20	0.000	444.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
44.40	0.000	444.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.60	0.000	444.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
44.80	0.000	444.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.00	0.000	444.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.20	0.000	444.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
45.40	0.000	444.05	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
45.60	0.000	444.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
45.80	0.000	444.04	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.00	0.000	444.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.20	0.000	444.02	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
46.40	0.000	444.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
46.60	0.000	444.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
46.80	0.000	444.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.00	0.000	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.20	0.000	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.40	0.000	444.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
47.60	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
47.80	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.00	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.20	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.40	0.000	443.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.60	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
48.80	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.00	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.20	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.40	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.60	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
49.80	0.000	443.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.040 cfs
Storm frequency	= 2 yrs	Time to peak	= 24.17 hrs
Time interval	= 2 min	Hyd. volume	= 6,144 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out	Reservoir name	= SSDEDB #8
Max. Elevation	= 439.45 ft	Max. Storage	= 2,567 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.60	0.004	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.80	0.005	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.00	0.005	437.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.20	0.006	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.007	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.009	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.80	0.011	437.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.00	0.013	437.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.20	0.014	437.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.40	0.016	437.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.60	0.018	437.10	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.80	0.020	437.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.023	437.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.20	0.026	437.15	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.40	0.030	437.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.60	0.034	437.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.80	0.040	437.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
11.00	0.047	437.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.20	0.057	437.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.40	0.071	437.38	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.60	0.100	437.46	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
11.80	0.325	437.66	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
12.00	0.927	438.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
12.20	0.518	438.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.40	0.179	438.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.60	0.138	438.70	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
12.80	0.115	438.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.00	0.105	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
13.20	0.096	438.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.40	0.090	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.60	0.085	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
13.80	0.081	438.93	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
14.00	0.077	438.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
14.20	0.074	438.97	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
14.40	0.073	439.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
14.60	0.071	439.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.80	0.070	439.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.00	0.069	439.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.20	0.067	439.08	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.40	0.066	439.09	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.60	0.065	439.11	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.80	0.063	439.13	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.00	0.062	439.14	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.20	0.061	439.16	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.40	0.060	439.17	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.60	0.060	439.18	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
16.80	0.059	439.19	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.00	0.059	439.21	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.20	0.058	439.22	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.40	0.058	439.23	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
17.60	0.057	439.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
17.80	0.056	439.25	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
18.00	0.056	439.26	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
18.20	0.055	439.27	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
18.40	0.055	439.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
18.60	0.054	439.29	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
18.80	0.054	439.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
19.00	0.053	439.31	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
19.20	0.053	439.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
19.40	0.052	439.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
19.60	0.051	439.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
19.80	0.051	439.34	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.00	0.050	439.35	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.20	0.050	439.35	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
20.40	0.049	439.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
20.60	0.049	439.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
20.80	0.049	439.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
21.00	0.049	439.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
21.20	0.049	439.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
21.40	0.048	439.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
21.60	0.048	439.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
21.80	0.048	439.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
22.00	0.048	439.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
22.20	0.048	439.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
22.40	0.047	439.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
22.60	0.047	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.80	0.047	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
23.00	0.047	439.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
23.20	0.047	439.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
23.40	0.046	439.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
23.60	0.046	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
23.80	0.046	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.00	0.046	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.20	0.039	439.45	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.40	0.034	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.60	0.034	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
24.80	0.034	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.00	0.034	439.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.20	0.034	439.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.40	0.033	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.60	0.033	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.80	0.033	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
26.00	0.033	439.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
26.20	0.033	439.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
26.40	0.032	439.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
26.60	0.032	439.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
26.80	0.032	439.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.00	0.032	439.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.20	0.032	439.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.40	0.031	439.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.60	0.031	439.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.80	0.031	439.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.00	0.031	439.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.20	0.031	439.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.40	0.030	439.35	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.60	0.030	439.35	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
28.80	0.030	439.34	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.00	0.030	439.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.20	0.030	439.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.40	0.030	439.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.60	0.029	439.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
29.80	0.029	439.31	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.00	0.029	439.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.20	0.029	439.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.40	0.029	439.29	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.60	0.028	439.29	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.80	0.028	439.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.00	0.028	439.27	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.20	0.028	439.27	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.40	0.028	439.26	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.60	0.027	439.25	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.80	0.027	439.25	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.00	0.027	439.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.20	0.027	439.23	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
32.40	0.027	439.23	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
32.60	0.026	439.22	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
32.80	0.026	439.21	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.00	0.026	439.20	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.20	0.026	439.20	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.40	0.026	439.19	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.60	0.026	439.18	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.80	0.025	439.18	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.00	0.025	439.17	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.20	0.025	439.16	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.40	0.025	439.15	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.60	0.024	439.14	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.80	0.024	439.14	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.00	0.024	439.13	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.20	0.024	439.12	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
35.40	0.024	439.11	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
35.60	0.023	439.10	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
35.80	0.023	439.10	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.00	0.023	439.09	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.20	0.023	439.08	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.40	0.023	439.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.60	0.022	439.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.80	0.022	439.05	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.00	0.022	439.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.20	0.022	439.03	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.40	0.021	439.03	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.60	0.021	439.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.80	0.021	439.01	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.00	0.021	439.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.20	0.021	438.99	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.40	0.020	438.98	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.60	0.020	438.97	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
38.80	0.020	438.96	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.00	0.019	438.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.20	0.019	438.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.40	0.018	438.93	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.60	0.018	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.80	0.017	438.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.00	0.017	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.20	0.017	438.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.40	0.016	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.60	0.016	438.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.80	0.015	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.00	0.015	438.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.20	0.015	438.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.40	0.014	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.60	0.014	438.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.80	0.013	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.00	0.013	438.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.20	0.013	438.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.40	0.012	438.76	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.60	0.012	438.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.80	0.011	438.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.00	0.011	438.72	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.20	0.011	438.71	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.40	0.010	438.70	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.60	0.010	438.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.80	0.010	438.67	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.00	0.009	438.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.20	0.009	438.64	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.40	0.008	438.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.60	0.008	438.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.80	0.007	438.60	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.00	0.007	438.58	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.20	0.007	438.57	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.40	0.006	438.56	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.60	0.006	438.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.80	0.005	438.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.00	0.005	438.51	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
46.20	0.005	438.50	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
46.40	0.004	438.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
46.60	0.004	438.47	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
46.80	0.003	438.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.00	0.003	438.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.20	0.003	438.42	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
47.40	0.003	438.40	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
47.60	0.002	438.39	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
47.80	0.002	438.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.00	0.002	438.36	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.20	0.002	438.34	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.40	0.002	438.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
48.60	0.001	438.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
48.80	0.001	438.29	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.00	0.001	438.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.20	0.001	438.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.40	0.001	438.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
49.60	0.001	438.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
49.80	0.001	438.22	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.00	0.000	438.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.20	0.000	438.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.40	0.000	438.17	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
50.60	0.000	438.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.80	0.000	438.14	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.00	0.000	438.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.20	0.000	438.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.40	0.000	438.09	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.60	0.000	438.08	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
51.80	0.000	438.06	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.00	0.000	438.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.20	0.000	438.03	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.40	0.000	438.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.60	0.000	438.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
52.80	0.000	437.99	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.00	0.000	437.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.20	0.000	437.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.40	0.000	437.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.60	0.000	437.93	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
53.80	0.000	437.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.00	0.000	437.90	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.20	0.000	437.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.40	0.000	437.87	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
54.60	0.000	437.85	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
54.80	0.000	437.84	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.00	0.000	437.82	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.20	0.000	437.81	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.40	0.000	437.79	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
55.60	0.000	437.78	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
55.80	0.000	437.76	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.00	0.000	437.75	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.20	0.000	437.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
56.40	0.000	437.72	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
56.60	0.000	437.71	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
56.80	0.000	437.70	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.00	0.000	437.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.20	0.000	437.67	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
57.40	0.000	437.65	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
57.60	0.000	437.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
57.80	0.000	437.60	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
58.00	0.000	437.58	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
58.20	0.000	437.55	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
58.40	0.000	437.53	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
58.60	0.000	437.51	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
58.80	0.000	437.49	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
59.00	0.000	437.47	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
59.20	0.000	437.45	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
59.40	0.000	437.43	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
59.60	0.000	437.41	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
59.80	0.000	437.39	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
60.00	0.000	437.37	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
60.20	0.000	437.35	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
60.40	0.000	437.34	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
60.60	0.000	437.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
60.80	0.000	437.30	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
61.00	0.000	437.29	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
61.20	0.000	437.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
61.40	0.000	437.26	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
61.60	0.000	437.24	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
61.80	0.000	437.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
62.00	0.000	437.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
62.20	0.000	437.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
62.40	0.000	437.19	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
62.60	0.000	437.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
62.80	0.000	437.17	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
63.00	0.000	437.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
63.20	0.000	437.15	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
63.40	0.000	437.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
63.60	0.000	437.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
63.80	0.000	437.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
64.00	0.000	437.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
64.20	0.000	437.10	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
64.40	0.000	437.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
64.60	0.000	437.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
64.80	0.000	437.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
65.00	0.000	437.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
65.20	0.000	437.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
65.40	0.000	437.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
65.60	0.000	437.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
65.80	0.000	437.06	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
66.00	0.000	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
66.20	0.000	437.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
66.40	0.000	437.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
66.60	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
66.80	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
67.00	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
67.20	0.000	437.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
67.40	0.000	437.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
67.60	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
67.80	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
68.00	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
68.20	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
68.40	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
68.60	0.000	437.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.109 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.43 hrs
Time interval	= 2 min	Hyd. volume	= 7,934 cuft
Inflow hyd. No.	= 28 - SSDEDB #8 Out	Reservoir name	= SSDEDB #9
Max. Elevation	= 430.32 ft	Max. Storage	= 832 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.20	0.005	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.40	0.006	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.007	429.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.80	0.009	429.14	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.010	429.15	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.012	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.40	0.013	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.60	0.014	429.18	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.80	0.016	429.18	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.00	0.018	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.20	0.021	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.40	0.024	429.21	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
10.60	0.027	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
10.80	0.032	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.00	0.037	429.25	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.20	0.046	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.40	0.058	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
11.60	0.112	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
11.80	0.398	429.63	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
12.00	0.705	430.19	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	0.143	430.30	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
12.40	0.116	430.32	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
12.60	0.091	430.31	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
12.80	0.084	430.30	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
13.00	0.078	430.28	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
13.20	0.074	430.26	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
13.40	0.070	430.23	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
13.60	0.067	430.21	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
13.80	0.065	430.18	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
14.00	0.062	430.16	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
14.20	0.061	430.13	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
14.40	0.060	430.10	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
14.60	0.060	430.07	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
14.80	0.059	430.04	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
15.00	0.058	430.02	0.095	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
15.20	0.057	429.99	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
15.40	0.057	429.96	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
15.60	0.056	429.93	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
15.80	0.055	429.91	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
16.00	0.054	429.88	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
16.20	0.054	429.86	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
16.40	0.053	429.83	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
16.60	0.053	429.81	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
16.80	0.053	429.79	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.00	0.053	429.77	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
17.20	0.053	429.74	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
17.40	0.052	429.70	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
17.60	0.052	429.67	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.052	429.65	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
18.00	0.052	429.62	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
18.20	0.051	429.60	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
18.40	0.051	429.58	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
18.60	0.051	429.56	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
18.80	0.051	429.54	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
19.00	0.050	429.53	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.20	0.050	429.52	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
19.40	0.050	429.50	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
19.60	0.049	429.49	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
19.80	0.049	429.48	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
20.00	0.049	429.47	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
20.20	0.049	429.46	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
20.40	0.049	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.60	0.049	429.45	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.80	0.049	429.45	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
21.00	0.049	429.44	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
21.20	0.049	429.44	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
21.40	0.049	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
21.60	0.049	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
21.80	0.049	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
22.00	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
22.20	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
22.40	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
22.60	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
22.80	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
23.00	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
23.20	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
23.60	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
23.80	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
24.00	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
24.20	0.040	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
24.40	0.040	429.39	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
24.60	0.040	429.38	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
24.80	0.040	429.38	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
25.00	0.040	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
25.20	0.040	429.36	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
25.40	0.040	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
25.60	0.040	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
25.80	0.040	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
26.00	0.040	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
26.20	0.040	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
26.40	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
26.60	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
26.80	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
27.00	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
27.20	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
27.40	0.040	429.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.60	0.040	429.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
27.80	0.040	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.00	0.040	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.20	0.040	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.40	0.040	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.60	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
28.80	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.00	0.039	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.20	0.039	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.40	0.039	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.60	0.039	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
29.80	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.00	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.20	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.40	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.60	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
30.80	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.00	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.20	0.039	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.40	0.039	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.60	0.039	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
31.80	0.039	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.00	0.039	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.20	0.038	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.40	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.60	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
32.80	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
33.00	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
33.20	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.40	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.60	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
33.80	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.00	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.20	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.40	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.60	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
34.80	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.00	0.038	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.20	0.037	429.31	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.40	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.60	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.80	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.00	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.20	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.40	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.60	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.80	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.00	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.20	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.40	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.60	0.037	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
37.80	0.036	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.00	0.036	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.20	0.036	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.40	0.036	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.60	0.036	429.30	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.80	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.00	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.20	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.40	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.60	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
39.80	0.036	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.00	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.20	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.40	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.60	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.80	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.00	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.20	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.40	0.035	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.60	0.035	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.80	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.00	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.20	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.40	0.034	429.29	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.60	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.80	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.00	0.034	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.20	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.40	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.60	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.80	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.00	0.033	429.29	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.20	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.40	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.60	0.033	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.80	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.00	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.20	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.40	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.60	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.80	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.00	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.20	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.40	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.60	0.031	429.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.80	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.00	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.20	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.40	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.60	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.80	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.00	0.030	429.27	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.20	0.030	429.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.40	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.60	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.80	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.00	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.20	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.40	0.028	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.60	0.028	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.80	0.028	429.26	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.00	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.20	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.40	0.027	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.60	0.027	429.26	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
50.80	0.027	429.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.00	0.027	429.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.20	0.027	429.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.40	0.027	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.60	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
51.80	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.00	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.20	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.40	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.60	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
52.80	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.00	0.025	429.24	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.20	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.40	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.60	0.024	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
53.80	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.00	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.20	0.024	429.24	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.40	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.60	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
54.80	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.00	0.023	429.24	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.20	0.023	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.40	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.60	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
55.80	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.00	0.022	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.20	0.022	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.40	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.60	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
56.80	0.021	429.23	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.00	0.021	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.20	0.020	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.40	0.020	429.22	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.60	0.020	429.22	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
57.80	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
58.00	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
58.20	0.018	429.22	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
58.40	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
58.60	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
58.80	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
59.00	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
59.20	0.016	429.21	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
59.40	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
59.60	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
59.80	0.015	429.21	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
60.00	0.015	429.21	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
60.20	0.014	429.20	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
60.40	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
60.60	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
60.80	0.013	429.20	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
61.00	0.013	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
61.20	0.012	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
61.40	0.012	429.19	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
61.60	0.012	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
61.80	0.011	429.19	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
62.00	0.011	429.19	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
62.20	0.010	429.19	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
62.40	0.010	429.19	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
62.60	0.010	429.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
62.80	0.009	429.18	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
63.00	0.009	429.18	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
63.20	0.008	429.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
63.40	0.008	429.18	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
63.60	0.008	429.18	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
63.80	0.007	429.17	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
64.00	0.007	429.17	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
64.20	0.006	429.17	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
64.40	0.006	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
64.60	0.006	429.17	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
64.80	0.005	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
65.00	0.005	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
65.20	0.004	429.16	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
65.40	0.004	429.16	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
65.60	0.004	429.15	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
65.80	0.003	429.15	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
66.00	0.003	429.15	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
66.20	0.003	429.15	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
66.40	0.002	429.15	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
66.60	0.002	429.14	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
66.80	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
67.00	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
67.20	0.002	429.14	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
67.40	0.001	429.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
67.60	0.001	429.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
67.80	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
68.00	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
68.20	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
68.40	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
68.60	0.001	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
68.80	0.000	429.13	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
69.00	0.000	429.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
69.20	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
69.40	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
69.60	0.000	429.12	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.132 cfs
Storm frequency	= 2 yrs	Time to peak	= 14.93 hrs
Time interval	= 2 min	Hyd. volume	= 10,970 cuft
Inflow hyd. No.	= 31 - SSDEDB #9 Out	Reservoir name	= SSDEDB #10
Max. Elevation	= 416.69 ft	Max. Storage	= 2,069 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.011	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.013	414.99	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.015	415.00	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.60	0.018	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.80	0.022	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.00	0.026	415.04	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.20	0.030	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.40	0.036	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
10.60	0.043	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.80	0.052	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.00	0.062	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
11.20	0.078	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
11.40	0.099	415.21	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
11.60	0.188	415.29	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
11.80	0.683	415.62	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
12.00	1.287	416.20	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
12.20	0.306	416.39	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
12.40	0.256	416.47	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
12.60	0.211	416.52	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
12.80	0.198	416.56	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.185	416.59	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
13.20	0.176	416.61	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
13.40	0.168	416.63	0.133	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
13.60	0.160	416.65	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
13.80	0.154	416.66	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.00	0.148	416.67	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.20	0.144	416.68	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
14.40	0.141	416.68	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
14.60	0.138	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
14.80	0.134	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
15.00	0.131	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
15.20	0.128	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
15.40	0.125	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
15.60	0.121	416.68	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
15.80	0.118	416.68	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
16.00	0.115	416.67	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
16.20	0.112	416.66	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
16.40	0.110	416.65	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
16.60	0.108	416.64	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
16.80	0.106	416.63	0.132	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
17.00	0.104	416.62	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
17.20	0.101	416.61	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
17.40	0.098	416.59	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
17.60	0.095	416.58	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
17.80	0.093	416.56	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
18.00	0.090	416.55	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
18.20	0.088	416.53	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
18.40	0.086	416.51	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.084	416.49	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
18.80	0.082	416.47	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
19.00	0.080	416.45	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
19.20	0.078	416.43	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
19.40	0.076	416.41	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
19.60	0.075	416.39	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
19.80	0.073	416.37	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
20.00	0.072	416.35	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
20.20	0.071	416.33	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
20.40	0.070	416.31	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
20.60	0.069	416.29	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
20.80	0.068	416.26	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
21.00	0.068	416.24	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
21.20	0.067	416.22	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
21.40	0.067	416.20	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
21.60	0.066	416.18	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
21.80	0.066	416.16	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
22.00	0.066	416.14	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
22.20	0.065	416.12	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
22.40	0.065	416.11	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
22.60	0.065	416.09	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
22.80	0.064	416.07	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
23.00	0.064	416.05	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
23.20	0.064	416.03	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
23.40	0.064	416.02	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
23.60	0.064	416.00	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
23.80	0.063	415.98	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
24.00	0.063	415.96	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.048	415.94	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
24.40	0.047	415.92	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
24.60	0.046	415.89	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
24.80	0.045	415.87	0.095	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
25.00	0.044	415.84	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
25.20	0.044	415.82	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
25.40	0.043	415.79	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
25.60	0.043	415.77	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
25.80	0.042	415.74	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
26.00	0.042	415.72	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
26.20	0.042	415.70	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
26.40	0.041	415.68	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
26.60	0.041	415.66	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
26.80	0.041	415.64	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
27.00	0.041	415.62	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
27.20	0.041	415.58	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
27.40	0.040	415.55	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
27.60	0.040	415.52	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
27.80	0.040	415.49	0.070	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
28.00	0.040	415.46	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
28.20	0.040	415.44	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
28.40	0.040	415.41	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
28.60	0.040	415.39	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
28.80	0.040	415.37	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
29.00	0.040	415.35	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
29.20	0.040	415.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.40	0.040	415.32	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
29.60	0.040	415.31	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.039	415.29	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
30.00	0.039	415.28	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.20	0.039	415.27	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.40	0.039	415.26	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
30.60	0.039	415.25	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.80	0.039	415.24	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.00	0.039	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.20	0.039	415.23	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.40	0.039	415.22	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.60	0.039	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
31.80	0.039	415.21	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.00	0.039	415.21	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.20	0.039	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.40	0.039	415.20	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
32.60	0.039	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
32.80	0.039	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.00	0.039	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.20	0.038	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.40	0.038	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
33.60	0.038	415.19	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
33.80	0.038	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.00	0.038	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.20	0.038	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.40	0.038	415.18	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.60	0.038	415.18	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
34.80	0.038	415.18	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.00	0.038	415.17	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.20	0.038	415.17	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.038	415.17	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.60	0.038	415.17	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.80	0.038	415.17	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
36.00	0.038	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.20	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.40	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.60	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.80	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
37.00	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
37.20	0.037	415.16	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
37.40	0.037	415.16	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
37.60	0.037	415.16	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
37.80	0.037	415.16	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.00	0.037	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.20	0.037	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.40	0.037	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.60	0.037	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
38.80	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.00	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.20	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.40	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.60	0.036	415.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.80	0.036	415.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
40.00	0.036	415.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
40.20	0.036	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.40	0.036	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.60	0.036	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.80	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
41.20	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
41.40	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
41.60	0.035	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
41.80	0.035	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.00	0.035	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.20	0.035	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.40	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.60	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.80	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.00	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.20	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.40	0.034	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.60	0.034	415.14	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
43.80	0.034	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.00	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.20	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.40	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.60	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.80	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
45.00	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
45.20	0.033	415.14	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.40	0.033	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.60	0.032	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.80	0.032	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
46.00	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
46.20	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
46.40	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.032	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.80	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.00	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.20	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.40	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.60	0.031	415.12	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.80	0.031	415.12	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
48.00	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.20	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.40	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.60	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.80	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
49.00	0.029	415.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.20	0.029	415.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.40	0.029	415.12	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.60	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.80	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
50.00	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.20	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.40	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.60	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.80	0.028	415.11	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
51.00	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.20	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.40	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.60	0.027	415.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.80	0.027	415.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
52.00	0.027	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.026	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.40	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.60	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.80	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
53.00	0.026	415.10	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.20	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.40	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.60	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.80	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
54.00	0.025	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.20	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.40	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.60	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.80	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
55.00	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.20	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.40	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.60	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.80	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
56.00	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.20	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.40	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.60	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.80	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.00	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.20	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.40	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.60	0.020	415.08	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.80	0.020	415.08	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
58.00	0.020	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
58.20	0.019	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
58.40	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
58.60	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
58.80	0.018	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
59.00	0.018	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
59.20	0.017	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
59.40	0.017	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
59.60	0.017	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
59.80	0.016	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
60.00	0.016	415.06	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
60.20	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
60.40	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
60.60	0.015	415.06	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
60.80	0.014	415.05	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
61.00	0.014	415.05	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
61.20	0.014	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
61.40	0.013	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
61.60	0.013	415.05	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
61.80	0.012	415.05	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
62.00	0.012	415.05	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
62.20	0.012	415.04	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
62.40	0.011	415.04	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
62.60	0.011	415.04	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
62.80	0.010	415.04	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
63.00	0.010	415.04	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
63.20	0.010	415.04	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
63.40	0.009	415.03	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
63.60	0.009	415.03	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
63.80	0.008	415.03	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
64.00	0.008	415.03	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
64.20	0.008	415.03	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
64.40	0.007	415.03	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
64.60	0.007	415.02	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
64.80	0.006	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
65.00	0.006	415.02	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
65.20	0.006	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
65.40	0.005	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
65.60	0.005	415.02	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
65.80	0.005	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
66.00	0.004	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
66.20	0.004	415.01	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
66.40	0.004	415.01	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
66.60	0.003	415.01	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
66.80	0.003	415.00	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
67.00	0.003	415.00	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
67.20	0.003	415.00	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
67.40	0.002	415.00	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
67.60	0.002	415.00	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
67.80	0.002	415.00	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
68.00	0.002	414.99	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
68.20	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
68.40	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
68.60	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
68.80	0.002	414.99	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
69.00	0.001	414.99	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
69.20	0.001	414.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
69.40	0.001	414.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
69.60	0.001	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
69.80	0.001	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
70.00	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
70.20	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
70.40	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
70.60	0.000	414.98	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
70.80	0.000	414.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
71.00	0.000	414.97	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.037 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.67 hrs
Time interval	= 2 min	Hyd. volume	= 3,673 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Reservoir name	= SSDEDB #11
Max. Elevation	= 418.22 ft	Max. Storage	= 2,405 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.20	0.006	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.40	0.007	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.60	0.009	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.80	0.010	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.00	0.012	416.16	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.20	0.013	416.17	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.40	0.014	416.18	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.60	0.015	416.19	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.80	0.018	416.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.00	0.021	416.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.20	0.024	416.23	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.40	0.029	416.25	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.60	0.034	416.27	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.80	0.041	416.30	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
11.00	0.049	416.34	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.20	0.063	416.39	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.40	0.082	416.45	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
11.60	0.146	416.54	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
11.80	0.618	416.84	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
12.00	1.567	417.45	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	0.260	417.86	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
12.40	0.183	417.95	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
12.60	0.127	418.01	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
12.80	0.107	418.06	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
13.00	0.093	418.09	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
13.20	0.082	418.12	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.40	0.074	418.14	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.60	0.067	418.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
13.80	0.061	418.17	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.00	0.055	418.18	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.20	0.052	418.19	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.40	0.050	418.20	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.60	0.048	418.20	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
14.80	0.046	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.00	0.044	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.20	0.042	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.40	0.040	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.60	0.038	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
15.80	0.036	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
16.00	0.034	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
16.20	0.033	418.22	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
16.40	0.032	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
16.60	0.031	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
16.80	0.031	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
17.00	0.030	418.20	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
17.20	0.029	418.20	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
17.40	0.029	418.19	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
17.60	0.028	418.19	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.027	418.18	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.00	0.026	418.18	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.20	0.026	418.17	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.40	0.025	418.17	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.60	0.024	418.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
18.80	0.024	418.15	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.00	0.023	418.15	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.20	0.022	418.14	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.40	0.022	418.13	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.60	0.021	418.12	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
19.80	0.020	418.11	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.00	0.019	418.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.20	0.019	418.09	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.40	0.019	418.09	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.60	0.019	418.08	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
20.80	0.018	418.07	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.00	0.018	418.06	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.20	0.018	418.05	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.40	0.018	418.04	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.60	0.018	418.03	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
21.80	0.018	418.02	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.00	0.018	418.01	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
22.20	0.018	418.00	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.40	0.017	417.99	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.60	0.017	417.98	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
22.80	0.017	417.97	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.00	0.017	417.96	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.20	0.017	417.95	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.017	417.94	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.60	0.017	417.94	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
23.80	0.016	417.93	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
24.00	0.016	417.92	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
24.20	0.001	417.90	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
24.40	0.000	417.88	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
24.60	0.000	417.87	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
24.80	0.000	417.85	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.00	0.000	417.83	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.20	0.000	417.81	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
25.40	0.000	417.80	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.60	0.000	417.78	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
25.80	0.000	417.76	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.00	0.000	417.74	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.20	0.000	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
26.40	0.000	417.71	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.60	0.000	417.69	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.80	0.000	417.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.00	0.000	417.66	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.20	0.000	417.64	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.40	0.000	417.63	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
27.60	0.000	417.61	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
27.80	0.000	417.59	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.00	0.000	417.58	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.20	0.000	417.56	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.40	0.000	417.55	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.60	0.000	417.53	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
28.80	0.000	417.51	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.00	0.000	417.50	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.20	0.000	417.48	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.40	0.000	417.47	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.60	0.000	417.45	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
29.80	0.000	417.44	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.00	0.000	417.42	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.20	0.000	417.41	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.40	0.000	417.39	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.60	0.000	417.38	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
30.80	0.000	417.36	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
31.00	0.000	417.35	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.20	0.000	417.33	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.40	0.000	417.32	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.60	0.000	417.31	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
31.80	0.000	417.29	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.00	0.000	417.28	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
32.20	0.000	417.26	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.40	0.000	417.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.60	0.000	417.24	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
32.80	0.000	417.22	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.00	0.000	417.21	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.20	0.000	417.20	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
33.40	0.000	417.18	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.60	0.000	417.17	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
33.80	0.000	417.16	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.00	0.000	417.14	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.20	0.000	417.13	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
34.40	0.000	417.12	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.60	0.000	417.10	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
34.80	0.000	417.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.00	0.000	417.07	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.20	0.000	417.06	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.40	0.000	417.05	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
35.60	0.000	417.03	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
35.80	0.000	417.02	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.00	0.000	417.00	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.20	0.000	416.99	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.40	0.000	416.98	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
36.60	0.000	416.96	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.80	0.000	416.95	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
37.00	0.000	416.94	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
37.20	0.000	416.92	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
37.40	0.000	416.91	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
37.60	0.000	416.90	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
37.80	0.000	416.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
38.00	0.000	416.87	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
38.20	0.000	416.86	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
38.40	0.000	416.84	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
38.60	0.000	416.83	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
38.80	0.000	416.82	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
39.00	0.000	416.81	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
39.20	0.000	416.80	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
39.40	0.000	416.78	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
39.60	0.000	416.77	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
39.80	0.000	416.75	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
40.00	0.000	416.73	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.20	0.000	416.71	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.40	0.000	416.69	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.60	0.000	416.67	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
40.80	0.000	416.65	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.00	0.000	416.63	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.20	0.000	416.61	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
41.40	0.000	416.59	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.60	0.000	416.57	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
41.80	0.000	416.55	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.00	0.000	416.53	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.20	0.000	416.52	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
42.40	0.000	416.50	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.60	0.000	416.48	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
42.80	0.000	416.47	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.00	0.000	416.45	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.20	0.000	416.44	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.40	0.000	416.42	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
43.60	0.000	416.41	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.80	0.000	416.39	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.00	0.000	416.38	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.20	0.000	416.36	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.40	0.000	416.35	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
44.60	0.000	416.34	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
44.80	0.000	416.33	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.00	0.000	416.31	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.20	0.000	416.30	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.40	0.000	416.29	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.60	0.000	416.28	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.80	0.000	416.27	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.00	0.000	416.26	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.20	0.000	416.25	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.40	0.000	416.24	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
46.60	0.000	416.23	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
46.80	0.000	416.22	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.00	0.000	416.22	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.20	0.000	416.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.40	0.000	416.20	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
47.60	0.000	416.19	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
47.80	0.000	416.19	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.00	0.000	416.18	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.20	0.000	416.18	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.40	0.000	416.17	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.60	0.000	416.17	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.80	0.000	416.16	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.00	0.000	416.16	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.20	0.000	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.40	0.000	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.60	0.000	416.15	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.80	0.000	416.15	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.00	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.20	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.40	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.60	0.000	416.14	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.80	0.000	416.14	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.00	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.20	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.40	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.60	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.80	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.00	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.20	0.000	416.13	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.079 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.93 hrs
Time interval	= 2 min	Hyd. volume	= 7,825 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out - SSDEDB #12 In	Reservoir name	= SSDEDB #12
Max. Elevation	= 415.72 ft	Max. Storage	= 2,753 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.80	0.010	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
9.00	0.012	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.20	0.015	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.40	0.017	413.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.60	0.018	413.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.80	0.021	413.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.025	413.89	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.20	0.029	413.90	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.40	0.034	413.92	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.60	0.040	413.94	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
10.80	0.048	413.96	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
11.00	0.057	413.99	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
11.20	0.070	414.02	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.40	0.091	414.07	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.60	0.133	414.14	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
11.80	0.466	414.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
12.00	1.450	414.79	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
12.20	0.827	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
12.40	0.276	415.44	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
12.60	0.208	415.50	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.80	0.168	415.55	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
13.00	0.151	415.58	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
13.20	0.137	415.61	0.078	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
13.40	0.127	415.63	0.082	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
13.60	0.119	415.65	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
13.80	0.111	415.67	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
14.00	0.105	415.68	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
14.20	0.099	415.69	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
14.40	0.097	415.70	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
14.60	0.094	415.70	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
14.80	0.092	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.00	0.090	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.20	0.088	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.40	0.086	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.60	0.083	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
15.80	0.081	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
16.00	0.079	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
16.20	0.077	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
16.40	0.076	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
16.60	0.075	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
16.80	0.074	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.00	0.073	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.20	0.072	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.40	0.071	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.60	0.070	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
17.80	0.070	415.70	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
18.00	0.069	415.70	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
18.20	0.068	415.70	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.40	0.067	415.69	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
18.60	0.066	415.69	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
18.80	0.065	415.68	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.00	0.064	415.68	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.20	0.063	415.67	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.40	0.062	415.66	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.60	0.062	415.66	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
19.80	0.061	415.65	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
20.00	0.060	415.64	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
20.20	0.059	415.64	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
20.40	0.059	415.63	0.082	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
20.60	0.058	415.62	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
20.80	0.058	415.61	0.079	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
21.00	0.058	415.61	0.078	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
21.20	0.058	415.60	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
21.40	0.057	415.59	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
21.60	0.057	415.58	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
21.80	0.057	415.57	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
22.00	0.057	415.57	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
22.20	0.056	415.56	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
22.40	0.056	415.55	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
22.60	0.056	415.54	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
22.80	0.056	415.53	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
23.00	0.055	415.53	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
23.20	0.055	415.52	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
23.40	0.055	415.51	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
23.60	0.054	415.50	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
23.80	0.054	415.49	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.00	0.054	415.49	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
24.20	0.042	415.48	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
24.40	0.034	415.46	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
24.60	0.034	415.45	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
24.80	0.034	415.43	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
25.00	0.034	415.41	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
25.20	0.034	415.40	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
25.40	0.033	415.38	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
25.60	0.033	415.37	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
25.80	0.033	415.35	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
26.00	0.033	415.34	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
26.20	0.033	415.32	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
26.40	0.032	415.31	0.071	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
26.60	0.032	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
26.80	0.032	415.28	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
27.00	0.032	415.26	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
27.20	0.032	415.25	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
27.40	0.032	415.23	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
27.60	0.031	415.22	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
27.80	0.031	415.21	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
28.00	0.031	415.19	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
28.20	0.031	415.18	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
28.40	0.031	415.16	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
28.60	0.031	415.15	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
28.80	0.030	415.13	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
29.00	0.030	415.12	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
29.20	0.030	415.11	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
29.40	0.030	415.09	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.60	0.030	415.08	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
29.80	0.029	415.07	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
30.00	0.029	415.05	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
30.20	0.029	415.04	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
30.40	0.029	415.03	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
30.60	0.029	415.01	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
30.80	0.029	415.00	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
31.00	0.028	414.99	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
31.20	0.028	414.97	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
31.40	0.028	414.96	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
31.60	0.028	414.95	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
31.80	0.028	414.94	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
32.00	0.028	414.92	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
32.20	0.027	414.91	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
32.40	0.027	414.90	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
32.60	0.027	414.89	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
32.80	0.027	414.87	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
33.00	0.027	414.86	0.061	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
33.20	0.027	414.85	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
33.40	0.026	414.84	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
33.60	0.026	414.83	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
33.80	0.026	414.81	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
34.00	0.026	414.80	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
34.20	0.026	414.79	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
34.40	0.026	414.77	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.60	0.025	414.76	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.80	0.025	414.75	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.00	0.025	414.73	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.20	0.025	414.72	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
35.40	0.025	414.71	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
35.60	0.024	414.70	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
35.80	0.024	414.68	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
36.00	0.024	414.67	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
36.20	0.024	414.66	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
36.40	0.024	414.65	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
36.60	0.023	414.63	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
36.80	0.023	414.62	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
37.00	0.023	414.61	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
37.20	0.023	414.60	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
37.40	0.023	414.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
37.60	0.022	414.57	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
37.80	0.022	414.56	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
38.00	0.022	414.55	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
38.20	0.022	414.54	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
38.40	0.022	414.53	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
38.60	0.021	414.52	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
38.80	0.021	414.50	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
39.00	0.021	414.49	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
39.20	0.021	414.48	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
39.40	0.021	414.47	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
39.60	0.020	414.45	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
39.80	0.020	414.43	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
40.00	0.020	414.41	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.20	0.019	414.40	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
40.40	0.019	414.38	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
40.60	0.019	414.36	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.80	0.018	414.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
41.00	0.018	414.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
41.20	0.018	414.30	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
41.40	0.017	414.29	0.039	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.60	0.017	414.27	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.80	0.017	414.25	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.00	0.016	414.24	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
42.20	0.016	414.22	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.40	0.015	414.20	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.60	0.015	414.19	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
42.80	0.015	414.17	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
43.00	0.014	414.16	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
43.20	0.014	414.14	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
43.40	0.014	414.13	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
43.60	0.013	414.12	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
43.80	0.013	414.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
44.00	0.013	414.09	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
44.20	0.012	414.08	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.40	0.012	414.07	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.60	0.011	414.05	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.80	0.011	414.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
45.00	0.011	414.03	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.20	0.010	414.02	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
45.40	0.010	414.01	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.60	0.010	414.00	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.80	0.009	413.99	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
46.00	0.009	413.98	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
46.20	0.009	413.97	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.40	0.008	413.96	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.60	0.008	413.95	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.80	0.007	413.94	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.00	0.007	413.94	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
47.20	0.007	413.93	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.40	0.006	413.92	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
47.60	0.006	413.92	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
47.80	0.006	413.91	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
48.00	0.005	413.90	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
48.20	0.005	413.90	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
48.40	0.004	413.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
48.60	0.004	413.89	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
48.80	0.004	413.88	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
49.00	0.003	413.88	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
49.20	0.003	413.88	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.40	0.003	413.87	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.60	0.003	413.87	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
49.80	0.002	413.87	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.00	0.002	413.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.20	0.002	413.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.40	0.002	413.86	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.60	0.002	413.86	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
50.80	0.001	413.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.00	0.001	413.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.20	0.001	413.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.40	0.001	413.85	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.60	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.80	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.00	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.20	0.001	413.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.40	0.000	413.84	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.60	0.000	413.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.80	0.000	413.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.00	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.20	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.40	0.000	413.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.60	0.000	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.80	0.000	413.83	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.00	0.000	413.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.20	0.000	413.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.40	0.000	413.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.60	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.80	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.00	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.20	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.40	0.000	413.82	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.147 cfs
Storm frequency	= 2 yrs	Time to peak	= 14.83 hrs
Time interval	= 2 min	Hyd. volume	= 12,884 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out - SSDEDB #13 In	Reservoir name	= SSDEDB #13
Max. Elevation	= 413.92 ft	Max. Storage	= 3,086 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.20	0.013	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.016	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.019	411.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.80	0.023	411.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
10.00	0.028	411.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.20	0.034	411.90	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.40	0.042	411.92	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.60	0.050	411.94	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.80	0.060	411.96	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
11.00	0.073	411.99	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
11.20	0.089	412.03	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
11.40	0.115	412.08	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
11.60	0.166	412.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
11.80	0.567	412.37	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
12.00	1.782	412.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
12.20	1.042	413.47	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
12.40	0.370	413.66	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
12.60	0.287	413.74	0.140	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
12.80	0.239	413.78	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
13.00	0.219	413.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.20	0.201	413.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
13.40	0.189	413.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
13.60	0.179	413.89	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
13.80	0.170	413.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.00	0.162	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.20	0.156	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.40	0.152	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.60	0.150	413.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
14.80	0.147	413.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
15.00	0.144	413.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
15.20	0.142	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
15.40	0.139	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
15.60	0.136	413.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
15.80	0.133	413.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
16.00	0.130	413.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
16.20	0.128	413.89	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
16.40	0.127	413.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.60	0.126	413.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
16.80	0.125	413.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
17.00	0.124	413.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
17.20	0.123	413.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
17.40	0.121	413.84	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
17.60	0.120	413.83	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
17.80	0.119	413.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
18.00	0.118	413.81	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
18.20	0.117	413.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
18.40	0.116	413.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
18.60	0.115	413.78	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.80	0.114	413.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
19.00	0.112	413.76	0.145	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
19.20	0.111	413.75	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
19.40	0.110	413.73	0.140	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
19.60	0.109	413.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
19.80	0.108	413.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.00	0.106	413.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.20	0.105	413.68	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.40	0.105	413.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
20.60	0.105	413.66	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
20.80	0.104	413.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
21.00	0.104	413.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
21.20	0.103	413.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
21.40	0.103	413.60	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
21.60	0.103	413.59	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
21.80	0.102	413.58	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
22.00	0.102	413.57	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
22.20	0.102	413.55	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
22.40	0.101	413.54	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
22.60	0.101	413.53	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
22.80	0.100	413.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
23.00	0.100	413.50	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
23.20	0.100	413.49	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
23.40	0.099	413.48	0.132	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
23.60	0.099	413.47	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
23.80	0.099	413.45	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
24.00	0.098	413.44	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
24.20	0.083	413.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.40	0.073	413.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
24.60	0.073	413.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
24.80	0.073	413.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
25.00	0.072	413.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
25.20	0.072	413.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
25.40	0.071	413.30	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
25.60	0.071	413.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
25.80	0.071	413.26	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
26.00	0.070	413.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
26.20	0.070	413.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
26.40	0.070	413.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
26.60	0.069	413.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
26.80	0.069	413.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
27.00	0.069	413.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
27.20	0.068	413.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
27.40	0.068	413.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
27.60	0.068	413.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
27.80	0.067	413.08	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
28.00	0.067	413.06	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
28.20	0.066	413.04	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
28.40	0.066	413.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
28.60	0.066	413.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
28.80	0.065	412.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
29.00	0.065	412.98	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
29.20	0.065	412.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
29.40	0.064	412.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
29.60	0.064	412.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
29.80	0.063	412.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.00	0.063	412.90	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
30.20	0.063	412.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
30.40	0.062	412.86	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
30.60	0.062	412.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
30.80	0.062	412.83	0.100	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
31.00	0.061	412.82	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
31.20	0.061	412.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
31.40	0.061	412.79	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
31.60	0.060	412.77	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
31.80	0.060	412.76	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
32.00	0.060	412.74	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
32.20	0.059	412.73	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
32.40	0.059	412.71	0.094	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
32.60	0.058	412.70	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
32.80	0.058	412.68	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
33.00	0.058	412.67	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
33.20	0.057	412.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
33.40	0.057	412.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
33.60	0.057	412.62	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
33.80	0.056	412.61	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
34.00	0.056	412.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
34.20	0.056	412.58	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
34.40	0.055	412.57	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
34.60	0.055	412.56	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
34.80	0.054	412.54	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
35.00	0.054	412.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
35.20	0.053	412.52	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
35.40	0.053	412.51	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.60	0.053	412.49	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
35.80	0.052	412.48	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
36.00	0.052	412.47	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
36.20	0.051	412.45	0.080	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
36.40	0.051	412.43	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
36.60	0.051	412.41	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
36.80	0.050	412.39	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
37.00	0.050	412.37	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
37.20	0.049	412.36	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
37.40	0.049	412.34	0.070	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
37.60	0.049	412.32	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
37.80	0.048	412.31	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
38.00	0.048	412.29	0.067	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
38.20	0.047	412.28	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
38.40	0.047	412.26	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
38.60	0.047	412.25	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
38.80	0.046	412.24	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
39.00	0.046	412.23	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
39.20	0.045	412.22	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
39.40	0.045	412.21	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
39.60	0.044	412.19	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
39.80	0.044	412.18	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
40.00	0.043	412.17	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
40.20	0.042	412.16	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
40.40	0.041	412.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.60	0.041	412.14	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.80	0.040	412.13	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.00	0.039	412.12	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.20	0.038	412.12	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
41.40	0.037	412.11	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
41.60	0.037	412.10	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
41.80	0.036	412.09	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
42.00	0.035	412.08	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
42.20	0.034	412.07	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
42.40	0.034	412.06	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
42.60	0.033	412.05	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
42.80	0.032	412.05	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
43.00	0.031	412.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.20	0.031	412.03	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.40	0.030	412.02	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
43.60	0.029	412.01	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
43.80	0.028	412.01	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
44.00	0.028	412.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
44.20	0.027	411.99	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
44.40	0.026	411.99	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.60	0.025	411.98	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
44.80	0.025	411.97	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.00	0.024	411.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.20	0.023	411.96	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
45.40	0.022	411.96	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
45.60	0.022	411.95	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
45.80	0.021	411.95	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
46.00	0.020	411.94	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.20	0.019	411.94	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
46.40	0.018	411.93	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
46.60	0.018	411.93	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.80	0.017	411.93	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
47.00	0.016	411.92	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
47.20	0.015	411.92	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
47.40	0.014	411.92	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.019
47.60	0.013	411.91	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
47.80	0.013	411.91	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
48.00	0.012	411.90	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
48.20	0.011	411.90	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
48.40	0.010	411.90	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.60	0.009	411.89	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
48.80	0.009	411.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
49.00	0.008	411.89	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
49.20	0.007	411.88	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
49.40	0.007	411.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
49.60	0.006	411.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
49.80	0.006	411.88	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
50.00	0.005	411.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
50.20	0.005	411.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
50.40	0.005	411.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
50.60	0.004	411.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
50.80	0.004	411.86	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
51.00	0.004	411.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
51.20	0.004	411.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
51.40	0.003	411.86	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
51.60	0.003	411.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
51.80	0.003	411.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
52.00	0.003	411.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
52.20	0.003	411.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.40	0.002	411.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.60	0.002	411.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.80	0.002	411.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
53.00	0.002	411.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
53.20	0.002	411.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.40	0.002	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.60	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
53.80	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
54.00	0.001	411.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
54.20	0.001	411.84	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.40	0.001	411.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.60	0.001	411.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
54.80	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.00	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.20	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.40	0.001	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.60	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
55.80	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
56.00	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
56.20	0.000	411.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.246 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.50 hrs
Time interval	= 2 min	Hyd. volume	= 16,124 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out - SSDEDB #14 In	Reservoir name	= SSDEDB #14
Max. Elevation	= 400.11 ft	Max. Storage	= 1,540 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.40	0.007	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
6.60	0.008	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
6.80	0.009	398.84	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.00	0.009	398.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
7.20	0.010	398.85	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
7.40	0.010	398.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
7.60	0.011	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
7.80	0.012	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
8.00	0.012	398.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
8.20	0.013	398.87	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
8.40	0.015	398.87	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
8.60	0.017	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
8.80	0.019	398.88	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
9.00	0.022	398.89	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
9.20	0.023	398.89	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
9.40	0.025	398.90	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
9.60	0.028	398.91	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
9.80	0.033	398.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.00	0.039	398.92	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
10.20	0.047	398.94	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.40	0.056	398.95	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
10.60	0.067	398.97	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
10.80	0.080	398.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
11.00	0.093	399.01	0.067	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
11.20	0.113	399.04	0.079	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
11.40	0.138	399.08	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
11.60	0.252	399.14	0.109	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
11.80	0.778	399.47	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
12.00	1.232	399.97	0.232	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
12.20	0.310	400.09	0.244	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
12.40	0.270	400.11	0.249	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
12.60	0.232	400.11	0.249	0.246	-----	-----	-----	-----	-----	-----	-----	0.246
12.80	0.222	400.10	0.246	0.245	-----	-----	-----	-----	-----	-----	-----	0.245
13.00	0.212	400.09	0.244	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
13.20	0.206	400.08	0.243	0.243	-----	-----	-----	-----	-----	-----	-----	0.243
13.40	0.201	400.06	0.242	0.241	-----	-----	-----	-----	-----	-----	-----	0.241
13.60	0.196	400.04	0.242	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
13.80	0.192	400.02	0.242	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
14.00	0.188	400.00	0.242	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
14.20	0.186	399.98	0.236	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
14.40	0.184	399.96	0.230	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
14.60	0.183	399.94	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
14.80	0.181	399.92	0.227	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
15.00	0.180	399.91	0.227	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
15.20	0.178	399.89	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
15.40	0.177	399.87	0.226	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
15.60	0.175	399.85	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
15.80	0.173	399.83	0.215	0.215	-----	-----	-----	-----	-----	-----	-----	0.215

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.171	399.82	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
16.20	0.170	399.80	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
16.40	0.170	399.78	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
16.60	0.169	399.76	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
16.80	0.168	399.74	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
17.00	0.167	399.73	0.209	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
17.20	0.166	399.71	0.202	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
17.40	0.165	399.69	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
17.60	0.164	399.68	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
17.80	0.163	399.66	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
18.00	0.162	399.65	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
18.20	0.161	399.64	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
18.40	0.161	399.62	0.194	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
18.60	0.160	399.61	0.189	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
18.80	0.159	399.60	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
19.00	0.158	399.59	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
19.20	0.157	399.57	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
19.40	0.156	399.56	0.183	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
19.60	0.155	399.55	0.180	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
19.80	0.154	399.54	0.176	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
20.00	0.153	399.53	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
20.20	0.152	399.52	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
20.40	0.151	399.51	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
20.60	0.151	399.50	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
20.80	0.150	399.49	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.00	0.149	399.48	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
21.20	0.149	399.47	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
21.40	0.148	399.47	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.147	399.45	0.166	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
21.80	0.147	399.44	0.161	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
22.00	0.146	399.43	0.160	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
22.20	0.146	399.42	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
22.40	0.145	399.41	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
22.60	0.144	399.40	0.158	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
22.80	0.144	399.39	0.156	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
23.00	0.143	399.38	0.153	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
23.20	0.142	399.37	0.151	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
23.40	0.142	399.37	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
23.60	0.141	399.36	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
23.80	0.141	399.36	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
24.00	0.140	399.35	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
24.20	0.127	399.34	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
24.40	0.127	399.32	0.145	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
24.60	0.126	399.31	0.141	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
24.80	0.125	399.30	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
25.00	0.124	399.29	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
25.20	0.123	399.28	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
25.40	0.122	399.27	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
25.60	0.121	399.26	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
25.80	0.120	399.25	0.133	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
26.00	0.119	399.25	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
26.20	0.118	399.24	0.129	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
26.40	0.118	399.23	0.127	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
26.60	0.117	399.23	0.125	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
26.80	0.116	399.22	0.123	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
27.00	0.115	399.22	0.122	0.121	-----	-----	-----	-----	-----	-----	-----	0.121

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.20	0.114	399.21	0.121	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
27.40	0.113	399.21	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
27.60	0.112	399.20	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
27.80	0.112	399.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
28.00	0.111	399.19	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
28.20	0.110	399.19	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
28.40	0.109	399.18	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
28.60	0.108	399.18	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
28.80	0.107	399.17	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
29.00	0.107	399.17	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
29.20	0.106	399.17	0.117	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
29.40	0.105	399.16	0.115	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
29.60	0.104	399.16	0.114	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
29.80	0.103	399.15	0.113	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
30.00	0.102	399.15	0.112	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
30.20	0.102	399.15	0.111	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
30.40	0.101	399.14	0.110	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
30.60	0.100	399.14	0.109	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
30.80	0.099	399.14	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.00	0.099	399.13	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.20	0.098	399.13	0.106	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
31.40	0.097	399.12	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
31.60	0.096	399.12	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
31.80	0.095	399.12	0.103	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
32.00	0.094	399.11	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
32.20	0.093	399.11	0.101	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
32.40	0.092	399.11	0.100	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
32.60	0.092	399.10	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.80	0.091	399.10	0.098	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
33.00	0.090	399.09	0.097	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
33.20	0.089	399.09	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
33.40	0.088	399.09	0.095	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
33.60	0.087	399.08	0.095	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
33.80	0.087	399.08	0.094	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
34.00	0.086	399.08	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
34.20	0.085	399.07	0.092	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
34.40	0.084	399.07	0.091	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
34.60	0.083	399.07	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
34.80	0.083	399.06	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
35.00	0.082	399.06	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
35.20	0.081	399.06	0.086	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
35.40	0.080	399.05	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
35.60	0.079	399.05	0.084	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
35.80	0.078	399.05	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
36.00	0.078	399.05	0.082	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
36.20	0.076	399.04	0.081	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
36.40	0.075	399.04	0.079	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
36.60	0.074	399.04	0.078	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
36.80	0.072	399.03	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
37.00	0.071	399.03	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
37.20	0.070	399.03	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
37.40	0.068	399.02	0.072	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
37.60	0.067	399.02	0.071	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
37.80	0.066	399.02	0.070	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
38.00	0.065	399.01	0.068	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
38.20	0.064	399.01	0.067	0.067	-----	-----	-----	-----	-----	-----	-----	0.067

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.40	0.063	399.01	0.066	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
38.60	0.061	399.01	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
38.80	0.060	399.00	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
39.00	0.059	399.00	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
39.20	0.058	399.00	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
39.40	0.057	399.00	0.061	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
39.60	0.057	398.99	0.059	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
39.80	0.056	398.99	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
40.00	0.055	398.99	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
40.20	0.054	398.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
40.40	0.053	398.99	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
40.60	0.052	398.98	0.054	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
40.80	0.051	398.98	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
41.00	0.050	398.98	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.20	0.049	398.98	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.40	0.048	398.98	0.050	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
41.60	0.047	398.97	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
41.80	0.046	398.97	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
42.00	0.045	398.97	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
42.20	0.044	398.97	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
42.40	0.043	398.97	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
42.60	0.043	398.96	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
42.80	0.042	398.96	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
43.00	0.041	398.96	0.043	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
43.20	0.040	398.96	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
43.40	0.039	398.96	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.60	0.038	398.95	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.80	0.037	398.95	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.00	0.036	398.95	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
44.20	0.035	398.95	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
44.40	0.034	398.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
44.60	0.033	398.94	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
44.80	0.032	398.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
45.00	0.031	398.94	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.20	0.029	398.94	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
45.40	0.028	398.93	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.60	0.027	398.93	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
45.80	0.026	398.93	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
46.00	0.025	398.93	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
46.20	0.024	398.92	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
46.40	0.023	398.92	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
46.60	0.022	398.92	0.027	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
46.80	0.021	398.92	0.026	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
47.00	0.020	398.91	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
47.20	0.019	398.91	0.024	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
47.40	0.019	398.91	0.023	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
47.60	0.018	398.91	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
47.80	0.017	398.90	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
48.00	0.016	398.90	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
48.20	0.015	398.90	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
48.40	0.014	398.90	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
48.60	0.013	398.89	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
48.80	0.013	398.89	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
49.00	0.012	398.89	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
49.20	0.011	398.89	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
49.40	0.010	398.88	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.60	0.010	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
49.80	0.009	398.88	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
50.00	0.008	398.88	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
50.20	0.008	398.87	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
50.40	0.007	398.87	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
50.60	0.007	398.87	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
50.80	0.007	398.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
51.00	0.006	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
51.20	0.006	398.86	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
51.40	0.006	398.86	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
51.60	0.005	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
51.80	0.005	398.86	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
52.00	0.005	398.86	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
52.20	0.005	398.85	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
52.40	0.004	398.85	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
52.60	0.004	398.85	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
52.80	0.004	398.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.00	0.004	398.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.20	0.003	398.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.40	0.003	398.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
53.60	0.003	398.84	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
53.80	0.003	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
54.00	0.003	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
54.20	0.002	398.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
54.40	0.002	398.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
54.60	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
54.80	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
55.00	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.20	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
55.40	0.002	398.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
55.60	0.002	398.83	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.041 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.57 hrs
Time interval	= 2 min	Hyd. volume	= 3,983 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Reservoir name	= SSDEDB #15
Max. Elevation	= 400.43 ft	Max. Storage	= 2,606 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.60	0.005	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.80	0.006	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.00	0.007	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.20	0.008	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.009	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.60	0.011	398.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.80	0.013	398.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.015	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.016	398.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.40	0.017	398.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.60	0.018	398.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.80	0.021	398.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.00	0.024	398.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.20	0.028	398.12	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
10.40	0.033	398.15	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
10.60	0.039	398.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.80	0.047	398.21	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
11.00	0.056	398.26	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
11.20	0.071	398.32	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
11.40	0.093	398.40	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.60	0.163	398.51	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.80	0.679	398.79	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
12.00	1.686	399.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
12.20	0.277	400.00	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
12.40	0.195	400.11	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
12.60	0.135	400.19	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
12.80	0.114	400.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
13.00	0.099	400.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
13.20	0.087	400.31	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
13.40	0.079	400.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
13.60	0.071	400.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
13.80	0.065	400.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
14.00	0.059	400.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
14.20	0.055	400.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
14.40	0.053	400.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
14.60	0.051	400.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
14.80	0.049	400.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
15.00	0.047	400.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
15.20	0.044	400.43	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
15.40	0.042	400.43	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
15.60	0.040	400.43	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
15.80	0.038	400.43	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
16.00	0.036	400.43	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
16.20	0.035	400.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
16.40	0.034	400.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
16.60	0.033	400.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
16.80	0.032	400.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
17.00	0.032	400.41	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.20	0.031	400.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
17.40	0.030	400.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
17.60	0.030	400.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
17.80	0.029	400.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
18.00	0.028	400.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
18.20	0.027	400.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
18.40	0.027	400.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
18.60	0.026	400.35	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
18.80	0.025	400.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
19.00	0.024	400.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
19.20	0.023	400.32	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
19.40	0.023	400.31	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
19.60	0.022	400.30	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
19.80	0.021	400.29	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.00	0.020	400.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.20	0.020	400.27	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.40	0.020	400.26	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.60	0.020	400.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
20.80	0.020	400.23	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
21.00	0.019	400.22	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
21.20	0.019	400.21	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
21.40	0.019	400.20	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
21.60	0.019	400.19	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
21.80	0.019	400.17	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
22.00	0.019	400.16	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
22.20	0.019	400.15	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
22.40	0.018	400.14	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
22.60	0.018	400.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.80	0.018	400.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
23.00	0.018	400.10	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
23.20	0.018	400.09	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
23.40	0.018	400.08	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
23.60	0.017	400.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
23.80	0.017	400.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
24.00	0.017	400.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
24.20	0.001	400.03	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
24.40	0.000	400.00	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
24.60	0.000	399.98	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
24.80	0.000	399.96	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.00	0.000	399.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.20	0.000	399.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.40	0.000	399.90	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.60	0.000	399.88	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
25.80	0.000	399.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.00	0.000	399.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.20	0.000	399.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.40	0.000	399.79	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.60	0.000	399.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
26.80	0.000	399.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.00	0.000	399.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.20	0.000	399.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.40	0.000	399.69	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.60	0.000	399.68	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
27.80	0.000	399.66	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.00	0.000	399.64	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.20	0.000	399.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.40	0.000	399.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.60	0.000	399.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
28.80	0.000	399.56	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
29.00	0.000	399.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.20	0.000	399.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.40	0.000	399.51	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.60	0.000	399.49	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
29.80	0.000	399.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
30.00	0.000	399.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.20	0.000	399.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.40	0.000	399.42	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.60	0.000	399.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
30.80	0.000	399.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.00	0.000	399.36	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
31.20	0.000	399.35	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
31.40	0.000	399.33	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
31.60	0.000	399.31	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
31.80	0.000	399.30	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
32.00	0.000	399.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.20	0.000	399.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.40	0.000	399.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.60	0.000	399.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
32.80	0.000	399.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
33.00	0.000	399.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
33.20	0.000	399.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
33.40	0.000	399.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
33.60	0.000	399.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
33.80	0.000	399.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.00	0.000	399.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.20	0.000	399.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.40	0.000	399.09	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.60	0.000	399.07	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
34.80	0.000	399.06	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
35.00	0.000	399.04	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
35.20	0.000	399.03	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.40	0.000	399.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.60	0.000	399.00	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
35.80	0.000	398.98	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
36.00	0.000	398.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
36.20	0.000	398.96	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.40	0.000	398.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.60	0.000	398.92	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
36.80	0.000	398.91	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.00	0.000	398.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
37.20	0.000	398.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.40	0.000	398.86	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.60	0.000	398.85	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
37.80	0.000	398.83	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
38.00	0.000	398.82	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.20	0.000	398.80	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.40	0.000	398.79	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.60	0.000	398.77	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
38.80	0.000	398.76	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
39.00	0.000	398.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.20	0.000	398.73	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.40	0.000	398.71	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.60	0.000	398.70	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
39.80	0.000	398.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
40.00	0.000	398.67	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.20	0.000	398.66	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.40	0.000	398.65	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.60	0.000	398.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
40.80	0.000	398.62	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.00	0.000	398.60	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.20	0.000	398.57	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
41.40	0.000	398.55	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
41.60	0.000	398.53	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
41.80	0.000	398.50	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.00	0.000	398.48	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.20	0.000	398.46	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
42.40	0.000	398.44	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.60	0.000	398.42	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
42.80	0.000	398.40	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.00	0.000	398.38	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.20	0.000	398.36	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.40	0.000	398.34	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.60	0.000	398.32	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
43.80	0.000	398.30	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.00	0.000	398.29	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.20	0.000	398.27	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.40	0.000	398.25	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.60	0.000	398.24	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
44.80	0.000	398.22	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.00	0.000	398.21	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.20	0.000	398.19	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.40	0.000	398.18	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.60	0.000	398.17	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.80	0.000	398.15	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.00	0.000	398.14	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.20	0.000	398.13	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
46.40	0.000	398.12	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.60	0.000	398.11	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.80	0.000	398.10	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.00	0.000	398.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.20	0.000	398.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
47.40	0.000	398.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.60	0.000	398.06	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
47.80	0.000	398.05	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.00	0.000	398.04	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
48.20	0.000	398.04	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.40	0.000	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.60	0.000	398.03	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
48.80	0.000	398.02	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.00	0.000	398.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.20	0.000	398.01	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
49.40	0.000	398.01	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.60	0.000	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
49.80	0.000	398.00	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
50.00	0.000	398.00	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.20	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.40	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
50.60	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.80	0.000	397.99	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
51.00	0.000	397.98	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.20	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.40	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.60	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.80	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.00	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
52.20	0.000	397.98	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.071 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.50 hrs
Time interval	= 2 min	Hyd. volume	= 7,136 cuft
Inflow hyd. No.	= 50 - SSDEDB #15 Out - SSDEDB #16 In	Reservoir name	= SSDEDB #16
Max. Elevation	= 394.56 ft	Max. Storage	= 2,101 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.60	0.005	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
6.80	0.006	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.00	0.006	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.20	0.007	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.40	0.007	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.60	0.009	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.80	0.010	393.05	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.00	0.011	393.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.20	0.013	393.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.40	0.015	393.07	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.60	0.017	393.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
8.80	0.019	393.08	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.00	0.022	393.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.20	0.024	393.10	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
9.40	0.025	393.11	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
9.60	0.027	393.12	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
9.80	0.030	393.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
10.00	0.034	393.15	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
10.20	0.038	393.16	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
10.40	0.043	393.18	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.60	0.049	393.20	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.80	0.057	393.23	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
11.00	0.066	393.26	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.20	0.082	393.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.40	0.102	393.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.60	0.206	393.43	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
11.80	0.710	393.72	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
12.00	1.171	394.21	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
12.20	0.221	394.36	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
12.40	0.173	394.41	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
12.60	0.132	394.45	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
12.80	0.121	394.47	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
13.00	0.110	394.49	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
13.20	0.103	394.50	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
13.40	0.097	394.51	0.072	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
13.60	0.091	394.52	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
13.80	0.087	394.53	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
14.00	0.083	394.54	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
14.20	0.081	394.54	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
14.40	0.079	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
14.60	0.078	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
14.80	0.076	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.00	0.075	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.20	0.073	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.40	0.072	394.56	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.60	0.070	394.56	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
15.80	0.068	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
16.00	0.067	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.20	0.066	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
16.40	0.065	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
16.60	0.065	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
16.80	0.064	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
17.00	0.064	394.54	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
17.20	0.063	394.54	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
17.40	0.062	394.54	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
17.60	0.062	394.53	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
17.80	0.061	394.53	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
18.00	0.061	394.53	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
18.20	0.060	394.52	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
18.40	0.059	394.52	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
18.60	0.059	394.51	0.072	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
18.80	0.058	394.51	0.071	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
19.00	0.057	394.50	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
19.20	0.057	394.50	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
19.40	0.056	394.49	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
19.60	0.056	394.49	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
19.80	0.055	394.48	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
20.00	0.054	394.48	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
20.20	0.054	394.47	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
20.40	0.054	394.47	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
20.60	0.053	394.46	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
20.80	0.053	394.45	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
21.00	0.053	394.45	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
21.20	0.053	394.44	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
21.40	0.053	394.44	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
21.60	0.052	394.43	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.80	0.052	394.42	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
22.00	0.052	394.42	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
22.20	0.052	394.41	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
22.40	0.051	394.40	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
22.60	0.051	394.40	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
22.80	0.051	394.39	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
23.00	0.051	394.39	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
23.20	0.051	394.38	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
23.40	0.050	394.37	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
23.60	0.050	394.37	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
23.80	0.050	394.36	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
24.00	0.050	394.35	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
24.20	0.037	394.34	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
24.40	0.037	394.33	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
24.60	0.037	394.32	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
24.80	0.036	394.31	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
25.00	0.036	394.30	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
25.20	0.036	394.29	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
25.40	0.036	394.28	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
25.60	0.036	394.27	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
25.80	0.035	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
26.00	0.035	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
26.20	0.035	394.23	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
26.40	0.035	394.22	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
26.60	0.035	394.21	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
26.80	0.034	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
27.00	0.034	394.19	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
27.20	0.034	394.18	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.40	0.034	394.17	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
27.60	0.034	394.16	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
27.80	0.033	394.15	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.00	0.033	394.14	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.20	0.033	394.13	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.40	0.033	394.12	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
28.60	0.033	394.11	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
28.80	0.033	394.09	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
29.00	0.032	394.08	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
29.20	0.032	394.07	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
29.40	0.032	394.06	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
29.60	0.032	394.05	0.060	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
29.80	0.032	394.04	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.00	0.031	394.03	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.20	0.031	394.02	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.40	0.031	394.01	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.60	0.031	394.00	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.80	0.031	393.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.00	0.030	393.98	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.20	0.030	393.97	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.40	0.030	393.96	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.60	0.030	393.95	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
31.80	0.030	393.94	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
32.00	0.029	393.93	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
32.20	0.029	393.91	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
32.40	0.029	393.90	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
32.60	0.029	393.89	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
32.80	0.029	393.88	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.00	0.028	393.87	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
33.20	0.028	393.86	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
33.40	0.028	393.85	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
33.60	0.028	393.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
33.80	0.028	393.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
34.00	0.027	393.82	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
34.20	0.027	393.81	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
34.40	0.027	393.80	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
34.60	0.027	393.79	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
34.80	0.027	393.78	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
35.00	0.027	393.77	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
35.20	0.026	393.76	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
35.40	0.026	393.75	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
35.60	0.026	393.74	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
35.80	0.026	393.73	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.00	0.026	393.72	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.20	0.025	393.71	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.40	0.025	393.70	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.60	0.025	393.69	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.80	0.025	393.68	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.00	0.025	393.67	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.20	0.024	393.66	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.40	0.024	393.65	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
37.60	0.024	393.63	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
37.80	0.024	393.61	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
38.00	0.023	393.60	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
38.20	0.023	393.58	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
38.40	0.023	393.57	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.60	0.023	393.55	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
38.80	0.023	393.54	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
39.00	0.022	393.52	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.20	0.022	393.51	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
39.40	0.022	393.49	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
39.60	0.022	393.48	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.80	0.022	393.47	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
40.00	0.021	393.46	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.20	0.021	393.44	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.40	0.021	393.43	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
40.60	0.021	393.42	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
40.80	0.020	393.41	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
41.00	0.020	393.40	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
41.20	0.020	393.38	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
41.40	0.019	393.37	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
41.60	0.019	393.36	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
41.80	0.018	393.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
42.00	0.018	393.34	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
42.20	0.018	393.33	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
42.40	0.017	393.32	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.60	0.017	393.31	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
42.80	0.016	393.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.00	0.016	393.29	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.20	0.016	393.28	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
43.40	0.015	393.27	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.60	0.015	393.26	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
43.80	0.014	393.25	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.00	0.014	393.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.20	0.014	393.23	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
44.40	0.013	393.23	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
44.60	0.013	393.22	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
44.80	0.012	393.21	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.00	0.012	393.20	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.20	0.012	393.19	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
45.40	0.011	393.18	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
45.60	0.011	393.18	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
45.80	0.010	393.17	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
46.00	0.010	393.16	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.20	0.010	393.15	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
46.40	0.009	393.15	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
46.60	0.009	393.14	0.018	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
46.80	0.008	393.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
47.00	0.008	393.13	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.20	0.008	393.12	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
47.40	0.007	393.12	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
47.60	0.007	393.11	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
47.80	0.006	393.11	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
48.00	0.006	393.10	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
48.20	0.005	393.10	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
48.40	0.005	393.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
48.60	0.005	393.09	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
48.80	0.004	393.08	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
49.00	0.004	393.08	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
49.20	0.004	393.08	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
49.40	0.003	393.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
49.60	0.003	393.07	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.80	0.003	393.07	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.00	0.002	393.06	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
50.20	0.002	393.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.40	0.002	393.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.60	0.002	393.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
50.80	0.002	393.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.00	0.001	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.20	0.001	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.40	0.001	393.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
51.60	0.001	393.05	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
51.80	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.00	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.20	0.001	393.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
52.40	0.000	393.04	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.60	0.000	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
52.80	0.000	393.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.00	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.20	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.40	0.000	393.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
53.60	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
53.80	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.00	0.000	393.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.20	0.000	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.40	0.000	393.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.60	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
54.80	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.00	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
55.20	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.40	0.000	393.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.374 cfs
Storm frequency	= 2 yrs	Time to peak	= 12.73 hrs
Time interval	= 2 min	Hyd. volume	= 15,975 cuft
Inflow hyd. No.	= 53 - SSDEDB #16 Out - SSDEDB #17 In	Reservoir name	= SSDEDB #17
Max. Elevation	= 394.91 ft	Max. Storage	= 4,162 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.017	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.20	0.022	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.40	0.026	392.22	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.60	0.030	392.23	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
9.80	0.036	392.25	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.00	0.042	392.26	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.20	0.050	392.28	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
10.40	0.060	392.30	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
10.60	0.072	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
10.80	0.087	392.34	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
11.00	0.106	392.37	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
11.20	0.133	392.40	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
11.40	0.177	392.46	0.100	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
11.60	0.275	392.54	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
11.80	1.101	392.88	0.182	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
12.00	3.475 <<	393.72	0.277	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
12.20	1.313	394.67	0.357	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
12.40	0.575	394.85	0.382	0.369	-----	-----	-----	-----	-----	-----	-----	0.369
12.60	0.427	394.91	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373
12.80	0.355	394.91	0.382	0.373	-----	-----	-----	-----	-----	-----	-----	0.373

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.320	394.89	0.382	0.372	-----	-----	-----	-----	-----	-----	-----	0.372
13.20	0.289	394.86	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
13.40	0.269	394.82	0.382	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
13.60	0.250	394.78	0.378	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
13.80	0.234	394.72	0.360	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
14.00	0.220	394.67	0.357	0.356	-----	-----	-----	-----	-----	-----	-----	0.356
14.20	0.209	394.61	0.357	0.351	-----	-----	-----	-----	-----	-----	-----	0.351
14.40	0.203	394.55	0.357	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
14.60	0.198	394.48	0.357	0.341	-----	-----	-----	-----	-----	-----	-----	0.341
14.80	0.194	394.42	0.336	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
15.00	0.189	394.36	0.334	0.332	-----	-----	-----	-----	-----	-----	-----	0.332
15.20	0.184	394.30	0.334	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
15.40	0.179	394.24	0.334	0.321	-----	-----	-----	-----	-----	-----	-----	0.321
15.60	0.173	394.18	0.317	0.316	-----	-----	-----	-----	-----	-----	-----	0.316
15.80	0.168	394.12	0.312	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
16.00	0.163	394.07	0.312	0.306	-----	-----	-----	-----	-----	-----	-----	0.306
16.20	0.159	394.01	0.312	0.301	-----	-----	-----	-----	-----	-----	-----	0.301
16.40	0.157	393.95	0.296	0.296	-----	-----	-----	-----	-----	-----	-----	0.296
16.60	0.155	393.89	0.291	0.291	-----	-----	-----	-----	-----	-----	-----	0.291
16.80	0.153	393.84	0.291	0.286	-----	-----	-----	-----	-----	-----	-----	0.286
17.00	0.151	393.79	0.291	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
17.20	0.149	393.73	0.283	0.275	-----	-----	-----	-----	-----	-----	-----	0.275
17.40	0.147	393.68	0.271	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
17.60	0.146	393.64	0.271	0.266	-----	-----	-----	-----	-----	-----	-----	0.266
17.80	0.144	393.59	0.271	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
18.00	0.142	393.54	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
18.20	0.140	393.50	0.252	0.252	-----	-----	-----	-----	-----	-----	-----	0.252
18.40	0.138	393.45	0.251	0.247	-----	-----	-----	-----	-----	-----	-----	0.247

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.136	393.41	0.251	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
18.80	0.134	393.37	0.244	0.237	-----	-----	-----	-----	-----	-----	-----	0.237
19.00	0.132	393.33	0.234	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
19.20	0.130	393.29	0.233	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
19.40	0.128	393.25	0.233	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
19.60	0.126	393.21	0.219	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
19.80	0.124	393.18	0.216	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
20.00	0.122	393.14	0.216	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
20.20	0.120	393.10	0.209	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
20.40	0.119	393.06	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
20.60	0.119	393.03	0.199	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
20.80	0.118	392.99	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
21.00	0.118	392.96	0.190	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
21.20	0.117	392.93	0.185	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
21.40	0.117	392.90	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
21.60	0.116	392.87	0.181	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
21.80	0.116	392.85	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
22.00	0.115	392.82	0.170	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
22.20	0.115	392.79	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
22.40	0.114	392.75	0.157	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
22.60	0.114	392.72	0.155	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
22.80	0.113	392.69	0.146	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
23.00	0.113	392.66	0.143	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.20	0.112	392.64	0.140	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
23.40	0.112	392.62	0.134	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
23.60	0.111	392.60	0.131	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
23.80	0.111	392.59	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
24.00	0.110	392.58	0.128	0.124	-----	-----	-----	-----	-----	-----	-----	0.124

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.077	392.55	0.121	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
24.40	0.065	392.51	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
24.60	0.065	392.48	0.106	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
24.80	0.065	392.45	0.097	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
25.00	0.064	392.42	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
25.20	0.064	392.40	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
25.40	0.064	392.39	0.081	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
25.60	0.063	392.38	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
25.80	0.063	392.37	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
26.00	0.063	392.36	0.070	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
26.20	0.063	392.36	0.068	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
26.40	0.062	392.36	0.067	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
26.60	0.062	392.35	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
26.80	0.062	392.35	0.065	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
27.00	0.061	392.35	0.065	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
27.20	0.061	392.35	0.064	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
27.40	0.061	392.35	0.064	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
27.60	0.061	392.35	0.063	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
27.80	0.060	392.35	0.063	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
28.00	0.060	392.35	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
28.20	0.060	392.35	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.40	0.059	392.34	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.60	0.059	392.34	0.061	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
28.80	0.059	392.34	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
29.00	0.058	392.34	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
29.20	0.058	392.34	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
29.40	0.058	392.34	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.059
29.60	0.057	392.34	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.057	392.34	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
30.00	0.057	392.34	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
30.20	0.057	392.34	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.40	0.056	392.34	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.60	0.056	392.34	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
30.80	0.056	392.34	0.058	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.00	0.055	392.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.20	0.055	392.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.40	0.055	392.34	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.60	0.054	392.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
31.80	0.054	392.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.00	0.054	392.33	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
32.20	0.053	392.33	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
32.40	0.053	392.33	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
32.60	0.053	392.33	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
32.80	0.052	392.33	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
33.00	0.052	392.33	0.053	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
33.20	0.052	392.33	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
33.40	0.051	392.33	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
33.60	0.051	392.33	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
33.80	0.051	392.33	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
34.00	0.050	392.33	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
34.20	0.050	392.33	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
34.40	0.050	392.32	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
34.60	0.049	392.32	0.050	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
34.80	0.049	392.32	0.050	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
35.00	0.048	392.32	0.050	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
35.20	0.048	392.32	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.048	392.32	0.049	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
35.60	0.047	392.32	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
35.80	0.047	392.32	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
36.00	0.047	392.32	0.048	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
36.20	0.046	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.40	0.046	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.60	0.046	392.32	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
36.80	0.045	392.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
37.00	0.045	392.32	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
37.20	0.045	392.31	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
37.40	0.044	392.31	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.60	0.043	392.31	0.045	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.80	0.043	392.31	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.00	0.042	392.31	0.044	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.20	0.041	392.31	0.043	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
38.40	0.041	392.31	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
38.60	0.040	392.31	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
38.80	0.040	392.30	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
39.00	0.039	392.30	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
39.20	0.038	392.30	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
39.40	0.038	392.30	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.60	0.037	392.30	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.80	0.037	392.30	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.00	0.036	392.30	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.20	0.035	392.30	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
40.40	0.035	392.29	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.60	0.034	392.29	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.80	0.034	392.29	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.033	392.29	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.20	0.033	392.29	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
41.40	0.032	392.29	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
41.60	0.032	392.29	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
41.80	0.031	392.29	0.032	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
42.00	0.030	392.28	0.032	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
42.20	0.030	392.28	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
42.40	0.029	392.28	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
42.60	0.029	392.28	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
42.80	0.028	392.28	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
43.00	0.028	392.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
43.20	0.027	392.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
43.40	0.026	392.27	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.60	0.026	392.27	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
43.80	0.025	392.27	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
44.00	0.025	392.27	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.20	0.024	392.27	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
44.40	0.023	392.27	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.60	0.023	392.27	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
44.80	0.022	392.26	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.00	0.022	392.26	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
45.20	0.021	392.26	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
45.40	0.020	392.26	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.60	0.020	392.26	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
45.80	0.019	392.26	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
46.00	0.018	392.25	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
46.20	0.018	392.25	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
46.40	0.017	392.25	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.016	392.25	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
46.80	0.016	392.25	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
47.00	0.015	392.25	0.019	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.20	0.014	392.24	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
47.40	0.014	392.24	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
47.60	0.013	392.24	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
47.80	0.012	392.24	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
48.00	0.012	392.23	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
48.20	0.011	392.23	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
48.40	0.010	392.23	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
48.60	0.009	392.23	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
48.80	0.009	392.23	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
49.00	0.008	392.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
49.20	0.008	392.22	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
49.40	0.007	392.22	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
49.60	0.007	392.22	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
49.80	0.006	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
50.00	0.006	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
50.20	0.005	392.21	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
50.40	0.005	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
50.60	0.005	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
50.80	0.004	392.21	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
51.00	0.004	392.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
51.20	0.004	392.20	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
51.40	0.004	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
51.60	0.003	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
51.80	0.003	392.20	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
52.00	0.003	392.19	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.003	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.40	0.002	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
52.60	0.002	392.19	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.064 cfs
Storm frequency	= 2 yrs	Time to peak	= 15.40 hrs
Time interval	= 2 min	Hyd. volume	= 5,885 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Reservoir name	= SSDEDB #18
Max. Elevation	= 389.53 ft	Max. Storage	= 3,787 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.00	0.008	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.20	0.010	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
8.40	0.011	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.014	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.80	0.016	387.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.019	387.07	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.021	387.08	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.40	0.023	387.09	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.60	0.025	387.11	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.80	0.028	387.12	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.00	0.033	387.14	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.20	0.039	387.16	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.40	0.046	387.18	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.60	0.054	387.21	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
10.80	0.065	387.25	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
11.00	0.079	387.29	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
11.20	0.100	387.35	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.40	0.132	387.43	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.60	0.233	387.54	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.80	0.988	387.84	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	2.507	388.59	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
12.20	0.415	389.09	0.061	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
12.40	0.293	389.21	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
12.60	0.203	389.29	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
12.80	0.171	389.34	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
13.00	0.148	389.39	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
13.20	0.131	389.42	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
13.40	0.119	389.45	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.60	0.107	389.47	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
13.80	0.097	389.48	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.00	0.089	389.50	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.20	0.082	389.51	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
14.40	0.079	389.51	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
14.60	0.076	389.52	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
14.80	0.073	389.53	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.00	0.070	389.53	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.20	0.067	389.53	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.40	0.064	389.53 <<	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
<<												
15.60	0.061	389.53	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
15.80	0.058	389.53	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.00	0.055	389.53	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.20	0.052	389.52	0.067	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.40	0.051	389.52	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.60	0.050	389.51	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
16.80	0.049	389.50	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.00	0.048	389.50	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.20	0.047	389.49	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.40	0.046	389.48	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.60	0.045	389.48	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
17.80	0.043	389.47	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.00	0.042	389.46	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.20	0.041	389.45	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.40	0.040	389.44	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.60	0.039	389.43	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
18.80	0.038	389.42	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.00	0.037	389.41	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.20	0.036	389.40	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.40	0.034	389.39	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.60	0.033	389.37	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
19.80	0.032	389.36	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
20.00	0.031	389.35	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.20	0.030	389.34	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.40	0.030	389.32	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.60	0.030	389.31	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
20.80	0.030	389.30	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
21.00	0.029	389.28	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
21.20	0.029	389.27	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.40	0.029	389.26	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.60	0.029	389.24	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.80	0.028	389.23	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
22.00	0.028	389.22	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
22.20	0.028	389.20	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.40	0.028	389.19	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.60	0.028	389.18	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.80	0.027	389.16	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.00	0.027	389.15	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.20	0.027	389.14	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.40	0.027	389.12	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.60	0.026	389.11	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.80	0.026	389.10	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.00	0.026	389.09	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.20	0.001	389.07	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.40	0.000	389.04	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.60	0.000	389.02	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.80	0.000	388.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.00	0.000	388.97	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.20	0.000	388.95	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.40	0.000	388.93	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
25.60	0.000	388.90	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
25.80	0.000	388.88	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.00	0.000	388.86	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.20	0.000	388.84	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.40	0.000	388.81	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.60	0.000	388.79	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.80	0.000	388.77	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.00	0.000	388.75	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.20	0.000	388.73	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.40	0.000	388.71	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.60	0.000	388.69	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.80	0.000	388.66	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.00	0.000	388.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.20	0.000	388.62	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
28.40	0.000	388.60	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.60	0.000	388.58	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.80	0.000	388.56	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
29.00	0.000	388.54	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.20	0.000	388.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.40	0.000	388.50	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.60	0.000	388.48	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.80	0.000	388.47	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.00	0.000	388.45	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.20	0.000	388.43	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.40	0.000	388.41	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.60	0.000	388.39	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.80	0.000	388.37	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.00	0.000	388.35	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.20	0.000	388.33	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.40	0.000	388.32	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.60	0.000	388.30	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.80	0.000	388.28	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.00	0.000	388.26	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.20	0.000	388.24	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.40	0.000	388.23	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.60	0.000	388.21	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
32.80	0.000	388.19	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.00	0.000	388.18	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.20	0.000	388.16	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.40	0.000	388.14	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.60	0.000	388.13	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.80	0.000	388.11	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
34.00	0.000	388.09	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.20	0.000	388.08	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
34.40	0.000	388.06	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
34.60	0.000	388.05	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
34.80	0.000	388.03	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
35.00	0.000	388.01	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
35.20	0.000	388.00	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.40	0.000	387.98	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
35.60	0.000	387.96	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
35.80	0.000	387.95	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.00	0.000	387.93	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
36.20	0.000	387.91	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.40	0.000	387.90	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.60	0.000	387.88	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
36.80	0.000	387.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
37.00	0.000	387.85	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
37.20	0.000	387.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
37.40	0.000	387.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
37.60	0.000	387.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
37.80	0.000	387.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
38.00	0.000	387.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
38.20	0.000	387.75	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
38.40	0.000	387.74	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
38.60	0.000	387.72	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
38.80	0.000	387.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
39.00	0.000	387.69	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
39.20	0.000	387.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
39.40	0.000	387.66	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
39.60	0.000	387.64	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
39.80	0.000	387.61	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
40.00	0.000	387.58	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.20	0.000	387.56	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
40.40	0.000	387.54	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
40.60	0.000	387.51	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
40.80	0.000	387.49	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
41.00	0.000	387.47	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
41.20	0.000	387.44	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
41.40	0.000	387.42	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
41.60	0.000	387.40	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
41.80	0.000	387.38	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
42.00	0.000	387.36	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.20	0.000	387.34	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
42.40	0.000	387.33	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
42.60	0.000	387.31	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
42.80	0.000	387.29	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
43.00	0.000	387.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
43.20	0.000	387.26	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
43.40	0.000	387.24	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
43.60	0.000	387.23	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
43.80	0.000	387.21	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
44.00	0.000	387.20	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
44.20	0.000	387.19	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
44.40	0.000	387.18	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.60	0.000	387.16	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
44.80	0.000	387.15	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
45.00	0.000	387.14	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
45.20	0.000	387.13	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.40	0.000	387.12	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
45.60	0.000	387.11	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
45.80	0.000	387.10	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.00	0.000	387.10	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
46.20	0.000	387.09	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
46.40	0.000	387.08	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
46.60	0.000	387.08	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
46.80	0.000	387.07	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
47.00	0.000	387.07	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
47.20	0.000	387.06	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
47.40	0.000	387.06	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.60	0.000	387.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
47.80	0.000	387.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
48.00	0.000	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.20	0.000	387.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.40	0.000	387.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
48.60	0.000	387.04	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
48.80	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.00	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.20	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.40	0.000	387.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.60	0.000	387.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
49.80	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.00	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.20	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.40	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.60	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
50.80	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.00	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.20	0.000	387.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.40	0.000	387.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
51.60	0.000	387.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.162 cfs
Storm frequency	= 2 yrs	Time to peak	= 17.10 hrs
Time interval	= 2 min	Hyd. volume	= 18,012 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out - SSDEDB #19 In	Reservoir name	= SSDEDB #19
Max. Elevation	= 388.04 ft	Max. Storage	= 8,460 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.20	0.020	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.024	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.60	0.030	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.80	0.035	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.00	0.042	385.57	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.20	0.049	385.58	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
9.40	0.054	385.60	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
9.60	0.058	385.61	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
9.80	0.066	385.63	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.00	0.076	385.65	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
10.20	0.088	385.67	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
10.40	0.103	385.69	0.035	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
10.60	0.120	385.72	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
10.80	0.143	385.76	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
11.00	0.171	385.80	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
11.20	0.209	385.85	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
11.40	0.270	385.92	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
11.60	0.394	386.02	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
11.80	1.386	386.23	0.082	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
12.00	4.192	386.73	0.110	0.110	-----	-----	-----	-----	-----	-----	-----	0.110

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	2.329	387.37	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
12.40	0.741	387.59	0.151	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
12.60	0.547	387.68	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
12.80	0.435	387.74	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
13.00	0.386	387.79	0.155	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
13.20	0.345	387.83	0.155	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
13.40	0.317	387.86	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
13.60	0.292	387.89	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
13.80	0.271	387.92	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
14.00	0.253	387.94	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
14.20	0.238	387.95	0.165	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
14.40	0.230	387.97	0.169	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
14.60	0.223	387.98	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
14.80	0.217	387.99	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
15.00	0.211	388.00	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
15.20	0.205	388.01	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
15.40	0.198	388.02	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
15.60	0.192	388.03	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
15.80	0.185	388.03	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
16.00	0.179	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
16.20	0.173	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
16.40	0.170	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
16.60	0.168	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
16.80	0.165	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
17.00	0.163	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
17.20	0.161	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
17.40	0.158	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
17.60	0.156	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.153	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
18.00	0.151	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
18.20	0.149	388.04	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
18.40	0.146	388.03	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
18.60	0.144	388.03	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
18.80	0.141	388.03	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
19.00	0.139	388.02	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
19.20	0.136	388.02	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
19.40	0.134	388.01	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
19.60	0.131	388.01	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
19.80	0.129	388.00	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
20.00	0.126	388.00	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
20.20	0.124	387.99	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
20.40	0.123	387.98	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
20.60	0.122	387.98	0.169	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
20.80	0.122	387.97	0.169	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
21.00	0.121	387.96	0.167	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
21.20	0.121	387.95	0.165	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
21.40	0.120	387.95	0.162	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
21.60	0.119	387.94	0.160	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
21.80	0.119	387.93	0.158	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
22.00	0.118	387.92	0.158	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
22.20	0.117	387.92	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
22.40	0.117	387.91	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
22.60	0.116	387.90	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
22.80	0.115	387.89	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
23.00	0.115	387.88	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
23.20	0.114	387.87	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.113	387.87	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
23.60	0.113	387.86	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
23.80	0.112	387.85	0.156	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
24.00	0.111	387.84	0.156	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
24.20	0.079	387.83	0.155	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
24.40	0.057	387.81	0.155	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
24.60	0.057	387.80	0.155	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
24.80	0.056	387.78	0.155	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
25.00	0.056	387.76	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
25.20	0.056	387.74	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
25.40	0.055	387.72	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
25.60	0.055	387.71	0.155	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
25.80	0.055	387.69	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
26.00	0.054	387.67	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
26.20	0.054	387.65	0.155	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
26.40	0.054	387.63	0.155	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
26.60	0.053	387.62	0.155	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
26.80	0.053	387.60	0.155	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
27.00	0.053	387.58	0.149	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
27.20	0.052	387.56	0.145	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
27.40	0.052	387.55	0.144	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
27.60	0.052	387.53	0.144	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
27.80	0.051	387.51	0.143	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
28.00	0.051	387.49	0.143	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
28.20	0.051	387.48	0.142	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
28.40	0.050	387.46	0.142	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
28.60	0.050	387.44	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
28.80	0.050	387.43	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.00	0.049	387.41	0.142	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
29.20	0.049	387.39	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
29.40	0.049	387.38	0.142	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
29.60	0.048	387.36	0.142	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
29.80	0.048	387.35	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
30.00	0.048	387.33	0.142	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
30.20	0.047	387.31	0.142	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
30.40	0.047	387.30	0.142	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
30.60	0.047	387.28	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
30.80	0.046	387.26	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
31.00	0.046	387.25	0.133	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
31.20	0.046	387.23	0.132	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
31.40	0.045	387.22	0.131	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
31.60	0.045	387.20	0.131	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
31.80	0.045	387.19	0.131	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
32.00	0.044	387.17	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
32.20	0.044	387.15	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
32.40	0.044	387.14	0.130	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
32.60	0.043	387.12	0.130	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
32.80	0.043	387.11	0.130	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
33.00	0.043	387.09	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
33.20	0.042	387.08	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
33.40	0.042	387.06	0.130	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
33.60	0.042	387.05	0.130	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
33.80	0.041	387.03	0.130	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
34.00	0.041	387.02	0.130	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
34.20	0.041	387.00	0.130	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
34.40	0.041	386.99	0.127	0.122	-----	-----	-----	-----	-----	-----	-----	0.122

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.60	0.040	386.97	0.123	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
34.80	0.040	386.96	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
35.00	0.040	386.95	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
35.20	0.039	386.93	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
35.40	0.039	386.92	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
35.60	0.038	386.90	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
35.80	0.038	386.89	0.119	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
36.00	0.038	386.87	0.119	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
36.20	0.037	386.86	0.119	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
36.40	0.037	386.85	0.119	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
36.60	0.037	386.83	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
36.80	0.036	386.82	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
37.00	0.036	386.80	0.119	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
37.20	0.035	386.79	0.119	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
37.40	0.035	386.78	0.119	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
37.60	0.035	386.76	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
37.80	0.034	386.75	0.114	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
38.00	0.034	386.74	0.110	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
38.20	0.034	386.72	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
38.40	0.033	386.71	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
38.60	0.033	386.70	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
38.80	0.033	386.68	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
39.00	0.032	386.67	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
39.20	0.032	386.66	0.108	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
39.40	0.031	386.64	0.108	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
39.60	0.031	386.63	0.108	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
39.80	0.030	386.62	0.108	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
40.00	0.029	386.60	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.20	0.029	386.59	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
40.40	0.028	386.58	0.108	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
40.60	0.027	386.56	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
40.80	0.026	386.55	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
41.00	0.026	386.54	0.101	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
41.20	0.025	386.52	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
41.40	0.024	386.51	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
41.60	0.024	386.50	0.098	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
41.80	0.023	386.48	0.098	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
42.00	0.022	386.47	0.098	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
42.20	0.022	386.45	0.098	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
42.40	0.021	386.44	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
42.60	0.020	386.42	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
42.80	0.020	386.41	0.098	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
43.00	0.019	386.39	0.097	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
43.20	0.018	386.38	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
43.40	0.018	386.36	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
43.60	0.017	386.35	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
43.80	0.016	386.33	0.089	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
44.00	0.016	386.32	0.089	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
44.20	0.015	386.31	0.089	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
44.40	0.014	386.29	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
44.60	0.014	386.28	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
44.80	0.013	386.26	0.088	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
45.00	0.012	386.25	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
45.20	0.012	386.23	0.082	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
45.40	0.011	386.22	0.081	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
45.60	0.010	386.20	0.080	0.080	-----	-----	-----	-----	-----	-----	-----	0.080

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.80	0.009	386.19	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
46.00	0.009	386.18	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
46.20	0.008	386.16	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
46.40	0.007	386.13	0.080	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
46.60	0.006	386.10	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
46.80	0.006	386.08	0.072	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
47.00	0.005	386.05	0.072	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
47.20	0.005	386.03	0.071	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
47.40	0.004	386.01	0.067	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
47.60	0.004	385.98	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
47.80	0.004	385.96	0.065	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
48.00	0.003	385.94	0.065	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
48.20	0.003	385.91	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
48.40	0.003	385.89	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
48.60	0.002	385.87	0.058	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
48.80	0.002	385.85	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
49.00	0.002	385.83	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
49.20	0.002	385.81	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
49.40	0.002	385.80	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.60	0.002	385.78	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
49.80	0.001	385.76	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
50.00	0.001	385.75	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
50.20	0.001	385.73	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
50.40	0.001	385.72	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
50.60	0.001	385.70	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.80	0.001	385.69	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
51.00	0.001	385.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
51.20	0.001	385.67	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.40	0.001	385.66	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.60	0.001	385.65	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
51.80	0.000	385.64	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
52.00	0.000	385.63	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
52.20	0.000	385.62	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
52.40	0.000	385.61	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
52.60	0.000	385.61	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
52.80	0.000	385.60	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
53.00	0.000	385.59	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
53.20	0.000	385.59	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
53.40	0.000	385.58	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
53.60	0.000	385.58	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
53.80	0.000	385.58	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
54.00	0.000	385.57	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
54.20	0.000	385.57	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
54.40	0.000	385.57	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
54.60	0.000	385.56	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
54.80	0.000	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
55.00	0.000	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
55.20	0.000	385.56	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
55.40	0.000	385.56	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
55.60	0.000	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
55.80	0.000	385.55	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
56.00	0.000	385.55	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.20	0.000	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.40	0.000	385.55	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.60	0.000	385.54	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
56.80	0.000	385.54	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.00	0.000	385.54	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.20	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.40	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.60	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
57.80	0.000	385.54	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
58.00	0.000	385.54	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.20	0.000	385.54	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.40	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.60	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
58.80	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.00	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.20	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.40	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.60	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
59.80	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.00	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.20	0.000	385.53	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.117 cfs
Storm frequency	= 2 yrs	Time to peak	= 13.80 hrs
Time interval	= 2 min	Hyd. volume	= 4,868 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Reservoir name	= SSDEDB #21
Max. Elevation	= 472.39 ft	Max. Storage	= 2,079 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.80	0.208	471.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
12.00	1.637	471.64	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
12.20	0.747	472.13	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
12.40	0.331	472.24	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
12.60	0.239	472.30	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
12.80	0.195	472.34	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.00	0.172	472.36	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
13.20	0.153	472.38	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
13.40	0.140	472.39	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
13.60	0.127	472.39	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
13.80	0.117	472.39 <<	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
<<												
14.00	0.107	472.39	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
14.20	0.100	472.39	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
14.40	0.096	472.38	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
14.60	0.093	472.37	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
14.80	0.090	472.37	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
15.00	0.087	472.36	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.20	0.083	472.35	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
15.40	0.080	472.33	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
15.60	0.076	472.32	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.80	0.073	472.31	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
16.00	0.069	472.29	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
16.20	0.066	472.28	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
16.40	0.065	472.26	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
16.60	0.064	472.25	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
16.80	0.062	472.23	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
17.00	0.061	472.21	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
17.20	0.060	472.20	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
17.40	0.059	472.18	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
17.60	0.057	472.16	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
17.80	0.056	472.15	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
18.00	0.055	472.13	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
18.20	0.054	472.11	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
18.40	0.052	472.10	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
18.60	0.051	472.08	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
18.80	0.050	472.06	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
19.00	0.048	472.04	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
19.20	0.047	472.03	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
19.40	0.045	472.01	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
19.60	0.044	471.99	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
19.80	0.043	471.97	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
20.00	0.041	471.95	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
20.20	0.040	471.93	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
20.40	0.040	471.91	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
20.60	0.040	471.88	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
20.80	0.039	471.86	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
21.00	0.039	471.84	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
21.20	0.039	471.83	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.40	0.039	471.81	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
21.60	0.038	471.79	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.80	0.038	471.77	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
22.00	0.038	471.75	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
22.20	0.038	471.73	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
22.40	0.037	471.72	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
22.60	0.037	471.70	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
22.80	0.037	471.68	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
23.00	0.037	471.67	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
23.20	0.036	471.64	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
23.40	0.036	471.61	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
23.60	0.036	471.58	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
23.80	0.036	471.56	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
24.00	0.035	471.53	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
24.20	0.009	471.50	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
24.40	0.000	471.45	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
24.60	0.000	471.41	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.80	0.000	471.37	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.00	0.000	471.33	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
25.20	0.000	471.29	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
25.40	0.000	471.26	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
25.60	0.000	471.23	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
25.80	0.000	471.20	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
26.00	0.000	471.18	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
26.20	0.000	471.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
26.40	0.000	471.13	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
26.60	0.000	471.12	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
26.80	0.000	471.11	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.00	0.000	471.09	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
27.20	0.000	471.09	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
27.40	0.000	471.08	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
27.60	0.000	471.07	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
27.80	0.000	471.07	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
28.00	0.000	471.06	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
28.20	0.000	471.06	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
28.40	0.000	471.05	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
28.60	0.000	471.05	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
28.80	0.000	471.05	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
29.00	0.000	471.04	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
29.20	0.000	471.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
29.40	0.000	471.04	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
29.60	0.000	471.04	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
29.80	0.000	471.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
30.00	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
30.20	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
30.40	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
30.60	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
30.80	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.00	0.000	471.03	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
31.20	0.000	471.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
31.40	0.000	471.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
31.60	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
31.80	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
32.00	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
32.20	0.000	471.02	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.149 cfs
Storm frequency	= 2 yrs	Time to peak	= 16.13 hrs
Time interval	= 2 min	Hyd. volume	= 9,076 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out	Reservoir name	= SSDEDB #22
Max. Elevation	= 453.00 ft	Max. Storage	= 2,747 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.20	0.007	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.009	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.60	0.010	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.80	0.012	450.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.00	0.014	450.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.20	0.015	450.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.40	0.016	450.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
9.60	0.018	450.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.80	0.021	450.89	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.00	0.024	450.90	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.20	0.029	450.91	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
10.40	0.034	450.92	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
10.60	0.040	450.94	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.80	0.049	450.96	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.00	0.058	450.98	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
11.20	0.076	451.01	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
11.40	0.100	451.06	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
11.60	0.224	451.14	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
11.80	0.890	451.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
12.00	1.670	452.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	0.367	452.54	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
12.40	0.304	452.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
12.60	0.248	452.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
12.80	0.233	452.75	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
13.00	0.218	452.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
13.20	0.208	452.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
13.40	0.200	452.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
13.60	0.192	452.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
13.80	0.185	452.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
14.00	0.179	452.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
14.20	0.175	452.93	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
14.40	0.173	452.94	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
14.60	0.170	452.96	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
14.80	0.168	452.97	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
15.00	0.165	452.97	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
15.20	0.162	452.98	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
15.40	0.160	452.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
15.60	0.157	452.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
15.80	0.154	453.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.00	0.151	453.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.20	0.149	453.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.40	0.147	453.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.60	0.146	453.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
16.80	0.144	452.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
17.00	0.143	452.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
17.20	0.141	452.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
17.40	0.139	452.98	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
17.60	0.138	452.98	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.136	452.97	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
18.00	0.134	452.96	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
18.20	0.133	452.96	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
18.40	0.131	452.95	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
18.60	0.129	452.94	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
18.80	0.128	452.93	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
19.00	0.126	452.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
19.20	0.124	452.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.40	0.122	452.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
19.60	0.121	452.89	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
19.80	0.118	452.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
20.00	0.116	452.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
20.20	0.115	452.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
20.40	0.114	452.83	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
20.60	0.112	452.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
20.80	0.111	452.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
21.00	0.110	452.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
21.20	0.108	452.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
21.40	0.107	452.76	0.145	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
21.60	0.106	452.74	0.141	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
21.80	0.104	452.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
22.00	0.103	452.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
22.20	0.102	452.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
22.40	0.101	452.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
22.60	0.099	452.65	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
22.80	0.098	452.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
23.00	0.097	452.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
23.20	0.095	452.60	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.093	452.58	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
23.60	0.090	452.56	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
23.80	0.088	452.54	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
24.00	0.087	452.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
24.20	0.065	452.49	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
24.40	0.062	452.46	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
24.60	0.058	452.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
24.80	0.054	452.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
25.00	0.051	452.36	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
25.20	0.047	452.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
25.40	0.043	452.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
25.60	0.040	452.25	0.123	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
25.80	0.036	452.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
26.00	0.032	452.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
26.20	0.027	452.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
26.40	0.023	452.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
26.60	0.019	452.05	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
26.80	0.016	452.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
27.00	0.013	451.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
27.20	0.011	451.92	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
27.40	0.009	451.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
27.60	0.008	451.84	0.100	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
27.80	0.007	451.79	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
28.00	0.006	451.75	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
28.20	0.005	451.70	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
28.40	0.005	451.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
28.60	0.004	451.61	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
28.80	0.004	451.57	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.00	0.003	451.53	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
29.20	0.003	451.49	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
29.40	0.003	451.43	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
29.60	0.002	451.36	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
29.80	0.002	451.29	0.067	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
30.00	0.002	451.23	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
30.20	0.002	451.18	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
30.40	0.002	451.13	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.60	0.002	451.08	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
30.80	0.002	451.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
31.00	0.002	451.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
31.20	0.001	450.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
31.40	0.001	450.94	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
31.60	0.001	450.92	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
31.80	0.001	450.91	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
32.00	0.001	450.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
32.20	0.001	450.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
32.40	0.001	450.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
32.60	0.001	450.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
32.80	0.001	450.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
33.00	0.001	450.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
33.20	0.000	450.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
33.40	0.000	450.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
33.60	0.000	450.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
33.80	0.000	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
34.00	0.000	450.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
34.20	0.000	450.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.40	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.60	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
34.80	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
35.00	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
35.20	0.000	450.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.141 cfs
Storm frequency	= 2 yrs	Time to peak	= 23.47 hrs
Time interval	= 2 min	Hyd. volume	= 10,583 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out	Reservoir name	= SSDEDB #23
Max. Elevation	= 446.77 ft	Max. Storage	= 2,201 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.20	0.009	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
9.40	0.012	444.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.60	0.014	444.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
9.80	0.017	444.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
10.00	0.020	444.87	0.009	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
10.20	0.024	444.89	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
10.40	0.029	444.90	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.60	0.034	444.92	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
10.80	0.041	444.93	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.00	0.049	444.96	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.20	0.059	444.98	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
11.40	0.073	445.01	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
11.60	0.122	445.06	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
11.80	0.384	445.27	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
12.00	0.716	445.71	0.094	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
12.20	0.232	445.84	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
12.40	0.210	445.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
12.60	0.190	445.95	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
12.80	0.186	445.99	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
13.00	0.181	446.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.20	0.178	446.07	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
13.40	0.176	446.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
13.60	0.174	446.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
13.80	0.172	446.16	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
14.00	0.171	446.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
14.20	0.170	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
14.40	0.170	446.24	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
14.60	0.169	446.27	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
14.80	0.169	446.29	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
15.00	0.168	446.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
15.20	0.168	446.34	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
15.40	0.167	446.36	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
15.60	0.166	446.39	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
15.80	0.165	446.41	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
16.00	0.165	446.43	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
16.20	0.164	446.44	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
16.40	0.164	446.46	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
16.60	0.163	446.48	0.132	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
16.80	0.163	446.50	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
17.00	0.163	446.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
17.20	0.162	446.53	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
17.40	0.162	446.55	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
17.60	0.161	446.56	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
17.80	0.161	446.58	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
18.00	0.160	446.59	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
18.20	0.160	446.61	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
18.40	0.159	446.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
18.60	0.158	446.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.80	0.158	446.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
19.00	0.157	446.65	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
19.20	0.156	446.66	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
19.40	0.156	446.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
19.60	0.155	446.68	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
19.80	0.154	446.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.00	0.153	446.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
20.20	0.152	446.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.40	0.152	446.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.60	0.151	446.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
20.80	0.151	446.73	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
21.00	0.150	446.73	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
21.20	0.149	446.74	0.141	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
21.40	0.149	446.74	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
21.60	0.148	446.75	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
21.80	0.147	446.75	0.144	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
22.00	0.147	446.75	0.145	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
22.20	0.146	446.76	0.146	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
22.40	0.145	446.76	0.146	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
22.60	0.144	446.76	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
22.80	0.144	446.76	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.00	0.143	446.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.20	0.142	446.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.40	0.141	446.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.60	0.140	446.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
23.80	0.139	446.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
24.00	0.138	446.77	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
24.20	0.130	446.76	0.146	0.141	-----	-----	-----	-----	-----	-----	-----	0.141

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.40	0.129	446.76	0.145	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
24.60	0.127	446.75	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
24.80	0.126	446.74	0.142	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
25.00	0.124	446.73	0.140	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
25.20	0.123	446.73	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
25.40	0.121	446.72	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
25.60	0.120	446.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
25.80	0.118	446.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
26.00	0.116	446.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
26.20	0.114	446.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
26.40	0.112	446.66	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
26.60	0.110	446.65	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
26.80	0.108	446.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
27.00	0.106	446.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
27.20	0.104	446.60	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
27.40	0.102	446.59	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
27.60	0.099	446.57	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
27.80	0.097	446.55	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
28.00	0.094	446.53	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
28.20	0.092	446.51	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
28.40	0.089	446.49	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
28.60	0.087	446.47	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
28.80	0.084	446.45	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
29.00	0.081	446.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
29.20	0.079	446.40	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
29.40	0.075	446.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
29.60	0.070	446.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
29.80	0.065	446.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.00	0.060	446.29	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
30.20	0.055	446.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
30.40	0.050	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
30.60	0.045	446.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
30.80	0.041	446.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
31.00	0.036	446.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
31.20	0.031	446.07	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
31.40	0.025	446.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
31.60	0.020	445.98	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
31.80	0.016	445.94	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
32.00	0.013	445.89	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
32.20	0.010	445.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
32.40	0.009	445.80	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
32.60	0.007	445.75	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
32.80	0.006	445.70	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
33.00	0.005	445.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
33.20	0.005	445.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
33.40	0.004	445.56	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
33.60	0.004	445.51	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
33.80	0.003	445.47	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
34.00	0.003	445.39	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
34.20	0.002	445.32	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
34.40	0.002	445.25	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
34.60	0.002	445.19	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
34.80	0.002	445.13	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
35.00	0.002	445.08	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
35.20	0.002	445.04	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
35.40	0.001	445.00	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.60	0.001	444.96	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
35.80	0.001	444.93	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
36.00	0.001	444.91	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
36.20	0.001	444.90	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
36.40	0.001	444.89	0.012	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
36.60	0.001	444.88	0.010	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
36.80	0.000	444.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
37.00	0.000	444.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
37.20	0.000	444.85	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
37.40	0.000	444.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
37.60	0.000	444.84	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
37.80	0.000	444.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
38.00	0.000	444.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
38.20	0.000	444.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
38.40	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
38.60	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
38.80	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
39.00	0.000	444.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
39.20	0.000	444.83	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.168 cfs
Storm frequency	= 2 yrs	Time to peak	= 22.27 hrs
Time interval	= 2 min	Hyd. volume	= 16,449 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out	Reservoir name	= SSDEDB #24 In
Max. Elevation	= 418.55 ft	Max. Storage	= 4,144 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.20	0.010	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
8.40	0.012	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
8.60	0.014	415.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
8.80	0.017	415.86	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
9.00	0.021	415.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.20	0.023	415.88	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.40	0.026	415.89	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
9.60	0.029	415.90	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
9.80	0.035	415.92	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.00	0.042	415.93	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.20	0.051	415.95	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
10.40	0.062	415.97	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
10.60	0.074	416.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
10.80	0.091	416.04	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
11.00	0.109	416.09	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
11.20	0.139	416.15	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
11.40	0.177	416.24	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
11.60	0.356	416.37	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
11.80	1.297	416.73	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
12.00	2.314	417.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	0.466	417.93	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
12.40	0.374	418.04	0.152	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
12.60	0.294	418.11	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
12.80	0.273	418.17	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
13.00	0.252	418.22	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
13.20	0.239	418.25	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
13.40	0.228	418.29	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
13.60	0.218	418.31	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
13.80	0.211	418.34	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
14.00	0.203	418.36	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
14.20	0.200	418.37	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
14.40	0.198	418.39	0.168	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
14.60	0.196	418.40	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
14.80	0.194	418.42	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
15.00	0.192	418.43	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
15.20	0.190	418.44	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
15.40	0.188	418.45	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
15.60	0.186	418.46	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
15.80	0.183	418.47	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
16.00	0.181	418.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
16.20	0.180	418.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
16.40	0.180	418.49	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
16.60	0.179	418.49	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
16.80	0.179	418.50	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
17.00	0.178	418.50	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
17.20	0.178	418.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
17.40	0.178	418.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
17.60	0.177	418.52	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.177	418.52	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
18.00	0.176	418.53	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
18.20	0.175	418.53	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
18.40	0.175	418.53	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
18.60	0.174	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
18.80	0.174	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
19.00	0.173	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
19.20	0.172	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
19.40	0.171	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
19.60	0.171	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
19.80	0.170	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
20.00	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
20.20	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
20.40	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
20.60	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
20.80	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.00	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.20	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.40	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.60	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
21.80	0.169	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.00	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.20	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.40	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.60	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.80	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
23.00	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
23.20	0.168	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168

Continues on next page...

SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.167	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
23.60	0.167	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
23.80	0.167	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
24.00	0.167	418.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
24.20	0.141	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
24.40	0.140	418.53	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
24.60	0.140	418.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
24.80	0.140	418.50	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
25.00	0.140	418.49	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
25.20	0.139	418.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
25.40	0.139	418.47	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
25.60	0.139	418.45	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
25.80	0.138	418.44	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
26.00	0.138	418.43	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
26.20	0.137	418.42	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
26.40	0.137	418.41	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
26.60	0.136	418.40	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
26.80	0.136	418.39	0.167	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
27.00	0.135	418.37	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
27.20	0.135	418.36	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
27.40	0.134	418.35	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
27.60	0.133	418.34	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
27.80	0.132	418.33	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
28.00	0.132	418.31	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
28.20	0.131	418.30	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
28.40	0.130	418.29	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
28.60	0.129	418.27	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
28.80	0.128	418.26	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.00	0.127	418.25	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
29.20	0.126	418.23	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
29.40	0.125	418.22	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
29.60	0.124	418.21	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
29.80	0.123	418.19	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
30.00	0.121	418.18	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
30.20	0.120	418.16	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
30.40	0.118	418.15	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
30.60	0.117	418.13	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
30.80	0.115	418.11	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
31.00	0.113	418.10	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
31.20	0.111	418.08	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
31.40	0.109	418.06	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
31.60	0.107	418.04	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
31.80	0.105	418.03	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
32.00	0.102	418.01	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
32.20	0.100	417.99	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
32.40	0.098	417.97	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
32.60	0.095	417.94	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
32.80	0.092	417.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
33.00	0.089	417.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
33.20	0.086	417.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
33.40	0.083	417.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
33.60	0.081	417.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
33.80	0.077	417.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
34.00	0.072	417.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
34.20	0.067	417.74	0.141	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
34.40	0.061	417.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.60	0.056	417.68	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
34.80	0.051	417.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
35.00	0.045	417.61	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
35.20	0.040	417.57	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
35.40	0.035	417.53	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
35.60	0.029	417.49	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
35.80	0.023	417.45	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
36.00	0.018	417.41	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
36.20	0.014	417.36	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
36.40	0.011	417.32	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
36.60	0.009	417.27	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
36.80	0.007	417.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
37.00	0.006	417.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
37.20	0.005	417.14	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
37.40	0.004	417.10	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
37.60	0.004	417.05	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
37.80	0.003	417.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
38.00	0.003	416.97	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
38.20	0.002	416.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
38.40	0.002	416.89	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
38.60	0.002	416.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
38.80	0.002	416.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
39.00	0.002	416.77	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
39.20	0.001	416.73	0.098	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
39.40	0.001	416.69	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
39.60	0.001	416.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
39.80	0.001	416.61	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
40.00	0.001	416.57	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.20	0.001	416.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
40.40	0.001	416.50	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
40.60	0.000	416.46	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
40.80	0.000	416.40	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
41.00	0.000	416.34	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
41.20	0.000	416.28	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
41.40	0.000	416.23	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
41.60	0.000	416.18	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
41.80	0.000	416.13	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.00	0.000	416.09	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
42.20	0.000	416.05	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
42.40	0.000	416.02	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
42.60	0.000	415.99	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.80	0.000	415.96	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
43.00	0.000	415.94	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
43.20	0.000	415.92	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
43.40	0.000	415.90	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
43.60	0.000	415.89	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
43.80	0.000	415.88	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
44.00	0.000	415.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
44.20	0.000	415.87	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
44.40	0.000	415.86	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
44.60	0.000	415.86	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
44.80	0.000	415.85	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
45.00	0.000	415.85	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.20	0.000	415.85	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
45.40	0.000	415.84	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
45.60	0.000	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.80	0.000	415.84	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
46.00	0.000	415.84	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
46.20	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
46.40	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
46.60	0.000	415.83	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.191 cfs
Storm frequency	= 2 yrs	Time to peak	= 18.17 hrs
Time interval	= 2 min	Hyd. volume	= 19,608 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out - SSDEDB #25 In	Reservoir name	= SSDEDB #25
Max. Elevation	= 409.30 ft	Max. Storage	= 4,177 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.013	405.34	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
9.20	0.017	405.36	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
9.40	0.020	405.37	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
9.60	0.024	405.39	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.80	0.030	405.41	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
10.00	0.036	405.43	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.20	0.043	405.46	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
10.40	0.051	405.49	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
10.60	0.060	405.53	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.80	0.071	405.58	0.030	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.00	0.083	405.64	0.031	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.20	0.102	405.71	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
11.40	0.126	405.80	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
11.60	0.223	405.93	0.048	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
11.80	0.734	406.20	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
12.00	1.367	406.93	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
12.20	0.353	407.22	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
12.40	0.304	407.37	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
12.60	0.260	407.49	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
12.80	0.249	407.59	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.238	407.68	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
13.20	0.231	407.77	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
13.40	0.225	407.85	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
13.60	0.220	407.93	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
13.80	0.216	408.01	0.095	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
14.00	0.211	408.09	0.102	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
14.20	0.209	408.16	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
14.40	0.208	408.23	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
14.60	0.207	408.30	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
14.80	0.205	408.37	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
15.00	0.204	408.44	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
15.20	0.203	408.51	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
15.40	0.201	408.58	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
15.60	0.200	408.64	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
15.80	0.198	408.71	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
16.00	0.197	408.77	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
16.20	0.196	408.84	0.118	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
16.40	0.196	408.90	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
16.60	0.195	408.96	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
16.80	0.195	409.03	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
17.00	0.194	409.09	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
17.20	0.194	409.16	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
17.40	0.193	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
17.60	0.193	409.28	0.156	0.116	-----	-----	0.034	-----	-----	-----	-----	0.150
17.80	0.192	409.30	0.194	0.116	-----	-----	0.067	-----	-----	-----	-----	0.183
18.00	0.192	409.30	0.202	0.116	-----	-----	0.075	-----	-----	-----	-----	0.190
18.20	0.191	409.30	0.204	0.116	-----	-----	0.076	-----	-----	-----	-----	0.191
18.40	0.191	409.30	0.203	0.116	-----	-----	0.075	-----	-----	-----	-----	0.191

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.190	409.30	0.203	0.116	-----	-----	0.075	-----	-----	-----	-----	0.190
18.80	0.190	409.30	0.202	0.116	-----	-----	0.074	-----	-----	-----	-----	0.190
19.00	0.189	409.30	0.201	0.116	-----	-----	0.074	-----	-----	-----	-----	0.189
19.20	0.188	409.30	0.201	0.116	-----	-----	0.073	-----	-----	-----	-----	0.189
19.40	0.188	409.30	0.200	0.116	-----	-----	0.073	-----	-----	-----	-----	0.188
19.60	0.187	409.30	0.200	0.116	-----	-----	0.072	-----	-----	-----	-----	0.188
19.80	0.187	409.30	0.199	0.116	-----	-----	0.071	-----	-----	-----	-----	0.187
20.00	0.186	409.30	0.198	0.116	-----	-----	0.071	-----	-----	-----	-----	0.186
20.20	0.186	409.30	0.198	0.116	-----	-----	0.070	-----	-----	-----	-----	0.186
20.40	0.186	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.186
20.60	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.186
20.80	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.185
21.00	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.185
21.20	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.185
21.40	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.185
21.60	0.185	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.185
21.80	0.185	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.185
22.00	0.185	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.185
22.20	0.184	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.185
22.40	0.184	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.184
22.60	0.184	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.184
22.80	0.184	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.184
23.00	0.184	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.184
23.20	0.184	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.184
23.40	0.184	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.184
23.60	0.184	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.184
23.80	0.183	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.183
24.00	0.183	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.183

Continues on next page...

SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.168	409.29	0.184	0.116	-----	-----	0.058	-----	-----	-----	-----	0.174
24.40	0.168	409.29	0.178	0.116	-----	-----	0.054	-----	-----	-----	-----	0.169
24.60	0.167	409.29	0.177	0.116	-----	-----	0.052	-----	-----	-----	-----	0.168
24.80	0.167	409.29	0.176	0.116	-----	-----	0.051	-----	-----	-----	-----	0.167
25.00	0.166	409.29	0.175	0.116	-----	-----	0.051	-----	-----	-----	-----	0.167
25.20	0.166	409.29	0.175	0.116	-----	-----	0.051	-----	-----	-----	-----	0.166
25.40	0.166	409.29	0.174	0.116	-----	-----	0.050	-----	-----	-----	-----	0.166
25.60	0.165	409.29	0.174	0.116	-----	-----	0.050	-----	-----	-----	-----	0.165
25.80	0.165	409.29	0.174	0.116	-----	-----	0.049	-----	-----	-----	-----	0.165
26.00	0.164	409.29	0.173	0.116	-----	-----	0.049	-----	-----	-----	-----	0.165
26.20	0.164	409.29	0.173	0.116	-----	-----	0.049	-----	-----	-----	-----	0.164
26.40	0.164	409.29	0.172	0.116	-----	-----	0.048	-----	-----	-----	-----	0.164
26.60	0.163	409.29	0.172	0.116	-----	-----	0.048	-----	-----	-----	-----	0.163
26.80	0.163	409.29	0.171	0.116	-----	-----	0.047	-----	-----	-----	-----	0.163
27.00	0.162	409.28	0.171	0.116	-----	-----	0.047	-----	-----	-----	-----	0.163
27.20	0.162	409.28	0.170	0.116	-----	-----	0.047	-----	-----	-----	-----	0.162
27.40	0.162	409.28	0.170	0.116	-----	-----	0.046	-----	-----	-----	-----	0.162
27.60	0.161	409.28	0.170	0.116	-----	-----	0.046	-----	-----	-----	-----	0.162
27.80	0.161	409.28	0.169	0.116	-----	-----	0.046	-----	-----	-----	-----	0.161
28.00	0.160	409.28	0.169	0.116	-----	-----	0.045	-----	-----	-----	-----	0.161
28.20	0.160	409.28	0.168	0.116	-----	-----	0.045	-----	-----	-----	-----	0.160
28.40	0.160	409.28	0.168	0.116	-----	-----	0.044	-----	-----	-----	-----	0.160
28.60	0.159	409.28	0.167	0.116	-----	-----	0.044	-----	-----	-----	-----	0.159
28.80	0.159	409.28	0.167	0.116	-----	-----	0.043	-----	-----	-----	-----	0.159
29.00	0.158	409.28	0.166	0.116	-----	-----	0.043	-----	-----	-----	-----	0.159
29.20	0.158	409.28	0.166	0.116	-----	-----	0.043	-----	-----	-----	-----	0.158
29.40	0.157	409.28	0.165	0.116	-----	-----	0.042	-----	-----	-----	-----	0.158
29.60	0.157	409.28	0.165	0.116	-----	-----	0.042	-----	-----	-----	-----	0.157

Continues on next page...

SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.156	409.28	0.164	0.116	-----	-----	0.041	-----	-----	-----	-----	0.157
30.00	0.156	409.28	0.163	0.116	-----	-----	0.041	-----	-----	-----	-----	0.156
30.20	0.155	409.28	0.163	0.116	-----	-----	0.040	-----	-----	-----	-----	0.156
30.40	0.155	409.28	0.162	0.116	-----	-----	0.039	-----	-----	-----	-----	0.155
30.60	0.154	409.28	0.161	0.116	-----	-----	0.039	-----	-----	-----	-----	0.155
30.80	0.154	409.28	0.161	0.116	-----	-----	0.038	-----	-----	-----	-----	0.154
31.00	0.153	409.28	0.160	0.116	-----	-----	0.038	-----	-----	-----	-----	0.153
31.20	0.152	409.28	0.159	0.116	-----	-----	0.037	-----	-----	-----	-----	0.153
31.40	0.152	409.28	0.159	0.116	-----	-----	0.037	-----	-----	-----	-----	0.152
31.60	0.151	409.28	0.158	0.116	-----	-----	0.036	-----	-----	-----	-----	0.152
31.80	0.150	409.28	0.157	0.116	-----	-----	0.035	-----	-----	-----	-----	0.151
32.00	0.150	409.28	0.157	0.116	-----	-----	0.035	-----	-----	-----	-----	0.150
32.20	0.149	409.28	0.156	0.116	-----	-----	0.034	-----	-----	-----	-----	0.150
32.40	0.148	409.28	0.155	0.116	-----	-----	0.033	-----	-----	-----	-----	0.149
32.60	0.148	409.28	0.154	0.116	-----	-----	0.032	-----	-----	-----	-----	0.148
32.80	0.147	409.28	0.153	0.116	-----	-----	0.032	-----	-----	-----	-----	0.147
33.00	0.146	409.28	0.152	0.116	-----	-----	0.031	-----	-----	-----	-----	0.146
33.20	0.145	409.28	0.151	0.116	-----	-----	0.030	-----	-----	-----	-----	0.146
33.40	0.144	409.27	0.150	0.116	-----	-----	0.029	-----	-----	-----	-----	0.145
33.60	0.143	409.27	0.149	0.116	-----	-----	0.028	-----	-----	-----	-----	0.144
33.80	0.142	409.27	0.148	0.116	-----	-----	0.027	-----	-----	-----	-----	0.143
34.00	0.141	409.27	0.147	0.116	-----	-----	0.026	-----	-----	-----	-----	0.142
34.20	0.140	409.27	0.145	0.116	-----	-----	0.025	-----	-----	-----	-----	0.141
34.40	0.139	409.27	0.144	0.116	-----	-----	0.024	-----	-----	-----	-----	0.139
34.60	0.137	409.27	0.143	0.116	-----	-----	0.023	-----	-----	-----	-----	0.138
34.80	0.136	409.27	0.141	0.116	-----	-----	0.021	-----	-----	-----	-----	0.137
35.00	0.135	409.27	0.140	0.116	-----	-----	0.020	-----	-----	-----	-----	0.136
35.20	0.133	409.27	0.138	0.116	-----	-----	0.019	-----	-----	-----	-----	0.134

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.132	409.27	0.136	0.116	-----	-----	0.017	-----	-----	-----	-----	0.133
35.60	0.130	409.27	0.134	0.116	-----	-----	0.015	-----	-----	-----	-----	0.131
35.80	0.128	409.27	0.132	0.116	-----	-----	0.014	-----	-----	-----	-----	0.129
36.00	0.126	409.26	0.132	0.116	-----	-----	0.013	-----	-----	-----	-----	0.129
36.20	0.125	409.26	0.131	0.116	-----	-----	0.012	-----	-----	-----	-----	0.128
36.40	0.123	409.26	0.130	0.116	-----	-----	0.011	-----	-----	-----	-----	0.127
36.60	0.120	409.26	0.128	0.115	-----	-----	0.010	-----	-----	-----	-----	0.125
36.80	0.119	409.25	0.127	0.115	-----	-----	0.008	-----	-----	-----	-----	0.123
37.00	0.117	409.25	0.125	0.115	-----	-----	0.006	-----	-----	-----	-----	0.122
37.20	0.115	409.24	0.123	0.115	-----	-----	0.005	-----	-----	-----	-----	0.120
37.40	0.112	409.24	0.121	0.115	-----	-----	0.003	-----	-----	-----	-----	0.118
37.60	0.110	409.23	0.119	0.115	-----	-----	0.001	-----	-----	-----	-----	0.116
37.80	0.108	409.23	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
38.00	0.106	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
38.20	0.104	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
38.40	0.102	409.21	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
38.60	0.100	409.20	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
38.80	0.098	409.18	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.00	0.096	409.17	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.20	0.093	409.15	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.40	0.091	409.14	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.60	0.089	409.12	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
39.80	0.086	409.10	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
40.00	0.084	409.07	0.118	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
40.20	0.082	409.05	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
40.40	0.079	409.02	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
40.60	0.077	409.00	0.118	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
40.80	0.072	408.97	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.068	408.94	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
41.20	0.064	408.91	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
41.40	0.059	408.87	0.118	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
41.60	0.055	408.83	0.118	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
41.80	0.051	408.79	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
42.00	0.046	408.75	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
42.20	0.042	408.70	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
42.40	0.038	408.65	0.106	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
42.60	0.034	408.61	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
42.80	0.029	408.56	0.105	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
43.00	0.024	408.50	0.105	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
43.20	0.020	408.45	0.105	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
43.40	0.016	408.39	0.105	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
43.60	0.013	408.33	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
43.80	0.011	408.27	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
44.00	0.009	408.22	0.105	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
44.20	0.007	408.16	0.105	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
44.40	0.006	408.10	0.105	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
44.60	0.005	408.04	0.096	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
44.80	0.005	407.98	0.095	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
45.00	0.004	407.93	0.094	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
45.20	0.004	407.87	0.093	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
45.40	0.003	407.82	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
45.60	0.003	407.76	0.093	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
45.80	0.003	407.71	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
46.00	0.002	407.66	0.093	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
46.20	0.002	407.60	0.093	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
46.40	0.002	407.55	0.093	0.086	-----	-----	-----	-----	-----	-----	-----	0.086

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.002	407.50	0.093	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
46.80	0.002	407.45	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
47.00	0.002	407.40	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
47.20	0.002	407.36	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
47.40	0.001	407.31	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
47.60	0.001	407.26	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
47.80	0.001	407.22	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
48.00	0.001	407.17	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
48.20	0.001	407.13	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
48.40	0.001	407.08	0.083	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
48.60	0.001	407.04	0.083	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
48.80	0.001	406.99	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
49.00	0.000	406.95	0.074	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
49.20	0.000	406.91	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
49.40	0.000	406.87	0.073	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
49.60	0.000	406.83	0.073	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
49.80	0.000	406.79	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
50.00	0.000	406.75	0.073	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
50.20	0.000	406.71	0.073	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
50.40	0.000	406.67	0.073	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
50.60	0.000	406.63	0.066	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
50.80	0.000	406.60	0.065	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
51.00	0.000	406.56	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
51.20	0.000	406.53	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
51.40	0.000	406.49	0.064	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
51.60	0.000	406.46	0.064	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
51.80	0.000	406.42	0.064	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
52.00	0.000	406.39	0.064	0.059	-----	-----	-----	-----	-----	-----	-----	0.059

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.000	406.36	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
52.40	0.000	406.33	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
52.60	0.000	406.29	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
52.80	0.000	406.26	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
53.00	0.000	406.22	0.055	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
53.20	0.000	406.19	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
53.40	0.000	406.15	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
53.60	0.000	406.12	0.055	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
53.80	0.000	406.09	0.053	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
54.00	0.000	406.06	0.049	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.20	0.000	406.03	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.40	0.000	406.00	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
54.60	0.000	405.97	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.80	0.000	405.92	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
55.00	0.000	405.86	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
55.20	0.000	405.82	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
55.40	0.000	405.77	0.041	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
55.60	0.000	405.73	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
55.80	0.000	405.69	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
56.00	0.000	405.65	0.032	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.20	0.000	405.61	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
56.40	0.000	405.58	0.030	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
56.60	0.000	405.54	0.027	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
56.80	0.000	405.51	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
57.00	0.000	405.49	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
57.20	0.000	405.46	0.021	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
57.40	0.000	405.44	0.019	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
57.60	0.000	405.42	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.80	0.000	405.41	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
58.00	0.000	405.39	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
58.20	0.000	405.38	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
58.40	0.000	405.37	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
58.60	0.000	405.37	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
58.80	0.000	405.36	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
59.00	0.000	405.35	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
59.20	0.000	405.35	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
59.40	0.000	405.34	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.60	0.000	405.34	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
59.80	0.000	405.34	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
60.00	0.000	405.34	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

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SUB-SURFACE DRY EXTENDED DETENTION BASIN DEWATERING TIME (100 YEAR)	
SSDEDB #	Time (hours)
1	87.00
2	96.00
3	96.00
4	89.00
5	77.20
6	52.00
7	52.60
8	75.00
9	85.80
10	85.40
11	58.20
12	63.00
13	58.80
14	61.60
15	35.80
16	65.00
17	32.00
18	34.00
19	40.00
21	35.20
22	42.20
23	48.80
24	57.00
25	56.40

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #1 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.060 cfs
Storm frequency	= 100 yrs	Time to peak	= 18.63 hrs
Time interval	= 2 min	Hyd. volume	= 9,662 cuft
Inflow hyd. No.	= 3 - SSDEDB #1 In	Reservoir name	= SSDEDB #1
Max. Elevation	= 481.38 ft	Max. Storage	= 7,158 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.80	0.011	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
7.00	0.012	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
7.20	0.014	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.40	0.016	476.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
7.60	0.017	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
7.80	0.019	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
8.00	0.021	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
8.20	0.024	476.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
8.40	0.027	476.12	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
8.60	0.032	476.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
8.80	0.036	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
9.00	0.041	476.19	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
9.20	0.045	476.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
9.40	0.047	476.25	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
9.60	0.050	476.28	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
9.80	0.057	476.31	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
10.00	0.065	476.35	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
10.20	0.075	476.40	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
10.40	0.087	476.45	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
10.60	0.101	476.52	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.80	0.122	476.60	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
11.00	0.144	476.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
11.20	0.181	476.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
11.40	0.235	476.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.60	0.408	476.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.80	1.668	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
12.00	4.041	478.58	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
12.20	0.658	479.53	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
12.40	0.463	479.80	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
12.60	0.319	479.99	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
12.80	0.269	480.15	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
13.00	0.233	480.29	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
13.20	0.205	480.42	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
13.40	0.186	480.54	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
13.60	0.167	480.64	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
13.80	0.153	480.73	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
14.00	0.139	480.80	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
14.20	0.129	480.87	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
14.40	0.124	480.93	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
14.60	0.119	480.98	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
14.80	0.114	481.03	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
15.00	0.110	481.08	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
15.20	0.105	481.12	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
15.40	0.100	481.16	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
15.60	0.095	481.19	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
15.80	0.090	481.22	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
16.00	0.085	481.24	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
16.20	0.082	481.26	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.40	0.080	481.28	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
16.60	0.078	481.30	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
16.80	0.076	481.31	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
17.00	0.075	481.33	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
17.20	0.073	481.34	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
17.40	0.071	481.35	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
17.60	0.069	481.36	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
17.80	0.068	481.36	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.00	0.066	481.37	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.20	0.064	481.37	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.40	0.062	481.38	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.60	0.061	481.38	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.80	0.059	481.38	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.00	0.057	481.37	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.20	0.055	481.37	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.40	0.053	481.37	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.60	0.052	481.36	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.80	0.050	481.35	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.00	0.048	481.34	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.20	0.047	481.33	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.40	0.047	481.32	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.60	0.046	481.31	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.80	0.046	481.30	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.00	0.046	481.28	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.20	0.045	481.27	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.40	0.045	481.26	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.60	0.044	481.25	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
21.80	0.044	481.23	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.00	0.044	481.22	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.20	0.043	481.21	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.40	0.043	481.19	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.60	0.043	481.18	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.80	0.042	481.16	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.00	0.042	481.15	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.20	0.042	481.14	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.40	0.041	481.12	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.60	0.041	481.11	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
23.80	0.041	481.09	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
24.00	0.040	481.08	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
24.20	0.002	481.04	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.40	0.000	480.99	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.60	0.000	480.94	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.80	0.000	480.89	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.00	0.000	480.85	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.20	0.000	480.80	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.40	0.000	480.75	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.60	0.000	480.70	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.80	0.000	480.65	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.00	0.000	480.61	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.20	0.000	480.56	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.40	0.000	480.51	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.60	0.000	480.47	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.80	0.000	480.42	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
27.00	0.000	480.38	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.20	0.000	480.33	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.40	0.000	480.29	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.60	0.000	480.25	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.80	0.000	480.22	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.00	0.000	480.18	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.20	0.000	480.14	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.40	0.000	480.10	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.60	0.000	480.07	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.80	0.000	480.03	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.00	0.000	479.99	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.20	0.000	479.96	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.40	0.000	479.93	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
29.60	0.000	479.91	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
29.80	0.000	479.88	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.00	0.000	479.85	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.20	0.000	479.82	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.40	0.000	479.79	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.60	0.000	479.76	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.80	0.000	479.73	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.00	0.000	479.70	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.20	0.000	479.68	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.40	0.000	479.65	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.60	0.000	479.62	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.80	0.000	479.60	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.00	0.000	479.57	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.20	0.000	479.55	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.40	0.000	479.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.60	0.000	479.50	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
32.80	0.000	479.47	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.00	0.000	479.45	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.20	0.000	479.43	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.40	0.000	479.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.60	0.000	479.38	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.80	0.000	479.35	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.00	0.000	479.33	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.20	0.000	479.31	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.40	0.000	479.28	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.60	0.000	479.26	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.80	0.000	479.24	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
35.00	0.000	479.22	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.20	0.000	479.19	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.40	0.000	479.17	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.60	0.000	479.15	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.80	0.000	479.13	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.00	0.000	479.11	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.20	0.000	479.09	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.40	0.000	479.06	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.60	0.000	479.04	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.80	0.000	479.02	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.00	0.000	479.00	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.20	0.000	478.98	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.40	0.000	478.96	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
37.60	0.000	478.94	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
37.80	0.000	478.92	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.00	0.000	478.90	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.20	0.000	478.88	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.40	0.000	478.86	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.60	0.000	478.84	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.80	0.000	478.82	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.00	0.000	478.80	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.20	0.000	478.78	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.40	0.000	478.76	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.60	0.000	478.74	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.80	0.000	478.72	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.00	0.000	478.70	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
40.20	0.000	478.68	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
40.40	0.000	478.67	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
40.60	0.000	478.65	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
40.80	0.000	478.63	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.00	0.000	478.61	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.20	0.000	478.59	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.40	0.000	478.58	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
41.60	0.000	478.56	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
41.80	0.000	478.54	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.00	0.000	478.52	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.20	0.000	478.50	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.40	0.000	478.49	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.60	0.000	478.47	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.80	0.000	478.45	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.00	0.000	478.43	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.20	0.000	478.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.40	0.000	478.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.60	0.000	478.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.80	0.000	478.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.00	0.000	478.35	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
44.20	0.000	478.33	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.40	0.000	478.31	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
44.60	0.000	478.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
44.80	0.000	478.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.00	0.000	478.26	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.20	0.000	478.25	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.40	0.000	478.23	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
45.60	0.000	478.22	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
45.80	0.000	478.20	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.00	0.000	478.18	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.20	0.000	478.17	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.40	0.000	478.15	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.60	0.000	478.14	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.80	0.000	478.12	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
47.00	0.000	478.10	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
47.20	0.000	478.09	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
47.40	0.000	478.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
47.60	0.000	478.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
47.80	0.000	478.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.00	0.000	478.03	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.20	0.000	478.01	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
48.40	0.000	478.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
48.60	0.000	477.98	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
48.80	0.000	477.97	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.00	0.000	477.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.20	0.000	477.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.40	0.000	477.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.60	0.000	477.91	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
49.80	0.000	477.89	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.00	0.000	477.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
50.20	0.000	477.87	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
50.40	0.000	477.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
50.60	0.000	477.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
50.80	0.000	477.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
51.00	0.000	477.81	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
51.20	0.000	477.79	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
51.40	0.000	477.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
51.60	0.000	477.77	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
51.80	0.000	477.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
52.00	0.000	477.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
52.20	0.000	477.72	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
52.40	0.000	477.71	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
52.60	0.000	477.70	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
52.80	0.000	477.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
53.00	0.000	477.67	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
53.20	0.000	477.66	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
53.40	0.000	477.64	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
53.60	0.000	477.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
53.80	0.000	477.62	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
54.00	0.000	477.60	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
54.20	0.000	477.59	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
54.40	0.000	477.58	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
54.60	0.000	477.57	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
54.80	0.000	477.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
55.00	0.000	477.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
55.20	0.000	477.53	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
55.40	0.000	477.51	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.60	0.000	477.50	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
55.80	0.000	477.49	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.00	0.000	477.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.20	0.000	477.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.40	0.000	477.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.60	0.000	477.44	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
56.80	0.000	477.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
57.00	0.000	477.41	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
57.20	0.000	477.40	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
57.40	0.000	477.39	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
57.60	0.000	477.38	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
57.80	0.000	477.37	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
58.00	0.000	477.35	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
58.20	0.000	477.34	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
58.40	0.000	477.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
58.60	0.000	477.32	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
58.80	0.000	477.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
59.00	0.000	477.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
59.20	0.000	477.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
59.40	0.000	477.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
59.60	0.000	477.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
59.80	0.000	477.25	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
60.00	0.000	477.24	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
60.20	0.000	477.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
60.40	0.000	477.22	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
60.60	0.000	477.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
60.80	0.000	477.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
61.00	0.000	477.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
61.20	0.000	477.17	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
61.40	0.000	477.16	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
61.60	0.000	477.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
61.80	0.000	477.14	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.00	0.000	477.13	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.20	0.000	477.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.40	0.000	477.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.60	0.000	477.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.80	0.000	477.09	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
63.00	0.000	477.08	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
63.20	0.000	477.07	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
63.40	0.000	477.06	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
63.60	0.000	477.05	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
63.80	0.000	477.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
64.00	0.000	477.03	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
64.20	0.000	477.02	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
64.40	0.000	477.01	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
64.60	0.000	477.00	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
64.80	0.000	476.98	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
65.00	0.000	476.97	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
65.20	0.000	476.96	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
65.40	0.000	476.95	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
65.60	0.000	476.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
65.80	0.000	476.93	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
66.00	0.000	476.92	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
66.20	0.000	476.91	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
66.40	0.000	476.90	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
66.60	0.000	476.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
66.80	0.000	476.87	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
67.00	0.000	476.86	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
67.20	0.000	476.85	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
67.40	0.000	476.84	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
67.60	0.000	476.83	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
67.80	0.000	476.82	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
68.00	0.000	476.81	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
68.20	0.000	476.80	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
68.40	0.000	476.79	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
68.60	0.000	476.78	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
68.80	0.000	476.77	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
69.00	0.000	476.76	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
69.20	0.000	476.75	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
69.40	0.000	476.74	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
69.60	0.000	476.73	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
69.80	0.000	476.72	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
70.00	0.000	476.71	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
70.20	0.000	476.70	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
70.40	0.000	476.69	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
70.60	0.000	476.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
70.80	0.000	476.68	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
71.00	0.000	476.67	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
71.20	0.000	476.65	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
71.40	0.000	476.63	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
71.60	0.000	476.61	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
71.80	0.000	476.60	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
72.00	0.000	476.58	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
72.20	0.000	476.57	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
72.40	0.000	476.55	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
72.60	0.000	476.53	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
72.80	0.000	476.52	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
73.00	0.000	476.50	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
73.20	0.000	476.49	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
73.40	0.000	476.47	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
73.60	0.000	476.46	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
73.80	0.000	476.45	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
74.00	0.000	476.43	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
74.20	0.000	476.42	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
74.40	0.000	476.40	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
74.60	0.000	476.39	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
74.80	0.000	476.38	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
75.00	0.000	476.37	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
75.20	0.000	476.35	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
75.40	0.000	476.34	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
75.60	0.000	476.33	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
75.80	0.000	476.32	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
76.00	0.000	476.31	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
76.20	0.000	476.29	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
76.40	0.000	476.28	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
76.60	0.000	476.27	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
76.80	0.000	476.26	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
77.00	0.000	476.25	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
77.20	0.000	476.24	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
77.40	0.000	476.23	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
77.60	0.000	476.22	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
77.80	0.000	476.21	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
78.00	0.000	476.20	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
78.20	0.000	476.20	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
78.40	0.000	476.19	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
78.60	0.000	476.18	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
78.80	0.000	476.17	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
79.00	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
79.20	0.000	476.16	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
79.40	0.000	476.15	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
79.60	0.000	476.14	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
79.80	0.000	476.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
80.00	0.000	476.13	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
80.20	0.000	476.12	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
80.40	0.000	476.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
80.60	0.000	476.11	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
80.80	0.000	476.10	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
81.00	0.000	476.10	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
81.20	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
81.40	0.000	476.09	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
81.60	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
81.80	0.000	476.08	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
82.00	0.000	476.07	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
82.20	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
82.40	0.000	476.07	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
82.60	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
82.80	0.000	476.06	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
83.00	0.000	476.06	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
83.20	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
83.40	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003

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SSDEDB #1 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
83.60	0.000	476.05	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
83.80	0.000	476.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
84.00	0.000	476.05	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
84.20	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
84.40	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
84.60	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
84.80	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
85.00	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
85.20	0.000	476.04	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
85.40	0.000	476.03	0.002	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
85.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
85.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
86.00	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
86.20	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
86.40	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
86.60	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
86.80	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
87.00	0.000	476.03	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #2 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.056 cfs
Storm frequency	= 100 yrs	Time to peak	= 25.60 hrs
Time interval	= 2 min	Hyd. volume	= 13,870 cuft
Inflow hyd. No.	= 6 - SSDEDB #1 Out + SSDEDB #2 In	Reservoir name	= SSDEDB #2
Max. Elevation	= 477.60 ft	Max. Storage	= 4,636 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
2.60	0.007	472.93	0.001	0.001	-----	-----	-----	-----	-----	-----	-----	0.001
2.80	0.008	472.94	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
3.00	0.009	472.95	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
3.20	0.009	472.95	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
3.40	0.010	472.96	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
3.60	0.011	472.97	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
3.80	0.011	472.98	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
4.00	0.012	472.98	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
4.20	0.012	472.99	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
4.40	0.013	473.00	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
4.60	0.014	473.01	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
4.80	0.015	473.02	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
5.00	0.015	473.03	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
5.20	0.016	473.04	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
5.40	0.017	473.05	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
5.60	0.018	473.06	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
5.80	0.018	473.07	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
6.00	0.019	473.08	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
6.20	0.020	473.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
6.40	0.021	473.10	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.60	0.021	473.12	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
6.80	0.023	473.13	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
7.00	0.024	473.14	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
7.20	0.026	473.16	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
7.40	0.027	473.18	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
7.60	0.029	473.20	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
7.80	0.030	473.22	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
8.00	0.032	473.24	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
8.20	0.035	473.26	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
8.40	0.038	473.28	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
8.60	0.041	473.31	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
8.80	0.045	473.35	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
9.00	0.048	473.38	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
9.20	0.050	473.42	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
9.40	0.051	473.46	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
9.60	0.053	473.50	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
9.80	0.058	473.54	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
10.00	0.063	473.58	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
10.20	0.070	473.61	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
10.40	0.078	473.64	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.60	0.086	473.68	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.80	0.098	473.73	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
11.00	0.110	473.78	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
11.20	0.132	473.84	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.40	0.159	473.91	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.60	0.308	474.01	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.80	0.978	474.34	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
12.00	1.466	475.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.20	0.275	475.55	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
12.40	0.216	475.68	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
12.60	0.166	475.78	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
12.80	0.152	475.85	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
13.00	0.139	475.92	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
13.20	0.131	475.98	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
13.40	0.124	476.03	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
13.60	0.118	476.08	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
13.80	0.113	476.13	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
14.00	0.108	476.17	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
14.20	0.105	476.21	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
14.40	0.104	476.25	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
14.60	0.102	476.29	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
14.80	0.101	476.33	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
15.00	0.099	476.37	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
15.20	0.098	476.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
15.40	0.096	476.44	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
15.60	0.094	476.48	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
15.80	0.093	476.51	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
16.00	0.091	476.54	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
16.20	0.090	476.57	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
16.40	0.089	476.60	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
16.60	0.089	476.63	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
16.80	0.088	476.66	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
17.00	0.088	476.69	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
17.20	0.087	476.72	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
17.40	0.086	476.75	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
17.60	0.086	476.78	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
17.80	0.085	476.81	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
18.00	0.085	476.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
18.20	0.084	476.86	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
18.40	0.083	476.89	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
18.60	0.083	476.92	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
18.80	0.082	476.95	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
19.00	0.081	476.98	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
19.20	0.080	477.01	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.40	0.080	477.03	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.60	0.079	477.06	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
19.80	0.078	477.09	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.00	0.078	477.11	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.20	0.077	477.14	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
20.40	0.077	477.16	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
20.60	0.077	477.18	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
20.80	0.077	477.21	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
21.00	0.076	477.23	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
21.20	0.076	477.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
21.40	0.076	477.28	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
21.60	0.076	477.31	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
21.80	0.076	477.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
22.00	0.075	477.36	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
22.20	0.075	477.38	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
22.40	0.075	477.41	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
22.60	0.075	477.43	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
22.80	0.075	477.45	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.00	0.074	477.47	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.20	0.074	477.50	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.40	0.074	477.52	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.60	0.074	477.54	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.80	0.074	477.56	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.00	0.073	477.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.20	0.058	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.40	0.058	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.60	0.058	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.80	0.057	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.00	0.057	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.20	0.057	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.40	0.057	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.60	0.056	477.60 <<	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
<<												
25.80	0.056	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.00	0.056	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.20	0.055	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.40	0.055	477.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.60	0.055	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.80	0.055	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.00	0.054	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.20	0.054	477.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.40	0.054	477.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.60	0.054	477.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
27.80	0.053	477.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.00	0.053	477.57	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.20	0.053	477.57	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.40	0.053	477.57	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
28.60	0.052	477.56	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
28.80	0.052	477.56	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.00	0.052	477.55	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.20	0.052	477.55	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.40	0.051	477.54	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.60	0.051	477.54	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.80	0.051	477.53	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.00	0.051	477.52	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.20	0.051	477.52	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.40	0.050	477.51	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.60	0.050	477.51	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.80	0.050	477.50	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.00	0.050	477.49	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.20	0.050	477.49	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.40	0.049	477.48	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.60	0.049	477.47	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.80	0.049	477.46	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.00	0.049	477.46	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.20	0.049	477.45	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.40	0.049	477.44	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.60	0.048	477.43	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.80	0.048	477.42	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.00	0.048	477.42	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.20	0.048	477.41	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.40	0.048	477.40	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.60	0.048	477.39	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.80	0.047	477.38	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.00	0.047	477.37	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.20	0.047	477.36	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
34.40	0.047	477.35	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.60	0.047	477.34	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.80	0.047	477.34	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
35.00	0.046	477.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
35.20	0.046	477.32	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
35.40	0.046	477.31	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.60	0.046	477.30	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.80	0.046	477.29	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.00	0.046	477.28	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.20	0.045	477.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.40	0.045	477.25	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.60	0.045	477.24	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.80	0.045	477.23	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.00	0.045	477.22	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.20	0.045	477.21	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.40	0.044	477.21	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.60	0.044	477.20	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.80	0.044	477.19	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.00	0.044	477.18	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.20	0.044	477.17	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.40	0.044	477.16	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.60	0.044	477.15	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.80	0.043	477.14	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.00	0.043	477.13	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.20	0.043	477.12	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.40	0.043	477.11	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.60	0.043	477.10	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.80	0.043	477.09	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.00	0.042	477.07	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.20	0.042	477.06	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.40	0.042	477.05	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.60	0.042	477.04	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.80	0.042	477.03	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
41.00	0.042	477.02	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
41.20	0.042	477.01	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
41.40	0.041	477.00	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.60	0.041	476.99	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.80	0.041	476.98	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.00	0.041	476.96	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.20	0.041	476.95	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.40	0.041	476.94	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.60	0.041	476.93	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.80	0.040	476.92	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
43.00	0.040	476.91	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
43.20	0.040	476.90	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
43.40	0.040	476.89	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
43.60	0.040	476.88	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
43.80	0.040	476.87	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.00	0.039	476.86	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.20	0.039	476.85	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.40	0.039	476.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
44.60	0.039	476.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
44.80	0.039	476.82	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
45.00	0.039	476.81	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
45.20	0.039	476.80	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
45.40	0.038	476.79	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
45.60	0.038	476.78	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
45.80	0.038	476.77	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.00	0.038	476.76	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.20	0.038	476.75	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.40	0.038	476.74	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.60	0.038	476.72	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.80	0.037	476.71	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.00	0.037	476.70	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.20	0.037	476.69	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
47.40	0.037	476.68	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
47.60	0.037	476.67	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
47.80	0.037	476.66	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.00	0.037	476.65	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.20	0.036	476.64	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.40	0.036	476.63	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.60	0.036	476.62	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
48.80	0.036	476.60	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.00	0.036	476.59	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.20	0.036	476.58	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.40	0.036	476.57	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.60	0.035	476.56	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.80	0.035	476.55	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.00	0.035	476.54	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.20	0.035	476.53	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.40	0.035	476.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.60	0.035	476.51	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.80	0.035	476.50	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.00	0.034	476.49	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.20	0.034	476.48	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.40	0.034	476.47	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.60	0.034	476.46	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.80	0.034	476.44	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.00	0.034	476.43	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.20	0.034	476.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.40	0.034	476.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.60	0.033	476.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
52.80	0.033	476.39	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.00	0.033	476.38	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.20	0.033	476.37	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.40	0.033	476.36	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.60	0.033	476.35	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.80	0.033	476.33	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.00	0.032	476.32	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.20	0.032	476.31	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.40	0.032	476.30	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.60	0.032	476.29	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.80	0.032	476.28	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.00	0.032	476.27	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
55.20	0.032	476.26	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
55.40	0.031	476.24	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
55.60	0.031	476.23	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
55.80	0.031	476.22	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
56.00	0.031	476.21	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
56.20	0.031	476.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
56.40	0.031	476.19	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
56.60	0.031	476.18	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
56.80	0.031	476.17	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.00	0.030	476.16	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.20	0.030	476.14	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.40	0.030	476.13	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.60	0.030	476.12	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
57.80	0.030	476.11	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.00	0.030	476.10	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.20	0.030	476.09	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.40	0.029	476.08	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.60	0.029	476.07	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.80	0.029	476.05	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.00	0.029	476.04	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.20	0.029	476.03	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.40	0.029	476.02	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.60	0.029	476.01	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.80	0.029	476.00	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.00	0.028	475.99	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.20	0.028	475.97	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.40	0.028	475.96	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.60	0.028	475.95	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.80	0.028	475.94	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.00	0.028	475.93	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.20	0.028	475.92	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.40	0.027	475.90	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.60	0.027	475.89	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.80	0.027	475.88	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.00	0.027	475.87	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.20	0.027	475.86	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
62.40	0.027	475.85	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
62.60	0.027	475.84	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
62.80	0.026	475.82	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
63.00	0.026	475.81	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
63.20	0.026	475.80	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
63.40	0.026	475.79	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
63.60	0.026	475.78	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
63.80	0.026	475.77	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.00	0.026	475.76	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.20	0.026	475.74	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.40	0.025	475.73	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
64.60	0.025	475.72	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
64.80	0.025	475.71	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
65.00	0.025	475.70	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
65.20	0.025	475.69	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
65.40	0.025	475.67	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
65.60	0.025	475.66	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
65.80	0.024	475.65	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.00	0.024	475.64	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.20	0.024	475.63	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.40	0.024	475.61	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.60	0.024	475.60	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
66.80	0.024	475.59	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
67.00	0.023	475.58	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
67.20	0.023	475.57	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
67.40	0.023	475.55	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
67.60	0.023	475.54	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
67.80	0.023	475.53	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
68.00	0.023	475.52	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.20	0.023	475.51	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.40	0.022	475.50	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.60	0.022	475.48	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
68.80	0.022	475.47	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
69.00	0.022	475.46	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
69.20	0.022	475.45	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
69.40	0.022	475.44	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
69.60	0.021	475.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
69.80	0.021	475.41	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.00	0.021	475.40	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.20	0.021	475.39	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.40	0.021	475.38	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.60	0.021	475.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
70.80	0.021	475.35	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
71.00	0.020	475.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
71.20	0.020	475.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
71.40	0.020	475.31	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
71.60	0.020	475.30	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
71.80	0.019	475.29	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.00	0.019	475.28	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.20	0.019	475.26	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.40	0.018	475.25	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.60	0.018	475.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
72.80	0.018	475.22	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
73.00	0.018	475.21	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
73.20	0.017	475.20	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
73.40	0.017	475.19	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
73.60	0.017	475.17	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
73.80	0.016	475.16	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.00	0.016	475.15	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.20	0.016	475.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
74.40	0.016	475.12	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
74.60	0.015	475.11	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
74.80	0.015	475.09	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.00	0.015	475.08	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.20	0.014	475.06	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.40	0.014	475.05	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.60	0.014	475.04	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.80	0.014	475.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
76.00	0.013	475.01	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
76.20	0.013	474.99	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
76.40	0.013	474.98	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
76.60	0.012	474.96	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
76.80	0.012	474.95	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.00	0.012	474.93	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.20	0.012	474.92	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.40	0.011	474.90	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
77.60	0.011	474.89	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
77.80	0.011	474.87	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.00	0.011	474.86	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.20	0.010	474.85	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.40	0.010	474.83	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.60	0.010	474.82	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.80	0.009	474.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
79.00	0.009	474.78	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
79.20	0.009	474.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
79.40	0.009	474.75	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
79.60	0.008	474.74	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
79.80	0.008	474.72	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
80.00	0.008	474.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
80.20	0.007	474.69	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
80.40	0.007	474.68	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
80.60	0.007	474.66	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
80.80	0.006	474.64	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.00	0.006	474.63	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.20	0.006	474.61	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.40	0.006	474.60	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
81.60	0.005	474.58	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
81.80	0.005	474.56	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.00	0.005	474.55	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.20	0.004	474.53	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.40	0.004	474.52	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.60	0.004	474.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
82.80	0.004	474.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.00	0.003	474.47	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.20	0.003	474.45	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.40	0.003	474.43	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.60	0.003	474.42	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.80	0.002	474.40	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
84.00	0.002	474.38	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
84.20	0.002	474.37	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
84.40	0.002	474.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
84.60	0.002	474.34	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
84.80	0.002	474.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
85.00	0.002	474.30	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
85.20	0.002	474.29	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
85.40	0.001	474.27	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
85.60	0.001	474.25	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
85.80	0.001	474.24	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
86.00	0.001	474.22	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
86.20	0.001	474.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
86.40	0.001	474.19	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
86.60	0.001	474.17	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
86.80	0.001	474.16	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.00	0.001	474.14	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
87.20	0.000	474.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
87.40	0.000	474.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
87.60	0.000	474.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
87.80	0.000	474.08	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.00	0.000	474.07	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
88.20	0.000	474.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
88.40	0.000	474.04	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
88.60	0.000	474.02	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
88.80	0.000	474.01	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.00	0.000	473.99	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
89.20	0.000	473.98	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
89.40	0.000	473.96	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
89.60	0.000	473.95	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
89.80	0.000	473.93	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.00	0.000	473.92	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.20	0.000	473.90	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
90.40	0.000	473.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
90.60	0.000	473.87	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
90.80	0.000	473.86	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.00	0.000	473.84	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.20	0.000	473.82	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
91.40	0.000	473.81	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
91.60	0.000	473.79	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
91.80	0.000	473.78	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.00	0.000	473.76	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
92.20	0.000	473.75	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
92.40	0.000	473.73	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
92.60	0.000	473.72	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
92.80	0.000	473.70	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
93.00	0.000	473.69	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
93.20	0.000	473.68	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
93.40	0.000	473.66	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
93.60	0.000	473.65	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
93.80	0.000	473.63	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.00	0.000	473.62	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.20	0.000	473.61	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.40	0.000	473.59	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.60	0.000	473.58	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.80	0.000	473.57	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
95.00	0.000	473.54	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
95.20	0.000	473.52	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
95.40	0.000	473.49	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
95.60	0.000	473.47	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
95.80	0.000	473.45	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

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SSDEDB #2 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
96.00	0.000	473.43	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #3 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.745 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 25,219 cuft
Inflow hyd. No.	= 9 - SSDEDB #2 Out + SSDEDB #3 In	Reservoir name	= SSDEDB #3
Max. Elevation	= 473.38 ft	Max. Storage	= 5,097 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.60	0.027	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
8.80	0.032	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
9.00	0.037	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
9.20	0.042	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
9.40	0.046	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
9.60	0.050	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
9.80	0.057	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
10.00	0.065	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
10.20	0.074	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
10.40	0.086	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
10.60	0.101	468.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
10.80	0.120	468.33	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
11.00	0.144	468.41	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
11.20	0.179	468.52	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
11.40	0.235	468.62	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
11.60	0.364	468.75	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
11.80	1.457	469.16	0.115	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
12.00	4.443 <<	470.83	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
12.20	1.621	473.37 <<	1.764	0.231	-----	-----	1.514	-----	-----	-----	-----	1.745
<<												
12.40	0.681	473.18	0.744	0.232	-----	-----	0.496	-----	-----	-----	-----	0.728

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.60	0.493	473.13	0.541	0.232	-----	-----	0.301	-----	-----	-----	-----	0.533
12.80	0.403	473.09	0.435	0.232	-----	-----	0.189	-----	-----	-----	-----	0.421
13.00	0.358	473.08	0.378	0.232	-----	-----	0.139	-----	-----	-----	-----	0.371
13.20	0.320	473.06	0.335	0.233	-----	-----	0.099	-----	-----	-----	-----	0.332
13.40	0.294	473.05	0.306	0.232	-----	-----	0.071	-----	-----	-----	-----	0.304
13.60	0.270	473.04	0.282	0.232	-----	-----	0.047	-----	-----	-----	-----	0.279
13.80	0.250	473.02	0.266	0.232	-----	-----	0.029	-----	-----	-----	-----	0.262
14.00	0.233	473.01	0.252	0.232	-----	-----	0.013	-----	-----	-----	-----	0.245
14.20	0.219	473.00	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
14.40	0.212	472.98	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
14.60	0.206	472.95	0.242	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
14.80	0.200	472.92	0.236	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
15.00	0.194	472.88	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
15.20	0.188	472.83	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
15.40	0.182	472.78	0.227	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
15.60	0.176	472.73	0.226	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
15.80	0.170	472.66	0.226	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
16.00	0.164	472.59	0.226	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
16.20	0.159	472.52	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
16.40	0.156	472.45	0.226	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
16.60	0.154	472.37	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
16.80	0.152	472.30	0.215	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
17.00	0.150	472.23	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
17.20	0.148	472.16	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
17.40	0.146	472.10	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
17.60	0.144	472.04	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
17.80	0.142	471.97	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
18.00	0.140	471.91	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.20	0.138	471.85	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
18.40	0.136	471.80	0.211	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
18.60	0.133	471.74	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
18.80	0.131	471.69	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
19.00	0.129	471.63	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
19.20	0.127	471.58	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
19.40	0.125	471.53	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
19.60	0.123	471.48	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
19.80	0.120	471.42	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
20.00	0.118	471.37	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
20.20	0.117	471.32	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
20.40	0.116	471.27	0.188	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
20.60	0.116	471.22	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
20.80	0.116	471.17	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
21.00	0.115	471.12	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
21.20	0.115	471.08	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
21.40	0.115	471.03	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
21.60	0.114	470.99	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
21.80	0.114	470.95	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
22.00	0.114	470.90	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
22.20	0.114	470.86	0.184	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
22.40	0.113	470.82	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
22.60	0.113	470.79	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
22.80	0.113	470.75	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
23.00	0.112	470.71	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
23.20	0.112	470.67	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
23.40	0.112	470.64	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
23.60	0.111	470.60	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
23.80	0.111	470.57	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
24.00	0.111	470.53	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
24.20	0.070	470.49	0.168	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
24.40	0.056	470.43	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
24.60	0.056	470.36	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
24.80	0.056	470.30	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
25.00	0.056	470.24	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
25.20	0.056	470.18	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
25.40	0.056	470.12	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
25.60	0.056	470.07	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
25.80	0.056	470.01	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
26.00	0.056	469.96	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
26.20	0.056	469.91	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
26.40	0.056	469.86	0.146	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
26.60	0.056	469.81	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
26.80	0.056	469.76	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
27.00	0.056	469.72	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
27.20	0.056	469.67	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
27.40	0.056	469.63	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
27.60	0.056	469.58	0.133	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
27.80	0.056	469.54	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
28.00	0.056	469.50	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
28.20	0.056	469.46	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
28.40	0.056	469.42	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
28.60	0.056	469.39	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
28.80	0.056	469.35	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
29.00	0.056	469.31	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
29.20	0.056	469.28	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.40	0.056	469.24	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
29.60	0.056	469.21	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
29.80	0.056	469.18	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
30.00	0.056	469.15	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
30.20	0.056	469.12	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
30.40	0.056	469.09	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
30.60	0.056	469.06	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
30.80	0.056	469.03	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
31.00	0.056	469.01	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.20	0.056	468.98	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
31.40	0.056	468.95	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
31.60	0.056	468.93	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
31.80	0.055	468.91	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
32.00	0.055	468.88	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
32.20	0.055	468.85	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
32.40	0.055	468.83	0.098	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
32.60	0.055	468.81	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
32.80	0.055	468.78	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
33.00	0.055	468.76	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
33.20	0.055	468.74	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
33.40	0.055	468.72	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
33.60	0.055	468.70	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
33.80	0.055	468.68	0.086	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
34.00	0.055	468.66	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
34.20	0.055	468.64	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
34.40	0.055	468.62	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
34.60	0.055	468.61	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
34.80	0.055	468.59	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.00	0.055	468.58	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
35.20	0.055	468.56	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
35.40	0.054	468.53	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
35.60	0.054	468.51	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
35.80	0.054	468.48	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
36.00	0.054	468.46	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
36.20	0.054	468.45	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
36.40	0.054	468.43	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
36.60	0.054	468.41	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
36.80	0.054	468.40	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
37.00	0.054	468.39	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
37.20	0.054	468.37	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
37.40	0.054	468.36	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
37.60	0.054	468.35	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
37.80	0.054	468.34	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
38.00	0.054	468.34	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
38.20	0.054	468.33	0.061	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
38.40	0.054	468.32	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
38.60	0.053	468.32	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
38.80	0.053	468.31	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
39.00	0.053	468.30	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
39.20	0.053	468.30	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
39.40	0.053	468.30	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
39.60	0.053	468.29	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
39.80	0.053	468.29	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
40.00	0.053	468.28	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
40.20	0.053	468.28	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
40.40	0.053	468.28	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.60	0.053	468.28	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
40.80	0.053	468.27	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
41.00	0.053	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
41.20	0.053	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
41.40	0.052	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
41.60	0.052	468.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
41.80	0.052	468.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
42.00	0.052	468.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
42.20	0.052	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
42.40	0.052	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
42.60	0.052	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
42.80	0.052	468.26	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.00	0.052	468.26	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.20	0.052	468.25	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.40	0.052	468.25	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.60	0.052	468.25	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
43.80	0.052	468.25	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
44.00	0.052	468.25	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.20	0.052	468.25	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.40	0.051	468.25	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.60	0.051	468.25	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
44.80	0.051	468.25	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
45.00	0.051	468.24	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
45.20	0.051	468.24	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
45.40	0.051	468.24	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
45.60	0.051	468.24	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
45.80	0.051	468.24	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
46.00	0.051	468.24	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.20	0.051	468.24	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
46.40	0.051	468.24	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.60	0.051	468.24	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
46.80	0.051	468.24	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.00	0.051	468.24	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.20	0.050	468.24	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.40	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.60	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
47.80	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.00	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.20	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.40	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.60	0.050	468.23	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
48.80	0.050	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.00	0.050	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.20	0.050	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.40	0.050	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.60	0.050	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.80	0.049	468.23	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
50.00	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
50.20	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
50.40	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
50.60	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
50.80	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.00	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.20	0.049	468.22	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.40	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.60	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
51.80	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.00	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.20	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.40	0.049	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.60	0.048	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.80	0.048	468.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
53.00	0.048	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
53.20	0.048	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
53.40	0.048	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
53.60	0.048	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
53.80	0.048	468.21	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
54.00	0.048	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.20	0.048	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.40	0.048	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.60	0.048	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
54.80	0.048	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.00	0.047	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.20	0.047	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.40	0.047	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.60	0.047	468.21	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
55.80	0.047	468.20	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
56.00	0.047	468.20	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
56.20	0.047	468.20	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
56.40	0.047	468.20	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
56.60	0.047	468.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
56.80	0.047	468.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.00	0.047	468.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.20	0.047	468.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.40	0.047	468.20	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.60	0.046	468.20	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.80	0.046	468.20	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
58.00	0.046	468.20	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
58.20	0.046	468.20	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
58.40	0.046	468.19	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
58.60	0.046	468.19	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
58.80	0.046	468.19	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
59.00	0.046	468.19	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
59.20	0.046	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.40	0.046	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.60	0.046	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.80	0.046	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.00	0.045	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.20	0.045	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.40	0.045	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.60	0.045	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.80	0.045	468.19	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
61.00	0.045	468.18	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
61.20	0.045	468.18	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
61.40	0.045	468.18	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
61.60	0.045	468.18	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
61.80	0.045	468.18	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.00	0.045	468.18	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.20	0.044	468.18	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.40	0.044	468.18	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.60	0.044	468.18	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
62.80	0.044	468.18	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
63.00	0.044	468.18	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
63.20	0.044	468.17	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
63.40	0.044	468.17	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
63.60	0.044	468.17	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
63.80	0.044	468.17	0.047	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.00	0.044	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.20	0.044	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.40	0.043	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.60	0.043	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
64.80	0.043	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
65.00	0.043	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
65.20	0.043	468.17	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
65.40	0.043	468.17	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
65.60	0.043	468.16	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
65.80	0.043	468.16	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
66.00	0.043	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.20	0.043	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.40	0.043	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.60	0.042	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
66.80	0.042	468.16	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
67.00	0.042	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
67.20	0.042	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
67.40	0.042	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
67.60	0.042	468.16	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
67.80	0.042	468.15	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
68.00	0.042	468.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.20	0.042	468.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.40	0.042	468.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
68.60	0.041	468.15	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
68.80	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
69.00	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
69.20	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
69.40	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
69.60	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
69.80	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
70.00	0.041	468.15	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
70.20	0.041	468.14	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.40	0.041	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.60	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
70.80	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
71.00	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
71.20	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
71.40	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
71.60	0.040	468.14	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
71.80	0.040	468.14	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
72.00	0.040	468.14	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
72.20	0.040	468.14	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.40	0.040	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.60	0.039	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
72.80	0.039	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
73.00	0.039	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
73.20	0.039	468.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
73.40	0.039	468.13	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
73.60	0.039	468.13	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
73.80	0.039	468.13	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.00	0.039	468.13	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
74.20	0.038	468.13	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.40	0.038	468.13	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.60	0.038	468.12	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
74.80	0.038	468.12	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
75.00	0.038	468.12	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
75.20	0.038	468.12	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
75.40	0.038	468.12	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
75.60	0.038	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
75.80	0.037	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
76.00	0.037	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
76.20	0.037	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
76.40	0.037	468.12	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
76.60	0.037	468.11	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
76.80	0.037	468.11	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
77.00	0.037	468.11	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
77.20	0.037	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.40	0.036	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.60	0.036	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
77.80	0.036	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
78.00	0.036	468.11	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
78.20	0.036	468.11	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
78.40	0.036	468.11	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
78.60	0.036	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
78.80	0.035	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
79.00	0.035	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
79.20	0.035	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
79.40	0.035	468.10	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
79.60	0.035	468.10	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
79.80	0.035	468.10	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
80.00	0.034	468.10	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
80.20	0.034	468.10	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
80.40	0.034	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
80.60	0.034	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
80.80	0.034	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
81.00	0.034	468.09	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
81.20	0.034	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.40	0.033	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.60	0.033	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
81.80	0.033	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
82.00	0.033	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
82.20	0.033	468.09	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
82.40	0.033	468.08	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.60	0.032	468.08	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
82.80	0.032	468.08	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
83.00	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
83.20	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
83.40	0.032	468.08	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
83.60	0.032	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
83.80	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
84.00	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
84.20	0.031	468.08	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
84.40	0.031	468.07	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
84.60	0.031	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
84.80	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
85.00	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
85.20	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
85.40	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
85.60	0.030	468.07	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
85.80	0.029	468.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
86.00	0.029	468.07	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
86.20	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
86.40	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
86.60	0.029	468.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
86.80	0.029	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.00	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.20	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.40	0.028	468.06	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.60	0.028	468.06	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
87.80	0.028	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.00	0.027	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.20	0.027	468.06	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.40	0.027	468.06	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.60	0.027	468.05	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
88.80	0.027	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.00	0.026	468.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.20	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.40	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.60	0.026	468.05	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
89.80	0.026	468.05	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.00	0.026	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.20	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.40	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.60	0.025	468.05	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
90.80	0.025	468.04	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #3 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
91.00	0.025	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.20	0.024	468.04	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.40	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.60	0.024	468.04	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
91.80	0.024	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.00	0.023	468.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.20	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.40	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.60	0.023	468.04	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
92.80	0.023	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
93.00	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
93.20	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
93.40	0.022	468.03	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
93.60	0.022	468.03	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
93.80	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
94.00	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
94.20	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
94.40	0.021	468.03	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
94.60	0.021	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
94.80	0.020	468.03	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
95.00	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
95.20	0.020	468.02	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
95.40	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
95.60	0.019	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
95.80	0.018	468.02	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
96.00	0.018	468.02	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 12

SSDEDB #4 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.160 cfs
Storm frequency	= 100 yrs	Time to peak	= 13.57 hrs
Time interval	= 2 min	Hyd. volume	= 11,044 cuft
Inflow hyd. No.	= 11 - SSDEDB #4 In	Reservoir name	= SSDEDB #4
Max. Elevation	= 457.06 ft	Max. Storage	= 7,673 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
3.40	0.013	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
3.60	0.015	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
3.80	0.017	451.76	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
4.00	0.018	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
4.20	0.020	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
4.40	0.022	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
4.60	0.024	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
4.80	0.026	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
5.00	0.028	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
5.20	0.029	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
5.40	0.031	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
5.60	0.033	451.89	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
5.80	0.035	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
6.00	0.037	451.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
6.20	0.039	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
6.40	0.041	451.97	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
6.60	0.043	451.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
6.80	0.045	452.02	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
7.00	0.047	452.04	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
7.20	0.049	452.07	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
7.40	0.051	452.10	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
7.60	0.053	452.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
7.80	0.054	452.16	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
8.00	0.056	452.19	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
8.20	0.061	452.22	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
8.40	0.067	452.26	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
8.60	0.074	452.30	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
8.80	0.080	452.34	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
9.00	0.087	452.38	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
9.20	0.090	452.41	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
9.40	0.091	452.44	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
9.60	0.094	452.47	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
9.80	0.104	452.50	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
10.00	0.115	452.54	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
10.20	0.129	452.58	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.40	0.144	452.62	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.60	0.163	452.68	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
10.80	0.189	452.74	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.00	0.215	452.80	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.20	0.267	452.88	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.40	0.331	452.98	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
11.60	0.697	453.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
11.80	2.373	453.66	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
12.00	3.620	455.29	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
12.20	0.576	455.98	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
12.40	0.421	456.32	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
12.60	0.291	456.55	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
12.80	0.254	456.72	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.00	0.219	456.86	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
13.20	0.195	456.98	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
13.40	0.176	457.05	0.141	0.060	-----	-----	0.078	-----	-----	-----	-----	0.138
13.60	0.158	457.06	0.161	0.060	-----	-----	0.100	-----	-----	-----	-----	0.160
13.80	0.144	457.06	0.153	0.060	-----	-----	0.091	-----	-----	-----	-----	0.151
14.00	0.131	457.05	0.141	0.060	-----	-----	0.078	-----	-----	-----	-----	0.138
14.20	0.123	457.05	0.130	0.060	-----	-----	0.068	-----	-----	-----	-----	0.127
14.40	0.118	457.04	0.124	0.060	-----	-----	0.062	-----	-----	-----	-----	0.122
14.60	0.114	457.04	0.118	0.060	-----	-----	0.057	-----	-----	-----	-----	0.117
14.80	0.109	457.04	0.113	0.060	-----	-----	0.052	-----	-----	-----	-----	0.112
15.00	0.104	457.04	0.108	0.060	-----	-----	0.047	-----	-----	-----	-----	0.107
15.20	0.099	457.03	0.103	0.060	-----	-----	0.042	-----	-----	-----	-----	0.102
15.40	0.095	457.03	0.098	0.060	-----	-----	0.038	-----	-----	-----	-----	0.098
15.60	0.090	457.03	0.095	0.060	-----	-----	0.034	-----	-----	-----	-----	0.094
15.80	0.085	457.02	0.090	0.060	-----	-----	0.030	-----	-----	-----	-----	0.090
16.00	0.080	457.02	0.086	0.060	-----	-----	0.025	-----	-----	-----	-----	0.085
16.20	0.078	457.02	0.082	0.060	-----	-----	0.021	-----	-----	-----	-----	0.081
16.40	0.076	457.01	0.080	0.060	-----	-----	0.018	-----	-----	-----	-----	0.078
16.60	0.074	457.01	0.078	0.060	-----	-----	0.016	-----	-----	-----	-----	0.076
16.80	0.072	457.01	0.076	0.060	-----	-----	0.014	-----	-----	-----	-----	0.074
17.00	0.071	457.01	0.074	0.060	-----	-----	0.013	-----	-----	-----	-----	0.073
17.20	0.069	457.01	0.073	0.060	-----	-----	0.011	-----	-----	-----	-----	0.071
17.40	0.067	457.01	0.071	0.060	-----	-----	0.009	-----	-----	-----	-----	0.069
17.60	0.066	457.01	0.069	0.060	-----	-----	0.008	-----	-----	-----	-----	0.067
17.80	0.064	457.00	0.068	0.060	-----	-----	0.006	-----	-----	-----	-----	0.066
18.00	0.062	457.00	0.066	0.060	-----	-----	0.004	-----	-----	-----	-----	0.064
18.20	0.060	457.00	0.064	0.060	-----	-----	0.002	-----	-----	-----	-----	0.062
18.40	0.059	457.00	0.063	0.060	-----	-----	0.001	-----	-----	-----	-----	0.061

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.60	0.057	457.00	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
18.80	0.055	457.00	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.00	0.054	456.99	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.20	0.052	456.99	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.40	0.050	456.98	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.60	0.049	456.97	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
19.80	0.047	456.96	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.00	0.045	456.95	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
20.20	0.044	456.94	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
20.40	0.044	456.93	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
20.60	0.044	456.91	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
20.80	0.043	456.90	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
21.00	0.043	456.89	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
21.20	0.043	456.88	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
21.40	0.042	456.86	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
21.60	0.042	456.85	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
21.80	0.042	456.83	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.00	0.041	456.82	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.20	0.041	456.81	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.40	0.041	456.79	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.60	0.040	456.78	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
22.80	0.040	456.76	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.00	0.040	456.75	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.20	0.039	456.73	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.40	0.039	456.72	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.60	0.039	456.70	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
23.80	0.038	456.69	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.00	0.038	456.67	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.20	0.000	456.63	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
24.40	0.000	456.59	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.60	0.000	456.54	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.80	0.000	456.50	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.00	0.000	456.45	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.20	0.000	456.41	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.40	0.000	456.36	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.60	0.000	456.32	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
25.80	0.000	456.28	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
26.00	0.000	456.23	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.20	0.000	456.19	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.40	0.000	456.15	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
26.60	0.000	456.10	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
26.80	0.000	456.06	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.00	0.000	456.02	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.20	0.000	455.99	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
27.40	0.000	455.95	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.60	0.000	455.91	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
27.80	0.000	455.88	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.00	0.000	455.84	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.20	0.000	455.81	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
28.40	0.000	455.78	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.60	0.000	455.74	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
28.80	0.000	455.71	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.00	0.000	455.68	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.20	0.000	455.65	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
29.40	0.000	455.62	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
29.60	0.000	455.60	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.80	0.000	455.57	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.00	0.000	455.54	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.20	0.000	455.51	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
30.40	0.000	455.49	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.60	0.000	455.46	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
30.80	0.000	455.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.00	0.000	455.41	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.20	0.000	455.38	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.40	0.000	455.36	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
31.60	0.000	455.33	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
31.80	0.000	455.31	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.00	0.000	455.29	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.20	0.000	455.26	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.40	0.000	455.24	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.60	0.000	455.22	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
32.80	0.000	455.19	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.00	0.000	455.17	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.20	0.000	455.15	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.40	0.000	455.12	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.60	0.000	455.10	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
33.80	0.000	455.08	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
34.00	0.000	455.06	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.20	0.000	455.03	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.40	0.000	455.01	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.60	0.000	454.99	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
34.80	0.000	454.97	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
35.00	0.000	454.95	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
35.20	0.000	454.93	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.40	0.000	454.91	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.60	0.000	454.89	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
35.80	0.000	454.87	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.00	0.000	454.85	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.20	0.000	454.83	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.40	0.000	454.81	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
36.60	0.000	454.79	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
36.80	0.000	454.77	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.00	0.000	454.75	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.20	0.000	454.73	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.40	0.000	454.71	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.60	0.000	454.69	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
37.80	0.000	454.67	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
38.00	0.000	454.65	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.20	0.000	454.63	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.40	0.000	454.61	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.60	0.000	454.59	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
38.80	0.000	454.58	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
39.00	0.000	454.56	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
39.20	0.000	454.54	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
39.40	0.000	454.52	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.60	0.000	454.50	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
39.80	0.000	454.48	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.00	0.000	454.47	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.20	0.000	454.45	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.40	0.000	454.43	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.60	0.000	454.41	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
40.80	0.000	454.39	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.00	0.000	454.38	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.20	0.000	454.36	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.40	0.000	454.34	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.60	0.000	454.33	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
41.80	0.000	454.31	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
42.00	0.000	454.29	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
42.20	0.000	454.28	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.40	0.000	454.26	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.60	0.000	454.24	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
42.80	0.000	454.23	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.00	0.000	454.21	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.20	0.000	454.19	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.40	0.000	454.18	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
43.60	0.000	454.16	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
43.80	0.000	454.14	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.00	0.000	454.13	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.20	0.000	454.11	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.40	0.000	454.09	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.60	0.000	454.08	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
44.80	0.000	454.06	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
45.00	0.000	454.05	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.20	0.000	454.03	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.40	0.000	454.02	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.60	0.000	454.00	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
45.80	0.000	453.98	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
46.00	0.000	453.97	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
46.20	0.000	453.95	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
46.40	0.000	453.94	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.60	0.000	453.92	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
46.80	0.000	453.91	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
47.00	0.000	453.89	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
47.20	0.000	453.88	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
47.40	0.000	453.86	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
47.60	0.000	453.85	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
47.80	0.000	453.84	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
48.00	0.000	453.82	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.20	0.000	453.81	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.40	0.000	453.79	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.60	0.000	453.78	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
48.80	0.000	453.76	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
49.00	0.000	453.75	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
49.20	0.000	453.73	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
49.40	0.000	453.72	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
49.60	0.000	453.71	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
49.80	0.000	453.69	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.00	0.000	453.68	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.20	0.000	453.66	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.40	0.000	453.65	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.60	0.000	453.64	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
50.80	0.000	453.62	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
51.00	0.000	453.61	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
51.20	0.000	453.60	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
51.40	0.000	453.58	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
51.60	0.000	453.57	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
51.80	0.000	453.56	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
52.00	0.000	453.54	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.20	0.000	453.53	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
52.40	0.000	453.52	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
52.60	0.000	453.50	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
52.80	0.000	453.49	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
53.00	0.000	453.48	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
53.20	0.000	453.46	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
53.40	0.000	453.45	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
53.60	0.000	453.44	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
53.80	0.000	453.42	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
54.00	0.000	453.41	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
54.20	0.000	453.40	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
54.40	0.000	453.39	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
54.60	0.000	453.37	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
54.80	0.000	453.36	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
55.00	0.000	453.35	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
55.20	0.000	453.34	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
55.40	0.000	453.32	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
55.60	0.000	453.31	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
55.80	0.000	453.30	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
56.00	0.000	453.29	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
56.20	0.000	453.28	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
56.40	0.000	453.26	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
56.60	0.000	453.25	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
56.80	0.000	453.24	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
57.00	0.000	453.23	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
57.20	0.000	453.22	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
57.40	0.000	453.20	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
57.60	0.000	453.19	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.80	0.000	453.18	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
58.00	0.000	453.17	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
58.20	0.000	453.16	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
58.40	0.000	453.15	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
58.60	0.000	453.14	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
58.80	0.000	453.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
59.00	0.000	453.11	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
59.20	0.000	453.10	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
59.40	0.000	453.09	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
59.60	0.000	453.08	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
59.80	0.000	453.07	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
60.00	0.000	453.06	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
60.20	0.000	453.05	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
60.40	0.000	453.03	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
60.60	0.000	453.02	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
60.80	0.000	453.01	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.00	0.000	453.00	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.20	0.000	452.99	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.40	0.000	452.98	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.60	0.000	452.97	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.80	0.000	452.96	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
62.00	0.000	452.95	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
62.20	0.000	452.94	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
62.40	0.000	452.93	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
62.60	0.000	452.92	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
62.80	0.000	452.91	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
63.00	0.000	452.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
63.20	0.000	452.89	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
63.40	0.000	452.88	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
63.60	0.000	452.87	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
63.80	0.000	452.86	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
64.00	0.000	452.85	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
64.20	0.000	452.84	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
64.40	0.000	452.83	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
64.60	0.000	452.82	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
64.80	0.000	452.81	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.00	0.000	452.80	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.20	0.000	452.79	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
65.40	0.000	452.78	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
65.60	0.000	452.77	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
65.80	0.000	452.76	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.00	0.000	452.75	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.20	0.000	452.74	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.40	0.000	452.73	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.60	0.000	452.72	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.80	0.000	452.71	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
67.00	0.000	452.70	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
67.20	0.000	452.69	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
67.40	0.000	452.68	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
67.60	0.000	452.67	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
67.80	0.000	452.66	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.00	0.000	452.65	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.20	0.000	452.64	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.40	0.000	452.63	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
68.60	0.000	452.62	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
68.80	0.000	452.61	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
69.00	0.000	452.60	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
69.20	0.000	452.59	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
69.40	0.000	452.58	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
69.60	0.000	452.57	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
69.80	0.000	452.56	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
70.00	0.000	452.55	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
70.20	0.000	452.54	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
70.40	0.000	452.53	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
70.60	0.000	452.52	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
70.80	0.000	452.51	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.00	0.000	452.50	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.20	0.000	452.49	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
71.40	0.000	452.48	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
71.60	0.000	452.47	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
71.80	0.000	452.46	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.00	0.000	452.45	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.20	0.000	452.45	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.40	0.000	452.44	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.60	0.000	452.43	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
72.80	0.000	452.42	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
73.00	0.000	452.41	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
73.20	0.000	452.40	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
73.40	0.000	452.39	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
73.60	0.000	452.38	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
73.80	0.000	452.37	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.00	0.000	452.37	0.022	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
74.20	0.000	452.35	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
74.40	0.000	452.33	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
74.60	0.000	452.32	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
74.80	0.000	452.30	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
75.00	0.000	452.29	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
75.20	0.000	452.27	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
75.40	0.000	452.26	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
75.60	0.000	452.24	0.020	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
75.80	0.000	452.23	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
76.00	0.000	452.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
76.20	0.000	452.20	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
76.40	0.000	452.19	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
76.60	0.000	452.17	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
76.80	0.000	452.16	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
77.00	0.000	452.15	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
77.20	0.000	452.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
77.40	0.000	452.12	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
77.60	0.000	452.11	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
77.80	0.000	452.10	0.017	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
78.00	0.000	452.08	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
78.20	0.000	452.07	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
78.40	0.000	452.06	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
78.60	0.000	452.05	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
78.80	0.000	452.04	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
79.00	0.000	452.03	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
79.20	0.000	452.01	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
79.40	0.000	452.00	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
79.60	0.000	451.99	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
79.80	0.000	451.98	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
80.00	0.000	451.97	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
80.20	0.000	451.96	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
80.40	0.000	451.95	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
80.60	0.000	451.94	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
80.80	0.000	451.94	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
81.00	0.000	451.93	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
81.20	0.000	451.92	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
81.40	0.000	451.91	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011
81.60	0.000	451.90	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
81.80	0.000	451.89	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
82.00	0.000	451.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
82.20	0.000	451.88	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
82.40	0.000	451.87	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
82.60	0.000	451.86	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
82.80	0.000	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
83.00	0.000	451.85	0.009	0.009	-----	-----	-----	-----	-----	-----	-----	0.009
83.20	0.000	451.84	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
83.40	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
83.60	0.000	451.83	0.008	0.008	-----	-----	-----	-----	-----	-----	-----	0.008
83.80	0.000	451.82	0.008	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
84.00	0.000	451.82	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
84.20	0.000	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
84.40	0.000	451.81	0.007	0.007	-----	-----	-----	-----	-----	-----	-----	0.007
84.60	0.000	451.80	0.007	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
84.80	0.000	451.80	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
85.00	0.000	451.79	0.006	0.006	-----	-----	-----	-----	-----	-----	-----	0.006
85.20	0.000	451.79	0.006	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
85.40	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
85.60	0.000	451.78	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005

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SSDEDB #4 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
85.80	0.000	451.77	0.005	0.005	-----	-----	-----	-----	-----	-----	-----	0.005
86.00	0.000	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
86.20	0.000	451.77	0.005	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
86.40	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
86.60	0.000	451.76	0.004	0.004	-----	-----	-----	-----	-----	-----	-----	0.004
86.80	0.000	451.76	0.004	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
87.00	0.000	451.76	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
87.20	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
87.40	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
87.60	0.000	451.75	0.003	0.003	-----	-----	-----	-----	-----	-----	-----	0.003
87.80	0.000	451.75	0.003	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
88.00	0.000	451.75	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
88.20	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
88.40	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
88.60	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
88.80	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002
89.00	0.000	451.74	0.002	0.002	-----	-----	-----	-----	-----	-----	-----	0.002

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 15

SSDEDB #5 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.740 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 28,823 cuft
Inflow hyd. No.	= 14 - SSDEDB #4 Out	Reservoir name	= SSDEDB #5
Max. Elevation	= 453.18 ft	Max. Storage	= 9,324 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.40	0.039	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
6.60	0.042	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
6.80	0.046	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
7.00	0.050	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
7.20	0.054	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
7.40	0.057	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
7.60	0.061	447.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
7.80	0.065	447.97	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
8.00	0.069	447.99	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
8.20	0.074	448.01	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
8.40	0.082	448.03	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
8.60	0.091	448.06	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
8.80	0.101	448.09	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
9.00	0.111	448.12	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
9.20	0.120	448.16	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
9.40	0.126	448.20	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
9.60	0.130	448.25	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
9.80	0.141	448.29	0.070	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
10.00	0.157	448.34	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
10.20	0.175	448.40	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.40	0.198	448.45	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
10.60	0.224	448.49	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
10.80	0.259	448.55	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
11.00	0.301	448.61	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
11.20	0.359	448.70	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
11.40	0.452	448.80	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
11.60	0.640	448.92	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
11.80	2.150	449.27	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
12.00	6.015	450.53	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
12.20	3.203	452.86	0.343	0.231	-----	-----	0.108	-----	-----	-----	-----	0.339
12.40	0.978	453.08	1.200	0.229	-----	-----	0.968	-----	-----	-----	-----	1.197
12.60	0.713	452.99	0.812	0.230	-----	-----	0.573	-----	-----	-----	-----	0.803
12.80	0.559	452.95	0.609	0.231	-----	-----	0.378	-----	-----	-----	-----	0.609
13.00	0.493	452.92	0.531	0.231	-----	-----	0.290	-----	-----	-----	-----	0.521
13.20	0.437	452.91	0.471	0.231	-----	-----	0.231	-----	-----	-----	-----	0.462
13.40	0.477	452.90	0.467	0.231	-----	-----	0.227	-----	-----	-----	-----	0.458
13.60	0.465	452.91	0.482	0.231	-----	-----	0.241	-----	-----	-----	-----	0.472
13.80	0.427	452.90	0.451	0.231	-----	-----	0.213	-----	-----	-----	-----	0.444
14.00	0.389	452.89	0.410	0.231	-----	-----	0.176	-----	-----	-----	-----	0.408
14.20	0.358	452.88	0.376	0.231	-----	-----	0.143	-----	-----	-----	-----	0.375
14.40	0.342	452.87	0.355	0.231	-----	-----	0.121	-----	-----	-----	-----	0.352
14.60	0.328	452.86	0.340	0.231	-----	-----	0.105	-----	-----	-----	-----	0.337
14.80	0.315	452.86	0.328	0.231	-----	-----	0.092	-----	-----	-----	-----	0.323
15.00	0.302	452.85	0.315	0.231	-----	-----	0.078	-----	-----	-----	-----	0.310
15.20	0.288	452.85	0.303	0.231	-----	-----	0.067	-----	-----	-----	-----	0.298
15.40	0.276	452.84	0.290	0.231	-----	-----	0.055	-----	-----	-----	-----	0.286
15.60	0.263	452.83	0.276	0.231	-----	-----	0.042	-----	-----	-----	-----	0.274
15.80	0.250	452.83	0.262	0.231	-----	-----	0.030	-----	-----	-----	-----	0.261

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.237	452.82	0.248	0.231	-----	-----	0.017	-----	-----	-----	-----	0.248
16.20	0.225	452.81	0.244	0.231	-----	-----	0.011	-----	-----	-----	-----	0.242
16.40	0.219	452.80	0.243	0.231	-----	-----	0.006	-----	-----	-----	-----	0.237
16.60	0.213	452.79	0.242	0.230	-----	-----	0.001	-----	-----	-----	-----	0.232
16.80	0.208	452.77	0.238	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
17.00	0.204	452.76	0.232	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
17.20	0.199	452.74	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
17.40	0.194	452.72	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
17.60	0.189	452.69	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
17.80	0.184	452.66	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
18.00	0.180	452.63	0.227	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
18.20	0.175	452.60	0.227	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
18.40	0.170	452.57	0.226	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
18.60	0.166	452.53	0.226	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
18.80	0.163	452.49	0.226	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
19.00	0.160	452.45	0.226	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
19.20	0.157	452.41	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
19.40	0.154	452.36	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
19.60	0.151	452.32	0.226	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
19.80	0.147	452.28	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
20.00	0.144	452.23	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
20.20	0.142	452.18	0.226	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
20.40	0.140	452.13	0.215	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
20.60	0.140	452.09	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
20.80	0.139	452.04	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
21.00	0.138	452.00	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
21.20	0.138	451.96	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
21.40	0.137	451.92	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209

Continues on next page...

SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.136	451.89	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
21.80	0.136	451.85	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
22.00	0.135	451.81	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
22.20	0.134	451.77	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
22.40	0.134	451.73	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
22.60	0.133	451.70	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
22.80	0.132	451.67	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
23.00	0.131	451.64	0.209	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
23.20	0.131	451.61	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
23.40	0.130	451.58	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
23.60	0.129	451.55	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
23.80	0.129	451.52	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
24.00	0.128	451.49	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
24.20	0.086	451.45	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
24.40	0.057	451.40	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
24.60	0.057	451.34	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
24.80	0.057	451.29	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
25.00	0.057	451.23	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
25.20	0.056	451.18	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
25.40	0.056	451.13	0.192	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
25.60	0.056	451.08	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
25.80	0.056	451.03	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
26.00	0.055	450.98	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
26.20	0.055	450.94	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
26.40	0.055	450.89	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
26.60	0.054	450.85	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
26.80	0.054	450.80	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
27.00	0.054	450.75	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176

Continues on next page...

SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.20	0.054	450.71	0.183	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
27.40	0.053	450.67	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
27.60	0.053	450.63	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
27.80	0.053	450.59	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
28.00	0.053	450.55	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
28.20	0.053	450.51	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
28.40	0.052	450.46	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
28.60	0.052	450.43	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
28.80	0.052	450.39	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
29.00	0.052	450.35	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
29.20	0.052	450.31	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
29.40	0.051	450.28	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
29.60	0.051	450.24	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
29.80	0.051	450.20	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
30.00	0.051	450.17	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
30.20	0.051	450.13	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
30.40	0.050	450.10	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
30.60	0.050	450.06	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
30.80	0.050	450.03	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
31.00	0.050	450.00	0.154	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
31.20	0.050	449.96	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
31.40	0.050	449.93	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
31.60	0.049	449.90	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
31.80	0.049	449.87	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
32.00	0.049	449.84	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
32.20	0.049	449.81	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
32.40	0.049	449.77	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
32.60	0.049	449.74	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.80	0.048	449.71	0.147	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
33.00	0.048	449.69	0.140	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
33.20	0.048	449.66	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
33.40	0.048	449.63	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
33.60	0.048	449.60	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
33.80	0.048	449.57	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
34.00	0.047	449.55	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
34.20	0.047	449.52	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
34.40	0.047	449.49	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
34.60	0.047	449.46	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
34.80	0.047	449.44	0.134	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
35.00	0.047	449.41	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
35.20	0.046	449.39	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
35.40	0.046	449.36	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
35.60	0.046	449.34	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
35.80	0.046	449.31	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
36.00	0.046	449.29	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
36.20	0.046	449.26	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
36.40	0.046	449.24	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
36.60	0.045	449.22	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
36.80	0.045	449.19	0.121	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
37.00	0.045	449.17	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
37.20	0.045	449.15	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
37.40	0.045	449.13	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
37.60	0.045	449.11	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
37.80	0.045	449.08	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
38.00	0.044	449.06	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
38.20	0.044	449.04	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.40	0.044	449.02	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
38.60	0.044	449.00	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
38.80	0.044	448.98	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
39.00	0.044	448.96	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
39.20	0.044	448.94	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
39.40	0.043	448.92	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
39.60	0.043	448.90	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
39.80	0.043	448.88	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
40.00	0.043	448.87	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
40.20	0.043	448.85	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
40.40	0.043	448.83	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
40.60	0.043	448.81	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
40.80	0.042	448.79	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
41.00	0.042	448.78	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
41.20	0.042	448.76	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
41.40	0.042	448.74	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
41.60	0.042	448.72	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
41.80	0.042	448.70	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
42.00	0.042	448.68	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
42.20	0.041	448.67	0.095	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
42.40	0.041	448.65	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
42.60	0.041	448.63	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
42.80	0.041	448.61	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
43.00	0.041	448.60	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
43.20	0.041	448.58	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
43.40	0.041	448.56	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
43.60	0.040	448.55	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
43.80	0.040	448.53	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.00	0.040	448.52	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
44.20	0.040	448.50	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
44.40	0.040	448.49	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
44.60	0.040	448.47	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
44.80	0.040	448.46	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
45.00	0.039	448.44	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
45.20	0.039	448.43	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
45.40	0.039	448.42	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
45.60	0.039	448.39	0.078	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
45.80	0.039	448.37	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
46.00	0.039	448.35	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
46.20	0.039	448.33	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
46.40	0.039	448.30	0.073	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
46.60	0.038	448.28	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
46.80	0.038	448.27	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
47.00	0.038	448.25	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
47.20	0.038	448.23	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
47.40	0.038	448.21	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
47.60	0.038	448.20	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
47.80	0.038	448.18	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
48.00	0.037	448.17	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
48.20	0.037	448.15	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
48.40	0.037	448.14	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
48.60	0.037	448.13	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
48.80	0.037	448.12	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
49.00	0.037	448.11	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
49.20	0.037	448.10	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
49.40	0.037	448.09	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.60	0.036	448.08	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
49.80	0.036	448.07	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
50.00	0.036	448.06	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
50.20	0.036	448.05	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.40	0.036	448.04	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.60	0.036	448.04	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
50.80	0.036	448.03	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
51.00	0.035	448.02	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
51.20	0.035	448.02	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
51.40	0.035	448.01	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
51.60	0.035	448.01	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
51.80	0.035	448.00	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
52.00	0.035	448.00	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
52.20	0.035	447.99	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
52.40	0.035	447.99	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
52.60	0.034	447.99	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
52.80	0.034	447.98	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
53.00	0.034	447.98	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
53.20	0.034	447.97	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
53.40	0.034	447.97	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
53.60	0.034	447.97	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
53.80	0.034	447.97	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
54.00	0.034	447.96	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
54.20	0.033	447.96	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
54.40	0.033	447.96	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
54.60	0.033	447.96	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
54.80	0.033	447.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
55.00	0.033	447.95	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.20	0.033	447.95	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
55.40	0.033	447.95	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
55.60	0.033	447.95	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
55.80	0.032	447.94	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
56.00	0.032	447.94	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
56.20	0.032	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
56.40	0.032	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
56.60	0.032	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
56.80	0.032	447.94	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
57.00	0.032	447.94	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
57.20	0.032	447.93	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
57.40	0.031	447.93	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
57.60	0.031	447.93	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
57.80	0.031	447.93	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
58.00	0.031	447.93	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
58.20	0.031	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
58.40	0.031	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
58.60	0.031	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
58.80	0.030	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
59.00	0.030	447.93	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
59.20	0.030	447.92	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
59.40	0.030	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
59.60	0.030	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
59.80	0.030	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
60.00	0.030	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
60.20	0.030	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
60.40	0.029	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
60.60	0.029	447.92	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.80	0.029	447.92	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.00	0.029	447.92	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.20	0.029	447.92	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.40	0.029	447.91	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.60	0.029	447.91	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.80	0.029	447.91	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
62.00	0.028	447.91	0.031	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
62.20	0.028	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
62.40	0.028	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
62.60	0.028	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
62.80	0.028	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
63.00	0.028	447.91	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
63.20	0.028	447.91	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
63.40	0.028	447.91	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
63.60	0.027	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
63.80	0.027	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
64.00	0.027	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
64.20	0.027	447.91	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
64.40	0.027	447.91	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
64.60	0.027	447.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
64.80	0.027	447.90	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
65.00	0.027	447.90	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.20	0.026	447.90	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.40	0.026	447.90	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.60	0.026	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
65.80	0.026	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
66.00	0.026	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
66.20	0.026	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
66.40	0.026	447.90	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
66.60	0.026	447.90	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
66.80	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
67.00	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
67.20	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
67.40	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
67.60	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
67.80	0.025	447.90	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
68.00	0.025	447.89	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
68.20	0.025	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.40	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.60	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
68.80	0.024	447.89	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
69.00	0.024	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
69.20	0.024	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
69.40	0.024	447.89	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
69.60	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
69.80	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
70.00	0.023	447.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
70.20	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
70.40	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
70.60	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
70.80	0.023	447.89	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
71.00	0.023	447.89	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.20	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.40	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.60	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
71.80	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023

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SSDEDB #5 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
72.00	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
72.20	0.022	447.88	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
72.40	0.022	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.60	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
72.80	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
73.00	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
73.20	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
73.40	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
73.60	0.021	447.88	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
73.80	0.021	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.00	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.20	0.020	447.88	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.40	0.020	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.60	0.020	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
74.80	0.019	447.87	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
75.00	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
75.20	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
75.40	0.019	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
75.60	0.018	447.87	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
75.80	0.018	447.87	0.020	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
76.00	0.018	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
76.20	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
76.40	0.017	447.87	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
76.60	0.017	447.87	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
76.80	0.017	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
77.00	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
77.20	0.016	447.86	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 18

SSDEDB #6 Out

Hydrograph type	= Reservoir	Peak discharge	= 15.58 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 90,858 cuft
Inflow hyd. No.	= 17 - SSDEDB #3 Out + SSDEDB #5 Out + SSDEDB #6	Reservoir name	= SSDEDB #6
Max. Elevation	= 452.35 ft	Max. Storage	= 9,151 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.40	1.128	449.22	0.164	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
11.60	1.815	449.62	0.182	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
11.80	6.700	451.10	2.591	0.199	-----	-----	2.355	-----	-----	-----	-----	2.554
12.00	15.51	452.35 <<	15.58	0.195	-----	-----	15.38	-----	-----	-----	-----	15.58
12.20	4.522	451.40	4.986	0.199	-----	-----	4.734	-----	-----	-----	-----	4.933
12.40	3.638	451.29	4.053	0.199	-----	-----	3.778	-----	-----	-----	-----	3.977
12.60	2.515	451.13	2.757	0.199	-----	-----	2.537	-----	-----	-----	-----	2.736
12.80	2.021	451.04	2.171	0.199	-----	-----	1.926	-----	-----	-----	-----	2.124
13.00	1.752	450.99	1.852	0.199	-----	-----	1.625	-----	-----	-----	-----	1.824
13.20	1.550	450.95	1.607	0.199	-----	-----	1.404	-----	-----	-----	-----	1.603
13.40	1.446	450.93	1.485	0.199	-----	-----	1.272	-----	-----	-----	-----	1.471
13.60	1.366	450.92	1.418	0.199	-----	-----	1.195	-----	-----	-----	-----	1.394
13.80	1.267	450.90	1.312	0.199	-----	-----	1.100	-----	-----	-----	-----	1.299
14.00	1.162	450.88	1.197	0.199	-----	-----	0.997	-----	-----	-----	-----	1.196
14.20	1.081	450.86	1.125	0.199	-----	-----	0.905	-----	-----	-----	-----	1.104
14.40	1.040	450.85	1.085	0.199	-----	-----	0.855	-----	-----	-----	-----	1.054
14.60	1.006	450.85	1.055	0.199	-----	-----	0.821	-----	-----	-----	-----	1.020
14.80	0.973	450.84	1.021	0.199	-----	-----	0.789	-----	-----	-----	-----	0.988
15.00	0.941	450.83	0.985	0.199	-----	-----	0.757	-----	-----	-----	-----	0.956
15.20	0.910	450.83	0.951	0.199	-----	-----	0.725	-----	-----	-----	-----	0.924

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.40	0.879	450.82	0.917	0.199	-----	-----	0.694	-----	-----	-----	-----	0.893
15.60	0.847	450.81	0.883	0.199	-----	-----	0.663	-----	-----	-----	-----	0.862
15.80	0.815	450.81	0.850	0.199	-----	-----	0.632	-----	-----	-----	-----	0.831
16.00	0.782	450.80	0.816	0.199	-----	-----	0.599	-----	-----	-----	-----	0.798
16.20	0.761	450.79	0.787	0.199	-----	-----	0.572	-----	-----	-----	-----	0.771
16.40	0.748	450.79	0.770	0.199	-----	-----	0.556	-----	-----	-----	-----	0.755
16.60	0.735	450.79	0.756	0.199	-----	-----	0.542	-----	-----	-----	-----	0.741
16.80	0.725	450.79	0.744	0.199	-----	-----	0.531	-----	-----	-----	-----	0.730
17.00	0.716	450.78	0.734	0.199	-----	-----	0.522	-----	-----	-----	-----	0.721
17.20	0.708	450.78	0.726	0.199	-----	-----	0.513	-----	-----	-----	-----	0.713
17.40	0.699	450.78	0.717	0.199	-----	-----	0.505	-----	-----	-----	-----	0.704
17.60	0.691	450.78	0.708	0.199	-----	-----	0.496	-----	-----	-----	-----	0.695
17.80	0.682	450.77	0.700	0.199	-----	-----	0.487	-----	-----	-----	-----	0.687
18.00	0.673	450.77	0.691	0.199	-----	-----	0.479	-----	-----	-----	-----	0.678
18.20	0.664	450.77	0.682	0.199	-----	-----	0.470	-----	-----	-----	-----	0.669
18.40	0.655	450.77	0.673	0.199	-----	-----	0.461	-----	-----	-----	-----	0.660
18.60	0.646	450.77	0.664	0.199	-----	-----	0.452	-----	-----	-----	-----	0.651
18.80	0.637	450.76	0.655	0.199	-----	-----	0.443	-----	-----	-----	-----	0.642
19.00	0.628	450.76	0.646	0.199	-----	-----	0.434	-----	-----	-----	-----	0.633
19.20	0.619	450.76	0.637	0.199	-----	-----	0.425	-----	-----	-----	-----	0.624
19.40	0.610	450.76	0.628	0.199	-----	-----	0.416	-----	-----	-----	-----	0.615
19.60	0.601	450.75	0.619	0.199	-----	-----	0.407	-----	-----	-----	-----	0.606
19.80	0.592	450.75	0.609	0.199	-----	-----	0.398	-----	-----	-----	-----	0.597
20.00	0.583	450.75	0.600	0.199	-----	-----	0.389	-----	-----	-----	-----	0.588
20.20	0.576	450.75	0.592	0.199	-----	-----	0.381	-----	-----	-----	-----	0.580
20.40	0.572	450.75	0.587	0.199	-----	-----	0.375	-----	-----	-----	-----	0.575
20.60	0.568	450.75	0.583	0.199	-----	-----	0.371	-----	-----	-----	-----	0.570
20.80	0.564	450.74	0.579	0.199	-----	-----	0.368	-----	-----	-----	-----	0.567

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.00	0.561	450.74	0.576	0.199	-----	-----	0.364	-----	-----	-----	-----	0.563
21.20	0.557	450.74	0.572	0.199	-----	-----	0.360	-----	-----	-----	-----	0.559
21.40	0.553	450.74	0.569	0.199	-----	-----	0.356	-----	-----	-----	-----	0.556
21.60	0.550	450.74	0.565	0.199	-----	-----	0.353	-----	-----	-----	-----	0.552
21.80	0.546	450.74	0.561	0.199	-----	-----	0.349	-----	-----	-----	-----	0.548
22.00	0.542	450.74	0.558	0.199	-----	-----	0.345	-----	-----	-----	-----	0.545
22.20	0.539	450.74	0.554	0.199	-----	-----	0.342	-----	-----	-----	-----	0.541
22.40	0.535	450.74	0.551	0.199	-----	-----	0.338	-----	-----	-----	-----	0.537
22.60	0.532	450.74	0.548	0.199	-----	-----	0.335	-----	-----	-----	-----	0.534
22.80	0.529	450.73	0.544	0.199	-----	-----	0.332	-----	-----	-----	-----	0.531
23.00	0.525	450.73	0.541	0.199	-----	-----	0.328	-----	-----	-----	-----	0.527
23.20	0.522	450.73	0.538	0.199	-----	-----	0.325	-----	-----	-----	-----	0.524
23.40	0.519	450.73	0.535	0.199	-----	-----	0.322	-----	-----	-----	-----	0.521
23.60	0.515	450.73	0.532	0.199	-----	-----	0.318	-----	-----	-----	-----	0.517
23.80	0.512	450.73	0.528	0.199	-----	-----	0.315	-----	-----	-----	-----	0.514
24.00	0.509	450.73	0.525	0.199	-----	-----	0.312	-----	-----	-----	-----	0.511
24.20	0.367	450.71	0.454	0.199	-----	-----	0.239	-----	-----	-----	-----	0.438
24.40	0.356	450.69	0.396	0.199	-----	-----	0.178	-----	-----	-----	-----	0.377
24.60	0.352	450.68	0.379	0.199	-----	-----	0.160	-----	-----	-----	-----	0.359
24.80	0.349	450.68	0.371	0.199	-----	-----	0.154	-----	-----	-----	-----	0.353
25.00	0.345	450.68	0.366	0.199	-----	-----	0.149	-----	-----	-----	-----	0.348
25.20	0.341	450.68	0.361	0.199	-----	-----	0.145	-----	-----	-----	-----	0.345
25.40	0.338	450.68	0.356	0.199	-----	-----	0.142	-----	-----	-----	-----	0.341
25.60	0.334	450.67	0.352	0.199	-----	-----	0.138	-----	-----	-----	-----	0.337
25.80	0.331	450.67	0.348	0.199	-----	-----	0.135	-----	-----	-----	-----	0.334
26.00	0.328	450.67	0.344	0.199	-----	-----	0.132	-----	-----	-----	-----	0.331
26.20	0.324	450.67	0.340	0.199	-----	-----	0.128	-----	-----	-----	-----	0.327
26.40	0.321	450.67	0.335	0.199	-----	-----	0.125	-----	-----	-----	-----	0.324

Continues on next page...

SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.60	0.318	450.67	0.331	0.199	-----	-----	0.121	-----	-----	-----	-----	0.320
26.80	0.315	450.67	0.327	0.199	-----	-----	0.118	-----	-----	-----	-----	0.317
27.00	0.311	450.67	0.324	0.199	-----	-----	0.115	-----	-----	-----	-----	0.314
27.20	0.308	450.66	0.320	0.199	-----	-----	0.112	-----	-----	-----	-----	0.311
27.40	0.305	450.66	0.316	0.199	-----	-----	0.109	-----	-----	-----	-----	0.308
27.60	0.302	450.66	0.312	0.199	-----	-----	0.105	-----	-----	-----	-----	0.305
27.80	0.299	450.66	0.308	0.199	-----	-----	0.102	-----	-----	-----	-----	0.301
28.00	0.296	450.66	0.304	0.199	-----	-----	0.099	-----	-----	-----	-----	0.299
28.20	0.293	450.66	0.301	0.199	-----	-----	0.097	-----	-----	-----	-----	0.296
28.40	0.290	450.66	0.297	0.199	-----	-----	0.093	-----	-----	-----	-----	0.293
28.60	0.287	450.66	0.293	0.199	-----	-----	0.090	-----	-----	-----	-----	0.289
28.80	0.284	450.65	0.290	0.199	-----	-----	0.087	-----	-----	-----	-----	0.287
29.00	0.281	450.65	0.286	0.199	-----	-----	0.085	-----	-----	-----	-----	0.284
29.20	0.278	450.65	0.283	0.199	-----	-----	0.082	-----	-----	-----	-----	0.281
29.40	0.276	450.65	0.279	0.199	-----	-----	0.079	-----	-----	-----	-----	0.278
29.60	0.273	450.65	0.276	0.199	-----	-----	0.076	-----	-----	-----	-----	0.275
29.80	0.270	450.65	0.273	0.199	-----	-----	0.073	-----	-----	-----	-----	0.273
30.00	0.267	450.65	0.271	0.199	-----	-----	0.071	-----	-----	-----	-----	0.270
30.20	0.265	450.65	0.269	0.199	-----	-----	0.069	-----	-----	-----	-----	0.268
30.40	0.262	450.65	0.266	0.199	-----	-----	0.066	-----	-----	-----	-----	0.265
30.60	0.259	450.64	0.264	0.199	-----	-----	0.064	-----	-----	-----	-----	0.263
30.80	0.257	450.64	0.262	0.199	-----	-----	0.061	-----	-----	-----	-----	0.260
31.00	0.254	450.64	0.260	0.199	-----	-----	0.058	-----	-----	-----	-----	0.257
31.20	0.252	450.64	0.258	0.199	-----	-----	0.056	-----	-----	-----	-----	0.255
31.40	0.249	450.64	0.255	0.199	-----	-----	0.053	-----	-----	-----	-----	0.252
31.60	0.247	450.64	0.253	0.199	-----	-----	0.051	-----	-----	-----	-----	0.250
31.80	0.244	450.64	0.251	0.199	-----	-----	0.048	-----	-----	-----	-----	0.247
32.00	0.242	450.63	0.249	0.199	-----	-----	0.046	-----	-----	-----	-----	0.245

Continues on next page...

SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.20	0.239	450.63	0.247	0.199	-----	-----	0.043	-----	-----	-----	-----	0.242
32.40	0.237	450.63	0.245	0.199	-----	-----	0.041	-----	-----	-----	-----	0.240
32.60	0.234	450.63	0.243	0.199	-----	-----	0.038	-----	-----	-----	-----	0.237
32.80	0.232	450.63	0.240	0.199	-----	-----	0.036	-----	-----	-----	-----	0.235
33.00	0.229	450.63	0.238	0.199	-----	-----	0.033	-----	-----	-----	-----	0.232
33.20	0.227	450.63	0.236	0.199	-----	-----	0.031	-----	-----	-----	-----	0.230
33.40	0.224	450.62	0.234	0.199	-----	-----	0.028	-----	-----	-----	-----	0.227
33.60	0.222	450.62	0.232	0.199	-----	-----	0.026	-----	-----	-----	-----	0.225
33.80	0.220	450.62	0.230	0.199	-----	-----	0.024	-----	-----	-----	-----	0.223
34.00	0.218	450.62	0.228	0.199	-----	-----	0.022	-----	-----	-----	-----	0.220
34.20	0.215	450.62	0.227	0.199	-----	-----	0.019	-----	-----	-----	-----	0.218
34.40	0.213	450.62	0.225	0.199	-----	-----	0.017	-----	-----	-----	-----	0.216
34.60	0.211	450.62	0.223	0.199	-----	-----	0.015	-----	-----	-----	-----	0.214
34.80	0.209	450.62	0.221	0.199	-----	-----	0.013	-----	-----	-----	-----	0.212
35.00	0.207	450.61	0.220	0.199	-----	-----	0.013	-----	-----	-----	-----	0.211
35.20	0.204	450.61	0.219	0.199	-----	-----	0.012	-----	-----	-----	-----	0.210
35.40	0.202	450.61	0.217	0.199	-----	-----	0.010	-----	-----	-----	-----	0.209
35.60	0.199	450.60	0.215	0.199	-----	-----	0.009	-----	-----	-----	-----	0.208
35.80	0.196	450.60	0.212	0.199	-----	-----	0.007	-----	-----	-----	-----	0.206
36.00	0.194	450.60	0.209	0.198	-----	-----	0.005	-----	-----	-----	-----	0.204
36.20	0.191	450.59	0.206	0.198	-----	-----	0.003	-----	-----	-----	-----	0.202
36.40	0.189	450.59	0.203	0.198	-----	-----	0.001	-----	-----	-----	-----	0.200
36.60	0.187	450.58	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
36.80	0.184	450.58	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
37.00	0.182	450.57	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
37.20	0.181	450.56	0.201	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
37.40	0.179	450.55	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
37.60	0.177	450.55	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197

Continues on next page...

SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.80	0.175	450.54	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
38.00	0.173	450.53	0.201	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
38.20	0.172	450.51	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
38.40	0.170	450.50	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
38.60	0.169	450.49	0.201	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
38.80	0.167	450.48	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
39.00	0.166	450.47	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
39.20	0.164	450.46	0.201	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
39.40	0.163	450.45	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
39.60	0.162	450.43	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
39.80	0.160	450.42	0.201	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
40.00	0.159	450.41	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
40.20	0.158	450.39	0.201	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
40.40	0.157	450.38	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
40.60	0.156	450.36	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
40.80	0.154	450.35	0.201	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
41.00	0.153	450.33	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
41.20	0.152	450.32	0.201	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
41.40	0.151	450.30	0.201	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
41.60	0.150	450.29	0.201	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
41.80	0.149	450.27	0.201	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
42.00	0.147	450.25	0.201	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
42.20	0.146	450.24	0.201	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
42.40	0.145	450.22	0.201	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
42.60	0.144	450.20	0.195	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
42.80	0.143	450.18	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
43.00	0.142	450.17	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
43.20	0.141	450.15	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.40	0.140	450.13	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
43.60	0.138	450.12	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
43.80	0.137	450.10	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
44.00	0.136	450.08	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
44.20	0.135	450.06	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
44.40	0.134	450.04	0.183	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
44.60	0.133	450.02	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
44.80	0.132	450.01	0.182	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
45.00	0.131	449.99	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
45.20	0.130	449.97	0.182	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
45.40	0.129	449.95	0.182	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
45.60	0.128	449.93	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
45.80	0.126	449.91	0.182	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
46.00	0.124	449.89	0.182	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
46.20	0.122	449.87	0.182	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
46.40	0.121	449.85	0.182	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
46.60	0.119	449.83	0.182	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
46.80	0.118	449.81	0.182	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
47.00	0.116	449.79	0.182	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
47.20	0.115	449.77	0.182	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
47.40	0.113	449.74	0.182	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
47.60	0.112	449.72	0.182	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
47.80	0.111	449.70	0.182	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
48.00	0.109	449.68	0.182	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
48.20	0.108	449.66	0.182	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
48.40	0.107	449.63	0.182	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
48.60	0.106	449.61	0.180	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
48.80	0.105	449.59	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168

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SSDEDB #6 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.00	0.103	449.56	0.168	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
49.20	0.102	449.54	0.167	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
49.40	0.101	449.52	0.166	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
49.60	0.100	449.50	0.166	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
49.80	0.099	449.47	0.165	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
50.00	0.098	449.45	0.164	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
50.20	0.097	449.43	0.164	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
50.40	0.097	449.40	0.164	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
50.60	0.096	449.38	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
50.80	0.095	449.36	0.164	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
51.00	0.094	449.34	0.164	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
51.20	0.094	449.31	0.164	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
51.40	0.093	449.29	0.164	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
51.60	0.092	449.27	0.164	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
51.80	0.092	449.25	0.164	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
52.00	0.091	449.22	0.164	0.156	-----	-----	-----	-----	-----	-----	-----	0.156

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 23

SSDEDB #7 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.382 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 10,697 cuft
Inflow hyd. No.	= 22 - SSDEDB #7 In	Reservoir name	= SSDEDB #7
Max. Elevation	= 449.41 ft	Max. Storage	= 5,081 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.60	0.130	444.88	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.80	0.151	444.95	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
11.00	0.176	445.03	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.20	0.210	445.12	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.40	0.266	445.24	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
11.60	0.380	445.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.80	1.291	445.80	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
12.00	3.545	447.27	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
12.20	1.848	449.36	2.140	0.057	-----	-----	2.066	-----	-----	-----	-----	2.123
12.40	0.537	449.09	0.625	0.057	-----	-----	0.559	-----	-----	-----	-----	0.617
12.60	0.381	449.04	0.428	0.058	-----	-----	0.356	-----	-----	-----	-----	0.414
12.80	0.291	449.01	0.316	0.058	-----	-----	0.250	-----	-----	-----	-----	0.308
13.00	0.252	449.00	0.271	0.058	-----	-----	0.204	-----	-----	-----	-----	0.262
13.20	0.219	448.99	0.237	0.058	-----	-----	0.169	-----	-----	-----	-----	0.227
13.40	0.197	448.98	0.213	0.058	-----	-----	0.146	-----	-----	-----	-----	0.203
13.60	0.177	448.97	0.192	0.058	-----	-----	0.126	-----	-----	-----	-----	0.183
13.80	0.160	448.96	0.173	0.058	-----	-----	0.108	-----	-----	-----	-----	0.165
14.00	0.146	448.96	0.157	0.058	-----	-----	0.093	-----	-----	-----	-----	0.151
14.20	0.134	448.95	0.143	0.058	-----	-----	0.080	-----	-----	-----	-----	0.137
14.40	0.127	448.95	0.135	0.058	-----	-----	0.072	-----	-----	-----	-----	0.130

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.60	0.122	448.95	0.130	0.058	-----	-----	0.067	-----	-----	-----	-----	0.125
14.80	0.118	448.94	0.125	0.058	-----	-----	0.062	-----	-----	-----	-----	0.120
15.00	0.113	448.94	0.120	0.058	-----	-----	0.057	-----	-----	-----	-----	0.115
15.20	0.108	448.94	0.115	0.058	-----	-----	0.052	-----	-----	-----	-----	0.110
15.40	0.103	448.93	0.110	0.058	-----	-----	0.047	-----	-----	-----	-----	0.105
15.60	0.098	448.93	0.105	0.058	-----	-----	0.042	-----	-----	-----	-----	0.100
15.80	0.093	448.93	0.099	0.058	-----	-----	0.037	-----	-----	-----	-----	0.095
16.00	0.088	448.93	0.094	0.058	-----	-----	0.032	-----	-----	-----	-----	0.090
16.20	0.083	448.92	0.089	0.058	-----	-----	0.027	-----	-----	-----	-----	0.085
16.40	0.081	448.92	0.086	0.058	-----	-----	0.024	-----	-----	-----	-----	0.082
16.60	0.079	448.92	0.084	0.058	-----	-----	0.022	-----	-----	-----	-----	0.080
16.80	0.077	448.92	0.082	0.058	-----	-----	0.021	-----	-----	-----	-----	0.078
17.00	0.076	448.92	0.081	0.058	-----	-----	0.019	-----	-----	-----	-----	0.077
17.20	0.074	448.92	0.079	0.058	-----	-----	0.017	-----	-----	-----	-----	0.075
17.40	0.072	448.92	0.077	0.058	-----	-----	0.015	-----	-----	-----	-----	0.073
17.60	0.070	448.92	0.075	0.058	-----	-----	0.014	-----	-----	-----	-----	0.071
17.80	0.069	448.91	0.074	0.058	-----	-----	0.013	-----	-----	-----	-----	0.071
18.00	0.067	448.91	0.073	0.058	-----	-----	0.012	-----	-----	-----	-----	0.069
18.20	0.065	448.91	0.071	0.058	-----	-----	0.010	-----	-----	-----	-----	0.068
18.40	0.063	448.90	0.069	0.058	-----	-----	0.009	-----	-----	-----	-----	0.066
18.60	0.061	448.90	0.067	0.058	-----	-----	0.007	-----	-----	-----	-----	0.065
18.80	0.060	448.90	0.065	0.058	-----	-----	0.005	-----	-----	-----	-----	0.063
19.00	0.058	448.89	0.062	0.058	-----	-----	0.004	-----	-----	-----	-----	0.061
19.20	0.056	448.89	0.060	0.058	-----	-----	0.002	-----	-----	-----	-----	0.060
19.40	0.054	448.88	0.058	0.058	-----	-----	0.000	-----	-----	-----	-----	0.058
19.60	0.052	448.88	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
19.80	0.051	448.87	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.00	0.049	448.86	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.20	0.047	448.85	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
20.40	0.047	448.84	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
20.60	0.046	448.82	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
20.80	0.046	448.81	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.00	0.046	448.80	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.20	0.045	448.78	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.40	0.045	448.77	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.60	0.045	448.75	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.80	0.044	448.74	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.00	0.044	448.72	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.20	0.044	448.71	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.40	0.043	448.69	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.60	0.043	448.67	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.80	0.042	448.66	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.00	0.042	448.64	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.20	0.042	448.62	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.40	0.041	448.61	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.60	0.041	448.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.80	0.041	448.57	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.00	0.040	448.55	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.20	0.016	448.52	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.40	0.000	448.47	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.60	0.000	448.40	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.80	0.000	448.34	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.00	0.000	448.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.20	0.000	448.22	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.40	0.000	448.17	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
25.60	0.000	448.11	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.80	0.000	448.06	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.00	0.000	448.01	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.20	0.000	447.95	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.40	0.000	447.91	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.60	0.000	447.87	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
26.80	0.000	447.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.00	0.000	447.79	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.20	0.000	447.75	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.40	0.000	447.70	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.60	0.000	447.66	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.80	0.000	447.62	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.00	0.000	447.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.20	0.000	447.55	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.40	0.000	447.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.60	0.000	447.48	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.80	0.000	447.44	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.00	0.000	447.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.20	0.000	447.37	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.40	0.000	447.34	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.60	0.000	447.31	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
29.80	0.000	447.27	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.00	0.000	447.24	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.20	0.000	447.21	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.40	0.000	447.18	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.60	0.000	447.14	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.80	0.000	447.11	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.00	0.000	447.08	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.20	0.000	447.05	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.40	0.000	447.02	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.60	0.000	446.99	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.80	0.000	446.96	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.00	0.000	446.93	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.20	0.000	446.90	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.40	0.000	446.87	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.60	0.000	446.84	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.80	0.000	446.82	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
33.00	0.000	446.79	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
33.20	0.000	446.76	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.40	0.000	446.73	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.60	0.000	446.71	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.80	0.000	446.68	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
34.00	0.000	446.65	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.20	0.000	446.62	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.40	0.000	446.60	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.60	0.000	446.57	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.80	0.000	446.55	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
35.00	0.000	446.52	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.20	0.000	446.49	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.40	0.000	446.47	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.60	0.000	446.44	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.80	0.000	446.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
36.00	0.000	446.39	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
36.20	0.000	446.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
36.40	0.000	446.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
36.60	0.000	446.32	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
36.80	0.000	446.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.00	0.000	446.27	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
37.20	0.000	446.25	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
37.40	0.000	446.22	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
37.60	0.000	446.20	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
37.80	0.000	446.18	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.00	0.000	446.16	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.20	0.000	446.13	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.40	0.000	446.11	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.60	0.000	446.09	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
38.80	0.000	446.07	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.00	0.000	446.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.20	0.000	446.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.40	0.000	446.00	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.60	0.000	445.98	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
39.80	0.000	445.96	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.00	0.000	445.93	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.20	0.000	445.91	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.40	0.000	445.89	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.60	0.000	445.87	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
40.80	0.000	445.85	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.00	0.000	445.83	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.20	0.000	445.81	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.40	0.000	445.79	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.60	0.000	445.77	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
41.80	0.000	445.75	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.00	0.000	445.73	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.20	0.000	445.71	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.40	0.000	445.69	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.60	0.000	445.67	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
42.80	0.000	445.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.00	0.000	445.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.20	0.000	445.61	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.40	0.000	445.59	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.60	0.000	445.57	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
43.80	0.000	445.56	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
44.00	0.000	445.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
44.20	0.000	445.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
44.40	0.000	445.50	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
44.60	0.000	445.48	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
44.80	0.000	445.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.00	0.000	445.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.20	0.000	445.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.40	0.000	445.41	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.60	0.000	445.39	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
45.80	0.000	445.38	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
46.00	0.000	445.36	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
46.20	0.000	445.34	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
46.40	0.000	445.32	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
46.60	0.000	445.31	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
46.80	0.000	445.29	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
47.00	0.000	445.27	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
47.20	0.000	445.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
47.40	0.000	445.24	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
47.60	0.000	445.23	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
47.80	0.000	445.21	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
48.00	0.000	445.19	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028

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SSDEDB #7 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.20	0.000	445.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
48.40	0.000	445.16	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
48.60	0.000	445.15	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
48.80	0.000	445.13	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
49.00	0.000	445.11	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
49.20	0.000	445.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
49.40	0.000	445.08	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
49.60	0.000	445.07	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
49.80	0.000	445.05	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
50.00	0.000	445.04	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
50.20	0.000	445.02	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
50.40	0.000	445.01	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
50.60	0.000	445.00	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
50.80	0.000	444.98	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
51.00	0.000	444.97	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
51.20	0.000	444.95	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
51.40	0.000	444.94	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
51.60	0.000	444.92	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
51.80	0.000	444.90	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
52.00	0.000	444.89	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
52.20	0.000	444.87	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
52.40	0.000	444.86	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
52.60	0.000	444.84	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 26

SSDEDB #8 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.702 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.23 hrs
Time interval	= 2 min	Hyd. volume	= 18,244 cuft
Inflow hyd. No.	= 25 - SSDEDB #7 Out	Reservoir name	= SSDEDB #8
Max. Elevation	= 442.44 ft	Max. Storage	= 5,078 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.20	0.183	438.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.40	0.224	438.30	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
11.60	0.306	438.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.80	0.953	438.73	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
12.00	2.507	439.74	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
12.20	3.391	442.22	1.290	0.057	-----	-----	1.229	-----	-----	-----	-----	1.286
12.40	0.983	442.19	1.135	0.057	-----	-----	1.064	-----	-----	-----	-----	1.121
12.60	0.673	442.11	0.718	0.057	-----	-----	0.661	-----	-----	-----	-----	0.718
12.80	0.506	442.07	0.529	0.057	-----	-----	0.472	-----	-----	-----	-----	0.529
13.00	0.433	442.05	0.452	0.057	-----	-----	0.389	-----	-----	-----	-----	0.447
13.20	0.375	442.03	0.397	0.057	-----	-----	0.329	-----	-----	-----	-----	0.387
13.40	0.337	442.02	0.355	0.057	-----	-----	0.288	-----	-----	-----	-----	0.345
13.60	0.303	442.01	0.321	0.057	-----	-----	0.254	-----	-----	-----	-----	0.311
13.80	0.274	442.00	0.289	0.057	-----	-----	0.224	-----	-----	-----	-----	0.281
14.00	0.249	442.00	0.264	0.057	-----	-----	0.199	-----	-----	-----	-----	0.256
14.20	0.228	441.99	0.239	0.057	-----	-----	0.176	-----	-----	-----	-----	0.234
14.40	0.216	441.98	0.224	0.057	-----	-----	0.162	-----	-----	-----	-----	0.219
14.60	0.208	441.98	0.214	0.057	-----	-----	0.153	-----	-----	-----	-----	0.210
14.80	0.199	441.98	0.205	0.057	-----	-----	0.144	-----	-----	-----	-----	0.202
15.00	0.191	441.97	0.196	0.057	-----	-----	0.136	-----	-----	-----	-----	0.194

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.20	0.183	441.97	0.187	0.057	-----	-----	0.128	-----	-----	-----	-----	0.185
15.40	0.174	441.97	0.178	0.057	-----	-----	0.119	-----	-----	-----	-----	0.177
15.60	0.166	441.97	0.170	0.057	-----	-----	0.111	-----	-----	-----	-----	0.169
15.80	0.158	441.96	0.162	0.057	-----	-----	0.103	-----	-----	-----	-----	0.161
16.00	0.149	441.96	0.153	0.057	-----	-----	0.095	-----	-----	-----	-----	0.152
16.20	0.142	441.95	0.145	0.057	-----	-----	0.087	-----	-----	-----	-----	0.144
16.40	0.137	441.95	0.140	0.057	-----	-----	0.081	-----	-----	-----	-----	0.139
16.60	0.134	441.95	0.136	0.057	-----	-----	0.077	-----	-----	-----	-----	0.135
16.80	0.131	441.95	0.133	0.057	-----	-----	0.074	-----	-----	-----	-----	0.132
17.00	0.128	441.95	0.130	0.057	-----	-----	0.071	-----	-----	-----	-----	0.129
17.20	0.125	441.95	0.127	0.057	-----	-----	0.068	-----	-----	-----	-----	0.126
17.40	0.122	441.94	0.124	0.057	-----	-----	0.065	-----	-----	-----	-----	0.123
17.60	0.119	441.94	0.121	0.057	-----	-----	0.062	-----	-----	-----	-----	0.120
17.80	0.117	441.94	0.119	0.057	-----	-----	0.060	-----	-----	-----	-----	0.118
18.00	0.115	441.94	0.117	0.057	-----	-----	0.058	-----	-----	-----	-----	0.115
18.20	0.112	441.94	0.114	0.057	-----	-----	0.055	-----	-----	-----	-----	0.113
18.40	0.109	441.94	0.112	0.057	-----	-----	0.053	-----	-----	-----	-----	0.110
18.60	0.106	441.94	0.109	0.057	-----	-----	0.050	-----	-----	-----	-----	0.107
18.80	0.103	441.94	0.106	0.057	-----	-----	0.047	-----	-----	-----	-----	0.104
19.00	0.100	441.93	0.103	0.057	-----	-----	0.044	-----	-----	-----	-----	0.101
19.20	0.097	441.93	0.100	0.058	-----	-----	0.041	-----	-----	-----	-----	0.098
19.40	0.094	441.93	0.097	0.058	-----	-----	0.039	-----	-----	-----	-----	0.096
19.60	0.093	441.93	0.095	0.058	-----	-----	0.037	-----	-----	-----	-----	0.094
19.80	0.092	441.93	0.094	0.058	-----	-----	0.035	-----	-----	-----	-----	0.093
20.00	0.091	441.93	0.093	0.057	-----	-----	0.034	-----	-----	-----	-----	0.091
20.20	0.089	441.93	0.091	0.057	-----	-----	0.033	-----	-----	-----	-----	0.090
20.40	0.089	441.93	0.091	0.057	-----	-----	0.032	-----	-----	-----	-----	0.089
20.60	0.089	441.93	0.090	0.057	-----	-----	0.031	-----	-----	-----	-----	0.089

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.80	0.088	441.93	0.090	0.057	-----	-----	0.031	-----	-----	-----	-----	0.089
21.00	0.088	441.93	0.089	0.057	-----	-----	0.031	-----	-----	-----	-----	0.088
21.20	0.088	441.93	0.089	0.057	-----	-----	0.030	-----	-----	-----	-----	0.088
21.40	0.087	441.92	0.089	0.057	-----	-----	0.030	-----	-----	-----	-----	0.088
21.60	0.087	441.92	0.088	0.057	-----	-----	0.030	-----	-----	-----	-----	0.087
21.80	0.087	441.92	0.088	0.057	-----	-----	0.029	-----	-----	-----	-----	0.087
22.00	0.086	441.92	0.088	0.057	-----	-----	0.029	-----	-----	-----	-----	0.087
22.20	0.086	441.92	0.087	0.057	-----	-----	0.029	-----	-----	-----	-----	0.086
22.40	0.086	441.92	0.087	0.057	-----	-----	0.028	-----	-----	-----	-----	0.086
22.60	0.085	441.92	0.087	0.057	-----	-----	0.028	-----	-----	-----	-----	0.086
22.80	0.085	441.92	0.086	0.057	-----	-----	0.028	-----	-----	-----	-----	0.085
23.00	0.085	441.92	0.086	0.057	-----	-----	0.027	-----	-----	-----	-----	0.085
23.20	0.084	441.92	0.086	0.057	-----	-----	0.027	-----	-----	-----	-----	0.085
23.40	0.084	441.92	0.085	0.057	-----	-----	0.027	-----	-----	-----	-----	0.084
23.60	0.084	441.92	0.085	0.057	-----	-----	0.026	-----	-----	-----	-----	0.084
23.80	0.083	441.92	0.084	0.057	-----	-----	0.026	-----	-----	-----	-----	0.084
24.00	0.083	441.92	0.084	0.057	-----	-----	0.026	-----	-----	-----	-----	0.083
24.20	0.066	441.92	0.077	0.057	-----	-----	0.019	-----	-----	-----	-----	0.077
24.40	0.055	441.90	0.063	0.057	-----	-----	0.005	-----	-----	-----	-----	0.062
24.60	0.055	441.90	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
24.80	0.054	441.90	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.00	0.054	441.89	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.20	0.054	441.89	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.40	0.053	441.88	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.60	0.053	441.88	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
25.80	0.053	441.87	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
26.00	0.052	441.87	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
26.20	0.052	441.86	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.40	0.052	441.85	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
26.60	0.051	441.85	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
26.80	0.051	441.84	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.00	0.051	441.83	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.20	0.050	441.82	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.40	0.050	441.81	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.60	0.050	441.81	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
27.80	0.050	441.80	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.00	0.049	441.79	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.20	0.049	441.78	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.40	0.049	441.77	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.60	0.049	441.76	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
28.80	0.048	441.75	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
29.00	0.048	441.74	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
29.20	0.048	441.73	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.40	0.048	441.72	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.60	0.047	441.71	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
29.80	0.047	441.70	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.00	0.047	441.69	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.20	0.047	441.68	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.40	0.046	441.66	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.60	0.046	441.65	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
30.80	0.046	441.64	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.00	0.046	441.63	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.20	0.046	441.62	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.40	0.045	441.61	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.60	0.045	441.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
31.80	0.045	441.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.00	0.045	441.57	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.20	0.044	441.55	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.40	0.044	441.54	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.60	0.044	441.53	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
32.80	0.044	441.51	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.00	0.044	441.50	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.20	0.043	441.49	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.40	0.043	441.47	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.60	0.043	441.46	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
33.80	0.043	441.45	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.00	0.042	441.43	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.20	0.042	441.42	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
34.40	0.042	441.40	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
34.60	0.042	441.39	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
34.80	0.042	441.37	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.00	0.041	441.36	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.20	0.041	441.34	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.40	0.041	441.33	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.60	0.041	441.31	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
35.80	0.041	441.30	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.00	0.040	441.29	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.20	0.040	441.27	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.40	0.040	441.26	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
36.60	0.040	441.25	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
36.80	0.039	441.23	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
37.00	0.039	441.22	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
37.20	0.039	441.20	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
37.40	0.039	441.19	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.60	0.039	441.18	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
37.80	0.038	441.16	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.00	0.038	441.15	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.20	0.038	441.13	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.40	0.038	441.12	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.60	0.038	441.10	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
38.80	0.037	441.09	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
39.00	0.037	441.07	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
39.20	0.037	441.06	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
39.40	0.037	441.04	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
39.60	0.037	441.02	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
39.80	0.036	441.01	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.00	0.036	440.99	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.20	0.036	440.98	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.40	0.036	440.97	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.60	0.036	440.96	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.80	0.035	440.94	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.00	0.035	440.93	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.20	0.035	440.92	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.40	0.035	440.90	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.60	0.035	440.89	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
41.80	0.034	440.88	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.00	0.034	440.86	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.20	0.034	440.85	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.40	0.034	440.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.60	0.034	440.82	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.80	0.033	440.81	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.00	0.033	440.80	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.20	0.033	440.78	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
43.40	0.033	440.77	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
43.60	0.033	440.75	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
43.80	0.032	440.74	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.00	0.032	440.72	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.20	0.032	440.71	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.40	0.032	440.70	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.60	0.032	440.68	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.80	0.031	440.67	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.00	0.031	440.65	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.20	0.031	440.64	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
45.40	0.031	440.63	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
45.60	0.031	440.61	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
45.80	0.030	440.60	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.00	0.030	440.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.20	0.030	440.57	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.40	0.030	440.56	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.60	0.030	440.54	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.80	0.030	440.53	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.00	0.029	440.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.20	0.029	440.50	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
47.40	0.029	440.49	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
47.60	0.029	440.47	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
47.80	0.029	440.46	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.00	0.028	440.45	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.20	0.028	440.43	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.40	0.028	440.42	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.60	0.028	440.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.80	0.028	440.39	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.00	0.027	440.37	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.20	0.027	440.36	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
49.40	0.027	440.34	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
49.60	0.027	440.33	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
49.80	0.027	440.32	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.00	0.026	440.30	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.20	0.026	440.29	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.40	0.026	440.27	0.048	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.60	0.026	440.26	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.80	0.026	440.25	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.00	0.026	440.23	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.20	0.025	440.22	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
51.40	0.025	440.20	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
51.60	0.025	440.19	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
51.80	0.025	440.17	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.00	0.024	440.16	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.20	0.024	440.15	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.40	0.024	440.13	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.60	0.024	440.12	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.80	0.024	440.10	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.00	0.023	440.09	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
53.20	0.023	440.07	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
53.40	0.023	440.06	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
53.60	0.023	440.04	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
53.80	0.023	440.03	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.00	0.022	440.01	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.20	0.022	440.00	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
54.40	0.022	439.98	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.60	0.022	439.97	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.80	0.021	439.95	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
55.00	0.021	439.94	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
55.20	0.021	439.92	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
55.40	0.021	439.91	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
55.60	0.021	439.89	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
55.80	0.020	439.88	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.00	0.020	439.86	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.20	0.020	439.85	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.40	0.019	439.83	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
56.60	0.019	439.82	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
56.80	0.018	439.80	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.00	0.018	439.78	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.20	0.018	439.77	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.40	0.017	439.75	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.60	0.017	439.73	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.80	0.016	439.72	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.00	0.016	439.70	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
58.20	0.015	439.68	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
58.40	0.015	439.67	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
58.60	0.015	439.65	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
58.80	0.014	439.63	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.00	0.014	439.61	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.20	0.014	439.60	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.40	0.013	439.58	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
59.60	0.013	439.56	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
59.80	0.012	439.55	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.00	0.012	439.53	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
60.20	0.012	439.51	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
60.40	0.011	439.49	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
60.60	0.011	439.47	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
60.80	0.010	439.45	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.00	0.010	439.44	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.20	0.010	439.42	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.40	0.009	439.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.60	0.009	439.38	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.80	0.008	439.36	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
62.00	0.008	439.34	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
62.20	0.008	439.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
62.40	0.007	439.30	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
62.60	0.007	439.28	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
62.80	0.006	439.26	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.00	0.006	439.24	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.20	0.005	439.22	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
63.40	0.005	439.21	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
63.60	0.005	439.19	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
63.80	0.004	439.17	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
64.00	0.004	439.14	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
64.20	0.003	439.12	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
64.40	0.003	439.10	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
64.60	0.003	439.08	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
64.80	0.003	439.06	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
65.00	0.002	439.04	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
65.20	0.002	439.02	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
65.40	0.002	439.00	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
65.60	0.002	438.98	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
65.80	0.002	438.96	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
66.00	0.001	438.94	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
66.20	0.001	438.92	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
66.40	0.001	438.90	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
66.60	0.001	438.88	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
66.80	0.001	438.86	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
67.00	0.001	438.84	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
67.20	0.001	438.82	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
67.40	0.000	438.80	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
67.60	0.000	438.78	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
67.80	0.000	438.76	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.00	0.000	438.74	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.20	0.000	438.72	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.40	0.000	438.70	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
68.60	0.000	438.68	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
68.80	0.000	438.67	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.00	0.000	438.65	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.20	0.000	438.63	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.40	0.000	438.61	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
69.60	0.000	438.59	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
69.80	0.000	438.57	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.00	0.000	438.55	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.20	0.000	438.54	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.40	0.000	438.52	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.60	0.000	438.50	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
70.80	0.000	438.48	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
71.00	0.000	438.46	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #8 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
71.20	0.000	438.45	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
71.40	0.000	438.43	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
71.60	0.000	438.41	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
71.80	0.000	438.39	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.00	0.000	438.38	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.20	0.000	438.36	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.40	0.000	438.34	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.60	0.000	438.33	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
72.80	0.000	438.31	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.00	0.000	438.29	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.20	0.000	438.28	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.40	0.000	438.26	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.60	0.000	438.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
73.80	0.000	438.23	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.00	0.000	438.21	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.20	0.000	438.20	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.40	0.000	438.18	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.60	0.000	438.17	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
74.80	0.000	438.15	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
75.00	0.000	438.14	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 29

SSDEDB #9 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.259 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.43 hrs
Time interval	= 2 min	Hyd. volume	= 23,589 cuft
Inflow hyd. No.	= 28 - SSDEDB #8 Out	Reservoir name	= SSDEDB #9
Max. Elevation	= 434.59 ft	Max. Storage	= 4,033 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.00	0.020	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
6.20	0.021	429.21	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
6.40	0.023	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
6.60	0.025	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
6.80	0.027	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
7.00	0.028	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
7.20	0.030	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
7.40	0.032	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
7.60	0.034	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
7.80	0.035	429.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
8.00	0.037	429.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
8.20	0.040	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
8.40	0.044	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
8.60	0.047	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
8.80	0.051	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
9.00	0.055	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
9.20	0.057	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
9.40	0.059	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
9.60	0.061	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
9.80	0.067	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.00	0.072	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
10.20	0.079	429.49	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
10.40	0.088	429.53	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
10.60	0.097	429.57	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
10.80	0.111	429.63	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
11.00	0.125	429.70	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
11.20	0.151	429.78	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
11.40	0.183	429.85	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
11.60	0.360	429.96	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
11.80	1.198	430.44	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
12.00	1.889	431.83	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
12.20	1.582	432.35	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
12.40	1.338	434.58	0.242	0.241	-----	-----	0.969	-----	-----	-----	-----	1.210
12.60	0.868	434.52	0.242	0.239	-----	-----	0.670	-----	-----	-----	-----	0.910
12.80	0.660	434.47	0.242	0.238	-----	-----	0.447	-----	-----	-----	-----	0.685
13.00	0.560	434.44	0.242	0.238	-----	-----	0.337	-----	-----	-----	-----	0.575
13.20	0.487	434.42	0.242	0.237	-----	-----	0.263	-----	-----	-----	-----	0.500
13.40	0.436	434.40	0.242	0.237	-----	-----	0.209	-----	-----	-----	-----	0.445
13.60	0.393	434.38	0.242	0.236	-----	-----	0.166	-----	-----	-----	-----	0.402
13.80	0.355	434.37	0.242	0.236	-----	-----	0.128	-----	-----	-----	-----	0.364
14.00	0.324	434.36	0.242	0.236	-----	-----	0.097	-----	-----	-----	-----	0.333
14.20	0.297	434.35	0.242	0.235	-----	-----	0.069	-----	-----	-----	-----	0.305
14.40	0.280	434.34	0.242	0.235	-----	-----	0.049	-----	-----	-----	-----	0.285
14.60	0.269	434.33	0.242	0.235	-----	-----	0.038	-----	-----	-----	-----	0.273
14.80	0.258	434.32	0.242	0.235	-----	-----	0.029	-----	-----	-----	-----	0.264
15.00	0.248	434.32	0.242	0.235	-----	-----	0.019	-----	-----	-----	-----	0.253
15.20	0.237	434.31	0.242	0.235	-----	-----	0.008	-----	-----	-----	-----	0.243
15.40	0.226	434.30	0.242	0.234	-----	-----	-----	-----	-----	-----	-----	0.234

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.60	0.215	434.28	0.242	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
15.80	0.205	434.24	0.242	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
16.00	0.194	434.19	0.242	0.232	-----	-----	-----	-----	-----	-----	-----	0.232
16.20	0.185	434.13	0.239	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
16.40	0.178	434.05	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
16.60	0.173	433.97	0.227	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
16.80	0.170	433.89	0.226	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
17.00	0.166	433.80	0.226	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
17.20	0.162	433.72	0.226	0.220	-----	-----	-----	-----	-----	-----	-----	0.220
17.40	0.158	433.63	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
17.60	0.154	433.54	0.226	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
17.80	0.151	433.44	0.214	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
18.00	0.148	433.36	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
18.20	0.144	433.28	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
18.40	0.141	433.20	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
18.60	0.137	433.11	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
18.80	0.133	433.04	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
19.00	0.129	432.97	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
19.20	0.126	432.89	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
19.40	0.122	432.81	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
19.60	0.119	432.74	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
19.80	0.117	432.67	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
20.00	0.115	432.60	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
20.20	0.113	432.53	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
20.40	0.112	432.46	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
20.60	0.112	432.40	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
20.80	0.111	432.33	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
21.00	0.111	432.27	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.20	0.110	432.21	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
21.40	0.110	432.15	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
21.60	0.109	432.09	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
21.80	0.109	432.04	0.176	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
22.00	0.108	431.99	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
22.20	0.108	431.94	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
22.40	0.107	431.88	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
22.60	0.107	431.83	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
22.80	0.106	431.78	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
23.00	0.106	431.74	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
23.20	0.105	431.69	0.169	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
23.40	0.104	431.65	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
23.60	0.104	431.60	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
23.80	0.103	431.56	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
24.00	0.103	431.52	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
24.20	0.077	431.46	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
24.40	0.062	431.40	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
24.60	0.057	431.33	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
24.80	0.057	431.26	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
25.00	0.057	431.19	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
25.20	0.057	431.12	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
25.40	0.057	431.06	0.146	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
25.60	0.057	431.00	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
25.80	0.057	430.94	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
26.00	0.057	430.88	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
26.20	0.057	430.83	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
26.40	0.057	430.77	0.131	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
26.60	0.057	430.72	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.80	0.057	430.67	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
27.00	0.057	430.62	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
27.20	0.057	430.58	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
27.40	0.057	430.53	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
27.60	0.057	430.49	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
27.80	0.057	430.45	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
28.00	0.057	430.41	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
28.20	0.057	430.37	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
28.40	0.057	430.33	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
28.60	0.057	430.29	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
28.80	0.057	430.26	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
29.00	0.057	430.22	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
29.20	0.056	430.19	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
29.40	0.056	430.16	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
29.60	0.056	430.13	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
29.80	0.056	430.10	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
30.00	0.056	430.06	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
30.20	0.056	430.03	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
30.40	0.056	430.00	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
30.60	0.056	429.97	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
30.80	0.056	429.95	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
31.00	0.056	429.92	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
31.20	0.056	429.90	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
31.40	0.056	429.87	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
31.60	0.056	429.85	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
31.80	0.056	429.83	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
32.00	0.055	429.81	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
32.20	0.055	429.79	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.40	0.055	429.77	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
32.60	0.055	429.74	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
32.80	0.055	429.71	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
33.00	0.055	429.68	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
33.20	0.055	429.66	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
33.40	0.055	429.64	0.070	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
33.60	0.055	429.62	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
33.80	0.055	429.60	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
34.00	0.055	429.59	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
34.20	0.055	429.57	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
34.40	0.054	429.56	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
34.60	0.054	429.55	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
34.80	0.054	429.54	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
35.00	0.054	429.53	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
35.20	0.054	429.52	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
35.40	0.054	429.52	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
35.60	0.054	429.51	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
35.80	0.054	429.50	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
36.00	0.054	429.50	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
36.20	0.054	429.49	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
36.40	0.054	429.49	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
36.60	0.053	429.49	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
36.80	0.053	429.48	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
37.00	0.053	429.48	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
37.20	0.053	429.48	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
37.40	0.053	429.47	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
37.60	0.053	429.47	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
37.80	0.053	429.47	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.00	0.053	429.47	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.20	0.053	429.47	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.40	0.053	429.46	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.60	0.053	429.46	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
38.80	0.052	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.00	0.052	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.20	0.052	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.40	0.052	429.46	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.60	0.052	429.46	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
39.80	0.052	429.45	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.00	0.052	429.45	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.20	0.052	429.45	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
40.40	0.052	429.45	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.60	0.052	429.45	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
40.80	0.051	429.45	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.00	0.051	429.45	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.20	0.051	429.45	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.40	0.051	429.44	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.60	0.051	429.44	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
41.80	0.051	429.44	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.00	0.051	429.44	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.20	0.051	429.44	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
42.40	0.051	429.44	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.60	0.051	429.44	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
42.80	0.051	429.44	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.00	0.050	429.44	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.20	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.40	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.60	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
43.80	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
44.00	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
44.20	0.050	429.43	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
44.40	0.050	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.60	0.050	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
44.80	0.050	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.00	0.050	429.43	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.20	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.40	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.60	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
45.80	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
46.00	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
46.20	0.049	429.42	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
46.40	0.049	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.60	0.049	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
46.80	0.049	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.00	0.049	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.20	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.40	0.048	429.42	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.60	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
47.80	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
48.00	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
48.20	0.048	429.41	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
48.40	0.048	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.60	0.048	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
48.80	0.048	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.00	0.048	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.20	0.047	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.40	0.047	429.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.60	0.047	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
49.80	0.047	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
50.00	0.047	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
50.20	0.047	429.40	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
50.40	0.047	429.40	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.60	0.047	429.40	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
50.80	0.047	429.40	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.00	0.047	429.40	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.20	0.046	429.40	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.40	0.046	429.40	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.60	0.046	429.40	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
51.80	0.046	429.39	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
52.00	0.046	429.39	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
52.20	0.046	429.39	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
52.40	0.046	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.60	0.046	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
52.80	0.046	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.00	0.045	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.20	0.045	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.40	0.045	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.60	0.045	429.39	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
53.80	0.045	429.38	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
54.00	0.045	429.38	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
54.20	0.045	429.38	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.40	0.045	429.38	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
54.60	0.045	429.38	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
54.80	0.044	429.38	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
55.00	0.044	429.38	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
55.20	0.044	429.38	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
55.40	0.044	429.38	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
55.60	0.044	429.37	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
55.80	0.044	429.37	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
56.00	0.044	429.37	0.047	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.20	0.044	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.40	0.043	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.60	0.043	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
56.80	0.043	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
57.00	0.043	429.37	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
57.20	0.043	429.37	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
57.40	0.043	429.36	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
57.60	0.043	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
57.80	0.043	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.00	0.042	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.20	0.042	429.36	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.40	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.60	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.80	0.042	429.36	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
59.00	0.042	429.35	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
59.20	0.042	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.40	0.041	429.35	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.60	0.041	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.80	0.041	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
60.00	0.041	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
60.20	0.041	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.40	0.041	429.35	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
60.60	0.041	429.34	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
60.80	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.00	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.20	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.40	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.60	0.040	429.34	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.80	0.040	429.34	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
62.00	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
62.20	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
62.40	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
62.60	0.039	429.33	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
62.80	0.039	429.33	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
63.00	0.039	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.20	0.038	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.40	0.038	429.33	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.60	0.038	429.32	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
63.80	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
64.00	0.038	429.32	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
64.20	0.037	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
64.40	0.037	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
64.60	0.037	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
64.80	0.037	429.32	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
65.00	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
65.20	0.037	429.31	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
65.40	0.036	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
65.60	0.036	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
65.80	0.036	429.31	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
66.00	0.036	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
66.20	0.036	429.31	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
66.40	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
66.60	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
66.80	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
67.00	0.035	429.30	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
67.20	0.035	429.30	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
67.40	0.034	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
67.60	0.034	429.30	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
67.80	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
68.00	0.034	429.29	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
68.20	0.034	429.29	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.40	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.60	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
68.80	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
69.00	0.033	429.29	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
69.20	0.033	429.29	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.40	0.032	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.60	0.032	429.28	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
69.80	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
70.00	0.032	429.28	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
70.20	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.40	0.032	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.60	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
70.80	0.031	429.28	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
71.00	0.031	429.27	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
71.20	0.031	429.27	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.031
71.40	0.031	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
71.60	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
71.80	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
72.00	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
72.20	0.030	429.27	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
72.40	0.030	429.27	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.60	0.029	429.27	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
72.80	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
73.00	0.029	429.26	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
73.20	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.40	0.029	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.60	0.028	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
73.80	0.028	429.26	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
74.00	0.028	429.26	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
74.20	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.40	0.028	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.60	0.027	429.26	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
74.80	0.027	429.26	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
75.00	0.027	429.25	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
75.20	0.027	429.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
75.40	0.027	429.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
75.60	0.027	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
75.80	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.00	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.20	0.026	429.25	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.40	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
76.60	0.026	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
76.80	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
77.00	0.025	429.25	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
77.20	0.025	429.24	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
77.40	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
77.60	0.025	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
77.80	0.024	429.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.00	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.20	0.024	429.24	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.40	0.024	429.24	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
78.60	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
78.80	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
79.00	0.023	429.24	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
79.20	0.023	429.23	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
79.40	0.023	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
79.60	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
79.80	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
80.00	0.022	429.23	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
80.20	0.022	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
80.40	0.022	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
80.60	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
80.80	0.021	429.23	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
81.00	0.021	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
81.20	0.021	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
81.40	0.020	429.23	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
81.60	0.020	429.22	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
81.80	0.020	429.22	0.021	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
82.00	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
82.20	0.019	429.22	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
82.40	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
82.60	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019

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SSDEDB #9 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
82.80	0.018	429.22	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
83.00	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
83.20	0.017	429.21	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
83.40	0.016	429.21	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
83.60	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
83.80	0.016	429.21	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
84.00	0.015	429.21	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
84.20	0.015	429.20	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
84.40	0.014	429.20	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
84.60	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
84.80	0.014	429.20	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
85.00	0.013	429.20	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
85.20	0.013	429.20	0.014	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
85.40	0.012	429.20	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
85.60	0.012	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
85.80	0.012	429.19	0.013	0.013	-----	-----	-----	-----	-----	-----	-----	0.013

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 32

SSDEDB #10 Out

Hydrograph type	= Reservoir	Peak discharge	= 1.487 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.47 hrs
Time interval	= 2 min	Hyd. volume	= 33,279 cuft
Inflow hyd. No.	= 31 - SSDEDB #9 Out	Reservoir name	= SSDEDB #10
Max. Elevation	= 420.33 ft	Max. Storage	= 6,101 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.20	0.032	415.06	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
6.40	0.035	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
6.60	0.039	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
6.80	0.043	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
7.00	0.046	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
7.20	0.050	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
7.40	0.053	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
7.60	0.056	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
7.80	0.060	415.19	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
8.00	0.063	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
8.20	0.068	415.23	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
8.40	0.075	415.25	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
8.60	0.082	415.28	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
8.80	0.089	415.32	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
9.00	0.097	415.35	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
9.20	0.102	415.39	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
9.40	0.107	415.44	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
9.60	0.112	415.48	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
9.80	0.122	415.53	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
10.00	0.134	415.58	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.20	0.148	415.63	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
10.40	0.165	415.67	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
10.60	0.185	415.72	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
10.80	0.212	415.78	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
11.00	0.241	415.85	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
11.20	0.291	415.94	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
11.40	0.352	416.05	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
11.60	0.672	416.19	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
11.80	2.223	416.79	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
12.00	3.605	418.71	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
12.20	0.738	419.69	0.226	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
12.40	1.617	420.21	0.860	0.231	-----	-----	0.623	-----	-----	-----	-----	0.854
12.60	1.192	420.29	1.278	0.230	-----	-----	1.037	-----	-----	-----	-----	1.267
12.80	0.932	420.23	0.991	0.231	-----	-----	0.747	-----	-----	-----	-----	0.977
13.00	0.787	420.20	0.825	0.231	-----	-----	0.585	-----	-----	-----	-----	0.816
13.20	0.690	420.17	0.722	0.231	-----	-----	0.480	-----	-----	-----	-----	0.711
13.40	0.617	420.15	0.635	0.231	-----	-----	0.402	-----	-----	-----	-----	0.633
13.60	0.556	420.14	0.577	0.231	-----	-----	0.341	-----	-----	-----	-----	0.573
13.80	0.504	420.12	0.529	0.231	-----	-----	0.287	-----	-----	-----	-----	0.518
14.00	0.460	420.11	0.484	0.231	-----	-----	0.242	-----	-----	-----	-----	0.473
14.20	0.425	420.10	0.441	0.231	-----	-----	0.204	-----	-----	-----	-----	0.435
14.40	0.400	420.09	0.410	0.231	-----	-----	0.176	-----	-----	-----	-----	0.408
14.60	0.384	420.08	0.390	0.231	-----	-----	0.158	-----	-----	-----	-----	0.389
14.80	0.370	420.08	0.377	0.231	-----	-----	0.145	-----	-----	-----	-----	0.376
15.00	0.355	420.07	0.363	0.231	-----	-----	0.130	-----	-----	-----	-----	0.361
15.20	0.340	420.07	0.349	0.231	-----	-----	0.114	-----	-----	-----	-----	0.346
15.40	0.327	420.06	0.335	0.231	-----	-----	0.100	-----	-----	-----	-----	0.331
15.60	0.322	420.06	0.328	0.231	-----	-----	0.093	-----	-----	-----	-----	0.324

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.80	0.316	420.05	0.323	0.231	-----	-----	0.087	-----	-----	-----	-----	0.319
16.00	0.310	420.05	0.318	0.231	-----	-----	0.081	-----	-----	-----	-----	0.313
16.20	0.306	420.05	0.313	0.231	-----	-----	0.077	-----	-----	-----	-----	0.308
16.40	0.303	420.05	0.310	0.231	-----	-----	0.073	-----	-----	-----	-----	0.304
16.60	0.300	420.05	0.307	0.231	-----	-----	0.070	-----	-----	-----	-----	0.301
16.80	0.296	420.05	0.303	0.231	-----	-----	0.067	-----	-----	-----	-----	0.298
17.00	0.292	420.04	0.299	0.231	-----	-----	0.063	-----	-----	-----	-----	0.294
17.20	0.288	420.04	0.295	0.231	-----	-----	0.059	-----	-----	-----	-----	0.290
17.40	0.284	420.04	0.291	0.231	-----	-----	0.055	-----	-----	-----	-----	0.287
17.60	0.280	420.04	0.286	0.231	-----	-----	0.051	-----	-----	-----	-----	0.283
17.80	0.276	420.04	0.282	0.231	-----	-----	0.047	-----	-----	-----	-----	0.279
18.00	0.273	420.03	0.278	0.231	-----	-----	0.044	-----	-----	-----	-----	0.275
18.20	0.269	420.03	0.274	0.231	-----	-----	0.040	-----	-----	-----	-----	0.271
18.40	0.265	420.03	0.269	0.231	-----	-----	0.036	-----	-----	-----	-----	0.267
18.60	0.261	420.03	0.265	0.231	-----	-----	0.032	-----	-----	-----	-----	0.263
18.80	0.257	420.02	0.261	0.231	-----	-----	0.028	-----	-----	-----	-----	0.259
19.00	0.254	420.02	0.257	0.231	-----	-----	0.025	-----	-----	-----	-----	0.256
19.20	0.250	420.02	0.253	0.231	-----	-----	0.021	-----	-----	-----	-----	0.252
19.40	0.246	420.02	0.249	0.231	-----	-----	0.017	-----	-----	-----	-----	0.249
19.60	0.243	420.02	0.245	0.231	-----	-----	0.014	-----	-----	-----	-----	0.245
19.80	0.239	420.01	0.245	0.231	-----	-----	0.012	-----	-----	-----	-----	0.243
20.00	0.235	420.01	0.244	0.231	-----	-----	0.010	-----	-----	-----	-----	0.241
20.20	0.233	420.00	0.244	0.231	-----	-----	0.008	-----	-----	-----	-----	0.239
20.40	0.230	420.00	0.243	0.231	-----	-----	0.005	-----	-----	-----	-----	0.236
20.60	0.228	419.99	0.243	0.231	-----	-----	0.003	-----	-----	-----	-----	0.234
20.80	0.226	419.98	0.242	0.230	-----	-----	0.001	-----	-----	-----	-----	0.231
21.00	0.224	419.98	0.240	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
21.20	0.222	419.97	0.238	0.230	-----	-----	-----	-----	-----	-----	-----	0.230

Continues on next page...

SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.40	0.219	419.96	0.234	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
21.60	0.217	419.95	0.230	0.230	-----	-----	-----	-----	-----	-----	-----	0.230
21.80	0.215	419.94	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
22.00	0.213	419.92	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
22.20	0.211	419.91	0.229	0.229	-----	-----	-----	-----	-----	-----	-----	0.229
22.40	0.209	419.89	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
22.60	0.207	419.87	0.228	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
22.80	0.206	419.85	0.227	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
23.00	0.204	419.82	0.227	0.227	-----	-----	-----	-----	-----	-----	-----	0.227
23.20	0.202	419.80	0.227	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
23.40	0.200	419.78	0.226	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
23.60	0.198	419.75	0.226	0.225	-----	-----	-----	-----	-----	-----	-----	0.225
23.80	0.196	419.72	0.226	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
24.00	0.195	419.69	0.226	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
24.20	0.155	419.64	0.226	0.222	-----	-----	-----	-----	-----	-----	-----	0.222
24.40	0.153	419.57	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
24.60	0.150	419.50	0.226	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
24.80	0.148	419.44	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
25.00	0.146	419.37	0.222	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
25.20	0.143	419.30	0.214	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
25.40	0.141	419.24	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.60	0.138	419.18	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
25.80	0.136	419.12	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
26.00	0.134	419.06	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
26.20	0.131	418.99	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
26.40	0.129	418.94	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
26.60	0.127	418.89	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
26.80	0.125	418.83	0.207	0.201	-----	-----	-----	-----	-----	-----	-----	0.201

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.00	0.123	418.78	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
27.20	0.121	418.73	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
27.40	0.119	418.68	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
27.60	0.117	418.63	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
27.80	0.115	418.58	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
28.00	0.113	418.53	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
28.20	0.111	418.48	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
28.40	0.109	418.43	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
28.60	0.107	418.38	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
28.80	0.106	418.33	0.193	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
29.00	0.104	418.29	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
29.20	0.102	418.24	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
29.40	0.100	418.19	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
29.60	0.099	418.15	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
29.80	0.097	418.10	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
30.00	0.095	418.05	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
30.20	0.094	418.01	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
30.40	0.092	417.96	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
30.60	0.090	417.91	0.183	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
30.80	0.089	417.87	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
31.00	0.087	417.82	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
31.20	0.086	417.78	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
31.40	0.084	417.73	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
31.60	0.083	417.69	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
31.80	0.082	417.64	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
32.00	0.080	417.60	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
32.20	0.079	417.55	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
32.40	0.077	417.51	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.60	0.076	417.47	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
32.80	0.074	417.43	0.160	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
33.00	0.072	417.38	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
33.20	0.070	417.34	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
33.40	0.068	417.29	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
33.60	0.067	417.25	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
33.80	0.065	417.21	0.157	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
34.00	0.064	417.17	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
34.20	0.063	417.12	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
34.40	0.062	417.08	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
34.60	0.061	417.04	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
34.80	0.060	417.00	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
35.00	0.060	416.96	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
35.20	0.059	416.92	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
35.40	0.058	416.88	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
35.60	0.058	416.84	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
35.80	0.057	416.80	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
36.00	0.057	416.76	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
36.20	0.056	416.73	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
36.40	0.056	416.69	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
36.60	0.056	416.65	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
36.80	0.055	416.62	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
37.00	0.055	416.58	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
37.20	0.055	416.55	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
37.40	0.055	416.52	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
37.60	0.054	416.48	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
37.80	0.054	416.45	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
38.00	0.054	416.42	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.20	0.054	416.39	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
38.40	0.054	416.36	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
38.60	0.054	416.33	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
38.80	0.053	416.30	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
39.00	0.053	416.27	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
39.20	0.053	416.24	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
39.40	0.053	416.22	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
39.60	0.053	416.19	0.111	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
39.80	0.053	416.16	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
40.00	0.053	416.14	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
40.20	0.053	416.11	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
40.40	0.052	416.09	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
40.60	0.052	416.06	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
40.80	0.052	416.04	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
41.00	0.052	416.02	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
41.20	0.052	416.00	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
41.40	0.052	415.97	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
41.60	0.052	415.95	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
41.80	0.052	415.93	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
42.00	0.052	415.91	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
42.20	0.052	415.88	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
42.40	0.051	415.86	0.094	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
42.60	0.051	415.84	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
42.80	0.051	415.82	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
43.00	0.051	415.80	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
43.20	0.051	415.78	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
43.40	0.051	415.76	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
43.60	0.051	415.74	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
43.80	0.051	415.72	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
44.00	0.051	415.71	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
44.20	0.051	415.69	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
44.40	0.050	415.67	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
44.60	0.050	415.66	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
44.80	0.050	415.64	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
45.00	0.050	415.63	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
45.20	0.050	415.61	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
45.40	0.050	415.58	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
45.60	0.050	415.56	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
45.80	0.050	415.53	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
46.00	0.050	415.51	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
46.20	0.050	415.49	0.070	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
46.40	0.049	415.47	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
46.60	0.049	415.46	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
46.80	0.049	415.44	0.067	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
47.00	0.049	415.43	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
47.20	0.049	415.41	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
47.40	0.049	415.40	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
47.60	0.049	415.39	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
47.80	0.049	415.38	0.061	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
48.00	0.049	415.37	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
48.20	0.049	415.36	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
48.40	0.048	415.35	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
48.60	0.048	415.34	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
48.80	0.048	415.33	0.057	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
49.00	0.048	415.33	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
49.20	0.048	415.32	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.40	0.048	415.31	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
49.60	0.048	415.31	0.055	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
49.80	0.048	415.30	0.054	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
50.00	0.048	415.30	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
50.20	0.048	415.29	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
50.40	0.047	415.29	0.052	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
50.60	0.047	415.29	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
50.80	0.047	415.28	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
51.00	0.047	415.28	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.20	0.047	415.28	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.40	0.047	415.27	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
51.60	0.047	415.27	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
51.80	0.047	415.27	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.00	0.047	415.26	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.20	0.047	415.26	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
52.40	0.046	415.26	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
52.60	0.046	415.26	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
52.80	0.046	415.26	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.00	0.046	415.25	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.20	0.046	415.25	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
53.40	0.046	415.25	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
53.60	0.046	415.25	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
53.80	0.046	415.25	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.00	0.046	415.25	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.20	0.045	415.25	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.40	0.045	415.24	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.60	0.045	415.24	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
54.80	0.045	415.24	0.050	0.046	-----	-----	-----	-----	-----	-----	-----	0.046

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.00	0.045	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
55.20	0.045	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
55.40	0.045	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
55.60	0.045	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
55.80	0.045	415.24	0.049	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
56.00	0.044	415.23	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
56.20	0.044	415.23	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
56.40	0.044	415.23	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
56.60	0.044	415.23	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
56.80	0.044	415.23	0.048	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
57.00	0.044	415.23	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
57.20	0.044	415.23	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
57.40	0.044	415.23	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
57.60	0.043	415.22	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
57.80	0.043	415.22	0.047	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
58.00	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
58.20	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
58.40	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
58.60	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
58.80	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
59.00	0.043	415.22	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
59.20	0.042	415.21	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
59.40	0.042	415.21	0.045	0.044	-----	-----	-----	-----	-----	-----	-----	0.043
59.60	0.042	415.21	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
59.80	0.042	415.21	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
60.00	0.042	415.21	0.045	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
60.20	0.042	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
60.40	0.042	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
60.60	0.041	415.21	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
60.80	0.041	415.20	0.044	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
61.00	0.041	415.20	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
61.20	0.041	415.20	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
61.40	0.041	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
61.60	0.041	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
61.80	0.041	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
62.00	0.040	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
62.20	0.040	415.20	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
62.40	0.040	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
62.60	0.040	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
62.80	0.040	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
63.00	0.039	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
63.20	0.039	415.19	0.042	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
63.40	0.039	415.19	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
63.60	0.039	415.19	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
63.80	0.039	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
64.00	0.039	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
64.20	0.038	415.18	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
64.40	0.038	415.18	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
64.60	0.038	415.18	0.040	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
64.80	0.038	415.18	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
65.00	0.038	415.18	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
65.20	0.038	415.17	0.040	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
65.40	0.037	415.17	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
65.60	0.037	415.17	0.039	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
65.80	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
66.00	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
66.20	0.037	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
66.40	0.036	415.17	0.039	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
66.60	0.036	415.16	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
66.80	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
67.00	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
67.20	0.036	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
67.40	0.035	415.16	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
67.60	0.035	415.16	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
67.80	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
68.00	0.035	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
68.20	0.034	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
68.40	0.034	415.15	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
68.60	0.034	415.15	0.036	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
68.80	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
69.00	0.034	415.15	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
69.20	0.033	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
69.40	0.033	415.14	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
69.60	0.033	415.14	0.036	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
69.80	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
70.00	0.033	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
70.20	0.032	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
70.40	0.032	415.14	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
70.60	0.032	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
70.80	0.032	415.13	0.035	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
71.00	0.032	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
71.20	0.031	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
71.40	0.031	415.13	0.034	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
71.60	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
71.80	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
72.00	0.031	415.13	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
72.20	0.031	415.12	0.034	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
72.40	0.030	415.12	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
72.60	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
72.80	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
73.00	0.030	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
73.20	0.029	415.12	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
73.40	0.029	415.12	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
73.60	0.029	415.12	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
73.80	0.029	415.12	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
74.00	0.029	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
74.20	0.028	415.11	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
74.40	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
74.60	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
74.80	0.028	415.11	0.031	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
75.00	0.028	415.11	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
75.20	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
75.40	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
75.60	0.027	415.11	0.030	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
75.80	0.027	415.11	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
76.00	0.027	415.10	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
76.20	0.027	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.40	0.026	415.10	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.60	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
76.80	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
77.00	0.026	415.10	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
77.20	0.026	415.10	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
77.40	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
77.60	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
77.80	0.025	415.10	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
78.00	0.025	415.10	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
78.20	0.025	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.40	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.60	0.024	415.09	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
78.80	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
79.00	0.024	415.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
79.20	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
79.40	0.023	415.09	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
79.60	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
79.80	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
80.00	0.023	415.09	0.024	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
80.20	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
80.40	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
80.60	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
80.80	0.022	415.08	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
81.00	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
81.20	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
81.40	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
81.60	0.021	415.08	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
81.80	0.020	415.08	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
82.00	0.020	415.08	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
82.20	0.020	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
82.40	0.019	415.07	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
82.60	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
82.80	0.019	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020

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SSDEDB #10 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
83.00	0.018	415.07	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
83.20	0.018	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
83.40	0.017	415.07	0.019	0.019	-----	-----	-----	-----	-----	-----	-----	0.019
83.60	0.017	415.07	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
83.80	0.017	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
84.00	0.016	415.06	0.018	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
84.20	0.016	415.06	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
84.40	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
84.60	0.015	415.06	0.017	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
84.80	0.015	415.06	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
85.00	0.014	415.05	0.016	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
85.20	0.014	415.05	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
85.40	0.013	415.05	0.015	0.015	-----	-----	-----	-----	-----	-----	-----	0.015

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 37

SSDEDB #11 Out

Hydrograph type	= Reservoir	Peak discharge	= 2.141 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 10,965 cuft
Inflow hyd. No.	= 36 - SSDEDB #11 In	Reservoir name	= SSDEDB #11
Max. Elevation	= 421.58 ft	Max. Storage	= 5,625 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.80	0.088	416.85	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.00	0.098	416.89	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
10.20	0.111	416.94	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
10.40	0.126	416.99	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
10.60	0.143	417.06	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
10.80	0.168	417.13	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
11.00	0.194	417.20	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
11.20	0.238	417.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
11.40	0.302	417.42	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
11.60	0.507	417.59	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
11.80	1.948	418.17	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
12.00	4.355	420.30	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
12.20	0.687	421.36	0.960	0.058	-----	-----	0.901	-----	-----	-----	-----	0.959
12.40	0.481	421.27	0.518	0.058	-----	-----	0.460	-----	-----	-----	-----	0.518
12.60	0.330	421.23	0.373	0.058	-----	-----	0.306	-----	-----	-----	-----	0.364
12.80	0.278	421.21	0.297	0.058	-----	-----	0.231	-----	-----	-----	-----	0.289
13.00	0.240	421.19	0.258	0.058	-----	-----	0.194	-----	-----	-----	-----	0.252
13.20	0.211	421.18	0.223	0.058	-----	-----	0.161	-----	-----	-----	-----	0.219
13.40	0.191	421.18	0.200	0.058	-----	-----	0.140	-----	-----	-----	-----	0.198
13.60	0.172	421.17	0.178	0.058	-----	-----	0.120	-----	-----	-----	-----	0.178

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.80	0.156	421.16	0.162	0.058	-----	-----	0.104	-----	-----	-----	-----	0.162
14.00	0.142	421.16	0.148	0.058	-----	-----	0.090	-----	-----	-----	-----	0.148
14.20	0.132	421.15	0.136	0.058	-----	-----	0.078	-----	-----	-----	-----	0.136
14.40	0.127	421.15	0.130	0.058	-----	-----	0.071	-----	-----	-----	-----	0.129
14.60	0.122	421.14	0.125	0.058	-----	-----	0.066	-----	-----	-----	-----	0.124
14.80	0.117	421.14	0.120	0.058	-----	-----	0.061	-----	-----	-----	-----	0.119
15.00	0.112	421.14	0.115	0.058	-----	-----	0.056	-----	-----	-----	-----	0.114
15.20	0.107	421.14	0.110	0.058	-----	-----	0.051	-----	-----	-----	-----	0.109
15.40	0.102	421.14	0.105	0.058	-----	-----	0.046	-----	-----	-----	-----	0.104
15.60	0.097	421.13	0.100	0.058	-----	-----	0.041	-----	-----	-----	-----	0.099
15.80	0.092	421.13	0.096	0.058	-----	-----	0.037	-----	-----	-----	-----	0.095
16.00	0.087	421.13	0.092	0.058	-----	-----	0.032	-----	-----	-----	-----	0.090
16.20	0.083	421.12	0.088	0.058	-----	-----	0.028	-----	-----	-----	-----	0.086
16.40	0.081	421.12	0.085	0.058	-----	-----	0.025	-----	-----	-----	-----	0.083
16.60	0.079	421.12	0.083	0.058	-----	-----	0.023	-----	-----	-----	-----	0.081
16.80	0.078	421.12	0.081	0.058	-----	-----	0.021	-----	-----	-----	-----	0.079
17.00	0.076	421.12	0.080	0.058	-----	-----	0.019	-----	-----	-----	-----	0.077
17.20	0.074	421.11	0.078	0.058	-----	-----	0.017	-----	-----	-----	-----	0.075
17.40	0.072	421.11	0.076	0.058	-----	-----	0.016	-----	-----	-----	-----	0.074
17.60	0.070	421.11	0.075	0.058	-----	-----	0.014	-----	-----	-----	-----	0.072
17.80	0.069	421.11	0.073	0.058	-----	-----	0.012	-----	-----	-----	-----	0.070
18.00	0.067	421.11	0.071	0.058	-----	-----	0.010	-----	-----	-----	-----	0.068
18.20	0.065	421.11	0.070	0.058	-----	-----	0.008	-----	-----	-----	-----	0.066
18.40	0.063	421.10	0.068	0.058	-----	-----	0.006	-----	-----	-----	-----	0.065
18.60	0.061	421.10	0.066	0.058	-----	-----	0.005	-----	-----	-----	-----	0.063
18.80	0.059	421.10	0.065	0.058	-----	-----	0.003	-----	-----	-----	-----	0.061
19.00	0.058	421.10	0.063	0.058	-----	-----	0.001	-----	-----	-----	-----	0.059
19.20	0.056	421.10	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.40	0.054	421.10	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
19.60	0.052	421.09	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
19.80	0.050	421.08	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.00	0.049	421.07	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.20	0.047	421.06	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.40	0.047	421.05	0.060	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.60	0.047	421.04	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
20.80	0.046	421.03	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
21.00	0.046	421.01	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
21.20	0.046	421.00	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.40	0.045	420.99	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.60	0.045	420.97	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
21.80	0.045	420.96	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.00	0.044	420.95	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.20	0.044	420.93	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.40	0.043	420.92	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.60	0.043	420.90	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
22.80	0.043	420.89	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
23.00	0.042	420.87	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
23.20	0.042	420.86	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
23.40	0.042	420.84	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
23.60	0.041	420.82	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.80	0.041	420.81	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.00	0.041	420.79	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.20	0.002	420.75	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.40	0.000	420.69	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
24.60	0.000	420.63	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.80	0.000	420.57	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055

Continues on next page...

SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.00	0.000	420.51	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
25.20	0.000	420.46	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.40	0.000	420.40	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.60	0.000	420.35	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.80	0.000	420.31	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.00	0.000	420.26	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.20	0.000	420.21	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
26.40	0.000	420.16	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.60	0.000	420.11	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.80	0.000	420.07	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
27.00	0.000	420.04	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.20	0.000	420.00	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.40	0.000	419.96	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.60	0.000	419.92	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.80	0.000	419.89	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.00	0.000	419.85	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.20	0.000	419.81	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.40	0.000	419.78	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
28.60	0.000	419.74	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.80	0.000	419.71	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.00	0.000	419.68	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.20	0.000	419.65	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.40	0.000	419.61	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
29.60	0.000	419.58	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.80	0.000	419.55	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.00	0.000	419.52	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.20	0.000	419.49	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
30.40	0.000	419.46	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.60	0.000	419.43	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.80	0.000	419.40	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.00	0.000	419.37	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.20	0.000	419.34	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
31.40	0.000	419.31	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.60	0.000	419.28	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.80	0.000	419.25	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
32.00	0.000	419.23	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
32.20	0.000	419.20	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
32.40	0.000	419.17	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.60	0.000	419.14	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
32.80	0.000	419.11	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
33.00	0.000	419.09	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
33.20	0.000	419.06	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
33.40	0.000	419.04	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
33.60	0.000	419.01	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
33.80	0.000	418.98	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
34.00	0.000	418.96	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
34.20	0.000	418.93	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
34.40	0.000	418.91	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
34.60	0.000	418.88	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
34.80	0.000	418.86	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
35.00	0.000	418.83	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
35.20	0.000	418.81	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
35.40	0.000	418.78	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
35.60	0.000	418.76	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
35.80	0.000	418.74	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
36.00	0.000	418.71	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
36.20	0.000	418.69	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
36.40	0.000	418.67	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
36.60	0.000	418.64	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
36.80	0.000	418.62	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
37.00	0.000	418.60	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
37.20	0.000	418.58	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
37.40	0.000	418.55	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
37.60	0.000	418.53	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
37.80	0.000	418.51	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
38.00	0.000	418.49	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
38.20	0.000	418.46	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
38.40	0.000	418.44	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
38.60	0.000	418.42	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
38.80	0.000	418.40	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.00	0.000	418.38	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.20	0.000	418.36	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
39.40	0.000	418.34	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
39.60	0.000	418.32	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
39.80	0.000	418.29	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.00	0.000	418.27	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.20	0.000	418.25	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.40	0.000	418.23	0.038	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
40.60	0.000	418.21	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
40.80	0.000	418.19	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.00	0.000	418.17	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.20	0.000	418.15	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.40	0.000	418.13	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
41.60	0.000	418.11	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.80	0.000	418.09	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.00	0.000	418.07	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.20	0.000	418.06	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.40	0.000	418.04	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.60	0.000	418.02	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
42.80	0.000	418.00	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.00	0.000	417.98	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.20	0.000	417.96	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.40	0.000	417.94	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.60	0.000	417.93	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
43.80	0.000	417.91	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.00	0.000	417.89	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.20	0.000	417.87	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.40	0.000	417.85	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.60	0.000	417.84	0.037	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
44.80	0.000	417.82	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
45.00	0.000	417.80	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.20	0.000	417.78	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.40	0.000	417.77	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.60	0.000	417.75	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
45.80	0.000	417.73	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
46.00	0.000	417.71	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
46.20	0.000	417.70	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.40	0.000	417.68	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.60	0.000	417.66	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
46.80	0.000	417.65	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.00	0.000	417.63	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
47.20	0.000	417.62	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.40	0.000	417.60	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.60	0.000	417.58	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
47.80	0.000	417.57	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.00	0.000	417.55	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.20	0.000	417.54	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
48.40	0.000	417.52	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.60	0.000	417.50	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
48.80	0.000	417.49	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.00	0.000	417.47	0.033	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.20	0.000	417.46	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.40	0.000	417.44	0.030	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
49.60	0.000	417.43	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
49.80	0.000	417.41	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.00	0.000	417.40	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.20	0.000	417.38	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.40	0.000	417.37	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.60	0.000	417.35	0.029	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
50.80	0.000	417.34	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.00	0.000	417.32	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.20	0.000	417.31	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.40	0.000	417.30	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.60	0.000	417.28	0.029	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
51.80	0.000	417.27	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.00	0.000	417.25	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.20	0.000	417.24	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.40	0.000	417.23	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.60	0.000	417.21	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
52.80	0.000	417.20	0.029	0.027	-----	-----	-----	-----	-----	-----	-----	0.027

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SSDEDB #11 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.00	0.000	417.19	0.028	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.20	0.000	417.17	0.027	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.40	0.000	417.16	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.60	0.000	417.15	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
53.80	0.000	417.13	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
54.00	0.000	417.12	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
54.20	0.000	417.11	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.40	0.000	417.09	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.60	0.000	417.08	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
54.80	0.000	417.06	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
55.00	0.000	417.05	0.025	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
55.20	0.000	417.04	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.40	0.000	417.02	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.60	0.000	417.01	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
55.80	0.000	416.99	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
56.00	0.000	416.98	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
56.20	0.000	416.97	0.025	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.40	0.000	416.95	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.60	0.000	416.94	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
56.80	0.000	416.93	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
57.00	0.000	416.91	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
57.20	0.000	416.90	0.023	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
57.40	0.000	416.89	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.60	0.000	416.87	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
57.80	0.000	416.86	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
58.00	0.000	416.85	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
58.20	0.000	416.84	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 40

SSDEDB #12 Out

Hydrograph type	= Reservoir	Peak discharge	= 3.332 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 23,922 cuft
Inflow hyd. No.	= 39 - SSDEDB #11 Out - SSDEDB #12 In	Reservoir name	= SSDEDB #12
Max. Elevation	= 419.27 ft	Max. Storage	= 7,231 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.80	0.084	414.22	0.035	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
9.00	0.092	414.27	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
9.20	0.099	414.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
9.40	0.103	414.37	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
9.60	0.107	414.42	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
9.80	0.115	414.47	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
10.00	0.127	414.51	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
10.20	0.141	414.55	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
10.40	0.158	414.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
10.60	0.178	414.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
10.80	0.204	414.71	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
11.00	0.236	414.78	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
11.20	0.278	414.86	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
11.40	0.347	414.96	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
11.60	0.487	415.09	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
11.80	1.594	415.44	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
12.00	4.367	416.65	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
12.20	3.216	419.26 <<	3.340	0.126	-----	-----	3.207	-----	-----	-----	-----	3.332
<<												
12.40	1.175	418.97	1.347	0.127	-----	-----	1.204	-----	-----	-----	-----	1.331
12.60	0.831	418.89	0.919	0.127	-----	-----	0.780	-----	-----	-----	-----	0.908

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.80	0.646	418.84	0.683	0.128	-----	-----	0.555	-----	-----	-----	-----	0.682
13.00	0.560	418.82	0.584	0.128	-----	-----	0.456	-----	-----	-----	-----	0.584
13.20	0.488	418.80	0.507	0.128	-----	-----	0.380	-----	-----	-----	-----	0.507
13.40	0.439	418.78	0.454	0.128	-----	-----	0.326	-----	-----	-----	-----	0.454
13.60	0.395	418.77	0.409	0.128	-----	-----	0.281	-----	-----	-----	-----	0.409
13.80	0.359	418.76	0.372	0.128	-----	-----	0.243	-----	-----	-----	-----	0.371
14.00	0.327	418.75	0.342	0.128	-----	-----	0.211	-----	-----	-----	-----	0.339
14.20	0.300	418.74	0.313	0.128	-----	-----	0.181	-----	-----	-----	-----	0.309
14.40	0.286	418.73	0.296	0.128	-----	-----	0.163	-----	-----	-----	-----	0.291
14.60	0.274	418.73	0.285	0.128	-----	-----	0.151	-----	-----	-----	-----	0.279
14.80	0.263	418.73	0.275	0.128	-----	-----	0.140	-----	-----	-----	-----	0.268
15.00	0.252	418.72	0.264	0.128	-----	-----	0.129	-----	-----	-----	-----	0.257
15.20	0.241	418.72	0.254	0.128	-----	-----	0.118	-----	-----	-----	-----	0.246
15.40	0.230	418.71	0.243	0.128	-----	-----	0.107	-----	-----	-----	-----	0.235
15.60	0.219	418.71	0.233	0.128	-----	-----	0.096	-----	-----	-----	-----	0.224
15.80	0.209	418.70	0.223	0.128	-----	-----	0.085	-----	-----	-----	-----	0.213
16.00	0.198	418.70	0.213	0.128	-----	-----	0.075	-----	-----	-----	-----	0.203
16.20	0.188	418.70	0.204	0.128	-----	-----	0.066	-----	-----	-----	-----	0.194
16.40	0.183	418.69	0.196	0.128	-----	-----	0.058	-----	-----	-----	-----	0.186
16.60	0.178	418.69	0.190	0.128	-----	-----	0.053	-----	-----	-----	-----	0.181
16.80	0.174	418.69	0.186	0.128	-----	-----	0.049	-----	-----	-----	-----	0.177
17.00	0.170	418.68	0.181	0.128	-----	-----	0.045	-----	-----	-----	-----	0.173
17.20	0.166	418.68	0.177	0.128	-----	-----	0.041	-----	-----	-----	-----	0.169
17.40	0.162	418.68	0.173	0.128	-----	-----	0.037	-----	-----	-----	-----	0.165
17.60	0.158	418.68	0.168	0.128	-----	-----	0.033	-----	-----	-----	-----	0.161
17.80	0.154	418.67	0.164	0.128	-----	-----	0.029	-----	-----	-----	-----	0.157
18.00	0.150	418.67	0.160	0.128	-----	-----	0.025	-----	-----	-----	-----	0.153
18.20	0.146	418.67	0.155	0.128	-----	-----	0.021	-----	-----	-----	-----	0.149

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.40	0.142	418.67	0.151	0.128	-----	-----	0.017	-----	-----	-----	-----	0.145
18.60	0.138	418.67	0.147	0.128	-----	-----	0.013	-----	-----	-----	-----	0.141
18.80	0.134	418.66	0.145	0.128	-----	-----	0.012	-----	-----	-----	-----	0.140
19.00	0.130	418.66	0.142	0.128	-----	-----	0.009	-----	-----	-----	-----	0.137
19.20	0.127	418.65	0.138	0.128	-----	-----	0.007	-----	-----	-----	-----	0.135
19.40	0.125	418.64	0.134	0.128	-----	-----	0.004	-----	-----	-----	-----	0.132
19.60	0.122	418.64	0.130	0.128	-----	-----	0.002	-----	-----	-----	-----	0.129
19.80	0.120	418.63	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
20.00	0.118	418.62	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
20.20	0.116	418.61	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
20.40	0.115	418.60	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
20.60	0.115	418.59	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
20.80	0.114	418.58	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.00	0.114	418.57	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.20	0.113	418.56	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.40	0.113	418.55	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.60	0.112	418.54	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
21.80	0.112	418.52	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.00	0.111	418.51	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.20	0.111	418.50	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.40	0.110	418.49	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.60	0.110	418.47	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.80	0.109	418.46	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.00	0.108	418.44	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.20	0.108	418.43	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.40	0.107	418.42	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.60	0.107	418.40	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
23.80	0.106	418.39	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.00	0.106	418.37	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
24.20	0.076	418.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
24.40	0.056	418.30	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
24.60	0.055	418.24	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
24.80	0.055	418.18	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
25.00	0.055	418.13	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
25.20	0.054	418.08	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
25.40	0.054	418.03	0.126	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
25.60	0.054	417.99	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
25.80	0.053	417.94	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
26.00	0.053	417.90	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
26.20	0.053	417.85	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
26.40	0.052	417.80	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
26.60	0.052	417.77	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
26.80	0.052	417.73	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
27.00	0.051	417.70	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
27.20	0.051	417.66	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
27.40	0.051	417.62	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
27.60	0.051	417.59	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
27.80	0.050	417.55	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
28.00	0.050	417.52	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
28.20	0.050	417.48	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
28.40	0.050	417.45	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
28.60	0.049	417.42	0.117	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
28.80	0.049	417.39	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
29.00	0.049	417.36	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
29.20	0.049	417.33	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
29.40	0.049	417.30	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.60	0.048	417.27	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
29.80	0.048	417.24	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
30.00	0.048	417.21	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
30.20	0.048	417.18	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
30.40	0.047	417.15	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
30.60	0.047	417.12	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
30.80	0.047	417.09	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
31.00	0.047	417.06	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
31.20	0.047	417.03	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
31.40	0.046	417.01	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.60	0.046	416.98	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.80	0.046	416.95	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
32.00	0.046	416.93	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
32.20	0.046	416.90	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
32.40	0.045	416.87	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
32.60	0.045	416.85	0.103	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
32.80	0.045	416.82	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
33.00	0.045	416.79	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
33.20	0.044	416.77	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
33.40	0.044	416.74	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
33.60	0.044	416.72	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
33.80	0.044	416.70	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
34.00	0.044	416.67	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
34.20	0.043	416.65	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
34.40	0.043	416.62	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
34.60	0.043	416.60	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
34.80	0.043	416.57	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
35.00	0.043	416.55	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.20	0.042	416.53	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
35.40	0.042	416.50	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
35.60	0.042	416.48	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
35.80	0.042	416.46	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
36.00	0.042	416.43	0.099	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
36.20	0.042	416.41	0.099	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
36.40	0.041	416.39	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
36.60	0.041	416.37	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
36.80	0.041	416.34	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
37.00	0.041	416.32	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
37.20	0.041	416.30	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
37.40	0.040	416.28	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
37.60	0.040	416.26	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
37.80	0.040	416.24	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
38.00	0.040	416.21	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
38.20	0.040	416.19	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
38.40	0.039	416.17	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
38.60	0.039	416.15	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
38.80	0.039	416.13	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
39.00	0.039	416.11	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
39.20	0.039	416.09	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
39.40	0.038	416.07	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
39.60	0.038	416.05	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
39.80	0.038	416.03	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
40.00	0.038	416.01	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
40.20	0.038	415.99	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
40.40	0.038	415.97	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
40.60	0.037	415.95	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.80	0.037	415.93	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
41.00	0.037	415.91	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
41.20	0.037	415.89	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
41.40	0.037	415.87	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
41.60	0.036	415.85	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
41.80	0.036	415.83	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
42.00	0.036	415.81	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
42.20	0.036	415.80	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
42.40	0.036	415.78	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
42.60	0.036	415.76	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
42.80	0.035	415.74	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
43.00	0.035	415.72	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
43.20	0.035	415.71	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
43.40	0.035	415.69	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
43.60	0.035	415.67	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
43.80	0.034	415.65	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
44.00	0.034	415.63	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
44.20	0.034	415.62	0.080	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
44.40	0.034	415.60	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
44.60	0.034	415.58	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
44.80	0.034	415.56	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
45.00	0.033	415.55	0.076	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
45.20	0.033	415.53	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
45.40	0.033	415.51	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
45.60	0.033	415.50	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
45.80	0.033	415.48	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
46.00	0.033	415.46	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
46.20	0.032	415.45	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.40	0.032	415.43	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
46.60	0.032	415.41	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
46.80	0.032	415.40	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
47.00	0.032	415.38	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
47.20	0.031	415.37	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
47.40	0.031	415.35	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
47.60	0.031	415.33	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
47.80	0.031	415.32	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
48.00	0.031	415.30	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
48.20	0.031	415.29	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
48.40	0.030	415.27	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
48.60	0.030	415.26	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
48.80	0.030	415.24	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
49.00	0.030	415.23	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
49.20	0.030	415.21	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
49.40	0.030	415.20	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
49.60	0.029	415.18	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
49.80	0.029	415.17	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
50.00	0.029	415.15	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
50.20	0.029	415.14	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
50.40	0.029	415.12	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
50.60	0.029	415.11	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
50.80	0.028	415.09	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
51.00	0.028	415.08	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
51.20	0.028	415.07	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
51.40	0.028	415.05	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
51.60	0.028	415.04	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
51.80	0.027	415.02	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.00	0.027	415.01	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
52.20	0.027	415.00	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
52.40	0.027	414.98	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
52.60	0.027	414.97	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
52.80	0.027	414.96	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
53.00	0.026	414.94	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
53.20	0.026	414.93	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
53.40	0.026	414.92	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
53.60	0.026	414.90	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
53.80	0.026	414.89	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
54.00	0.026	414.88	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
54.20	0.025	414.86	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
54.40	0.025	414.85	0.060	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
54.60	0.025	414.84	0.058	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
54.80	0.025	414.83	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
55.00	0.025	414.81	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
55.20	0.024	414.80	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
55.40	0.024	414.79	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
55.60	0.024	414.77	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
55.80	0.024	414.76	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
56.00	0.024	414.75	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
56.20	0.023	414.73	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
56.40	0.023	414.72	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
56.60	0.023	414.70	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
56.80	0.023	414.69	0.055	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
57.00	0.023	414.68	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
57.20	0.023	414.67	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
57.40	0.022	414.65	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

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SSDEDB #12 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.60	0.022	414.64	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
57.80	0.022	414.63	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
58.00	0.022	414.61	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
58.20	0.022	414.60	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
58.40	0.021	414.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
58.60	0.021	414.58	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
58.80	0.021	414.56	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
59.00	0.021	414.55	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
59.20	0.021	414.54	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
59.40	0.020	414.53	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
59.60	0.020	414.51	0.048	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
59.80	0.020	414.50	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.00	0.019	414.49	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
60.20	0.019	414.48	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.40	0.018	414.47	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
60.60	0.018	414.44	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
60.80	0.018	414.42	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
61.00	0.017	414.40	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
61.20	0.017	414.38	0.043	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.40	0.017	414.36	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
61.60	0.016	414.34	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
61.80	0.016	414.32	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
62.00	0.016	414.30	0.041	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
62.20	0.015	414.28	0.039	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
62.40	0.015	414.26	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
62.60	0.014	414.24	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
62.80	0.014	414.23	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
63.00	0.014	414.21	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 43

SSDEDB #13 Out

Hydrograph type	= Reservoir	Peak discharge	= 5.894 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 40,055 cuft
Inflow hyd. No.	= 42 - SSDEDB #12 Out - SSDEDB #13 In	Reservoir name	= SSDEDB #13
Max. Elevation	= 417.27 ft	Max. Storage	= 7,219 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.80	0.112	412.23	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
9.00	0.123	412.28	0.065	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
9.20	0.133	412.33	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
9.40	0.140	412.39	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
9.60	0.145	412.45	0.079	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
9.80	0.157	412.49	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
10.00	0.172	412.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
10.20	0.189	412.57	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
10.40	0.212	412.62	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
10.60	0.237	412.68	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
10.80	0.270	412.76	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
11.00	0.310	412.84	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
11.20	0.364	412.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
11.40	0.451	413.05	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
11.60	0.624	413.21	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
11.80	2.002	413.63	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
12.00	5.489	415.19	0.195	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
12.20	6.166 <<	417.25 <<	5.894	0.206	-----	-----	5.688	-----	-----	-----	-----	5.894
<<												
12.40	2.158	416.83	2.455	0.217	-----	-----	2.231	-----	-----	-----	-----	2.447
12.60	1.496	416.70	1.608	0.218	-----	-----	1.388	-----	-----	-----	-----	1.606

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.80	1.131	416.63	1.213	0.218	-----	-----	0.973	-----	-----	-----	-----	1.191
13.00	0.973	416.59	1.010	0.218	-----	-----	0.789	-----	-----	-----	-----	1.007
13.20	0.845	416.56	0.887	0.218	-----	-----	0.656	-----	-----	-----	-----	0.875
13.40	0.757	416.54	0.783	0.219	-----	-----	0.560	-----	-----	-----	-----	0.779
13.60	0.682	416.52	0.706	0.219	-----	-----	0.484	-----	-----	-----	-----	0.703
13.80	0.619	416.51	0.644	0.219	-----	-----	0.417	-----	-----	-----	-----	0.636
14.00	0.564	416.49	0.590	0.219	-----	-----	0.363	-----	-----	-----	-----	0.581
14.20	0.516	416.48	0.535	0.219	-----	-----	0.311	-----	-----	-----	-----	0.530
14.40	0.488	416.47	0.497	0.219	-----	-----	0.277	-----	-----	-----	-----	0.496
14.60	0.469	416.46	0.477	0.219	-----	-----	0.257	-----	-----	-----	-----	0.476
14.80	0.450	416.46	0.460	0.219	-----	-----	0.238	-----	-----	-----	-----	0.457
15.00	0.431	416.45	0.444	0.219	-----	-----	0.220	-----	-----	-----	-----	0.439
15.20	0.413	416.45	0.427	0.219	-----	-----	0.201	-----	-----	-----	-----	0.420
15.40	0.394	416.44	0.411	0.219	-----	-----	0.182	-----	-----	-----	-----	0.401
15.60	0.375	416.43	0.394	0.219	-----	-----	0.163	-----	-----	-----	-----	0.382
15.80	0.357	416.43	0.375	0.219	-----	-----	0.146	-----	-----	-----	-----	0.365
16.00	0.338	416.42	0.355	0.219	-----	-----	0.128	-----	-----	-----	-----	0.347
16.20	0.323	416.41	0.336	0.219	-----	-----	0.111	-----	-----	-----	-----	0.330
16.40	0.312	416.41	0.321	0.219	-----	-----	0.098	-----	-----	-----	-----	0.317
16.60	0.304	416.41	0.310	0.219	-----	-----	0.089	-----	-----	-----	-----	0.308
16.80	0.297	416.40	0.301	0.219	-----	-----	0.081	-----	-----	-----	-----	0.300
17.00	0.290	416.40	0.294	0.219	-----	-----	0.074	-----	-----	-----	-----	0.293
17.20	0.283	416.40	0.288	0.219	-----	-----	0.068	-----	-----	-----	-----	0.288
17.40	0.277	416.39	0.283	0.219	-----	-----	0.062	-----	-----	-----	-----	0.281
17.60	0.270	416.39	0.277	0.219	-----	-----	0.055	-----	-----	-----	-----	0.274
17.80	0.263	416.39	0.271	0.219	-----	-----	0.048	-----	-----	-----	-----	0.268
18.00	0.256	416.38	0.266	0.219	-----	-----	0.042	-----	-----	-----	-----	0.261
18.20	0.249	416.38	0.260	0.219	-----	-----	0.035	-----	-----	-----	-----	0.254

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.40	0.243	416.37	0.254	0.219	-----	-----	0.028	-----	-----	-----	-----	0.247
18.60	0.237	416.37	0.249	0.219	-----	-----	0.021	-----	-----	-----	-----	0.241
18.80	0.232	416.37	0.244	0.219	-----	-----	0.016	-----	-----	-----	-----	0.235
19.00	0.227	416.36	0.241	0.219	-----	-----	0.013	-----	-----	-----	-----	0.232
19.20	0.221	416.36	0.239	0.219	-----	-----	0.011	-----	-----	-----	-----	0.230
19.40	0.216	416.35	0.235	0.219	-----	-----	0.008	-----	-----	-----	-----	0.226
19.60	0.211	416.34	0.231	0.219	-----	-----	0.004	-----	-----	-----	-----	0.222
19.80	0.206	416.33	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
20.00	0.203	416.32	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
20.20	0.201	416.31	0.226	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
20.40	0.200	416.29	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
20.60	0.199	416.28	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
20.80	0.198	416.26	0.226	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
21.00	0.198	416.25	0.226	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
21.20	0.197	416.23	0.226	0.216	-----	-----	-----	-----	-----	-----	-----	0.216
21.40	0.196	416.22	0.221	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
21.60	0.196	416.20	0.215	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
21.80	0.195	416.18	0.215	0.215	-----	-----	-----	-----	-----	-----	-----	0.215
22.00	0.194	416.17	0.214	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
22.20	0.193	416.15	0.214	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
22.40	0.193	416.13	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
22.60	0.192	416.12	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
22.80	0.191	416.10	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
23.00	0.191	416.09	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
23.20	0.190	416.07	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
23.40	0.189	416.06	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
23.60	0.188	416.04	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
23.80	0.187	416.02	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.00	0.187	416.01	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
24.20	0.149	415.98	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
24.40	0.123	415.93	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
24.60	0.122	415.87	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
24.80	0.121	415.81	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
25.00	0.121	415.76	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
25.20	0.120	415.71	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
25.40	0.119	415.66	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
25.60	0.119	415.62	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
25.80	0.118	415.57	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
26.00	0.117	415.53	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
26.20	0.117	415.48	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
26.40	0.116	415.44	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
26.60	0.115	415.40	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
26.80	0.115	415.36	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
27.00	0.114	415.32	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
27.20	0.114	415.28	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
27.40	0.113	415.24	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
27.60	0.113	415.20	0.198	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
27.80	0.112	415.16	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
28.00	0.112	415.13	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
28.20	0.111	415.09	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
28.40	0.111	415.06	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
28.60	0.110	415.02	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
28.80	0.110	414.99	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
29.00	0.109	414.95	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
29.20	0.109	414.92	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
29.40	0.108	414.88	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.60	0.108	414.85	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
29.80	0.107	414.82	0.184	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
30.00	0.107	414.79	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
30.20	0.106	414.75	0.181	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
30.40	0.106	414.72	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
30.60	0.105	414.69	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
30.80	0.105	414.66	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
31.00	0.104	414.63	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
31.20	0.104	414.60	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
31.40	0.103	414.57	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
31.60	0.103	414.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
31.80	0.102	414.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
32.00	0.102	414.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
32.20	0.102	414.46	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
32.40	0.101	414.43	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
32.60	0.101	414.40	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
32.80	0.100	414.37	0.164	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
33.00	0.100	414.35	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
33.20	0.099	414.32	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
33.40	0.099	414.29	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
33.60	0.099	414.27	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
33.80	0.098	414.24	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
34.00	0.098	414.22	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
34.20	0.097	414.19	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
34.40	0.097	414.16	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
34.60	0.096	414.14	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
34.80	0.096	414.12	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
35.00	0.095	414.09	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.20	0.095	414.07	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
35.40	0.095	414.04	0.153	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
35.60	0.094	414.02	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
35.80	0.094	414.00	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
36.00	0.093	413.97	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
36.20	0.093	413.95	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
36.40	0.093	413.93	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
36.60	0.092	413.90	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
36.80	0.092	413.88	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
37.00	0.091	413.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
37.20	0.091	413.84	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
37.40	0.091	413.81	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
37.60	0.090	413.79	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
37.80	0.090	413.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
38.00	0.089	413.75	0.144	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
38.20	0.089	413.73	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
38.40	0.088	413.71	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
38.60	0.088	413.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
38.80	0.088	413.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
39.00	0.087	413.65	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
39.20	0.087	413.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
39.40	0.086	413.61	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
39.60	0.086	413.59	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
39.80	0.086	413.57	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
40.00	0.085	413.55	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
40.20	0.085	413.53	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
40.40	0.084	413.51	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
40.60	0.084	413.49	0.135	0.130	-----	-----	-----	-----	-----	-----	-----	0.130

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
40.80	0.084	413.47	0.131	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
41.00	0.083	413.46	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
41.20	0.083	413.44	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
41.40	0.082	413.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
41.60	0.082	413.40	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
41.80	0.082	413.38	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
42.00	0.081	413.37	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
42.20	0.081	413.35	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
42.40	0.080	413.33	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
42.60	0.080	413.31	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
42.80	0.080	413.30	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
43.00	0.079	413.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
43.20	0.079	413.26	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
43.40	0.078	413.25	0.122	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
43.60	0.078	413.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
43.80	0.078	413.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
44.00	0.077	413.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
44.20	0.077	413.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
44.40	0.076	413.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
44.60	0.076	413.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
44.80	0.076	413.14	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
45.00	0.075	413.12	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
45.20	0.075	413.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
45.40	0.075	413.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
45.60	0.074	413.08	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
45.80	0.074	413.06	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
46.00	0.073	413.05	0.112	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
46.20	0.073	413.03	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
46.40	0.073	413.02	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
46.60	0.072	413.00	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
46.80	0.072	412.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
47.00	0.071	412.98	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
47.20	0.071	412.96	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
47.40	0.071	412.95	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
47.60	0.070	412.93	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
47.80	0.070	412.92	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
48.00	0.070	412.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
48.20	0.069	412.89	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
48.40	0.069	412.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
48.60	0.068	412.87	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
48.80	0.068	412.86	0.105	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
49.00	0.068	412.84	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
49.20	0.067	412.83	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
49.40	0.067	412.82	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
49.60	0.067	412.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
49.80	0.066	412.79	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
50.00	0.066	412.78	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
50.20	0.065	412.76	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
50.40	0.065	412.75	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
50.60	0.065	412.74	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
50.80	0.064	412.72	0.097	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
51.00	0.064	412.71	0.094	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
51.20	0.063	412.70	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
51.40	0.063	412.69	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
51.60	0.063	412.67	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
51.80	0.062	412.66	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.00	0.062	412.65	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
52.20	0.062	412.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
52.40	0.061	412.62	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
52.60	0.061	412.61	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
52.80	0.060	412.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
53.00	0.060	412.59	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
53.20	0.060	412.58	0.086	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
53.40	0.059	412.57	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
53.60	0.059	412.56	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
53.80	0.059	412.55	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
54.00	0.058	412.53	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
54.20	0.058	412.52	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
54.40	0.057	412.51	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
54.60	0.057	412.50	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
54.80	0.057	412.49	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
55.00	0.056	412.48	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
55.20	0.056	412.47	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
55.40	0.056	412.46	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
55.60	0.055	412.44	0.077	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
55.80	0.055	412.43	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
56.00	0.054	412.41	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
56.20	0.054	412.39	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
56.40	0.053	412.38	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
56.60	0.053	412.36	0.074	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
56.80	0.052	412.35	0.071	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
57.00	0.052	412.33	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
57.20	0.052	412.32	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
57.40	0.051	412.31	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066

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SSDEDB #13 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
57.60	0.051	412.30	0.068	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
57.80	0.050	412.28	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
58.00	0.050	412.27	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
58.20	0.050	412.26	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
58.40	0.049	412.25	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
58.60	0.049	412.24	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
58.80	0.048	412.23	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 46

SSDEDB #14 Out

Hydrograph type	= Reservoir	Peak discharge	= 5.016 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.27 hrs
Time interval	= 2 min	Hyd. volume	= 48,549 cuft
Inflow hyd. No.	= 45 - SSDEDB #13 Out - SSDEDB #14 In	Reservoir name	= SSDEDB #14
Max. Elevation	= 404.30 ft	Max. Storage	= 6,704 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
6.80	0.065	398.98	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
7.00	0.071	398.99	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
7.20	0.075	399.00	0.064	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
7.40	0.080	399.01	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
7.60	0.084	399.03	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
7.80	0.088	399.04	0.077	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
8.00	0.092	399.05	0.082	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
8.20	0.099	399.06	0.087	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
8.40	0.107	399.07	0.092	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
8.60	0.115	399.09	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
8.80	0.124	399.11	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
9.00	0.133	399.14	0.109	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
9.20	0.139	399.16	0.116	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
9.40	0.144	399.19	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
9.60	0.150	399.22	0.122	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
9.80	0.161	399.25	0.130	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
10.00	0.171	399.28	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
10.20	0.185	399.32	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
10.40	0.200	399.36	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
10.60	0.217	399.41	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.80	0.242	399.47	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
11.00	0.266	399.51	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
11.20	0.311	399.57	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
11.40	0.365	399.64	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
11.60	0.653	399.76	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
11.80	1.949	400.20	0.258	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
12.00	2.937	401.47	0.369	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
12.20	6.330 <<	403.28	0.483	0.482	-----	-----	-----	-----	-----	-----	-----	0.482
12.40	2.767	404.04	3.140	0.492	-----	-----	2.644	-----	-----	-----	-----	3.136
12.60	1.827	403.86	1.946	0.495	-----	-----	1.451	-----	-----	-----	-----	1.945
12.80	1.384	403.77	1.460	0.496	-----	-----	0.959	-----	-----	-----	-----	1.454
13.00	1.173	403.73	1.215	0.496	-----	-----	0.717	-----	-----	-----	-----	1.213
13.20	1.022	403.69	1.063	0.496	-----	-----	0.560	-----	-----	-----	-----	1.057
13.40	0.912	403.66	0.964	0.496	-----	-----	0.443	-----	-----	-----	-----	0.939
13.60	0.823	403.64	0.864	0.496	-----	-----	0.351	-----	-----	-----	-----	0.847
13.80	0.745	403.62	0.776	0.496	-----	-----	0.272	-----	-----	-----	-----	0.769
14.00	0.680	403.60	0.702	0.496	-----	-----	0.205	-----	-----	-----	-----	0.701
14.20	0.624	403.58	0.647	0.496	-----	-----	0.148	-----	-----	-----	-----	0.644
14.40	0.586	403.56	0.606	0.496	-----	-----	0.105	-----	-----	-----	-----	0.601
14.60	0.562	403.55	0.576	0.496	-----	-----	0.077	-----	-----	-----	-----	0.573
14.80	0.540	403.54	0.552	0.496	-----	-----	0.055	-----	-----	-----	-----	0.551
15.00	0.517	403.53	0.532	0.495	-----	-----	0.035	-----	-----	-----	-----	0.531
15.20	0.495	403.51	0.520	0.495	-----	-----	0.018	-----	-----	-----	-----	0.513
15.40	0.472	403.50	0.507	0.494	-----	-----	-----	-----	-----	-----	-----	0.494
15.60	0.450	403.47	0.507	0.493	-----	-----	-----	-----	-----	-----	-----	0.493
15.80	0.429	403.42	0.501	0.490	-----	-----	-----	-----	-----	-----	-----	0.490
16.00	0.408	403.36	0.486	0.486	-----	-----	-----	-----	-----	-----	-----	0.486
16.20	0.389	403.28	0.483	0.482	-----	-----	-----	-----	-----	-----	-----	0.482

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.40	0.374	403.19	0.482	0.477	-----	-----	-----	-----	-----	-----	-----	0.477
16.60	0.364	403.10	0.482	0.472	-----	-----	-----	-----	-----	-----	-----	0.472
16.80	0.355	403.02	0.482	0.467	-----	-----	-----	-----	-----	-----	-----	0.467
17.00	0.347	402.93	0.462	0.462	-----	-----	-----	-----	-----	-----	-----	0.462
17.20	0.340	402.84	0.458	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
17.40	0.332	402.76	0.458	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
17.60	0.324	402.68	0.458	0.447	-----	-----	-----	-----	-----	-----	-----	0.447
17.80	0.316	402.61	0.458	0.442	-----	-----	-----	-----	-----	-----	-----	0.442
18.00	0.308	402.53	0.438	0.438	-----	-----	-----	-----	-----	-----	-----	0.438
18.20	0.300	402.45	0.435	0.433	-----	-----	-----	-----	-----	-----	-----	0.433
18.40	0.292	402.38	0.435	0.428	-----	-----	-----	-----	-----	-----	-----	0.428
18.60	0.284	402.30	0.435	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
18.80	0.277	402.22	0.429	0.418	-----	-----	-----	-----	-----	-----	-----	0.418
19.00	0.273	402.15	0.413	0.413	-----	-----	-----	-----	-----	-----	-----	0.413
19.20	0.269	402.07	0.412	0.408	-----	-----	-----	-----	-----	-----	-----	0.408
19.40	0.264	402.00	0.412	0.403	-----	-----	-----	-----	-----	-----	-----	0.403
19.60	0.259	401.93	0.412	0.398	-----	-----	-----	-----	-----	-----	-----	0.398
19.80	0.254	401.86	0.393	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
20.00	0.252	401.79	0.390	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
20.20	0.251	401.72	0.390	0.384	-----	-----	-----	-----	-----	-----	-----	0.384
20.40	0.251	401.66	0.390	0.379	-----	-----	-----	-----	-----	-----	-----	0.379
20.60	0.250	401.60	0.388	0.375	-----	-----	-----	-----	-----	-----	-----	0.375
20.80	0.249	401.54	0.371	0.371	-----	-----	-----	-----	-----	-----	-----	0.371
21.00	0.249	401.48	0.369	0.366	-----	-----	-----	-----	-----	-----	-----	0.366
21.20	0.248	401.42	0.369	0.362	-----	-----	-----	-----	-----	-----	-----	0.362
21.40	0.247	401.37	0.369	0.358	-----	-----	-----	-----	-----	-----	-----	0.358
21.60	0.247	401.32	0.362	0.354	-----	-----	-----	-----	-----	-----	-----	0.354
21.80	0.246	401.27	0.351	0.351	-----	-----	-----	-----	-----	-----	-----	0.351

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
22.00	0.245	401.22	0.349	0.347	-----	-----	-----	-----	-----	-----	-----	0.347
22.20	0.245	401.17	0.349	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
22.40	0.244	401.13	0.349	0.339	-----	-----	-----	-----	-----	-----	-----	0.339
22.60	0.243	401.09	0.349	0.336	-----	-----	-----	-----	-----	-----	-----	0.336
22.80	0.243	401.04	0.338	0.333	-----	-----	-----	-----	-----	-----	-----	0.333
23.00	0.242	401.00	0.330	0.330	-----	-----	-----	-----	-----	-----	-----	0.330
23.20	0.242	400.97	0.329	0.326	-----	-----	-----	-----	-----	-----	-----	0.326
23.40	0.241	400.93	0.329	0.323	-----	-----	-----	-----	-----	-----	-----	0.323
23.60	0.240	400.89	0.329	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
23.80	0.239	400.86	0.324	0.317	-----	-----	-----	-----	-----	-----	-----	0.317
24.00	0.239	400.82	0.314	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
24.20	0.209	400.78	0.311	0.311	-----	-----	-----	-----	-----	-----	-----	0.311
24.40	0.208	400.73	0.310	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
24.60	0.206	400.69	0.310	0.303	-----	-----	-----	-----	-----	-----	-----	0.303
24.80	0.205	400.65	0.310	0.299	-----	-----	-----	-----	-----	-----	-----	0.299
25.00	0.204	400.61	0.299	0.295	-----	-----	-----	-----	-----	-----	-----	0.295
25.20	0.202	400.57	0.292	0.292	-----	-----	-----	-----	-----	-----	-----	0.292
25.40	0.201	400.53	0.292	0.288	-----	-----	-----	-----	-----	-----	-----	0.288
25.60	0.200	400.49	0.292	0.284	-----	-----	-----	-----	-----	-----	-----	0.284
25.80	0.199	400.45	0.287	0.281	-----	-----	-----	-----	-----	-----	-----	0.281
26.00	0.197	400.42	0.278	0.278	-----	-----	-----	-----	-----	-----	-----	0.278
26.20	0.196	400.38	0.275	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
26.40	0.195	400.35	0.275	0.271	-----	-----	-----	-----	-----	-----	-----	0.271
26.60	0.194	400.32	0.275	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
26.80	0.193	400.29	0.275	0.264	-----	-----	-----	-----	-----	-----	-----	0.264
27.00	0.191	400.26	0.270	0.261	-----	-----	-----	-----	-----	-----	-----	0.261
27.20	0.190	400.23	0.259	0.259	-----	-----	-----	-----	-----	-----	-----	0.259
27.40	0.189	400.20	0.258	0.256	-----	-----	-----	-----	-----	-----	-----	0.256

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.60	0.188	400.17	0.258	0.253	-----	-----	-----	-----	-----	-----	-----	0.253
27.80	0.187	400.14	0.258	0.249	-----	-----	-----	-----	-----	-----	-----	0.249
28.00	0.186	400.11	0.251	0.247	-----	-----	-----	-----	-----	-----	-----	0.247
28.20	0.185	400.09	0.244	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
28.40	0.184	400.06	0.242	0.242	-----	-----	-----	-----	-----	-----	-----	0.242
28.60	0.183	400.04	0.242	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
28.80	0.182	400.02	0.242	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
29.00	0.181	399.99	0.240	0.233	-----	-----	-----	-----	-----	-----	-----	0.233
29.20	0.180	399.97	0.232	0.231	-----	-----	-----	-----	-----	-----	-----	0.231
29.40	0.179	399.95	0.229	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
29.60	0.178	399.93	0.227	0.226	-----	-----	-----	-----	-----	-----	-----	0.226
29.80	0.177	399.91	0.227	0.224	-----	-----	-----	-----	-----	-----	-----	0.224
30.00	0.176	399.89	0.226	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
30.20	0.175	399.87	0.226	0.219	-----	-----	-----	-----	-----	-----	-----	0.219
30.40	0.174	399.85	0.221	0.217	-----	-----	-----	-----	-----	-----	-----	0.217
30.60	0.173	399.83	0.215	0.214	-----	-----	-----	-----	-----	-----	-----	0.214
30.80	0.172	399.82	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
31.00	0.171	399.80	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
31.20	0.170	399.78	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
31.40	0.169	399.76	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
31.60	0.168	399.74	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
31.80	0.167	399.73	0.209	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
32.00	0.166	399.71	0.203	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
32.20	0.165	399.69	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
32.40	0.164	399.68	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
32.60	0.163	399.66	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
32.80	0.162	399.65	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
33.00	0.162	399.64	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
33.20	0.161	399.62	0.194	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
33.40	0.160	399.61	0.189	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
33.60	0.159	399.60	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
33.80	0.158	399.59	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
34.00	0.157	399.57	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
34.20	0.156	399.56	0.183	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
34.40	0.155	399.55	0.180	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
34.60	0.154	399.54	0.177	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
34.80	0.154	399.53	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
35.00	0.153	399.52	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
35.20	0.152	399.51	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
35.40	0.151	399.50	0.172	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
35.60	0.150	399.49	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
35.80	0.149	399.48	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
36.00	0.149	399.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
36.20	0.148	399.47	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
36.40	0.147	399.45	0.167	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
36.60	0.146	399.44	0.162	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
36.80	0.145	399.43	0.160	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
37.00	0.144	399.42	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
37.20	0.144	399.40	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
37.40	0.143	399.39	0.158	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
37.60	0.142	399.39	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
37.80	0.141	399.38	0.152	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
38.00	0.140	399.37	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
38.20	0.139	399.36	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
38.40	0.139	399.35	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
38.60	0.138	399.35	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.80	0.137	399.34	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
39.00	0.136	399.33	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
39.20	0.136	399.33	0.146	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
39.40	0.135	399.32	0.144	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
39.60	0.134	399.32	0.143	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
39.80	0.133	399.31	0.141	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
40.00	0.132	399.31	0.139	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
40.20	0.132	399.30	0.138	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
40.40	0.131	399.30	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
40.60	0.130	399.29	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
40.80	0.129	399.29	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
41.00	0.128	399.28	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
41.20	0.128	399.28	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
41.40	0.127	399.27	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
41.60	0.126	399.27	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
41.80	0.126	399.26	0.136	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
42.00	0.125	399.26	0.135	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
42.20	0.124	399.26	0.134	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
42.40	0.123	399.25	0.132	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
42.60	0.122	399.25	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
42.80	0.122	399.24	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
43.00	0.121	399.24	0.128	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
43.20	0.120	399.24	0.127	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
43.40	0.119	399.23	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
43.60	0.119	399.23	0.125	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
43.80	0.118	399.22	0.124	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
44.00	0.117	399.22	0.123	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
44.20	0.117	399.22	0.122	0.121	-----	-----	-----	-----	-----	-----	-----	0.121

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.40	0.116	399.21	0.121	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
44.60	0.115	399.21	0.120	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
44.80	0.114	399.20	0.119	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
45.00	0.114	399.20	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
45.20	0.113	399.20	0.118	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
45.40	0.112	399.19	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
45.60	0.111	399.19	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
45.80	0.111	399.19	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
46.00	0.110	399.18	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
46.20	0.109	399.18	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
46.40	0.109	399.18	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
46.60	0.108	399.17	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
46.80	0.107	399.17	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
47.00	0.107	399.17	0.117	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
47.20	0.106	399.16	0.116	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
47.40	0.105	399.16	0.115	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
47.60	0.105	399.16	0.114	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
47.80	0.104	399.15	0.113	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
48.00	0.103	399.15	0.112	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
48.20	0.102	399.15	0.111	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
48.40	0.102	399.14	0.110	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
48.60	0.101	399.14	0.109	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
48.80	0.100	399.14	0.109	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
49.00	0.100	399.13	0.108	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
49.20	0.099	399.13	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
49.40	0.099	399.13	0.106	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
49.60	0.098	399.13	0.105	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
49.80	0.097	399.12	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
50.00	0.096	399.12	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
50.20	0.096	399.12	0.103	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
50.40	0.095	399.11	0.102	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
50.60	0.094	399.11	0.101	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
50.80	0.093	399.11	0.100	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
51.00	0.092	399.10	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
51.20	0.092	399.10	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
51.40	0.091	399.10	0.098	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
51.60	0.090	399.09	0.097	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
51.80	0.090	399.09	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
52.00	0.089	399.09	0.095	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
52.20	0.088	399.08	0.095	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
52.40	0.087	399.08	0.094	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
52.60	0.087	399.08	0.093	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
52.80	0.086	399.08	0.093	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
53.00	0.085	399.07	0.092	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
53.20	0.085	399.07	0.091	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
53.40	0.084	399.07	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
53.60	0.083	399.06	0.089	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
53.80	0.083	399.06	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
54.00	0.082	399.06	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
54.20	0.081	399.06	0.086	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
54.40	0.081	399.05	0.085	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
54.60	0.080	399.05	0.084	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
54.80	0.079	399.05	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
55.00	0.078	399.05	0.082	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
55.20	0.078	399.05	0.081	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
55.40	0.077	399.04	0.080	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.60	0.076	399.04	0.079	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
55.80	0.075	399.04	0.078	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
56.00	0.073	399.03	0.077	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
56.20	0.072	399.03	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
56.40	0.071	399.03	0.074	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
56.60	0.070	399.03	0.073	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
56.80	0.069	399.02	0.072	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
57.00	0.068	399.02	0.071	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
57.20	0.067	399.02	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
57.40	0.066	399.02	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
57.60	0.065	399.01	0.068	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
57.80	0.064	399.01	0.067	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
58.00	0.063	399.01	0.066	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
58.20	0.062	399.01	0.065	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
58.40	0.061	399.00	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
58.60	0.060	399.00	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
58.80	0.060	399.00	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
59.00	0.059	399.00	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
59.20	0.058	399.00	0.061	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
59.40	0.057	399.00	0.060	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
59.60	0.056	398.99	0.059	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
59.80	0.056	398.99	0.058	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
60.00	0.055	398.99	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
60.20	0.054	398.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
60.40	0.054	398.99	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
60.60	0.053	398.99	0.055	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
60.80	0.052	398.98	0.054	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
61.00	0.051	398.98	0.053	0.053	-----	-----	-----	-----	-----	-----	-----	0.053

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SSDEDB #14 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
61.20	0.051	398.98	0.053	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
61.40	0.050	398.98	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
61.60	0.049	398.98	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 48

SSDEDB #15 Out

Hydrograph type	= Reservoir	Peak discharge	= 4.012 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 11,626 cuft
Inflow hyd. No.	= 47 - SSDEDB #15 In	Reservoir name	= SSDEDB #15
Max. Elevation	= 403.42 ft	Max. Storage	= 5,088 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	4.579	403.20	2.405	0.052	-----	-----	2.352	-----	-----	-----	-----	2.404
12.20	0.721	402.97	0.979	0.055	-----	-----	0.918	-----	-----	-----	-----	0.973
12.40	0.504	402.87	0.552	0.056	-----	-----	0.483	-----	-----	-----	-----	0.539
12.60	0.346	402.83	0.383	0.056	-----	-----	0.321	-----	-----	-----	-----	0.377
12.80	0.291	402.81	0.302	0.056	-----	-----	0.245	-----	-----	-----	-----	0.302
13.00	0.252	402.80	0.264	0.056	-----	-----	0.206	-----	-----	-----	-----	0.262
13.20	0.221	402.79	0.232	0.056	-----	-----	0.172	-----	-----	-----	-----	0.228
13.40	0.200	402.78	0.211	0.056	-----	-----	0.150	-----	-----	-----	-----	0.206
13.60	0.179	402.77	0.191	0.056	-----	-----	0.129	-----	-----	-----	-----	0.186
13.80	0.164	402.76	0.174	0.056	-----	-----	0.112	-----	-----	-----	-----	0.169
14.00	0.149	402.76	0.160	0.057	-----	-----	0.097	-----	-----	-----	-----	0.153
14.20	0.138	402.75	0.147	0.057	-----	-----	0.084	-----	-----	-----	-----	0.141
14.40	0.133	402.75	0.141	0.057	-----	-----	0.078	-----	-----	-----	-----	0.135
14.60	0.128	402.75	0.136	0.057	-----	-----	0.073	-----	-----	-----	-----	0.129
14.80	0.122	402.75	0.131	0.057	-----	-----	0.068	-----	-----	-----	-----	0.125
15.00	0.117	402.74	0.126	0.057	-----	-----	0.063	-----	-----	-----	-----	0.119
15.20	0.112	402.74	0.121	0.057	-----	-----	0.058	-----	-----	-----	-----	0.114
15.40	0.106	402.74	0.115	0.057	-----	-----	0.052	-----	-----	-----	-----	0.109
15.60	0.101	402.73	0.110	0.057	-----	-----	0.047	-----	-----	-----	-----	0.104
15.80	0.096	402.73	0.104	0.057	-----	-----	0.042	-----	-----	-----	-----	0.098

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.090	402.73	0.099	0.057	-----	-----	0.036	-----	-----	-----	-----	0.093
16.20	0.087	402.73	0.094	0.057	-----	-----	0.032	-----	-----	-----	-----	0.088
16.40	0.085	402.72	0.091	0.057	-----	-----	0.029	-----	-----	-----	-----	0.086
16.60	0.083	402.72	0.089	0.057	-----	-----	0.027	-----	-----	-----	-----	0.084
16.80	0.081	402.72	0.087	0.057	-----	-----	0.025	-----	-----	-----	-----	0.082
17.00	0.079	402.72	0.085	0.057	-----	-----	0.024	-----	-----	-----	-----	0.080
17.20	0.077	402.72	0.083	0.057	-----	-----	0.022	-----	-----	-----	-----	0.078
17.40	0.075	402.72	0.082	0.057	-----	-----	0.020	-----	-----	-----	-----	0.076
17.60	0.074	402.72	0.080	0.057	-----	-----	0.018	-----	-----	-----	-----	0.074
17.80	0.072	402.72	0.078	0.057	-----	-----	0.016	-----	-----	-----	-----	0.073
18.00	0.070	402.72	0.076	0.057	-----	-----	0.014	-----	-----	-----	-----	0.071
18.20	0.068	402.71	0.075	0.057	-----	-----	0.013	-----	-----	-----	-----	0.070
18.40	0.066	402.71	0.073	0.057	-----	-----	0.012	-----	-----	-----	-----	0.069
18.60	0.064	402.71	0.071	0.057	-----	-----	0.011	-----	-----	-----	-----	0.067
18.80	0.062	402.70	0.069	0.057	-----	-----	0.009	-----	-----	-----	-----	0.066
19.00	0.060	402.70	0.066	0.057	-----	-----	0.007	-----	-----	-----	-----	0.064
19.20	0.058	402.70	0.064	0.057	-----	-----	0.005	-----	-----	-----	-----	0.062
19.40	0.056	402.69	0.062	0.057	-----	-----	0.004	-----	-----	-----	-----	0.060
19.60	0.055	402.69	0.059	0.057	-----	-----	0.002	-----	-----	-----	-----	0.058
19.80	0.053	402.68	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.00	0.051	402.68	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.20	0.050	402.67	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.40	0.049	402.66	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.60	0.049	402.65	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
20.80	0.048	402.64	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
21.00	0.048	402.63	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
21.20	0.048	402.62	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
21.40	0.047	402.61	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.047	402.60	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
21.80	0.047	402.59	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.00	0.046	402.58	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.20	0.046	402.57	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.40	0.045	402.56	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.60	0.045	402.54	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
22.80	0.045	402.53	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
23.00	0.044	402.52	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.20	0.044	402.50	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.40	0.044	402.49	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.60	0.043	402.48	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
23.80	0.043	402.46	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.00	0.042	402.45	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.20	0.002	402.41	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
24.40	0.000	402.34	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
24.60	0.000	402.28	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
24.80	0.000	402.23	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
25.00	0.000	402.17	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
25.20	0.000	402.12	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
25.40	0.000	402.06	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
25.60	0.000	402.01	0.056	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
25.80	0.000	401.96	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.00	0.000	401.92	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
26.20	0.000	401.87	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
26.40	0.000	401.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
26.60	0.000	401.79	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
26.80	0.000	401.75	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
27.00	0.000	401.71	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.20	0.000	401.67	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.40	0.000	401.63	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
27.60	0.000	401.59	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
27.80	0.000	401.56	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.00	0.000	401.52	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.20	0.000	401.48	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
28.40	0.000	401.45	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
28.60	0.000	401.41	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
28.80	0.000	401.38	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.00	0.000	401.34	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
29.20	0.000	401.31	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
29.40	0.000	401.28	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
29.60	0.000	401.24	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
29.80	0.000	401.21	0.047	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
30.00	0.000	401.18	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.20	0.000	401.15	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.40	0.000	401.12	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.60	0.000	401.09	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
30.80	0.000	401.06	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
31.00	0.000	401.02	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.20	0.000	400.99	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.40	0.000	400.96	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.60	0.000	400.93	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
31.80	0.000	400.91	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.00	0.000	400.88	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.20	0.000	400.85	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.40	0.000	400.82	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
32.60	0.000	400.79	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044

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SSDEDB #15 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.80	0.000	400.76	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.00	0.000	400.74	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.20	0.000	400.71	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.40	0.000	400.68	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
33.60	0.000	400.65	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
33.80	0.000	400.63	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.00	0.000	400.60	0.044	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.20	0.000	400.57	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.40	0.000	400.55	0.042	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
34.60	0.000	400.52	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
34.80	0.000	400.50	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.00	0.000	400.47	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.20	0.000	400.45	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.40	0.000	400.42	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041
35.60	0.000	400.40	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
35.80	0.000	400.37	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 51

SSDEDB #16 Out

Hydrograph type	= Reservoir	Peak discharge	= 0.954 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.33 hrs
Time interval	= 2 min	Hyd. volume	= 20,262 cuft
Inflow hyd. No.	= 50 - SSDEDB #15 Out - SSDEDB #16 In	Reservoir name	= SSDEDB #16
Max. Elevation	= 398.50 ft	Max. Storage	= 7,259 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
5.00	0.024	393.09	0.011	0.010	-----	-----	-----	-----	-----	-----	-----	0.010
5.20	0.027	393.11	0.012	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
5.40	0.029	393.12	0.015	0.014	-----	-----	-----	-----	-----	-----	-----	0.014
5.60	0.031	393.13	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
5.80	0.034	393.15	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
6.00	0.036	393.16	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
6.20	0.038	393.18	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
6.40	0.041	393.19	0.022	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
6.60	0.043	393.21	0.023	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
6.80	0.045	393.23	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
7.00	0.047	393.25	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
7.20	0.050	393.27	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
7.40	0.052	393.29	0.028	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
7.60	0.054	393.31	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
7.80	0.056	393.33	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
8.00	0.059	393.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
8.20	0.063	393.38	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
8.40	0.069	393.41	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
8.60	0.075	393.44	0.037	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
8.80	0.081	393.47	0.038	0.037	-----	-----	-----	-----	-----	-----	-----	0.037

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.00	0.087	393.51	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
9.20	0.090	393.55	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
9.40	0.091	393.60	0.045	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
9.60	0.094	393.64	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
9.80	0.103	393.68	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
10.00	0.112	393.70	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
10.20	0.124	393.74	0.051	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
10.40	0.137	393.77	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
10.60	0.152	393.82	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
10.80	0.173	393.87	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
11.00	0.195	393.93	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
11.20	0.237	394.00	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
11.40	0.289	394.08	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
11.60	0.577	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
11.80	1.904	394.64	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
12.00	5.267	396.03	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
12.20	1.429	398.22	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
12.40	0.872	398.49	0.936	0.133	-----	-----	0.790	-----	-----	-----	-----	0.922
12.60	0.608	398.44	0.684	0.133	-----	-----	0.534	-----	-----	-----	-----	0.667
12.80	0.503	398.40	0.540	0.133	-----	-----	0.395	-----	-----	-----	-----	0.528
13.00	0.435	398.38	0.459	0.133	-----	-----	0.323	-----	-----	-----	-----	0.456
13.20	0.382	398.37	0.413	0.133	-----	-----	0.265	-----	-----	-----	-----	0.398
13.40	0.346	398.35	0.368	0.133	-----	-----	0.225	-----	-----	-----	-----	0.359
13.60	0.311	398.34	0.328	0.133	-----	-----	0.191	-----	-----	-----	-----	0.324
13.80	0.283	398.33	0.294	0.133	-----	-----	0.160	-----	-----	-----	-----	0.294
14.00	0.257	398.32	0.270	0.133	-----	-----	0.135	-----	-----	-----	-----	0.269
14.20	0.238	398.31	0.249	0.133	-----	-----	0.113	-----	-----	-----	-----	0.246
14.40	0.228	398.31	0.237	0.133	-----	-----	0.100	-----	-----	-----	-----	0.233

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.60	0.219	398.31	0.228	0.133	-----	-----	0.090	-----	-----	-----	-----	0.224
14.80	0.211	398.30	0.220	0.133	-----	-----	0.082	-----	-----	-----	-----	0.215
15.00	0.202	398.30	0.211	0.133	-----	-----	0.073	-----	-----	-----	-----	0.206
15.20	0.193	398.29	0.203	0.133	-----	-----	0.065	-----	-----	-----	-----	0.198
15.40	0.184	398.29	0.194	0.133	-----	-----	0.056	-----	-----	-----	-----	0.190
15.60	0.175	398.28	0.184	0.133	-----	-----	0.047	-----	-----	-----	-----	0.181
15.80	0.166	398.28	0.174	0.133	-----	-----	0.038	-----	-----	-----	-----	0.172
16.00	0.157	398.27	0.164	0.133	-----	-----	0.029	-----	-----	-----	-----	0.162
16.20	0.150	398.27	0.156	0.133	-----	-----	0.021	-----	-----	-----	-----	0.154
16.40	0.146	398.27	0.150	0.133	-----	-----	0.015	-----	-----	-----	-----	0.149
16.60	0.143	398.26	0.147	0.133	-----	-----	0.013	-----	-----	-----	-----	0.146
16.80	0.139	398.26	0.146	0.133	-----	-----	0.011	-----	-----	-----	-----	0.145
17.00	0.136	398.26	0.144	0.133	-----	-----	0.009	-----	-----	-----	-----	0.143
17.20	0.133	398.25	0.142	0.133	-----	-----	0.007	-----	-----	-----	-----	0.140
17.40	0.130	398.24	0.140	0.133	-----	-----	0.004	-----	-----	-----	-----	0.137
17.60	0.126	398.24	0.138	0.133	-----	-----	0.002	-----	-----	-----	-----	0.135
17.80	0.123	398.23	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
18.00	0.120	398.22	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
18.20	0.118	398.21	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
18.40	0.115	398.19	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
18.60	0.112	398.18	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
18.80	0.109	398.16	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
19.00	0.106	398.14	0.137	0.132	-----	-----	-----	-----	-----	-----	-----	0.132
19.20	0.103	398.12	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
19.40	0.100	398.09	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
19.60	0.097	398.06	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
19.80	0.094	398.03	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
20.00	0.092	398.00	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.20	0.092	397.97	0.137	0.130	-----	-----	-----	-----	-----	-----	-----	0.130
20.40	0.091	397.94	0.137	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
20.60	0.091	397.90	0.130	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
20.80	0.091	397.87	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
21.00	0.090	397.84	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
21.20	0.090	397.81	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.40	0.090	397.78	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.60	0.089	397.74	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
21.80	0.089	397.71	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.00	0.089	397.68	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
22.20	0.088	397.65	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
22.40	0.088	397.62	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
22.60	0.088	397.59	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
22.80	0.087	397.56	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
23.00	0.087	397.53	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
23.20	0.087	397.50	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
23.40	0.086	397.46	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
23.60	0.086	397.43	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
23.80	0.085	397.40	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
24.00	0.085	397.37	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
24.20	0.055	397.33	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
24.40	0.054	397.28	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
24.60	0.054	397.23	0.126	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
24.80	0.054	397.19	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
25.00	0.053	397.14	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
25.20	0.053	397.10	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
25.40	0.053	397.05	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
25.60	0.052	397.00	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.80	0.052	396.97	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
26.00	0.052	396.93	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
26.20	0.051	396.89	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
26.40	0.051	396.86	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
26.60	0.051	396.82	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
26.80	0.051	396.79	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
27.00	0.050	396.75	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
27.20	0.050	396.72	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
27.40	0.050	396.68	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
27.60	0.049	396.65	0.117	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
27.80	0.049	396.62	0.117	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
28.00	0.049	396.59	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
28.20	0.049	396.56	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
28.40	0.048	396.53	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
28.60	0.048	396.49	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
28.80	0.048	396.46	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
29.00	0.048	396.43	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
29.20	0.047	396.40	0.107	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
29.40	0.047	396.37	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
29.60	0.047	396.34	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
29.80	0.047	396.31	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
30.00	0.046	396.29	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
30.20	0.046	396.26	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
30.40	0.046	396.23	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
30.60	0.046	396.20	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
30.80	0.046	396.18	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
31.00	0.045	396.15	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
31.20	0.045	396.12	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.40	0.045	396.10	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
31.60	0.045	396.07	0.107	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
31.80	0.044	396.04	0.102	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
32.00	0.044	396.01	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
32.20	0.044	395.99	0.100	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
32.40	0.044	395.96	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
32.60	0.044	395.94	0.099	0.099	-----	-----	-----	-----	-----	-----	-----	0.099
32.80	0.043	395.91	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
33.00	0.043	395.89	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
33.20	0.043	395.86	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
33.40	0.043	395.84	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
33.60	0.042	395.81	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
33.80	0.042	395.79	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
34.00	0.042	395.77	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
34.20	0.042	395.74	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
34.40	0.042	395.72	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
34.60	0.041	395.69	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
34.80	0.041	395.67	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
35.00	0.041	395.65	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
35.20	0.041	395.62	0.099	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
35.40	0.041	395.60	0.099	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
35.60	0.040	395.58	0.094	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
35.80	0.040	395.56	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
36.00	0.040	395.53	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
36.20	0.040	395.51	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
36.40	0.039	395.49	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
36.60	0.039	395.47	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
36.80	0.039	395.44	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.00	0.039	395.42	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
37.20	0.039	395.40	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
37.40	0.038	395.38	0.090	0.089	-----	-----	-----	-----	-----	-----	-----	0.089
37.60	0.038	395.36	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
37.80	0.038	395.34	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
38.00	0.038	395.31	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
38.20	0.038	395.29	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
38.40	0.037	395.27	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
38.60	0.037	395.25	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
38.80	0.037	395.23	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
39.00	0.037	395.21	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
39.20	0.037	395.19	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
39.40	0.036	395.17	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
39.60	0.036	395.15	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
39.80	0.036	395.13	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
40.00	0.036	395.11	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
40.20	0.036	395.09	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
40.40	0.035	395.07	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
40.60	0.035	395.05	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
40.80	0.035	395.03	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
41.00	0.035	395.01	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
41.20	0.035	394.99	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
41.40	0.034	394.97	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
41.60	0.034	394.96	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
41.80	0.034	394.94	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
42.00	0.034	394.92	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
42.20	0.034	394.90	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
42.40	0.033	394.88	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.60	0.033	394.86	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
42.80	0.033	394.85	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
43.00	0.033	394.83	0.081	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
43.20	0.033	394.81	0.078	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
43.40	0.032	394.79	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
43.60	0.032	394.77	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
43.80	0.032	394.76	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
44.00	0.032	394.74	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
44.20	0.032	394.72	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
44.40	0.032	394.70	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
44.60	0.031	394.68	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
44.80	0.031	394.67	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
45.00	0.031	394.65	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
45.20	0.031	394.63	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
45.40	0.031	394.62	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
45.60	0.030	394.60	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
45.80	0.030	394.58	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
46.00	0.030	394.57	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
46.20	0.030	394.55	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
46.40	0.030	394.53	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
46.60	0.029	394.52	0.073	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
46.80	0.029	394.50	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
47.00	0.029	394.49	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
47.20	0.029	394.47	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
47.40	0.029	394.45	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
47.60	0.028	394.44	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
47.80	0.028	394.42	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
48.00	0.028	394.41	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.20	0.028	394.39	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
48.40	0.028	394.37	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
48.60	0.027	394.36	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
48.80	0.027	394.34	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
49.00	0.027	394.33	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
49.20	0.027	394.31	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
49.40	0.027	394.30	0.068	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
49.60	0.026	394.28	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
49.80	0.026	394.27	0.064	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
50.00	0.026	394.25	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
50.20	0.026	394.24	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
50.40	0.026	394.23	0.063	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
50.60	0.026	394.21	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
50.80	0.025	394.20	0.062	0.062	-----	-----	-----	-----	-----	-----	-----	0.062
51.00	0.025	394.18	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
51.20	0.025	394.17	0.062	0.061	-----	-----	-----	-----	-----	-----	-----	0.061
51.40	0.025	394.15	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
51.60	0.025	394.14	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
51.80	0.024	394.13	0.062	0.060	-----	-----	-----	-----	-----	-----	-----	0.060
52.00	0.024	394.11	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
52.20	0.024	394.10	0.062	0.059	-----	-----	-----	-----	-----	-----	-----	0.059
52.40	0.024	394.08	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
52.60	0.023	394.07	0.062	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
52.80	0.023	394.06	0.061	0.058	-----	-----	-----	-----	-----	-----	-----	0.058
53.00	0.023	394.04	0.059	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
53.20	0.023	394.03	0.057	0.057	-----	-----	-----	-----	-----	-----	-----	0.057
53.40	0.023	394.02	0.057	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
53.60	0.022	394.00	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
53.80	0.022	393.99	0.056	0.056	-----	-----	-----	-----	-----	-----	-----	0.056
54.00	0.022	393.97	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
54.20	0.022	393.96	0.056	0.055	-----	-----	-----	-----	-----	-----	-----	0.055
54.40	0.021	393.94	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
54.60	0.021	393.93	0.056	0.054	-----	-----	-----	-----	-----	-----	-----	0.054
54.80	0.021	393.91	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
55.00	0.021	393.90	0.056	0.053	-----	-----	-----	-----	-----	-----	-----	0.053
55.20	0.021	393.89	0.054	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
55.40	0.020	393.87	0.052	0.052	-----	-----	-----	-----	-----	-----	-----	0.052
55.60	0.020	393.86	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
55.80	0.020	393.84	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
56.00	0.019	393.83	0.051	0.051	-----	-----	-----	-----	-----	-----	-----	0.051
56.20	0.019	393.82	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
56.40	0.018	393.80	0.051	0.050	-----	-----	-----	-----	-----	-----	-----	0.050
56.60	0.018	393.79	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
56.80	0.018	393.77	0.051	0.049	-----	-----	-----	-----	-----	-----	-----	0.049
57.00	0.017	393.76	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
57.20	0.017	393.75	0.051	0.048	-----	-----	-----	-----	-----	-----	-----	0.048
57.40	0.016	393.73	0.050	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.60	0.016	393.72	0.049	0.047	-----	-----	-----	-----	-----	-----	-----	0.047
57.80	0.016	393.70	0.047	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.00	0.015	393.69	0.046	0.046	-----	-----	-----	-----	-----	-----	-----	0.046
58.20	0.015	393.68	0.046	0.045	-----	-----	-----	-----	-----	-----	-----	0.045
58.40	0.014	393.66	0.046	0.044	-----	-----	-----	-----	-----	-----	-----	0.044
58.60	0.014	393.63	0.046	0.043	-----	-----	-----	-----	-----	-----	-----	0.043
58.80	0.014	393.61	0.046	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.00	0.013	393.58	0.043	0.042	-----	-----	-----	-----	-----	-----	-----	0.042
59.20	0.013	393.56	0.041	0.041	-----	-----	-----	-----	-----	-----	-----	0.041

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
59.40	0.012	393.54	0.041	0.040	-----	-----	-----	-----	-----	-----	-----	0.040
59.60	0.012	393.51	0.041	0.039	-----	-----	-----	-----	-----	-----	-----	0.039
59.80	0.012	393.49	0.040	0.038	-----	-----	-----	-----	-----	-----	-----	0.038
60.00	0.011	393.47	0.037	0.037	-----	-----	-----	-----	-----	-----	-----	0.037
60.20	0.011	393.45	0.037	0.036	-----	-----	-----	-----	-----	-----	-----	0.036
60.40	0.010	393.43	0.036	0.035	-----	-----	-----	-----	-----	-----	-----	0.035
60.60	0.010	393.41	0.034	0.034	-----	-----	-----	-----	-----	-----	-----	0.034
60.80	0.010	393.39	0.033	0.033	-----	-----	-----	-----	-----	-----	-----	0.033
61.00	0.009	393.37	0.033	0.032	-----	-----	-----	-----	-----	-----	-----	0.032
61.20	0.009	393.35	0.033	0.031	-----	-----	-----	-----	-----	-----	-----	0.031
61.40	0.008	393.33	0.032	0.030	-----	-----	-----	-----	-----	-----	-----	0.030
61.60	0.008	393.31	0.030	0.029	-----	-----	-----	-----	-----	-----	-----	0.029
61.80	0.008	393.29	0.028	0.028	-----	-----	-----	-----	-----	-----	-----	0.028
62.00	0.007	393.28	0.027	0.027	-----	-----	-----	-----	-----	-----	-----	0.027
62.20	0.007	393.26	0.026	0.026	-----	-----	-----	-----	-----	-----	-----	0.026
62.40	0.006	393.24	0.026	0.025	-----	-----	-----	-----	-----	-----	-----	0.025
62.60	0.006	393.23	0.025	0.024	-----	-----	-----	-----	-----	-----	-----	0.024
62.80	0.005	393.21	0.024	0.023	-----	-----	-----	-----	-----	-----	-----	0.023
63.00	0.005	393.20	0.022	0.022	-----	-----	-----	-----	-----	-----	-----	0.022
63.20	0.005	393.19	0.021	0.021	-----	-----	-----	-----	-----	-----	-----	0.021
63.40	0.004	393.17	0.020	0.020	-----	-----	-----	-----	-----	-----	-----	0.020
63.60	0.004	393.16	0.019	0.018	-----	-----	-----	-----	-----	-----	-----	0.018
63.80	0.004	393.15	0.018	0.017	-----	-----	-----	-----	-----	-----	-----	0.017
64.00	0.003	393.14	0.017	0.016	-----	-----	-----	-----	-----	-----	-----	0.016
64.20	0.003	393.13	0.016	0.015	-----	-----	-----	-----	-----	-----	-----	0.015
64.40	0.003	393.12	0.014	0.013	-----	-----	-----	-----	-----	-----	-----	0.013
64.60	0.002	393.11	0.013	0.012	-----	-----	-----	-----	-----	-----	-----	0.012
64.80	0.002	393.10	0.011	0.011	-----	-----	-----	-----	-----	-----	-----	0.011

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SSDEDB #16 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
65.00	0.002	393.09	0.010	0.010	-----	-----	-----	-----	-----	-----	-----	0.010

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 54

SSDEDB #17 Out

Hydrograph type	= Reservoir	Peak discharge	= 10.98 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 49,750 cuft
Inflow hyd. No.	= 53 - SSDEDB #16 Out - SSDEDB #17 In	Reservoir name	= SSDEDB #17
Max. Elevation	= 397.61 ft	Max. Storage	= 7,219 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
8.80	0.166	392.54	0.119	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
9.00	0.184	392.59	0.130	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
9.20	0.199	392.64	0.139	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
9.40	0.208	392.69	0.147	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
9.60	0.217	392.74	0.156	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
9.80	0.237	392.80	0.169	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
10.00	0.264	392.85	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
10.20	0.295	392.89	0.184	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
10.40	0.334	392.95	0.187	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
10.60	0.378	393.03	0.199	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
10.80	0.439	393.12	0.216	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
11.00	0.511	393.23	0.224	0.221	-----	-----	-----	-----	-----	-----	-----	0.221
11.20	0.613	393.36	0.238	0.236	-----	-----	-----	-----	-----	-----	-----	0.236
11.40	0.776	393.53	0.262	0.255	-----	-----	-----	-----	-----	-----	-----	0.255
11.60	1.152	393.78	0.291	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
11.80	4.208	394.66	0.357	0.355	-----	-----	-----	-----	-----	-----	-----	0.355
12.00	11.17 <<	397.56	0.550	0.533	-----	-----	10.03	-----	-----	-----	-----	10.56
12.20	3.863	397.00	0.519	0.504	-----	-----	4.349	-----	-----	-----	-----	4.852
12.40	2.391	396.70	0.490	0.487	-----	-----	2.011	-----	-----	-----	-----	2.498
12.60	1.695	396.59	0.490	0.481	-----	-----	1.343	-----	-----	-----	-----	1.824

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.80	1.343	396.52	0.490	0.477	-----	-----	0.922	-----	-----	-----	-----	1.399
13.00	1.166	396.48	0.490	0.474	-----	-----	0.735	-----	-----	-----	-----	1.210
13.20	1.017	396.45	0.490	0.473	-----	-----	0.585	-----	-----	-----	-----	1.058
13.40	0.918	396.42	0.490	0.471	-----	-----	0.478	-----	-----	-----	-----	0.949
13.60	0.827	396.40	0.490	0.470	-----	-----	0.389	-----	-----	-----	-----	0.859
13.80	0.751	396.38	0.487	0.468	-----	-----	0.310	-----	-----	-----	-----	0.778
14.00	0.685	396.36	0.474	0.467	-----	-----	0.244	-----	-----	-----	-----	0.712
14.20	0.630	396.34	0.466	0.466	-----	-----	0.186	-----	-----	-----	-----	0.653
14.40	0.600	396.33	0.466	0.466	-----	-----	0.149	-----	-----	-----	-----	0.615
14.60	0.577	396.32	0.465	0.465	-----	-----	0.123	-----	-----	-----	-----	0.588
14.80	0.554	396.31	0.465	0.465	-----	-----	0.102	-----	-----	-----	-----	0.567
15.00	0.531	396.30	0.464	0.464	-----	-----	0.081	-----	-----	-----	-----	0.545
15.20	0.508	396.29	0.464	0.464	-----	-----	0.059	-----	-----	-----	-----	0.522
15.40	0.485	396.28	0.463	0.463	-----	-----	0.038	-----	-----	-----	-----	0.501
15.60	0.462	396.27	0.462	0.462	-----	-----	0.022	-----	-----	-----	-----	0.484
15.80	0.438	396.25	0.461	0.461	-----	-----	0.002	-----	-----	-----	-----	0.463
16.00	0.415	396.23	0.461	0.460	-----	-----	-----	-----	-----	-----	-----	0.460
16.20	0.395	396.19	0.461	0.457	-----	-----	-----	-----	-----	-----	-----	0.457
16.40	0.384	396.14	0.461	0.455	-----	-----	-----	-----	-----	-----	-----	0.455
16.60	0.376	396.10	0.461	0.452	-----	-----	-----	-----	-----	-----	-----	0.452
16.80	0.369	396.06	0.461	0.449	-----	-----	-----	-----	-----	-----	-----	0.449
17.00	0.362	396.01	0.461	0.446	-----	-----	-----	-----	-----	-----	-----	0.446
17.20	0.354	395.96	0.461	0.443	-----	-----	-----	-----	-----	-----	-----	0.443
17.40	0.347	395.91	0.455	0.440	-----	-----	-----	-----	-----	-----	-----	0.440
17.60	0.339	395.85	0.437	0.437	-----	-----	-----	-----	-----	-----	-----	0.437
17.80	0.332	395.80	0.434	0.434	-----	-----	-----	-----	-----	-----	-----	0.434
18.00	0.326	395.75	0.433	0.430	-----	-----	-----	-----	-----	-----	-----	0.430
18.20	0.321	395.69	0.433	0.427	-----	-----	-----	-----	-----	-----	-----	0.427

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
18.40	0.316	395.64	0.433	0.423	-----	-----	-----	-----	-----	-----	-----	0.423
18.60	0.310	395.58	0.433	0.419	-----	-----	-----	-----	-----	-----	-----	0.419
18.80	0.305	395.53	0.433	0.416	-----	-----	-----	-----	-----	-----	-----	0.416
19.00	0.299	395.47	0.412	0.412	-----	-----	-----	-----	-----	-----	-----	0.412
19.20	0.294	395.42	0.409	0.409	-----	-----	-----	-----	-----	-----	-----	0.409
19.40	0.288	395.36	0.407	0.405	-----	-----	-----	-----	-----	-----	-----	0.405
19.60	0.283	395.30	0.407	0.401	-----	-----	-----	-----	-----	-----	-----	0.401
19.80	0.277	395.25	0.407	0.397	-----	-----	-----	-----	-----	-----	-----	0.397
20.00	0.271	395.19	0.407	0.393	-----	-----	-----	-----	-----	-----	-----	0.393
20.20	0.267	395.13	0.397	0.389	-----	-----	-----	-----	-----	-----	-----	0.389
20.40	0.265	395.08	0.385	0.385	-----	-----	-----	-----	-----	-----	-----	0.385
20.60	0.264	395.02	0.382	0.382	-----	-----	-----	-----	-----	-----	-----	0.382
20.80	0.262	394.97	0.382	0.378	-----	-----	-----	-----	-----	-----	-----	0.378
21.00	0.261	394.92	0.382	0.374	-----	-----	-----	-----	-----	-----	-----	0.374
21.20	0.259	394.87	0.382	0.370	-----	-----	-----	-----	-----	-----	-----	0.370
21.40	0.258	394.82	0.382	0.367	-----	-----	-----	-----	-----	-----	-----	0.367
21.60	0.257	394.77	0.375	0.363	-----	-----	-----	-----	-----	-----	-----	0.363
21.80	0.255	394.73	0.360	0.360	-----	-----	-----	-----	-----	-----	-----	0.360
22.00	0.254	394.68	0.357	0.357	-----	-----	-----	-----	-----	-----	-----	0.357
22.20	0.252	394.64	0.357	0.353	-----	-----	-----	-----	-----	-----	-----	0.353
22.40	0.251	394.59	0.357	0.350	-----	-----	-----	-----	-----	-----	-----	0.350
22.60	0.249	394.55	0.357	0.346	-----	-----	-----	-----	-----	-----	-----	0.346
22.80	0.248	394.51	0.357	0.343	-----	-----	-----	-----	-----	-----	-----	0.343
23.00	0.246	394.47	0.349	0.340	-----	-----	-----	-----	-----	-----	-----	0.340
23.20	0.245	394.43	0.337	0.337	-----	-----	-----	-----	-----	-----	-----	0.337
23.40	0.243	394.39	0.334	0.334	-----	-----	-----	-----	-----	-----	-----	0.334
23.60	0.242	394.35	0.334	0.331	-----	-----	-----	-----	-----	-----	-----	0.331
23.80	0.240	394.32	0.334	0.328	-----	-----	-----	-----	-----	-----	-----	0.328

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.00	0.239	394.28	0.334	0.324	-----	-----	-----	-----	-----	-----	-----	0.324
24.20	0.151	394.23	0.334	0.320	-----	-----	-----	-----	-----	-----	-----	0.320
24.40	0.120	394.15	0.314	0.314	-----	-----	-----	-----	-----	-----	-----	0.314
24.60	0.119	394.07	0.312	0.307	-----	-----	-----	-----	-----	-----	-----	0.307
24.80	0.119	394.00	0.312	0.300	-----	-----	-----	-----	-----	-----	-----	0.300
25.00	0.118	393.92	0.293	0.293	-----	-----	-----	-----	-----	-----	-----	0.293
25.20	0.117	393.85	0.291	0.287	-----	-----	-----	-----	-----	-----	-----	0.287
25.40	0.117	393.79	0.291	0.280	-----	-----	-----	-----	-----	-----	-----	0.280
25.60	0.116	393.72	0.276	0.274	-----	-----	-----	-----	-----	-----	-----	0.274
25.80	0.115	393.66	0.271	0.268	-----	-----	-----	-----	-----	-----	-----	0.268
26.00	0.115	393.60	0.271	0.262	-----	-----	-----	-----	-----	-----	-----	0.262
26.20	0.114	393.54	0.266	0.256	-----	-----	-----	-----	-----	-----	-----	0.256
26.40	0.114	393.48	0.251	0.250	-----	-----	-----	-----	-----	-----	-----	0.250
26.60	0.113	393.43	0.251	0.244	-----	-----	-----	-----	-----	-----	-----	0.244
26.80	0.113	393.38	0.250	0.239	-----	-----	-----	-----	-----	-----	-----	0.239
27.00	0.112	393.33	0.234	0.234	-----	-----	-----	-----	-----	-----	-----	0.234
27.20	0.112	393.29	0.233	0.228	-----	-----	-----	-----	-----	-----	-----	0.228
27.40	0.111	393.24	0.229	0.223	-----	-----	-----	-----	-----	-----	-----	0.223
27.60	0.111	393.20	0.218	0.218	-----	-----	-----	-----	-----	-----	-----	0.218
27.80	0.110	393.16	0.216	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
28.00	0.110	393.11	0.214	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
28.20	0.109	393.07	0.202	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
28.40	0.109	393.03	0.199	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
28.60	0.108	392.99	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
28.80	0.108	392.95	0.187	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
29.00	0.107	392.92	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
29.20	0.107	392.89	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
29.40	0.106	392.86	0.173	0.172	-----	-----	-----	-----	-----	-----	-----	0.172

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SSDEDB #17 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
29.60	0.106	392.83	0.170	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
29.80	0.105	392.79	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
30.00	0.105	392.74	0.156	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
30.20	0.104	392.70	0.150	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
30.40	0.104	392.67	0.143	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
30.60	0.103	392.64	0.138	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
30.80	0.103	392.61	0.132	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
31.00	0.102	392.59	0.131	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
31.20	0.102	392.57	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
31.40	0.102	392.55	0.120	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
31.60	0.101	392.54	0.119	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
31.80	0.101	392.53	0.119	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
32.00	0.100	392.52	0.118	0.111	-----	-----	-----	-----	-----	-----	-----	0.111

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 56

SSDEDB #18 Out

Hydrograph type	= Reservoir	Peak discharge	= 6.237 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.03 hrs
Time interval	= 2 min	Hyd. volume	= 17,553 cuft
Inflow hyd. No.	= 55 - SSDEDB #18 In	Reservoir name	= SSDEDB #18
Max. Elevation	= 392.47 ft	Max. Storage	= 7,219 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.80	3.117	389.48	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
12.00	6.968	392.36	5.351	0.077	-----	-----	5.274	-----	-----	-----	-----	5.351
12.20	1.100	391.87	1.602	0.085	-----	-----	1.515	-----	-----	-----	-----	1.600
12.40	0.770	391.73	0.836	0.085	-----	-----	0.750	-----	-----	-----	-----	0.835
12.60	0.529	391.68	0.587	0.085	-----	-----	0.501	-----	-----	-----	-----	0.587
12.80	0.444	391.65	0.468	0.085	-----	-----	0.380	-----	-----	-----	-----	0.466
13.00	0.385	391.63	0.408	0.086	-----	-----	0.318	-----	-----	-----	-----	0.404
13.20	0.338	391.62	0.355	0.086	-----	-----	0.267	-----	-----	-----	-----	0.352
13.40	0.306	391.61	0.318	0.086	-----	-----	0.232	-----	-----	-----	-----	0.317
13.60	0.274	391.60	0.286	0.086	-----	-----	0.201	-----	-----	-----	-----	0.286
13.80	0.250	391.59	0.260	0.086	-----	-----	0.175	-----	-----	-----	-----	0.260
14.00	0.227	391.58	0.237	0.086	-----	-----	0.151	-----	-----	-----	-----	0.237
14.20	0.211	391.57	0.217	0.086	-----	-----	0.131	-----	-----	-----	-----	0.217
14.40	0.203	391.57	0.207	0.086	-----	-----	0.121	-----	-----	-----	-----	0.207
14.60	0.195	391.57	0.199	0.086	-----	-----	0.113	-----	-----	-----	-----	0.199
14.80	0.187	391.56	0.191	0.086	-----	-----	0.106	-----	-----	-----	-----	0.191
15.00	0.179	391.56	0.184	0.086	-----	-----	0.098	-----	-----	-----	-----	0.183
15.20	0.171	391.56	0.176	0.086	-----	-----	0.090	-----	-----	-----	-----	0.175
15.40	0.163	391.55	0.168	0.086	-----	-----	0.081	-----	-----	-----	-----	0.167
15.60	0.155	391.55	0.160	0.086	-----	-----	0.073	-----	-----	-----	-----	0.159

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.80	0.147	391.54	0.152	0.086	-----	-----	0.065	-----	-----	-----	-----	0.151
16.00	0.138	391.54	0.144	0.086	-----	-----	0.057	-----	-----	-----	-----	0.143
16.20	0.133	391.54	0.137	0.086	-----	-----	0.050	-----	-----	-----	-----	0.136
16.40	0.130	391.54	0.133	0.086	-----	-----	0.046	-----	-----	-----	-----	0.132
16.60	0.127	391.53	0.130	0.086	-----	-----	0.043	-----	-----	-----	-----	0.129
16.80	0.124	391.53	0.127	0.086	-----	-----	0.040	-----	-----	-----	-----	0.126
17.00	0.121	391.53	0.125	0.086	-----	-----	0.038	-----	-----	-----	-----	0.124
17.20	0.118	391.53	0.122	0.086	-----	-----	0.035	-----	-----	-----	-----	0.121
17.40	0.116	391.53	0.120	0.086	-----	-----	0.033	-----	-----	-----	-----	0.118
17.60	0.113	391.52	0.117	0.086	-----	-----	0.030	-----	-----	-----	-----	0.115
17.80	0.110	391.52	0.115	0.086	-----	-----	0.027	-----	-----	-----	-----	0.113
18.00	0.107	391.52	0.112	0.086	-----	-----	0.024	-----	-----	-----	-----	0.110
18.20	0.104	391.52	0.109	0.086	-----	-----	0.021	-----	-----	-----	-----	0.107
18.40	0.101	391.51	0.107	0.086	-----	-----	0.018	-----	-----	-----	-----	0.104
18.60	0.098	391.51	0.104	0.086	-----	-----	0.015	-----	-----	-----	-----	0.101
18.80	0.095	391.51	0.102	0.086	-----	-----	0.012	-----	-----	-----	-----	0.098
19.00	0.092	391.51	0.099	0.086	-----	-----	0.009	-----	-----	-----	-----	0.095
19.20	0.089	391.51	0.096	0.086	-----	-----	0.007	-----	-----	-----	-----	0.092
19.40	0.086	391.50	0.094	0.086	-----	-----	0.004	-----	-----	-----	-----	0.089
19.60	0.084	391.50	0.091	0.086	-----	-----	0.001	-----	-----	-----	-----	0.086
19.80	0.081	391.50	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.00	0.078	391.49	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.20	0.076	391.48	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.40	0.075	391.48	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
20.60	0.075	391.47	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
20.80	0.074	391.46	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.00	0.074	391.45	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.20	0.073	391.44	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.40	0.072	391.43	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.60	0.072	391.42	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
21.80	0.071	391.41	0.090	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
22.00	0.071	391.39	0.089	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
22.20	0.070	391.38	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
22.40	0.070	391.37	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
22.60	0.069	391.36	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
22.80	0.068	391.34	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.00	0.068	391.33	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.20	0.067	391.32	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.40	0.067	391.31	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.60	0.066	391.30	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
23.80	0.065	391.28	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
24.00	0.065	391.27	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
24.20	0.003	391.23	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
24.40	0.000	391.18	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
24.60	0.000	391.12	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
24.80	0.000	391.06	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
25.00	0.000	391.00	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
25.20	0.000	390.95	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
25.40	0.000	390.91	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
25.60	0.000	390.86	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
25.80	0.000	390.82	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079
26.00	0.000	390.77	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
26.20	0.000	390.73	0.083	0.078	-----	-----	-----	-----	-----	-----	-----	0.078
26.40	0.000	390.69	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
26.60	0.000	390.64	0.079	0.077	-----	-----	-----	-----	-----	-----	-----	0.077
26.80	0.000	390.60	0.077	0.077	-----	-----	-----	-----	-----	-----	-----	0.077

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.00	0.000	390.57	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
27.20	0.000	390.53	0.076	0.076	-----	-----	-----	-----	-----	-----	-----	0.076
27.40	0.000	390.49	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
27.60	0.000	390.45	0.075	0.075	-----	-----	-----	-----	-----	-----	-----	0.075
27.80	0.000	390.41	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
28.00	0.000	390.37	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
28.20	0.000	390.34	0.075	0.074	-----	-----	-----	-----	-----	-----	-----	0.074
28.40	0.000	390.30	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
28.60	0.000	390.27	0.075	0.073	-----	-----	-----	-----	-----	-----	-----	0.073
28.80	0.000	390.23	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
29.00	0.000	390.20	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
29.20	0.000	390.16	0.075	0.072	-----	-----	-----	-----	-----	-----	-----	0.072
29.40	0.000	390.13	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
29.60	0.000	390.10	0.075	0.071	-----	-----	-----	-----	-----	-----	-----	0.071
29.80	0.000	390.06	0.075	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
30.00	0.000	390.03	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
30.20	0.000	389.99	0.070	0.070	-----	-----	-----	-----	-----	-----	-----	0.070
30.40	0.000	389.96	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
30.60	0.000	389.93	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
30.80	0.000	389.90	0.069	0.069	-----	-----	-----	-----	-----	-----	-----	0.069
31.00	0.000	389.87	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
31.20	0.000	389.84	0.069	0.068	-----	-----	-----	-----	-----	-----	-----	0.068
31.40	0.000	389.81	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
31.60	0.000	389.78	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
31.80	0.000	389.75	0.069	0.067	-----	-----	-----	-----	-----	-----	-----	0.067
32.00	0.000	389.72	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
32.20	0.000	389.69	0.069	0.066	-----	-----	-----	-----	-----	-----	-----	0.066
32.40	0.000	389.66	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065

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SSDEDB #18 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.60	0.000	389.63	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
32.80	0.000	389.60	0.069	0.065	-----	-----	-----	-----	-----	-----	-----	0.065
33.00	0.000	389.57	0.069	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
33.20	0.000	389.55	0.069	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
33.40	0.000	389.52	0.066	0.064	-----	-----	-----	-----	-----	-----	-----	0.064
33.60	0.000	389.49	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
33.80	0.000	389.46	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063
34.00	0.000	389.44	0.063	0.063	-----	-----	-----	-----	-----	-----	-----	0.063

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 59

SSDEDB #19 Out

Hydrograph type	= Reservoir	Peak discharge	= 14.48 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 53,712 cuft
Inflow hyd. No.	= 58 - SSDEDB #18 Out - SSDEDB #19 In	Reservoir name	= SSDEDB #19
Max. Elevation	= 390.98 ft	Max. Storage	= 16,073 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.80	4.439	387.61	0.155	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
12.00	17.27	389.43	0.525	0.200	-----	-----	0.326	-----	-----	-----	-----	0.525
12.20	7.787	390.63	10.39	0.177	-----	-----	10.21	-----	-----	-----	-----	10.39
12.40	2.630	389.93	3.514	0.198	-----	-----	3.294	-----	-----	-----	-----	3.491
12.60	1.859	389.75	2.227	0.198	-----	-----	2.028	-----	-----	-----	-----	2.227
12.80	1.437	389.66	1.672	0.199	-----	-----	1.441	-----	-----	-----	-----	1.640
13.00	1.243	389.61	1.376	0.199	-----	-----	1.163	-----	-----	-----	-----	1.362
13.20	1.082	389.58	1.185	0.199	-----	-----	0.978	-----	-----	-----	-----	1.177
13.40	0.973	389.55	1.053	0.199	-----	-----	0.844	-----	-----	-----	-----	1.044
13.60	0.876	389.53	0.960	0.199	-----	-----	0.739	-----	-----	-----	-----	0.939
13.80	0.795	389.51	0.862	0.200	-----	-----	0.651	-----	-----	-----	-----	0.850
14.00	0.723	389.50	0.783	0.200	-----	-----	0.578	-----	-----	-----	-----	0.777
14.20	0.663	389.48	0.719	0.200	-----	-----	0.516	-----	-----	-----	-----	0.716
14.40	0.632	389.47	0.668	0.200	-----	-----	0.468	-----	-----	-----	-----	0.668
14.60	0.607	389.46	0.635	0.200	-----	-----	0.435	-----	-----	-----	-----	0.635
14.80	0.583	389.46	0.609	0.200	-----	-----	0.409	-----	-----	-----	-----	0.609
15.00	0.559	389.45	0.584	0.200	-----	-----	0.384	-----	-----	-----	-----	0.584
15.20	0.534	389.44	0.559	0.200	-----	-----	0.359	-----	-----	-----	-----	0.559
15.40	0.509	389.44	0.534	0.200	-----	-----	0.334	-----	-----	-----	-----	0.534
15.60	0.484	389.43	0.511	0.200	-----	-----	0.311	-----	-----	-----	-----	0.511

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.80	0.459	389.42	0.487	0.200	-----	-----	0.287	-----	-----	-----	-----	0.487
16.00	0.435	389.42	0.463	0.200	-----	-----	0.263	-----	-----	-----	-----	0.463
16.20	0.413	389.41	0.439	0.200	-----	-----	0.239	-----	-----	-----	-----	0.439
16.40	0.402	389.40	0.420	0.200	-----	-----	0.220	-----	-----	-----	-----	0.420
16.60	0.393	389.40	0.407	0.200	-----	-----	0.207	-----	-----	-----	-----	0.407
16.80	0.384	389.40	0.397	0.200	-----	-----	0.197	-----	-----	-----	-----	0.397
17.00	0.376	389.39	0.388	0.200	-----	-----	0.188	-----	-----	-----	-----	0.388
17.20	0.367	389.39	0.379	0.200	-----	-----	0.179	-----	-----	-----	-----	0.379
17.40	0.359	389.39	0.370	0.200	-----	-----	0.170	-----	-----	-----	-----	0.370
17.60	0.350	389.38	0.362	0.200	-----	-----	0.162	-----	-----	-----	-----	0.362
17.80	0.341	389.38	0.353	0.200	-----	-----	0.153	-----	-----	-----	-----	0.353
18.00	0.332	389.38	0.344	0.200	-----	-----	0.144	-----	-----	-----	-----	0.344
18.20	0.323	389.37	0.335	0.200	-----	-----	0.135	-----	-----	-----	-----	0.335
18.40	0.314	389.37	0.326	0.200	-----	-----	0.126	-----	-----	-----	-----	0.326
18.60	0.305	389.37	0.318	0.200	-----	-----	0.118	-----	-----	-----	-----	0.318
18.80	0.297	389.36	0.310	0.200	-----	-----	0.110	-----	-----	-----	-----	0.310
19.00	0.288	389.36	0.304	0.200	-----	-----	0.102	-----	-----	-----	-----	0.302
19.20	0.279	389.36	0.297	0.200	-----	-----	0.094	-----	-----	-----	-----	0.294
19.40	0.270	389.35	0.290	0.200	-----	-----	0.085	-----	-----	-----	-----	0.285
19.60	0.261	389.35	0.282	0.200	-----	-----	0.076	-----	-----	-----	-----	0.276
19.80	0.254	389.35	0.275	0.200	-----	-----	0.068	-----	-----	-----	-----	0.268
20.00	0.248	389.34	0.269	0.200	-----	-----	0.061	-----	-----	-----	-----	0.260
20.20	0.243	389.34	0.263	0.200	-----	-----	0.054	-----	-----	-----	-----	0.254
20.40	0.241	389.34	0.259	0.200	-----	-----	0.049	-----	-----	-----	-----	0.249
20.60	0.240	389.34	0.256	0.200	-----	-----	0.045	-----	-----	-----	-----	0.245
20.80	0.239	389.33	0.254	0.200	-----	-----	0.043	-----	-----	-----	-----	0.243
21.00	0.237	389.33	0.252	0.200	-----	-----	0.041	-----	-----	-----	-----	0.240
21.20	0.236	389.33	0.251	0.200	-----	-----	0.039	-----	-----	-----	-----	0.239

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.40	0.235	389.33	0.249	0.200	-----	-----	0.038	-----	-----	-----	-----	0.238
21.60	0.233	389.33	0.248	0.200	-----	-----	0.037	-----	-----	-----	-----	0.237
21.80	0.232	389.33	0.246	0.200	-----	-----	0.036	-----	-----	-----	-----	0.236
22.00	0.231	389.33	0.245	0.200	-----	-----	0.035	-----	-----	-----	-----	0.235
22.20	0.229	389.33	0.243	0.200	-----	-----	0.034	-----	-----	-----	-----	0.234
22.40	0.228	389.33	0.242	0.200	-----	-----	0.032	-----	-----	-----	-----	0.232
22.60	0.227	389.33	0.240	0.200	-----	-----	0.031	-----	-----	-----	-----	0.231
22.80	0.226	389.32	0.238	0.200	-----	-----	0.030	-----	-----	-----	-----	0.230
23.00	0.224	389.32	0.237	0.200	-----	-----	0.029	-----	-----	-----	-----	0.228
23.20	0.223	389.32	0.235	0.200	-----	-----	0.027	-----	-----	-----	-----	0.227
23.40	0.222	389.32	0.233	0.200	-----	-----	0.026	-----	-----	-----	-----	0.226
23.60	0.220	389.32	0.232	0.200	-----	-----	0.025	-----	-----	-----	-----	0.225
23.80	0.219	389.32	0.230	0.200	-----	-----	0.023	-----	-----	-----	-----	0.223
24.00	0.218	389.32	0.228	0.200	-----	-----	0.022	-----	-----	-----	-----	0.222
24.20	0.137	389.31	0.216	0.200	-----	-----	0.012	-----	-----	-----	-----	0.212
24.40	0.083	389.28	0.200	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
24.60	0.082	389.25	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
24.80	0.081	389.22	0.199	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
25.00	0.081	389.19	0.199	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
25.20	0.080	389.17	0.199	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
25.40	0.080	389.14	0.199	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
25.60	0.079	389.11	0.199	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
25.80	0.079	389.09	0.199	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
26.00	0.078	389.06	0.199	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
26.20	0.078	389.03	0.199	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
26.40	0.077	389.01	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
26.60	0.077	388.98	0.199	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
26.80	0.077	388.95	0.199	0.190	-----	-----	-----	-----	-----	-----	-----	0.190

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.00	0.076	388.93	0.199	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
27.20	0.076	388.90	0.199	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
27.40	0.075	388.88	0.191	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
27.60	0.075	388.85	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
27.80	0.074	388.83	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
28.00	0.074	388.80	0.186	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
28.20	0.074	388.78	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
28.40	0.073	388.75	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
28.60	0.073	388.73	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
28.80	0.072	388.71	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
29.00	0.072	388.68	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
29.20	0.072	388.66	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
29.40	0.071	388.64	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
29.60	0.071	388.61	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
29.80	0.070	388.59	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
30.00	0.070	388.57	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
30.20	0.070	388.54	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
30.40	0.069	388.52	0.184	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
30.60	0.069	388.50	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
30.80	0.069	388.47	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
31.00	0.068	388.45	0.184	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
31.20	0.068	388.43	0.184	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
31.40	0.067	388.41	0.184	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
31.60	0.067	388.39	0.180	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
31.80	0.067	388.37	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
32.00	0.066	388.35	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
32.20	0.066	388.32	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
32.40	0.065	388.30	0.170	0.170	-----	-----	-----	-----	-----	-----	-----	0.170

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.60	0.065	388.28	0.170	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
32.80	0.065	388.26	0.169	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
33.00	0.064	388.24	0.169	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
33.20	0.064	388.22	0.169	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
33.40	0.064	388.20	0.169	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
33.60	0.063	388.18	0.169	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
33.80	0.063	388.16	0.169	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
34.00	0.063	388.14	0.169	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
34.20	0.062	388.12	0.169	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
34.40	0.062	388.10	0.169	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
34.60	0.062	388.08	0.169	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
34.80	0.061	388.06	0.169	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
35.00	0.061	388.04	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
35.20	0.060	388.02	0.169	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
35.40	0.060	388.00	0.169	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
35.60	0.060	387.98	0.169	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
35.80	0.059	387.96	0.167	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
36.00	0.059	387.94	0.160	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
36.20	0.059	387.92	0.158	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
36.40	0.058	387.90	0.157	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
36.60	0.058	387.88	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
36.80	0.058	387.86	0.156	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
37.00	0.057	387.84	0.156	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
37.20	0.057	387.82	0.155	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
37.40	0.057	387.81	0.155	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
37.60	0.056	387.79	0.155	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
37.80	0.056	387.77	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
38.00	0.056	387.75	0.155	0.152	-----	-----	-----	-----	-----	-----	-----	0.152

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SSDEDB #19 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.20	0.055	387.73	0.155	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
38.40	0.055	387.71	0.155	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
38.60	0.055	387.70	0.155	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
38.80	0.054	387.68	0.155	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
39.00	0.054	387.66	0.155	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
39.20	0.054	387.64	0.155	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
39.40	0.053	387.63	0.155	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
39.60	0.053	387.61	0.155	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
39.80	0.053	387.59	0.152	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
40.00	0.052	387.57	0.147	0.145	-----	-----	-----	-----	-----	-----	-----	0.145

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Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 4

SSDEDB #21 Out

Hydrograph type	= Reservoir	Peak discharge	= 7.562 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.10 hrs
Time interval	= 2 min	Hyd. volume	= 24,554 cuft
Inflow hyd. No.	= 3 - SSDEDB #21 In	Reservoir name	= SSDEDB #21
Max. Elevation	= 476.34 ft	Max. Storage	= 8,162 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
11.40	0.405	471.74	0.083	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
11.60	0.667	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
11.80	2.931	472.41	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
12.00	9.474 <<	474.74	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
12.20	3.461	475.99	4.481	0.205	-----	-----	4.272	-----	-----	-----	-----	4.477
12.40	1.409	475.59	1.560	0.210	-----	-----	1.340	-----	-----	-----	-----	1.550
12.60	0.995	475.51	1.103	0.211	-----	-----	0.888	-----	-----	-----	-----	1.098
12.80	0.795	475.46	0.856	0.211	-----	-----	0.630	-----	-----	-----	-----	0.840
13.00	0.696	475.43	0.730	0.211	-----	-----	0.516	-----	-----	-----	-----	0.727
13.20	0.610	475.41	0.650	0.211	-----	-----	0.425	-----	-----	-----	-----	0.636
13.40	0.553	475.39	0.590	0.211	-----	-----	0.362	-----	-----	-----	-----	0.573
13.60	0.499	475.38	0.530	0.211	-----	-----	0.307	-----	-----	-----	-----	0.519
13.80	0.454	475.36	0.478	0.211	-----	-----	0.260	-----	-----	-----	-----	0.471
14.00	0.415	475.35	0.436	0.211	-----	-----	0.221	-----	-----	-----	-----	0.432
14.20	0.383	475.34	0.397	0.212	-----	-----	0.184	-----	-----	-----	-----	0.396
14.40	0.368	475.33	0.375	0.212	-----	-----	0.163	-----	-----	-----	-----	0.375
14.60	0.354	475.33	0.363	0.212	-----	-----	0.151	-----	-----	-----	-----	0.362
14.80	0.341	475.32	0.351	0.212	-----	-----	0.137	-----	-----	-----	-----	0.349
15.00	0.327	475.32	0.338	0.212	-----	-----	0.124	-----	-----	-----	-----	0.335
15.20	0.313	475.31	0.326	0.212	-----	-----	0.110	-----	-----	-----	-----	0.322

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
15.40	0.299	475.31	0.313	0.212	-----	-----	0.096	-----	-----	-----	-----	0.308
15.60	0.285	475.30	0.300	0.212	-----	-----	0.082	-----	-----	-----	-----	0.293
15.80	0.270	475.30	0.287	0.212	-----	-----	0.069	-----	-----	-----	-----	0.281
16.00	0.256	475.29	0.274	0.212	-----	-----	0.056	-----	-----	-----	-----	0.268
16.20	0.244	475.28	0.259	0.212	-----	-----	0.043	-----	-----	-----	-----	0.255
16.40	0.239	475.28	0.249	0.212	-----	-----	0.034	-----	-----	-----	-----	0.246
16.60	0.234	475.27	0.242	0.212	-----	-----	0.028	-----	-----	-----	-----	0.239
16.80	0.229	475.27	0.236	0.212	-----	-----	0.022	-----	-----	-----	-----	0.234
17.00	0.224	475.27	0.230	0.211	-----	-----	0.017	-----	-----	-----	-----	0.229
17.20	0.219	475.27	0.226	0.211	-----	-----	0.013	-----	-----	-----	-----	0.225
17.40	0.214	475.26	0.224	0.211	-----	-----	0.011	-----	-----	-----	-----	0.223
17.60	0.209	475.25	0.221	0.211	-----	-----	0.009	-----	-----	-----	-----	0.220
17.80	0.204	475.25	0.218	0.211	-----	-----	0.006	-----	-----	-----	-----	0.217
18.00	0.198	475.24	0.214	0.211	-----	-----	0.002	-----	-----	-----	-----	0.213
18.20	0.193	475.23	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
18.40	0.188	475.22	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
18.60	0.183	475.20	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
18.80	0.178	475.18	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
19.00	0.172	475.16	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
19.20	0.167	475.14	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
19.40	0.162	475.11	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
19.60	0.157	475.08	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
19.80	0.151	475.05	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
20.00	0.146	475.01	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
20.20	0.142	474.98	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
20.40	0.141	474.95	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
20.60	0.140	474.92	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
20.80	0.139	474.89	0.208	0.202	-----	-----	-----	-----	-----	-----	-----	0.202

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.00	0.138	474.86	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
21.20	0.137	474.82	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
21.40	0.136	474.79	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
21.60	0.135	474.76	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
21.80	0.134	474.73	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.00	0.133	474.70	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
22.20	0.132	474.67	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
22.40	0.131	474.64	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
22.60	0.130	474.61	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
22.80	0.129	474.58	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
23.00	0.128	474.55	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
23.20	0.127	474.52	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
23.40	0.126	474.50	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
23.60	0.125	474.47	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
23.80	0.124	474.44	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
24.00	0.123	474.41	0.198	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
24.20	0.032	474.36	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
24.40	0.000	474.29	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
24.60	0.000	474.21	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
24.80	0.000	474.13	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
25.00	0.000	474.06	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
25.20	0.000	473.99	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
25.40	0.000	473.92	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
25.60	0.000	473.85	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
25.80	0.000	473.78	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
26.00	0.000	473.72	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
26.20	0.000	473.65	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
26.40	0.000	473.59	0.169	0.163	-----	-----	-----	-----	-----	-----	-----	0.163

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.60	0.000	473.53	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
26.80	0.000	473.47	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
27.00	0.000	473.41	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
27.20	0.000	473.35	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
27.40	0.000	473.29	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
27.60	0.000	473.24	0.152	0.151	-----	-----	-----	-----	-----	-----	-----	0.151
27.80	0.000	473.18	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
28.00	0.000	473.13	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
28.20	0.000	473.08	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145
28.40	0.000	473.02	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
28.60	0.000	472.97	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
28.80	0.000	472.92	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
29.00	0.000	472.87	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
29.20	0.000	472.82	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
29.40	0.000	472.78	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
29.60	0.000	472.73	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
29.80	0.000	472.68	0.133	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
30.00	0.000	472.64	0.128	0.128	-----	-----	-----	-----	-----	-----	-----	0.128
30.20	0.000	472.59	0.126	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
30.40	0.000	472.55	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
30.60	0.000	472.51	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
30.80	0.000	472.46	0.126	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
31.00	0.000	472.42	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
31.20	0.000	472.38	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
31.40	0.000	472.34	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
31.60	0.000	472.30	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
31.80	0.000	472.26	0.116	0.111	-----	-----	-----	-----	-----	-----	-----	0.111
32.00	0.000	472.23	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109

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SSDEDB #21 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.20	0.000	472.19	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
32.40	0.000	472.15	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
32.60	0.000	472.12	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
32.80	0.000	472.08	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
33.00	0.000	472.05	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
33.20	0.000	472.01	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
33.40	0.000	471.98	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
33.60	0.000	471.94	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
33.80	0.000	471.90	0.092	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
34.00	0.000	471.87	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
34.20	0.000	471.83	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
34.40	0.000	471.80	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
34.60	0.000	471.76	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
34.80	0.000	471.73	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
35.00	0.000	471.70	0.083	0.080	-----	-----	-----	-----	-----	-----	-----	0.080
35.20	0.000	471.67	0.083	0.077	-----	-----	-----	-----	-----	-----	-----	0.077

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 7

SSDEDB #22 Out

Hydrograph type	= Reservoir	Peak discharge	= 8.014 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.13 hrs
Time interval	= 2 min	Hyd. volume	= 37,102 cuft
Inflow hyd. No.	= 6 - SSDEDB #21 Out	Reservoir name	= SSDEDB #22
Max. Elevation	= 456.30 ft	Max. Storage	= 6,162 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.60	0.215	451.56	0.084	0.083	-----	-----	-----	-----	-----	-----	-----	0.083
10.80	0.252	451.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
11.00	0.293	451.73	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
11.20	0.362	451.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
11.40	0.444	451.99	0.108	0.107	-----	-----	-----	-----	-----	-----	-----	0.107
11.60	0.866	452.19	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
11.80	2.850	452.97	0.149	0.149	-----	-----	-----	-----	-----	-----	-----	0.149
12.00	4.529	455.76	3.354	0.207	-----	-----	3.142	-----	-----	-----	-----	3.349
12.20	5.172	456.05	5.889	0.198	-----	-----	5.691	-----	-----	-----	-----	5.889
12.40	2.059	455.60	2.250	0.212	-----	-----	2.006	-----	-----	-----	-----	2.217
12.60	1.450	455.49	1.544	0.213	-----	-----	1.323	-----	-----	-----	-----	1.535
12.80	1.148	455.43	1.192	0.213	-----	-----	0.978	-----	-----	-----	-----	1.191
13.00	0.992	455.40	1.029	0.213	-----	-----	0.809	-----	-----	-----	-----	1.022
13.20	0.872	455.37	0.913	0.213	-----	-----	0.682	-----	-----	-----	-----	0.896
13.40	0.787	455.35	0.813	0.213	-----	-----	0.591	-----	-----	-----	-----	0.805
13.60	0.711	455.33	0.729	0.214	-----	-----	0.514	-----	-----	-----	-----	0.728
13.80	0.646	455.31	0.670	0.214	-----	-----	0.448	-----	-----	-----	-----	0.662
14.00	0.591	455.30	0.620	0.214	-----	-----	0.391	-----	-----	-----	-----	0.605
14.20	0.545	455.29	0.569	0.214	-----	-----	0.343	-----	-----	-----	-----	0.557
14.40	0.519	455.28	0.535	0.214	-----	-----	0.311	-----	-----	-----	-----	0.525

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.60	0.500	455.27	0.513	0.214	-----	-----	0.291	-----	-----	-----	-----	0.505
14.80	0.482	455.27	0.492	0.214	-----	-----	0.273	-----	-----	-----	-----	0.487
15.00	0.462	455.26	0.472	0.214	-----	-----	0.254	-----	-----	-----	-----	0.468
15.20	0.442	455.26	0.452	0.214	-----	-----	0.235	-----	-----	-----	-----	0.449
15.40	0.423	455.25	0.432	0.214	-----	-----	0.215	-----	-----	-----	-----	0.429
15.60	0.403	455.24	0.411	0.214	-----	-----	0.195	-----	-----	-----	-----	0.409
15.80	0.384	455.24	0.391	0.214	-----	-----	0.176	-----	-----	-----	-----	0.390
16.00	0.366	455.23	0.372	0.214	-----	-----	0.158	-----	-----	-----	-----	0.372
16.20	0.349	455.23	0.356	0.214	-----	-----	0.141	-----	-----	-----	-----	0.355
16.40	0.338	455.22	0.344	0.214	-----	-----	0.128	-----	-----	-----	-----	0.342
16.60	0.330	455.22	0.335	0.214	-----	-----	0.119	-----	-----	-----	-----	0.333
16.80	0.322	455.21	0.328	0.214	-----	-----	0.111	-----	-----	-----	-----	0.325
17.00	0.315	455.21	0.321	0.214	-----	-----	0.104	-----	-----	-----	-----	0.318
17.20	0.309	455.21	0.314	0.214	-----	-----	0.097	-----	-----	-----	-----	0.311
17.40	0.305	455.21	0.310	0.214	-----	-----	0.092	-----	-----	-----	-----	0.307
17.60	0.300	455.21	0.306	0.214	-----	-----	0.088	-----	-----	-----	-----	0.302
17.80	0.295	455.20	0.301	0.214	-----	-----	0.083	-----	-----	-----	-----	0.297
18.00	0.289	455.20	0.296	0.214	-----	-----	0.077	-----	-----	-----	-----	0.291
18.20	0.285	455.20	0.291	0.214	-----	-----	0.072	-----	-----	-----	-----	0.286
18.40	0.282	455.20	0.288	0.214	-----	-----	0.069	-----	-----	-----	-----	0.284
18.60	0.280	455.20	0.285	0.214	-----	-----	0.067	-----	-----	-----	-----	0.281
18.80	0.277	455.19	0.282	0.214	-----	-----	0.064	-----	-----	-----	-----	0.279
19.00	0.274	455.19	0.280	0.214	-----	-----	0.062	-----	-----	-----	-----	0.276
19.20	0.272	455.19	0.277	0.214	-----	-----	0.059	-----	-----	-----	-----	0.273
19.40	0.269	455.19	0.274	0.214	-----	-----	0.056	-----	-----	-----	-----	0.271
19.60	0.266	455.19	0.271	0.214	-----	-----	0.054	-----	-----	-----	-----	0.268
19.80	0.263	455.19	0.268	0.214	-----	-----	0.051	-----	-----	-----	-----	0.265
20.00	0.260	455.19	0.264	0.214	-----	-----	0.048	-----	-----	-----	-----	0.262

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.20	0.258	455.18	0.262	0.214	-----	-----	0.045	-----	-----	-----	-----	0.259
20.40	0.257	455.18	0.260	0.214	-----	-----	0.044	-----	-----	-----	-----	0.258
20.60	0.256	455.18	0.259	0.214	-----	-----	0.042	-----	-----	-----	-----	0.256
20.80	0.254	455.18	0.257	0.214	-----	-----	0.041	-----	-----	-----	-----	0.255
21.00	0.253	455.18	0.256	0.214	-----	-----	0.040	-----	-----	-----	-----	0.254
21.20	0.252	455.18	0.255	0.214	-----	-----	0.039	-----	-----	-----	-----	0.253
21.40	0.251	455.18	0.253	0.214	-----	-----	0.037	-----	-----	-----	-----	0.251
21.60	0.250	455.18	0.252	0.214	-----	-----	0.036	-----	-----	-----	-----	0.250
21.80	0.248	455.18	0.251	0.214	-----	-----	0.035	-----	-----	-----	-----	0.249
22.00	0.247	455.18	0.249	0.214	-----	-----	0.034	-----	-----	-----	-----	0.248
22.20	0.246	455.18	0.248	0.214	-----	-----	0.032	-----	-----	-----	-----	0.246
22.40	0.244	455.18	0.247	0.214	-----	-----	0.031	-----	-----	-----	-----	0.245
22.60	0.243	455.18	0.245	0.214	-----	-----	0.030	-----	-----	-----	-----	0.244
22.80	0.242	455.17	0.244	0.214	-----	-----	0.029	-----	-----	-----	-----	0.243
23.00	0.241	455.17	0.243	0.214	-----	-----	0.027	-----	-----	-----	-----	0.241
23.20	0.240	455.17	0.241	0.214	-----	-----	0.026	-----	-----	-----	-----	0.240
23.40	0.238	455.17	0.240	0.214	-----	-----	0.025	-----	-----	-----	-----	0.239
23.60	0.237	455.17	0.239	0.214	-----	-----	0.024	-----	-----	-----	-----	0.238
23.80	0.236	455.17	0.237	0.214	-----	-----	0.022	-----	-----	-----	-----	0.236
24.00	0.235	455.17	0.236	0.214	-----	-----	0.021	-----	-----	-----	-----	0.235
24.20	0.187	455.15	0.219	0.214	-----	-----	0.005	-----	-----	-----	-----	0.219
24.40	0.185	455.12	0.213	0.213	-----	-----	-----	-----	-----	-----	-----	0.213
24.60	0.183	455.10	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
24.80	0.180	455.07	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.00	0.178	455.04	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
25.20	0.176	455.01	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
25.40	0.174	454.99	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
25.60	0.172	454.95	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
25.80	0.169	454.92	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
26.00	0.167	454.89	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
26.20	0.165	454.86	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
26.40	0.163	454.82	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
26.60	0.161	454.79	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
26.80	0.159	454.76	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
27.00	0.157	454.73	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
27.20	0.155	454.70	0.211	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
27.40	0.153	454.67	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
27.60	0.151	454.63	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
27.80	0.149	454.60	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
28.00	0.147	454.57	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
28.20	0.145	454.53	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
28.40	0.143	454.50	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
28.60	0.141	454.46	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
28.80	0.139	454.43	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
29.00	0.137	454.39	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
29.20	0.135	454.36	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
29.40	0.133	454.33	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
29.60	0.131	454.29	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
29.80	0.129	454.25	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
30.00	0.128	454.22	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
30.20	0.126	454.18	0.192	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
30.40	0.124	454.14	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
30.60	0.122	454.11	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
30.80	0.120	454.07	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
31.00	0.118	454.04	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
31.20	0.117	454.00	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.40	0.115	453.96	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
31.60	0.113	453.93	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
31.80	0.111	453.89	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
32.00	0.109	453.85	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
32.20	0.107	453.81	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
32.40	0.105	453.77	0.184	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
32.60	0.104	453.74	0.175	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
32.80	0.102	453.70	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
33.00	0.100	453.66	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
33.20	0.098	453.62	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
33.40	0.096	453.58	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
33.60	0.094	453.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
33.80	0.092	453.50	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
34.00	0.090	453.46	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
34.20	0.088	453.43	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
34.40	0.086	453.39	0.168	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
34.60	0.084	453.35	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
34.80	0.082	453.31	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
35.00	0.080	453.27	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
35.20	0.077	453.23	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
35.40	0.074	453.19	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
35.60	0.070	453.14	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
35.80	0.066	453.10	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
36.00	0.062	453.06	0.157	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
36.20	0.058	453.01	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
36.40	0.055	452.97	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
36.60	0.051	452.92	0.148	0.147	-----	-----	-----	-----	-----	-----	-----	0.147
36.80	0.047	452.87	0.148	0.145	-----	-----	-----	-----	-----	-----	-----	0.145

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SSDEDB #22 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.00	0.044	452.82	0.148	0.143	-----	-----	-----	-----	-----	-----	-----	0.143
37.20	0.040	452.77	0.148	0.141	-----	-----	-----	-----	-----	-----	-----	0.141
37.40	0.036	452.73	0.139	0.139	-----	-----	-----	-----	-----	-----	-----	0.139
37.60	0.032	452.68	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
37.80	0.028	452.62	0.137	0.135	-----	-----	-----	-----	-----	-----	-----	0.135
38.00	0.024	452.57	0.137	0.133	-----	-----	-----	-----	-----	-----	-----	0.133
38.20	0.020	452.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
38.40	0.016	452.47	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
38.60	0.014	452.41	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
38.80	0.012	452.36	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
39.00	0.010	452.31	0.126	0.122	-----	-----	-----	-----	-----	-----	-----	0.122
39.20	0.008	452.25	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
39.40	0.007	452.20	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
39.60	0.006	452.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
39.80	0.006	452.10	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
40.00	0.005	452.05	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
40.20	0.004	452.00	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
40.40	0.004	451.95	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
40.60	0.004	451.91	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
40.80	0.003	451.86	0.106	0.101	-----	-----	-----	-----	-----	-----	-----	0.101
41.00	0.003	451.82	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
41.20	0.002	451.77	0.099	0.096	-----	-----	-----	-----	-----	-----	-----	0.096
41.40	0.002	451.72	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
41.60	0.002	451.67	0.091	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
41.80	0.002	451.63	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
42.00	0.002	451.58	0.087	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
42.20	0.002	451.54	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 10

SSDEDB #23 Out

Hydrograph type	= Reservoir	Peak discharge	= 7.801 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.17 hrs
Time interval	= 2 min	Hyd. volume	= 42,035 cuft
Inflow hyd. No.	= 9 - SSDEDB #22 Out	Reservoir name	= SSDEDB #23
Max. Elevation	= 450.24 ft	Max. Storage	= 5,581 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
10.80	0.160	445.52	0.083	0.081	-----	-----	-----	-----	-----	-----	-----	0.081
11.00	0.178	445.57	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
11.20	0.206	445.63	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
11.40	0.242	445.70	0.093	0.092	-----	-----	-----	-----	-----	-----	-----	0.092
11.60	0.410	445.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
11.80	1.221	446.15	0.117	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
12.00	5.115	447.31	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
12.20	6.174	450.09	6.791	0.192	-----	-----	6.599	-----	-----	-----	-----	6.791
12.40	2.427	449.61	2.619	0.210	-----	-----	2.408	-----	-----	-----	-----	2.618
12.60	1.681	449.48	1.777	0.211	-----	-----	1.555	-----	-----	-----	-----	1.766
12.80	1.318	449.41	1.386	0.211	-----	-----	1.152	-----	-----	-----	-----	1.364
13.00	1.132	449.37	1.166	0.212	-----	-----	0.949	-----	-----	-----	-----	1.161
13.20	0.993	449.34	1.025	0.212	-----	-----	0.805	-----	-----	-----	-----	1.017
13.40	0.893	449.32	0.920	0.212	-----	-----	0.699	-----	-----	-----	-----	0.912
13.60	0.807	449.30	0.825	0.212	-----	-----	0.612	-----	-----	-----	-----	0.824
13.80	0.734	449.29	0.753	0.212	-----	-----	0.537	-----	-----	-----	-----	0.749
14.00	0.671	449.27	0.692	0.212	-----	-----	0.472	-----	-----	-----	-----	0.684
14.20	0.619	449.26	0.637	0.212	-----	-----	0.418	-----	-----	-----	-----	0.630
14.40	0.585	449.25	0.596	0.213	-----	-----	0.380	-----	-----	-----	-----	0.592
14.60	0.563	449.24	0.570	0.213	-----	-----	0.355	-----	-----	-----	-----	0.568

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
14.80	0.542	449.24	0.548	0.213	-----	-----	0.334	-----	-----	-----	-----	0.547
15.00	0.521	449.23	0.528	0.213	-----	-----	0.314	-----	-----	-----	-----	0.526
15.20	0.499	449.22	0.509	0.213	-----	-----	0.292	-----	-----	-----	-----	0.505
15.40	0.477	449.22	0.489	0.213	-----	-----	0.270	-----	-----	-----	-----	0.483
15.60	0.455	449.21	0.469	0.213	-----	-----	0.248	-----	-----	-----	-----	0.461
15.80	0.433	449.20	0.450	0.213	-----	-----	0.226	-----	-----	-----	-----	0.439
16.00	0.413	449.20	0.431	0.213	-----	-----	0.206	-----	-----	-----	-----	0.419
16.20	0.395	449.19	0.411	0.213	-----	-----	0.188	-----	-----	-----	-----	0.400
16.40	0.381	449.19	0.394	0.213	-----	-----	0.172	-----	-----	-----	-----	0.385
16.60	0.370	449.18	0.382	0.213	-----	-----	0.161	-----	-----	-----	-----	0.374
16.80	0.362	449.18	0.371	0.213	-----	-----	0.152	-----	-----	-----	-----	0.365
17.00	0.354	449.18	0.362	0.213	-----	-----	0.143	-----	-----	-----	-----	0.356
17.20	0.346	449.17	0.354	0.213	-----	-----	0.135	-----	-----	-----	-----	0.348
17.40	0.341	449.17	0.347	0.213	-----	-----	0.130	-----	-----	-----	-----	0.342
17.60	0.335	449.17	0.341	0.213	-----	-----	0.124	-----	-----	-----	-----	0.337
17.80	0.329	449.17	0.335	0.213	-----	-----	0.118	-----	-----	-----	-----	0.331
18.00	0.323	449.17	0.328	0.213	-----	-----	0.112	-----	-----	-----	-----	0.325
18.20	0.317	449.16	0.322	0.213	-----	-----	0.106	-----	-----	-----	-----	0.319
18.40	0.313	449.16	0.318	0.213	-----	-----	0.102	-----	-----	-----	-----	0.315
18.60	0.310	449.16	0.315	0.213	-----	-----	0.099	-----	-----	-----	-----	0.312
18.80	0.307	449.16	0.312	0.213	-----	-----	0.095	-----	-----	-----	-----	0.308
19.00	0.303	449.16	0.308	0.213	-----	-----	0.092	-----	-----	-----	-----	0.305
19.20	0.300	449.15	0.305	0.213	-----	-----	0.088	-----	-----	-----	-----	0.301
19.40	0.296	449.15	0.301	0.213	-----	-----	0.085	-----	-----	-----	-----	0.298
19.60	0.292	449.15	0.298	0.213	-----	-----	0.081	-----	-----	-----	-----	0.294
19.80	0.289	449.15	0.294	0.213	-----	-----	0.077	-----	-----	-----	-----	0.290
20.00	0.285	449.15	0.291	0.213	-----	-----	0.074	-----	-----	-----	-----	0.286
20.20	0.282	449.15	0.287	0.213	-----	-----	0.070	-----	-----	-----	-----	0.283

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
20.40	0.280	449.15	0.285	0.213	-----	-----	0.068	-----	-----	-----	-----	0.281
20.60	0.279	449.14	0.284	0.213	-----	-----	0.066	-----	-----	-----	-----	0.279
20.80	0.277	449.14	0.282	0.213	-----	-----	0.065	-----	-----	-----	-----	0.278
21.00	0.276	449.14	0.281	0.213	-----	-----	0.064	-----	-----	-----	-----	0.276
21.20	0.274	449.14	0.280	0.213	-----	-----	0.062	-----	-----	-----	-----	0.275
21.40	0.273	449.14	0.278	0.213	-----	-----	0.061	-----	-----	-----	-----	0.274
21.60	0.272	449.14	0.277	0.213	-----	-----	0.059	-----	-----	-----	-----	0.272
21.80	0.270	449.14	0.276	0.213	-----	-----	0.058	-----	-----	-----	-----	0.271
22.00	0.269	449.14	0.274	0.213	-----	-----	0.057	-----	-----	-----	-----	0.269
22.20	0.267	449.14	0.273	0.213	-----	-----	0.055	-----	-----	-----	-----	0.268
22.40	0.266	449.14	0.271	0.213	-----	-----	0.054	-----	-----	-----	-----	0.266
22.60	0.264	449.14	0.270	0.213	-----	-----	0.052	-----	-----	-----	-----	0.265
22.80	0.263	449.14	0.269	0.213	-----	-----	0.051	-----	-----	-----	-----	0.264
23.00	0.262	449.14	0.267	0.213	-----	-----	0.049	-----	-----	-----	-----	0.262
23.20	0.260	449.14	0.266	0.213	-----	-----	0.048	-----	-----	-----	-----	0.261
23.40	0.259	449.14	0.265	0.213	-----	-----	0.047	-----	-----	-----	-----	0.259
23.60	0.257	449.14	0.263	0.213	-----	-----	0.045	-----	-----	-----	-----	0.258
23.80	0.256	449.13	0.262	0.213	-----	-----	0.044	-----	-----	-----	-----	0.257
24.00	0.255	449.13	0.260	0.213	-----	-----	0.042	-----	-----	-----	-----	0.255
24.20	0.219	449.12	0.241	0.213	-----	-----	0.025	-----	-----	-----	-----	0.237
24.40	0.213	449.11	0.223	0.213	-----	-----	0.009	-----	-----	-----	-----	0.222
24.60	0.212	449.10	0.216	0.213	-----	-----	0.003	-----	-----	-----	-----	0.216
24.80	0.212	449.10	0.213	0.213	-----	-----	0.001	-----	-----	-----	-----	0.213
25.00	0.211	449.10	0.213	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.20	0.210	449.10	0.213	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.40	0.210	449.10	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.60	0.209	449.09	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
25.80	0.208	449.09	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
26.00	0.207	449.08	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
26.20	0.206	449.08	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
26.40	0.205	449.07	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
26.60	0.204	449.07	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
26.80	0.204	449.06	0.212	0.212	-----	-----	-----	-----	-----	-----	-----	0.212
27.00	0.203	449.05	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
27.20	0.202	449.04	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
27.40	0.201	449.04	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
27.60	0.200	449.03	0.212	0.211	-----	-----	-----	-----	-----	-----	-----	0.211
27.80	0.199	449.02	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.00	0.198	449.01	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.20	0.197	449.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.40	0.196	448.98	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.60	0.195	448.97	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
28.80	0.195	448.96	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
29.00	0.194	448.95	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
29.20	0.193	448.93	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
29.40	0.192	448.92	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
29.60	0.191	448.90	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
29.80	0.190	448.89	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
30.00	0.189	448.87	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
30.20	0.187	448.85	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
30.40	0.186	448.84	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
30.60	0.185	448.82	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
30.80	0.184	448.80	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
31.00	0.183	448.78	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
31.20	0.182	448.77	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
31.40	0.181	448.75	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
31.60	0.180	448.74	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
31.80	0.179	448.72	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
32.00	0.178	448.70	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
32.20	0.176	448.68	0.207	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
32.40	0.175	448.67	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
32.60	0.174	448.65	0.201	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
32.80	0.173	448.63	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
33.00	0.172	448.61	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
33.20	0.171	448.59	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
33.40	0.169	448.57	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
33.60	0.168	448.54	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
33.80	0.167	448.52	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
34.00	0.165	448.50	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
34.20	0.164	448.48	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
34.40	0.163	448.45	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
34.60	0.162	448.43	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
34.80	0.160	448.41	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
35.00	0.159	448.39	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
35.20	0.158	448.37	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
35.40	0.156	448.34	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
35.60	0.155	448.32	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
35.80	0.153	448.29	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
36.00	0.152	448.27	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
36.20	0.150	448.24	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
36.40	0.148	448.22	0.198	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
36.60	0.147	448.19	0.195	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
36.80	0.145	448.16	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
37.00	0.143	448.13	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
37.20	0.141	448.11	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
37.40	0.139	448.08	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
37.60	0.137	448.05	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
37.80	0.135	448.02	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
38.00	0.133	447.99	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
38.20	0.131	447.96	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
38.40	0.129	447.93	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
38.60	0.127	447.90	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
38.80	0.124	447.87	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
39.00	0.122	447.83	0.184	0.177	-----	-----	-----	-----	-----	-----	-----	0.177
39.20	0.120	447.80	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
39.40	0.117	447.77	0.184	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
39.60	0.115	447.73	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
39.80	0.113	447.70	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
40.00	0.110	447.66	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
40.20	0.108	447.63	0.171	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
40.40	0.106	447.59	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
40.60	0.103	447.55	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
40.80	0.101	447.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
41.00	0.098	447.48	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
41.20	0.096	447.44	0.171	0.165	-----	-----	-----	-----	-----	-----	-----	0.165
41.40	0.093	447.40	0.171	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
41.60	0.090	447.36	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
41.80	0.088	447.32	0.161	0.161	-----	-----	-----	-----	-----	-----	-----	0.161
42.00	0.085	447.28	0.160	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
42.20	0.082	447.24	0.159	0.158	-----	-----	-----	-----	-----	-----	-----	0.158
42.40	0.079	447.19	0.159	0.156	-----	-----	-----	-----	-----	-----	-----	0.156
42.60	0.076	447.15	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
42.80	0.071	447.11	0.159	0.153	-----	-----	-----	-----	-----	-----	-----	0.153
43.00	0.066	447.06	0.158	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
43.20	0.061	447.01	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
43.40	0.056	446.96	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
43.60	0.051	446.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
43.80	0.046	446.86	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
44.00	0.042	446.81	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
44.20	0.037	446.75	0.145	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
44.40	0.032	446.70	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
44.60	0.026	446.64	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
44.80	0.021	446.58	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134
45.00	0.016	446.52	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
45.20	0.013	446.46	0.129	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
45.40	0.010	446.40	0.127	0.126	-----	-----	-----	-----	-----	-----	-----	0.126
45.60	0.008	446.34	0.126	0.124	-----	-----	-----	-----	-----	-----	-----	0.124
45.80	0.007	446.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
46.00	0.006	446.22	0.118	0.118	-----	-----	-----	-----	-----	-----	-----	0.118
46.20	0.005	446.17	0.117	0.116	-----	-----	-----	-----	-----	-----	-----	0.116
46.40	0.004	446.11	0.117	0.113	-----	-----	-----	-----	-----	-----	-----	0.113
46.60	0.004	446.06	0.114	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
46.80	0.003	446.00	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
47.00	0.003	445.95	0.107	0.105	-----	-----	-----	-----	-----	-----	-----	0.105
47.20	0.002	445.90	0.107	0.103	-----	-----	-----	-----	-----	-----	-----	0.103
47.40	0.002	445.85	0.103	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
47.60	0.002	445.80	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
47.80	0.002	445.74	0.099	0.094	-----	-----	-----	-----	-----	-----	-----	0.094
48.00	0.002	445.69	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
48.20	0.002	445.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088

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SSDEDB #23 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
48.40	0.001	445.59	0.088	0.085	-----	-----	-----	-----	-----	-----	-----	0.085
48.60	0.001	445.54	0.083	0.082	-----	-----	-----	-----	-----	-----	-----	0.082
48.80	0.001	445.50	0.083	0.079	-----	-----	-----	-----	-----	-----	-----	0.079

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 13

SSDEDB #24 Out

Hydrograph type	= Reservoir	Peak discharge	= 8.201 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.20 hrs
Time interval	= 2 min	Hyd. volume	= 59,523 cuft
Inflow hyd. No.	= 12 - SSDEDB #23 Out	Reservoir name	= SSDEDB #24 In
Max. Elevation	= 421.16 ft	Max. Storage	= 7,121 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
9.40	0.179	416.57	0.085	0.084	-----	-----	-----	-----	-----	-----	-----	0.084
9.60	0.187	416.62	0.090	0.087	-----	-----	-----	-----	-----	-----	-----	0.087
9.80	0.206	416.66	0.090	0.090	-----	-----	-----	-----	-----	-----	-----	0.090
10.00	0.226	416.72	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
10.20	0.251	416.78	0.099	0.097	-----	-----	-----	-----	-----	-----	-----	0.097
10.40	0.280	416.85	0.104	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
10.60	0.313	416.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
10.80	0.357	417.02	0.109	0.109	-----	-----	-----	-----	-----	-----	-----	0.109
11.00	0.403	417.13	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
11.20	0.489	417.26	0.124	0.120	-----	-----	-----	-----	-----	-----	-----	0.120
11.40	0.596	417.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
11.60	1.176	417.67	0.137	0.137	-----	-----	-----	-----	-----	-----	-----	0.137
11.80	3.922	418.64	0.172	0.171	-----	-----	-----	-----	-----	-----	-----	0.171
12.00	6.196	421.02	7.092	0.187	-----	-----	6.905	-----	-----	-----	-----	7.092
12.20	7.758	421.13 <<	8.201	0.175	-----	-----	8.026	-----	-----	-----	-----	8.201
<<												
12.40	3.328	420.65	3.673	0.204	-----	-----	3.457	-----	-----	-----	-----	3.661
12.60	2.257	420.47	2.411	0.208	-----	-----	2.180	-----	-----	-----	-----	2.387
12.80	1.793	420.40	1.890	0.208	-----	-----	1.655	-----	-----	-----	-----	1.863
13.00	1.531	420.35	1.587	0.209	-----	-----	1.370	-----	-----	-----	-----	1.578
13.20	1.346	420.31	1.405	0.209	-----	-----	1.173	-----	-----	-----	-----	1.382

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
13.40	1.209	420.29	1.257	0.209	-----	-----	1.029	-----	-----	-----	-----	1.238
13.60	1.091	420.26	1.119	0.209	-----	-----	0.908	-----	-----	-----	-----	1.117
13.80	0.994	420.24	1.027	0.209	-----	-----	0.807	-----	-----	-----	-----	1.017
14.00	0.906	420.23	0.940	0.209	-----	-----	0.718	-----	-----	-----	-----	0.927
14.20	0.839	420.21	0.859	0.210	-----	-----	0.644	-----	-----	-----	-----	0.854
14.40	0.793	420.20	0.804	0.210	-----	-----	0.594	-----	-----	-----	-----	0.804
14.60	0.760	420.19	0.772	0.210	-----	-----	0.559	-----	-----	-----	-----	0.769
14.80	0.732	420.18	0.745	0.210	-----	-----	0.530	-----	-----	-----	-----	0.740
15.00	0.703	420.18	0.719	0.210	-----	-----	0.501	-----	-----	-----	-----	0.711
15.20	0.674	420.17	0.692	0.210	-----	-----	0.472	-----	-----	-----	-----	0.682
15.40	0.643	420.16	0.664	0.210	-----	-----	0.443	-----	-----	-----	-----	0.652
15.60	0.613	420.16	0.631	0.210	-----	-----	0.413	-----	-----	-----	-----	0.623
15.80	0.583	420.15	0.598	0.210	-----	-----	0.382	-----	-----	-----	-----	0.592
16.00	0.555	420.14	0.566	0.210	-----	-----	0.353	-----	-----	-----	-----	0.563
16.20	0.532	420.13	0.540	0.210	-----	-----	0.329	-----	-----	-----	-----	0.539
16.40	0.514	420.13	0.523	0.210	-----	-----	0.311	-----	-----	-----	-----	0.521
16.60	0.500	420.12	0.510	0.210	-----	-----	0.295	-----	-----	-----	-----	0.505
16.80	0.488	420.12	0.498	0.210	-----	-----	0.283	-----	-----	-----	-----	0.493
17.00	0.476	420.12	0.488	0.210	-----	-----	0.271	-----	-----	-----	-----	0.481
17.20	0.466	420.11	0.479	0.210	-----	-----	0.260	-----	-----	-----	-----	0.470
17.40	0.457	420.11	0.471	0.210	-----	-----	0.250	-----	-----	-----	-----	0.460
17.60	0.449	420.11	0.463	0.210	-----	-----	0.242	-----	-----	-----	-----	0.452
17.80	0.440	420.11	0.456	0.210	-----	-----	0.233	-----	-----	-----	-----	0.444
18.00	0.431	420.10	0.448	0.210	-----	-----	0.225	-----	-----	-----	-----	0.435
18.20	0.422	420.10	0.441	0.210	-----	-----	0.216	-----	-----	-----	-----	0.426
18.40	0.415	420.10	0.434	0.210	-----	-----	0.208	-----	-----	-----	-----	0.418
18.60	0.409	420.10	0.427	0.210	-----	-----	0.202	-----	-----	-----	-----	0.412
18.80	0.402	420.09	0.420	0.210	-----	-----	0.195	-----	-----	-----	-----	0.405

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
19.00	0.396	420.09	0.413	0.210	-----	-----	0.189	-----	-----	-----	-----	0.399
19.20	0.390	420.09	0.406	0.210	-----	-----	0.183	-----	-----	-----	-----	0.393
19.40	0.383	420.09	0.399	0.210	-----	-----	0.176	-----	-----	-----	-----	0.386
19.60	0.377	420.09	0.391	0.210	-----	-----	0.170	-----	-----	-----	-----	0.380
19.80	0.370	420.08	0.384	0.210	-----	-----	0.163	-----	-----	-----	-----	0.373
20.00	0.363	420.08	0.377	0.210	-----	-----	0.156	-----	-----	-----	-----	0.366
20.20	0.358	420.08	0.370	0.210	-----	-----	0.150	-----	-----	-----	-----	0.361
20.40	0.356	420.08	0.366	0.210	-----	-----	0.147	-----	-----	-----	-----	0.357
20.60	0.354	420.08	0.364	0.210	-----	-----	0.145	-----	-----	-----	-----	0.355
20.80	0.352	420.08	0.361	0.210	-----	-----	0.142	-----	-----	-----	-----	0.353
21.00	0.350	420.08	0.359	0.210	-----	-----	0.140	-----	-----	-----	-----	0.351
21.20	0.348	420.07	0.357	0.210	-----	-----	0.138	-----	-----	-----	-----	0.349
21.40	0.346	420.07	0.355	0.210	-----	-----	0.136	-----	-----	-----	-----	0.347
21.60	0.344	420.07	0.353	0.210	-----	-----	0.134	-----	-----	-----	-----	0.345
21.80	0.342	420.07	0.350	0.210	-----	-----	0.132	-----	-----	-----	-----	0.343
22.00	0.340	420.07	0.348	0.210	-----	-----	0.130	-----	-----	-----	-----	0.341
22.20	0.338	420.07	0.346	0.210	-----	-----	0.128	-----	-----	-----	-----	0.339
22.40	0.336	420.07	0.344	0.210	-----	-----	0.126	-----	-----	-----	-----	0.337
22.60	0.334	420.07	0.341	0.210	-----	-----	0.124	-----	-----	-----	-----	0.335
22.80	0.332	420.07	0.339	0.210	-----	-----	0.122	-----	-----	-----	-----	0.333
23.00	0.330	420.07	0.337	0.210	-----	-----	0.120	-----	-----	-----	-----	0.331
23.20	0.328	420.07	0.335	0.210	-----	-----	0.118	-----	-----	-----	-----	0.329
23.40	0.326	420.07	0.333	0.210	-----	-----	0.116	-----	-----	-----	-----	0.327
23.60	0.324	420.07	0.330	0.210	-----	-----	0.114	-----	-----	-----	-----	0.325
23.80	0.322	420.07	0.328	0.210	-----	-----	0.113	-----	-----	-----	-----	0.323
24.00	0.320	420.06	0.327	0.210	-----	-----	0.111	-----	-----	-----	-----	0.321
24.20	0.237	420.04	0.277	0.210	-----	-----	0.060	-----	-----	-----	-----	0.270
24.40	0.222	420.03	0.247	0.210	-----	-----	0.031	-----	-----	-----	-----	0.241

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
24.60	0.216	420.01	0.232	0.210	-----	-----	0.018	-----	-----	-----	-----	0.228
24.80	0.213	420.01	0.223	0.210	-----	-----	0.010	-----	-----	-----	-----	0.220
25.00	0.212	420.00	0.218	0.210	-----	-----	0.006	-----	-----	-----	-----	0.216
25.20	0.212	420.00	0.216	0.210	-----	-----	0.004	-----	-----	-----	-----	0.214
25.40	0.212	420.00	0.215	0.210	-----	-----	0.003	-----	-----	-----	-----	0.213
25.60	0.212	420.00	0.215	0.210	-----	-----	0.003	-----	-----	-----	-----	0.213
25.80	0.212	420.00	0.215	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
26.00	0.212	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
26.20	0.212	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
26.40	0.212	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
26.60	0.212	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
26.80	0.212	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
27.00	0.211	420.00	0.214	0.210	-----	-----	0.002	-----	-----	-----	-----	0.212
27.20	0.211	420.00	0.213	0.210	-----	-----	0.001	-----	-----	-----	-----	0.211
27.40	0.211	420.00	0.213	0.210	-----	-----	0.001	-----	-----	-----	-----	0.211
27.60	0.211	420.00	0.213	0.210	-----	-----	0.001	-----	-----	-----	-----	0.211
27.80	0.210	420.00	0.213	0.210	-----	-----	0.001	-----	-----	-----	-----	0.211
28.00	0.210	420.00	0.212	0.210	-----	-----	0.000	-----	-----	-----	-----	0.210
28.20	0.210	420.00	0.212	0.210	-----	-----	0.000	-----	-----	-----	-----	0.210
28.40	0.210	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.60	0.209	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
28.80	0.209	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
29.00	0.209	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
29.20	0.208	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
29.40	0.208	420.00	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
29.60	0.207	419.99	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
29.80	0.207	419.99	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
30.00	0.207	419.99	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
30.20	0.206	419.99	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
30.40	0.206	419.98	0.212	0.210	-----	-----	-----	-----	-----	-----	-----	0.210
30.60	0.205	419.98	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
30.80	0.205	419.98	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
31.00	0.204	419.97	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
31.20	0.204	419.97	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
31.40	0.203	419.97	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
31.60	0.203	419.96	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
31.80	0.202	419.96	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
32.00	0.202	419.95	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
32.20	0.201	419.95	0.212	0.209	-----	-----	-----	-----	-----	-----	-----	0.209
32.40	0.201	419.94	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
32.60	0.200	419.94	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
32.80	0.200	419.93	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
33.00	0.199	419.93	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
33.20	0.199	419.92	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
33.40	0.198	419.91	0.212	0.208	-----	-----	-----	-----	-----	-----	-----	0.208
33.60	0.198	419.91	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
33.80	0.197	419.90	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
34.00	0.197	419.89	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
34.20	0.196	419.89	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
34.40	0.195	419.88	0.212	0.207	-----	-----	-----	-----	-----	-----	-----	0.207
34.60	0.195	419.87	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
34.80	0.194	419.86	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
35.00	0.193	419.85	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
35.20	0.193	419.84	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
35.40	0.192	419.83	0.212	0.206	-----	-----	-----	-----	-----	-----	-----	0.206
35.60	0.191	419.82	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
35.80	0.191	419.81	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
36.00	0.190	419.80	0.212	0.205	-----	-----	-----	-----	-----	-----	-----	0.205
36.20	0.189	419.79	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
36.40	0.188	419.78	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
36.60	0.188	419.78	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
36.80	0.187	419.77	0.212	0.204	-----	-----	-----	-----	-----	-----	-----	0.204
37.00	0.186	419.76	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
37.20	0.185	419.75	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
37.40	0.185	419.74	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
37.60	0.184	419.73	0.212	0.203	-----	-----	-----	-----	-----	-----	-----	0.203
37.80	0.183	419.71	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
38.00	0.182	419.70	0.212	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
38.20	0.181	419.69	0.209	0.202	-----	-----	-----	-----	-----	-----	-----	0.202
38.40	0.180	419.68	0.206	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
38.60	0.179	419.67	0.202	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
38.80	0.178	419.66	0.201	0.201	-----	-----	-----	-----	-----	-----	-----	0.201
39.00	0.177	419.64	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
39.20	0.176	419.63	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
39.40	0.175	419.62	0.200	0.200	-----	-----	-----	-----	-----	-----	-----	0.200
39.60	0.174	419.60	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
39.80	0.173	419.59	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
40.00	0.172	419.57	0.199	0.199	-----	-----	-----	-----	-----	-----	-----	0.199
40.20	0.171	419.56	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
40.40	0.170	419.54	0.198	0.198	-----	-----	-----	-----	-----	-----	-----	0.198
40.60	0.168	419.52	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
40.80	0.167	419.51	0.198	0.197	-----	-----	-----	-----	-----	-----	-----	0.197
41.00	0.166	419.49	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196
41.20	0.165	419.47	0.198	0.196	-----	-----	-----	-----	-----	-----	-----	0.196

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
41.40	0.163	419.46	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
41.60	0.162	419.44	0.198	0.195	-----	-----	-----	-----	-----	-----	-----	0.195
41.80	0.161	419.42	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
42.00	0.159	419.40	0.198	0.194	-----	-----	-----	-----	-----	-----	-----	0.194
42.20	0.158	419.39	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
42.40	0.156	419.37	0.198	0.193	-----	-----	-----	-----	-----	-----	-----	0.193
42.60	0.155	419.35	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
42.80	0.153	419.33	0.198	0.192	-----	-----	-----	-----	-----	-----	-----	0.192
43.00	0.152	419.31	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
43.20	0.150	419.29	0.198	0.191	-----	-----	-----	-----	-----	-----	-----	0.191
43.40	0.148	419.27	0.198	0.190	-----	-----	-----	-----	-----	-----	-----	0.190
43.60	0.146	419.25	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
43.80	0.144	419.22	0.198	0.189	-----	-----	-----	-----	-----	-----	-----	0.189
44.00	0.142	419.20	0.198	0.188	-----	-----	-----	-----	-----	-----	-----	0.188
44.20	0.140	419.18	0.191	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
44.40	0.138	419.15	0.187	0.187	-----	-----	-----	-----	-----	-----	-----	0.187
44.60	0.136	419.13	0.186	0.186	-----	-----	-----	-----	-----	-----	-----	0.186
44.80	0.134	419.10	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
45.00	0.131	419.08	0.185	0.185	-----	-----	-----	-----	-----	-----	-----	0.185
45.20	0.129	419.05	0.184	0.184	-----	-----	-----	-----	-----	-----	-----	0.184
45.40	0.126	419.03	0.184	0.183	-----	-----	-----	-----	-----	-----	-----	0.183
45.60	0.124	419.00	0.184	0.182	-----	-----	-----	-----	-----	-----	-----	0.182
45.80	0.121	418.97	0.184	0.181	-----	-----	-----	-----	-----	-----	-----	0.181
46.00	0.118	418.94	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
46.20	0.116	418.91	0.184	0.180	-----	-----	-----	-----	-----	-----	-----	0.180
46.40	0.113	418.88	0.184	0.179	-----	-----	-----	-----	-----	-----	-----	0.179
46.60	0.110	418.85	0.184	0.178	-----	-----	-----	-----	-----	-----	-----	0.178
46.80	0.108	418.82	0.184	0.177	-----	-----	-----	-----	-----	-----	-----	0.177

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
47.00	0.105	418.78	0.184	0.176	-----	-----	-----	-----	-----	-----	-----	0.176
47.20	0.103	418.75	0.180	0.175	-----	-----	-----	-----	-----	-----	-----	0.175
47.40	0.100	418.72	0.174	0.174	-----	-----	-----	-----	-----	-----	-----	0.174
47.60	0.097	418.69	0.173	0.173	-----	-----	-----	-----	-----	-----	-----	0.173
47.80	0.094	418.65	0.172	0.172	-----	-----	-----	-----	-----	-----	-----	0.172
48.00	0.091	418.62	0.171	0.170	-----	-----	-----	-----	-----	-----	-----	0.170
48.20	0.088	418.58	0.171	0.169	-----	-----	-----	-----	-----	-----	-----	0.169
48.40	0.085	418.54	0.171	0.168	-----	-----	-----	-----	-----	-----	-----	0.168
48.60	0.082	418.51	0.171	0.167	-----	-----	-----	-----	-----	-----	-----	0.167
48.80	0.079	418.47	0.171	0.166	-----	-----	-----	-----	-----	-----	-----	0.166
49.00	0.076	418.43	0.171	0.164	-----	-----	-----	-----	-----	-----	-----	0.164
49.20	0.070	418.39	0.169	0.163	-----	-----	-----	-----	-----	-----	-----	0.163
49.40	0.064	418.35	0.162	0.162	-----	-----	-----	-----	-----	-----	-----	0.162
49.60	0.059	418.31	0.160	0.160	-----	-----	-----	-----	-----	-----	-----	0.160
49.80	0.053	418.26	0.159	0.159	-----	-----	-----	-----	-----	-----	-----	0.159
50.00	0.048	418.21	0.159	0.157	-----	-----	-----	-----	-----	-----	-----	0.157
50.20	0.043	418.17	0.159	0.155	-----	-----	-----	-----	-----	-----	-----	0.155
50.40	0.037	418.12	0.159	0.154	-----	-----	-----	-----	-----	-----	-----	0.154
50.60	0.031	418.07	0.159	0.152	-----	-----	-----	-----	-----	-----	-----	0.152
50.80	0.025	418.02	0.150	0.150	-----	-----	-----	-----	-----	-----	-----	0.150
51.00	0.019	417.96	0.148	0.148	-----	-----	-----	-----	-----	-----	-----	0.148
51.20	0.015	417.91	0.148	0.146	-----	-----	-----	-----	-----	-----	-----	0.146
51.40	0.011	417.85	0.148	0.144	-----	-----	-----	-----	-----	-----	-----	0.144
51.60	0.009	417.80	0.148	0.142	-----	-----	-----	-----	-----	-----	-----	0.142
51.80	0.007	417.74	0.141	0.140	-----	-----	-----	-----	-----	-----	-----	0.140
52.00	0.006	417.69	0.138	0.138	-----	-----	-----	-----	-----	-----	-----	0.138
52.20	0.005	417.63	0.137	0.136	-----	-----	-----	-----	-----	-----	-----	0.136
52.40	0.004	417.58	0.137	0.134	-----	-----	-----	-----	-----	-----	-----	0.134

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SSDEDB #24 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
52.60	0.004	417.53	0.137	0.131	-----	-----	-----	-----	-----	-----	-----	0.131
52.80	0.003	417.48	0.131	0.129	-----	-----	-----	-----	-----	-----	-----	0.129
53.00	0.003	417.42	0.127	0.127	-----	-----	-----	-----	-----	-----	-----	0.127
53.20	0.002	417.38	0.126	0.125	-----	-----	-----	-----	-----	-----	-----	0.125
53.40	0.002	417.33	0.126	0.123	-----	-----	-----	-----	-----	-----	-----	0.123
53.60	0.002	417.28	0.126	0.121	-----	-----	-----	-----	-----	-----	-----	0.121
53.80	0.002	417.23	0.119	0.119	-----	-----	-----	-----	-----	-----	-----	0.119
54.00	0.002	417.18	0.117	0.117	-----	-----	-----	-----	-----	-----	-----	0.117
54.20	0.001	417.14	0.117	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
54.40	0.001	417.09	0.117	0.112	-----	-----	-----	-----	-----	-----	-----	0.112
54.60	0.001	417.05	0.113	0.110	-----	-----	-----	-----	-----	-----	-----	0.110
54.80	0.001	417.01	0.108	0.108	-----	-----	-----	-----	-----	-----	-----	0.108
55.00	0.001	416.97	0.107	0.106	-----	-----	-----	-----	-----	-----	-----	0.106
55.20	0.001	416.93	0.107	0.104	-----	-----	-----	-----	-----	-----	-----	0.104
55.40	0.001	416.88	0.107	0.102	-----	-----	-----	-----	-----	-----	-----	0.102
55.60	0.000	416.85	0.102	0.100	-----	-----	-----	-----	-----	-----	-----	0.100
55.80	0.000	416.81	0.099	0.098	-----	-----	-----	-----	-----	-----	-----	0.098
56.00	0.000	416.76	0.099	0.095	-----	-----	-----	-----	-----	-----	-----	0.095
56.20	0.000	416.72	0.096	0.093	-----	-----	-----	-----	-----	-----	-----	0.093
56.40	0.000	416.68	0.091	0.091	-----	-----	-----	-----	-----	-----	-----	0.091
56.60	0.000	416.64	0.090	0.088	-----	-----	-----	-----	-----	-----	-----	0.088
56.80	0.000	416.60	0.090	0.086	-----	-----	-----	-----	-----	-----	-----	0.086
57.00	0.000	416.56	0.084	0.084	-----	-----	-----	-----	-----	-----	-----	0.084

...End

Hydrograph Report

Hydraflow Hydrographs Extension for AutoCAD® Civil 3D® 2016 by Autodesk, Inc. v10.5 Friday, 01 / 6 / 2017

Hyd. No. 16

SSDEDB #25 Out

Hydrograph type	= Reservoir	Peak discharge	= 11.35 cfs
Storm frequency	= 100 yrs	Time to peak	= 12.00 hrs
Time interval	= 2 min	Hyd. volume	= 69,603 cuft
Inflow hyd. No.	= 15 - SSDEDB #24 Out - SSDEDB #25 In	Reservoir name	= SSDEDB #25
Max. Elevation	= 410.74 ft	Max. Storage	= 5,035 cuft

Storage Indication method used.

Hydrograph Discharge Table

(Printed values >= 1.00% of Qp. Print interval = 6)

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
12.00	10.67	410.67 <<	11.35	0.107	-----	-----	11.24	-----	-----	-----	-----	11.35
<<												
12.20	8.777	410.42	8.625	0.111	-----	-----	8.479	-----	-----	-----	-----	8.591
12.40	4.085	409.99	4.395	0.115	-----	-----	4.237	-----	-----	-----	-----	4.352
12.60	2.680	409.79	2.785	0.115	-----	-----	2.670	-----	-----	-----	-----	2.785
12.80	2.120	409.71	2.224	0.115	-----	-----	2.058	-----	-----	-----	-----	2.174
13.00	1.800	409.66	1.847	0.115	-----	-----	1.722	-----	-----	-----	-----	1.837
13.20	1.579	409.62	1.629	0.115	-----	-----	1.495	-----	-----	-----	-----	1.610
13.40	1.416	409.59	1.451	0.115	-----	-----	1.326	-----	-----	-----	-----	1.442
13.60	1.277	409.57	1.335	0.115	-----	-----	1.184	-----	-----	-----	-----	1.300
13.80	1.163	409.54	1.204	0.115	-----	-----	1.068	-----	-----	-----	-----	1.183
14.00	1.060	409.53	1.089	0.115	-----	-----	0.964	-----	-----	-----	-----	1.079
14.20	0.979	409.51	0.996	0.115	-----	-----	0.877	-----	-----	-----	-----	0.992
14.40	0.924	409.50	0.935	0.115	-----	-----	0.819	-----	-----	-----	-----	0.934
14.60	0.885	409.49	0.893	0.115	-----	-----	0.777	-----	-----	-----	-----	0.892
14.80	0.850	409.48	0.858	0.115	-----	-----	0.742	-----	-----	-----	-----	0.857
15.00	0.817	409.47	0.824	0.115	-----	-----	0.708	-----	-----	-----	-----	0.824
15.20	0.783	409.47	0.790	0.115	-----	-----	0.675	-----	-----	-----	-----	0.790
15.40	0.749	409.46	0.757	0.115	-----	-----	0.641	-----	-----	-----	-----	0.756
15.60	0.714	409.45	0.723	0.115	-----	-----	0.606	-----	-----	-----	-----	0.722
15.80	0.679	409.44	0.689	0.115	-----	-----	0.571	-----	-----	-----	-----	0.687

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
16.00	0.645	409.44	0.656	0.115	-----	-----	0.537	-----	-----	-----	-----	0.653
16.20	0.618	409.43	0.629	0.115	-----	-----	0.508	-----	-----	-----	-----	0.624
16.40	0.598	409.42	0.610	0.115	-----	-----	0.487	-----	-----	-----	-----	0.603
16.60	0.581	409.42	0.593	0.115	-----	-----	0.470	-----	-----	-----	-----	0.585
16.80	0.567	409.42	0.579	0.115	-----	-----	0.455	-----	-----	-----	-----	0.570
17.00	0.553	409.41	0.567	0.115	-----	-----	0.441	-----	-----	-----	-----	0.556
17.20	0.541	409.41	0.555	0.115	-----	-----	0.428	-----	-----	-----	-----	0.544
17.40	0.529	409.41	0.544	0.115	-----	-----	0.416	-----	-----	-----	-----	0.532
17.60	0.519	409.40	0.535	0.115	-----	-----	0.406	-----	-----	-----	-----	0.522
17.80	0.509	409.40	0.526	0.115	-----	-----	0.396	-----	-----	-----	-----	0.511
18.00	0.498	409.40	0.516	0.115	-----	-----	0.385	-----	-----	-----	-----	0.501
18.20	0.488	409.40	0.504	0.115	-----	-----	0.375	-----	-----	-----	-----	0.491
18.40	0.478	409.39	0.493	0.115	-----	-----	0.365	-----	-----	-----	-----	0.481
18.60	0.470	409.39	0.484	0.115	-----	-----	0.357	-----	-----	-----	-----	0.472
18.80	0.462	409.39	0.475	0.115	-----	-----	0.349	-----	-----	-----	-----	0.464
19.00	0.454	409.39	0.466	0.115	-----	-----	0.341	-----	-----	-----	-----	0.456
19.20	0.446	409.39	0.457	0.115	-----	-----	0.333	-----	-----	-----	-----	0.448
19.40	0.438	409.38	0.448	0.115	-----	-----	0.324	-----	-----	-----	-----	0.440
19.60	0.429	409.38	0.438	0.115	-----	-----	0.316	-----	-----	-----	-----	0.432
19.80	0.421	409.38	0.429	0.116	-----	-----	0.308	-----	-----	-----	-----	0.423
20.00	0.413	409.38	0.419	0.116	-----	-----	0.299	-----	-----	-----	-----	0.415
20.20	0.406	409.37	0.411	0.116	-----	-----	0.292	-----	-----	-----	-----	0.408
20.40	0.402	409.37	0.406	0.116	-----	-----	0.288	-----	-----	-----	-----	0.403
20.60	0.400	409.37	0.403	0.116	-----	-----	0.285	-----	-----	-----	-----	0.400
20.80	0.397	409.37	0.400	0.116	-----	-----	0.282	-----	-----	-----	-----	0.398
21.00	0.395	409.37	0.397	0.116	-----	-----	0.280	-----	-----	-----	-----	0.395
21.20	0.392	409.37	0.395	0.116	-----	-----	0.278	-----	-----	-----	-----	0.393
21.40	0.390	409.37	0.392	0.116	-----	-----	0.275	-----	-----	-----	-----	0.391

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
21.60	0.388	409.37	0.390	0.116	-----	-----	0.273	-----	-----	-----	-----	0.388
21.80	0.385	409.37	0.387	0.116	-----	-----	0.271	-----	-----	-----	-----	0.386
22.00	0.383	409.37	0.384	0.116	-----	-----	0.268	-----	-----	-----	-----	0.384
22.20	0.381	409.37	0.382	0.116	-----	-----	0.266	-----	-----	-----	-----	0.381
22.40	0.378	409.37	0.379	0.116	-----	-----	0.263	-----	-----	-----	-----	0.379
22.60	0.376	409.37	0.377	0.116	-----	-----	0.261	-----	-----	-----	-----	0.377
22.80	0.374	409.36	0.375	0.116	-----	-----	0.259	-----	-----	-----	-----	0.374
23.00	0.371	409.36	0.373	0.116	-----	-----	0.257	-----	-----	-----	-----	0.372
23.20	0.369	409.36	0.371	0.116	-----	-----	0.254	-----	-----	-----	-----	0.370
23.40	0.367	409.36	0.369	0.116	-----	-----	0.252	-----	-----	-----	-----	0.367
23.60	0.364	409.36	0.368	0.116	-----	-----	0.250	-----	-----	-----	-----	0.365
23.80	0.362	409.36	0.366	0.116	-----	-----	0.247	-----	-----	-----	-----	0.363
24.00	0.360	409.36	0.364	0.116	-----	-----	0.245	-----	-----	-----	-----	0.361
24.20	0.270	409.34	0.308	0.116	-----	-----	0.177	-----	-----	-----	-----	0.293
24.40	0.241	409.32	0.266	0.116	-----	-----	0.134	-----	-----	-----	-----	0.250
24.60	0.228	409.32	0.248	0.116	-----	-----	0.117	-----	-----	-----	-----	0.233
24.80	0.220	409.31	0.237	0.116	-----	-----	0.107	-----	-----	-----	-----	0.223
25.00	0.216	409.31	0.231	0.116	-----	-----	0.102	-----	-----	-----	-----	0.217
25.20	0.214	409.31	0.228	0.116	-----	-----	0.099	-----	-----	-----	-----	0.215
25.40	0.213	409.31	0.227	0.116	-----	-----	0.098	-----	-----	-----	-----	0.213
25.60	0.213	409.31	0.227	0.116	-----	-----	0.097	-----	-----	-----	-----	0.213
25.80	0.212	409.31	0.226	0.116	-----	-----	0.097	-----	-----	-----	-----	0.213
26.00	0.212	409.31	0.226	0.116	-----	-----	0.097	-----	-----	-----	-----	0.212
26.20	0.212	409.31	0.226	0.116	-----	-----	0.097	-----	-----	-----	-----	0.212
26.40	0.212	409.31	0.226	0.116	-----	-----	0.097	-----	-----	-----	-----	0.212
26.60	0.212	409.31	0.226	0.116	-----	-----	0.096	-----	-----	-----	-----	0.212
26.80	0.212	409.31	0.226	0.116	-----	-----	0.096	-----	-----	-----	-----	0.212
27.00	0.212	409.31	0.225	0.116	-----	-----	0.096	-----	-----	-----	-----	0.212

Continues on next page...

SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
27.20	0.211	409.31	0.225	0.116	-----	-----	0.096	-----	-----	-----	-----	0.211
27.40	0.211	409.31	0.225	0.116	-----	-----	0.096	-----	-----	-----	-----	0.211
27.60	0.211	409.31	0.225	0.116	-----	-----	0.095	-----	-----	-----	-----	0.211
27.80	0.211	409.31	0.224	0.116	-----	-----	0.095	-----	-----	-----	-----	0.211
28.00	0.210	409.31	0.224	0.116	-----	-----	0.095	-----	-----	-----	-----	0.211
28.20	0.210	409.31	0.224	0.116	-----	-----	0.095	-----	-----	-----	-----	0.210
28.40	0.210	409.31	0.224	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
28.60	0.210	409.31	0.224	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
28.80	0.210	409.31	0.224	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
29.00	0.210	409.31	0.224	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
29.20	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
29.40	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
29.60	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
29.80	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
30.00	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
30.20	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
30.40	0.210	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.210
30.60	0.209	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.209
30.80	0.209	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.209
31.00	0.209	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.209
31.20	0.209	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.209
31.40	0.209	409.31	0.223	0.116	-----	-----	0.094	-----	-----	-----	-----	0.209
31.60	0.209	409.31	0.223	0.116	-----	-----	0.093	-----	-----	-----	-----	0.209
31.80	0.209	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.209
32.00	0.209	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.209
32.20	0.209	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.209
32.40	0.208	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.209
32.60	0.208	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.208

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
32.80	0.208	409.31	0.222	0.116	-----	-----	0.093	-----	-----	-----	-----	0.208
33.00	0.208	409.31	0.222	0.116	-----	-----	0.092	-----	-----	-----	-----	0.208
33.20	0.208	409.31	0.221	0.116	-----	-----	0.092	-----	-----	-----	-----	0.208
33.40	0.208	409.31	0.221	0.116	-----	-----	0.092	-----	-----	-----	-----	0.208
33.60	0.207	409.31	0.221	0.116	-----	-----	0.092	-----	-----	-----	-----	0.208
33.80	0.207	409.31	0.221	0.116	-----	-----	0.092	-----	-----	-----	-----	0.207
34.00	0.207	409.31	0.221	0.116	-----	-----	0.092	-----	-----	-----	-----	0.207
34.20	0.207	409.31	0.220	0.116	-----	-----	0.091	-----	-----	-----	-----	0.207
34.40	0.207	409.31	0.220	0.116	-----	-----	0.091	-----	-----	-----	-----	0.207
34.60	0.206	409.31	0.220	0.116	-----	-----	0.091	-----	-----	-----	-----	0.207
34.80	0.206	409.31	0.220	0.116	-----	-----	0.091	-----	-----	-----	-----	0.206
35.00	0.206	409.31	0.219	0.116	-----	-----	0.091	-----	-----	-----	-----	0.206
35.20	0.206	409.31	0.219	0.116	-----	-----	0.090	-----	-----	-----	-----	0.206
35.40	0.206	409.31	0.219	0.116	-----	-----	0.090	-----	-----	-----	-----	0.206
35.60	0.205	409.31	0.219	0.116	-----	-----	0.090	-----	-----	-----	-----	0.205
35.80	0.205	409.31	0.218	0.116	-----	-----	0.090	-----	-----	-----	-----	0.205
36.00	0.205	409.31	0.218	0.116	-----	-----	0.089	-----	-----	-----	-----	0.205
36.20	0.204	409.31	0.218	0.116	-----	-----	0.089	-----	-----	-----	-----	0.205
36.40	0.204	409.31	0.218	0.116	-----	-----	0.089	-----	-----	-----	-----	0.204
36.60	0.204	409.31	0.217	0.116	-----	-----	0.088	-----	-----	-----	-----	0.204
36.80	0.204	409.31	0.217	0.116	-----	-----	0.088	-----	-----	-----	-----	0.204
37.00	0.203	409.31	0.217	0.116	-----	-----	0.088	-----	-----	-----	-----	0.204
37.20	0.203	409.31	0.216	0.116	-----	-----	0.088	-----	-----	-----	-----	0.203
37.40	0.203	409.31	0.216	0.116	-----	-----	0.087	-----	-----	-----	-----	0.203
37.60	0.203	409.30	0.216	0.116	-----	-----	0.087	-----	-----	-----	-----	0.203
37.80	0.202	409.30	0.216	0.116	-----	-----	0.087	-----	-----	-----	-----	0.202
38.00	0.202	409.30	0.215	0.116	-----	-----	0.087	-----	-----	-----	-----	0.202
38.20	0.202	409.30	0.215	0.116	-----	-----	0.086	-----	-----	-----	-----	0.202

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
38.40	0.201	409.30	0.215	0.116	-----	-----	0.086	-----	-----	-----	-----	0.202
38.60	0.201	409.30	0.214	0.116	-----	-----	0.086	-----	-----	-----	-----	0.201
38.80	0.201	409.30	0.214	0.116	-----	-----	0.085	-----	-----	-----	-----	0.201
39.00	0.200	409.30	0.214	0.116	-----	-----	0.085	-----	-----	-----	-----	0.201
39.20	0.200	409.30	0.213	0.116	-----	-----	0.085	-----	-----	-----	-----	0.200
39.40	0.200	409.30	0.213	0.116	-----	-----	0.084	-----	-----	-----	-----	0.200
39.60	0.199	409.30	0.212	0.116	-----	-----	0.084	-----	-----	-----	-----	0.199
39.80	0.199	409.30	0.212	0.116	-----	-----	0.083	-----	-----	-----	-----	0.199
40.00	0.199	409.30	0.212	0.116	-----	-----	0.083	-----	-----	-----	-----	0.199
40.20	0.198	409.30	0.211	0.116	-----	-----	0.083	-----	-----	-----	-----	0.198
40.40	0.198	409.30	0.211	0.116	-----	-----	0.082	-----	-----	-----	-----	0.198
40.60	0.197	409.30	0.210	0.116	-----	-----	0.082	-----	-----	-----	-----	0.197
40.80	0.197	409.30	0.210	0.116	-----	-----	0.081	-----	-----	-----	-----	0.197
41.00	0.196	409.30	0.209	0.116	-----	-----	0.081	-----	-----	-----	-----	0.196
41.20	0.196	409.30	0.209	0.116	-----	-----	0.080	-----	-----	-----	-----	0.196
41.40	0.195	409.30	0.208	0.116	-----	-----	0.080	-----	-----	-----	-----	0.196
41.60	0.195	409.30	0.208	0.116	-----	-----	0.079	-----	-----	-----	-----	0.195
41.80	0.194	409.30	0.207	0.116	-----	-----	0.079	-----	-----	-----	-----	0.195
42.00	0.194	409.30	0.207	0.116	-----	-----	0.078	-----	-----	-----	-----	0.194
42.20	0.193	409.30	0.206	0.116	-----	-----	0.078	-----	-----	-----	-----	0.194
42.40	0.193	409.30	0.205	0.116	-----	-----	0.077	-----	-----	-----	-----	0.193
42.60	0.192	409.30	0.205	0.116	-----	-----	0.077	-----	-----	-----	-----	0.193
42.80	0.192	409.30	0.204	0.116	-----	-----	0.076	-----	-----	-----	-----	0.192
43.00	0.191	409.30	0.204	0.116	-----	-----	0.076	-----	-----	-----	-----	0.191
43.20	0.191	409.30	0.203	0.116	-----	-----	0.075	-----	-----	-----	-----	0.191
43.40	0.190	409.30	0.202	0.116	-----	-----	0.075	-----	-----	-----	-----	0.190
43.60	0.189	409.30	0.202	0.116	-----	-----	0.074	-----	-----	-----	-----	0.190
43.80	0.189	409.30	0.201	0.116	-----	-----	0.073	-----	-----	-----	-----	0.189

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
44.00	0.188	409.30	0.201	0.116	-----	-----	0.073	-----	-----	-----	-----	0.188
44.20	0.187	409.30	0.200	0.116	-----	-----	0.072	-----	-----	-----	-----	0.188
44.40	0.187	409.30	0.199	0.116	-----	-----	0.072	-----	-----	-----	-----	0.187
44.60	0.186	409.30	0.198	0.116	-----	-----	0.071	-----	-----	-----	-----	0.186
44.80	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.186
45.00	0.185	409.30	0.197	0.116	-----	-----	0.070	-----	-----	-----	-----	0.185
45.20	0.184	409.30	0.196	0.116	-----	-----	0.069	-----	-----	-----	-----	0.184
45.40	0.183	409.30	0.195	0.116	-----	-----	0.068	-----	-----	-----	-----	0.184
45.60	0.182	409.30	0.194	0.116	-----	-----	0.067	-----	-----	-----	-----	0.183
45.80	0.181	409.30	0.193	0.116	-----	-----	0.066	-----	-----	-----	-----	0.182
46.00	0.180	409.30	0.192	0.116	-----	-----	0.066	-----	-----	-----	-----	0.181
46.20	0.180	409.29	0.191	0.116	-----	-----	0.065	-----	-----	-----	-----	0.180
46.40	0.179	409.29	0.190	0.116	-----	-----	0.064	-----	-----	-----	-----	0.179
46.60	0.178	409.29	0.189	0.116	-----	-----	0.063	-----	-----	-----	-----	0.178
46.80	0.177	409.29	0.188	0.116	-----	-----	0.062	-----	-----	-----	-----	0.177
47.00	0.176	409.29	0.187	0.116	-----	-----	0.061	-----	-----	-----	-----	0.176
47.20	0.175	409.29	0.185	0.116	-----	-----	0.060	-----	-----	-----	-----	0.175
47.40	0.174	409.29	0.184	0.116	-----	-----	0.059	-----	-----	-----	-----	0.174
47.60	0.173	409.29	0.183	0.116	-----	-----	0.058	-----	-----	-----	-----	0.173
47.80	0.172	409.29	0.182	0.116	-----	-----	0.057	-----	-----	-----	-----	0.172
48.00	0.170	409.29	0.181	0.116	-----	-----	0.056	-----	-----	-----	-----	0.171
48.20	0.169	409.29	0.179	0.116	-----	-----	0.054	-----	-----	-----	-----	0.170
48.40	0.168	409.29	0.178	0.116	-----	-----	0.053	-----	-----	-----	-----	0.169
48.60	0.167	409.29	0.177	0.116	-----	-----	0.052	-----	-----	-----	-----	0.168
48.80	0.166	409.29	0.175	0.116	-----	-----	0.051	-----	-----	-----	-----	0.166
49.00	0.164	409.29	0.174	0.116	-----	-----	0.050	-----	-----	-----	-----	0.165
49.20	0.163	409.29	0.172	0.116	-----	-----	0.048	-----	-----	-----	-----	0.164
49.40	0.162	409.28	0.171	0.116	-----	-----	0.047	-----	-----	-----	-----	0.163

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
49.60	0.160	409.28	0.169	0.116	-----	-----	0.046	-----	-----	-----	-----	0.161
49.80	0.159	409.28	0.168	0.116	-----	-----	0.044	-----	-----	-----	-----	0.160
50.00	0.157	409.28	0.166	0.116	-----	-----	0.043	-----	-----	-----	-----	0.158
50.20	0.155	409.28	0.164	0.116	-----	-----	0.041	-----	-----	-----	-----	0.157
50.40	0.154	409.28	0.162	0.116	-----	-----	0.039	-----	-----	-----	-----	0.155
50.60	0.152	409.28	0.160	0.116	-----	-----	0.038	-----	-----	-----	-----	0.153
50.80	0.150	409.28	0.158	0.116	-----	-----	0.036	-----	-----	-----	-----	0.151
51.00	0.148	409.28	0.156	0.116	-----	-----	0.034	-----	-----	-----	-----	0.149
51.20	0.146	409.28	0.154	0.116	-----	-----	0.032	-----	-----	-----	-----	0.148
51.40	0.144	409.28	0.151	0.116	-----	-----	0.030	-----	-----	-----	-----	0.146
51.60	0.142	409.27	0.149	0.116	-----	-----	0.028	-----	-----	-----	-----	0.143
51.80	0.140	409.27	0.146	0.116	-----	-----	0.026	-----	-----	-----	-----	0.141
52.00	0.138	409.27	0.144	0.116	-----	-----	0.024	-----	-----	-----	-----	0.139
52.20	0.136	409.27	0.142	0.116	-----	-----	0.022	-----	-----	-----	-----	0.137
52.40	0.134	409.27	0.139	0.116	-----	-----	0.019	-----	-----	-----	-----	0.135
52.60	0.131	409.27	0.137	0.116	-----	-----	0.017	-----	-----	-----	-----	0.133
52.80	0.129	409.27	0.134	0.116	-----	-----	0.015	-----	-----	-----	-----	0.131
53.00	0.127	409.27	0.132	0.116	-----	-----	0.014	-----	-----	-----	-----	0.129
53.20	0.125	409.26	0.131	0.116	-----	-----	0.013	-----	-----	-----	-----	0.128
53.40	0.123	409.26	0.130	0.116	-----	-----	0.011	-----	-----	-----	-----	0.127
53.60	0.121	409.26	0.129	0.115	-----	-----	0.010	-----	-----	-----	-----	0.125
53.80	0.119	409.25	0.127	0.115	-----	-----	0.008	-----	-----	-----	-----	0.124
54.00	0.117	409.25	0.125	0.115	-----	-----	0.007	-----	-----	-----	-----	0.122
54.20	0.114	409.24	0.123	0.115	-----	-----	0.005	-----	-----	-----	-----	0.120
54.40	0.112	409.24	0.121	0.115	-----	-----	0.003	-----	-----	-----	-----	0.118
54.60	0.110	409.24	0.119	0.115	-----	-----	0.001	-----	-----	-----	-----	0.116
54.80	0.108	409.23	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
55.00	0.106	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115

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SSDEDB #25 Out

Hydrograph Discharge Table

Time (hrs)	Inflow cfs	Elevation ft	Clv A cfs	Clv B cfs	Clv C cfs	PfRsr cfs	Wr A cfs	Wr B cfs	Wr C cfs	Wr D cfs	Exfil cfs	Outflow cfs
55.20	0.104	409.22	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
55.40	0.102	409.21	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
55.60	0.100	409.19	0.118	0.115	-----	-----	-----	-----	-----	-----	-----	0.115
55.80	0.098	409.18	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
56.00	0.095	409.17	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
56.20	0.093	409.15	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114
56.40	0.091	409.13	0.118	0.114	-----	-----	-----	-----	-----	-----	-----	0.114

...End

SECTION 6

ENVIRONMENTAL® STANDARDS

Setting the Standards for Innovative Environmental Solutions

January 3, 2017

Mr. Guy Wolfington, Jr.
Regional Development Manager
Constitution Drive Partners
2701 Renaissance Blvd. – 4th Floor
King of Prussia, PA 19406

RE: Opinion on Stormwater Infiltration
Former Bishop Tube Facility
1 Malin Road
Malvern, Pennsylvania

Dear Mr. Wolfington:

At your request, Environmental Standards, Inc. (Environmental Standards), has prepared this correspondence to provide our professional opinion regarding infiltration as a means of stormwater management at the 23.17 acre property located along Malin Road, and which includes the former Bishop Tube property located at 1 Malin Road in Malvern, Chester County, Pennsylvania (collectively the "Site").

Background

The Site is located along Malin Road in Malvern, Chester County, Pennsylvania (Figure 1). The Property is comprised of approximately 23.17 acres in a mixed industrial, commercial, and residential part of East Whiteland Township. The former Bishop Tube portion of the Site (13.7 acres) is occupied by a 146,099 square foot abandoned manufacturing facility, which has been closed since 1999. The manufacturing facility consists of two connected large rectangular buildings, Building #5 and Building #8. The buildings are in various states of disrepair. The remainder of the Site consists mainly of paved and gravel parking/storage areas with some undeveloped grassy areas, as well as approximately10 acres of sloping wooded area south of the existing buildings that extends to an Amtrak line.

The Site is bordered to the north by a rail line. A strip mall on Lancaster Avenue is located north of the rail line. The Site is bordered on the west by Malin Road. On the opposite side of Malin Road is a bulk petroleum storage facility, owned and operated by Buckeye Partners, L.P. A tributary of Little Valley Creek, a designated Exceptional Value Stream, borders the Site to the east. East of this tributary is a residential neighborhood (General Warren Village). Elevation of the Site increases from north to south, ranging from a topographic low of 375 feet above mean sea level (msl) in the northeastern corner of the Site to a topographic high of 520 feet msl in the southwestern corner of the Site.

1140 Valley Forge Road P.O. Box 810 Valley Forge, PA 19482 Tel: 610.935.5577 Fax: 610.935.5583 Web: www.envstd.com

Site Geology

The Site is located in the Piedmont Physiographic Province and is underlain by rocks that are folded, faulted, and metamorphosed. Geographically, the Site is located primarily within the northeast-southwest trending Chester Valley. The Chester Valley is predominantly underlain by less resistant carbonate rocks and is bounded by more resistant upland areas to the north and south. Previous site investigation activities by Earth Engineering identified that the Site is primarily underlain by the Octoraro Formation, which consists of metamorphic phyllite and schist.

Environmental Summary

Environmental investigations conducted at the Site beginning in the 1980s identified impacts from the historical manufacturing operations. Most prominently, soil and groundwater samples have exhibited elevated concentrations of the chlorinated solvent trichloroethylene ("TCE") and its breakdown products. Additionally, 1,1,1-trichloroethane ("1,1,1-TCA") and tetrachloroethylene ("PCE") have been identified on site. The chlorinated solvent impacts are presumed to be associated with degreasing agents historically used at the plant and are primarily located in three areas of concern (AOCs) including a former vapor degreaser area beneath Building #8, a second former degreaser area beneath Building #5, and a former exterior drum storage area immediately south of Building #8 and east of Building #5. More recent groundwater characterization activities have identified a plume of dissolved-phase TCE in the bedrock aquifer extending from beneath the Site to the northeast, extending north of Business Route 30.

Evaluation of Stormwater Infiltration

The Site is currently in the planning stages for residential use redevelopment. The proposed redevelopment will consist of a townhome community. As part of the redevelopment, design for post-construction management of storm water is a key element. Chapter 102 of the Pennsylvania rules and associated best management practices (BMPs) encourage infiltration to permanently remove stormwater runoff as well as manage stormwater runoff volume and peak stormwater flows.

Environmental Standards evaluated the feasibility of utilizing stormwater infiltration at the Site. A particular area of concern was evaluating the potential impact stormwater infiltration could have on the known groundwater plume beneath and northeast of the Site. Environmental Standards reviewed three key hydrogeologic factors during this evaluation: 1) groundwater elevation data and flow direction; 2) the underlying geology, and 3) topographic location of the contaminant mass. Each of these factors plays a key role in understanding the potential impact stormwater infiltration could have on the aquifer and the associated site impacts at the local and sub-regional scale.

Groundwater Elevation Data and Flow Direction
Groundwater elevation and groundwater flow direction on the former Bishop Tube portion of the Site have been thoroughly documented at the Site over the past 20+ years by several consulting engineering companies and the PA DEP. Baker (early 2000s) on behalf of the PA DEP and Roux Associates (2010+) documented that groundwater flow in the overburden and bedrock flows to the north-northeast. This general groundwater flow direction is primarily

responsible for the Site's VOC plume geometry and migration patterns offsite to the north-northeast. As expected, absent anthropogenic influences, groundwater in this area tends to be a subtle expression of topography; viz. groundwater flows from areas of higher elevation to areas of lower elevation.

Underlying Geology
Depth to bedrock is highly variable across the site and ranges from eight feet below ground surface (BGS) in the northern part of the Site to 34 feet BGS in the southern parts of the Site. The geology beneath the site (discussed above) is predominantly the Octoraro Formation, which consists of metamorphic phyllite and schist. North of the site, in the Chester Valley, is the Conestoga Formation, which consists of impure limestone.

The movement of groundwater through the Octoraro Formation generally consists of diffuse flow through a porous medium and through secondary porosity created by fractures. According to the Engineering Characteristics of the Rocks of Pennsylvania (1982), the fractured/weathered zone at the top of the bedrock provides the greatest porosity and permeability. Topography is the primary factor governing groundwater flow toward, and beneath, the existing buildings. This influence is observed in the relatively steep gradient of the aquifer in this area of the Site (0.06 feet/foot for the overburden aquifer and 0.07 feet/foot for the bedrock aquifer).

In contrast to the Octoraro Formation, the movement of groundwater in the Conestoga Formation (north of the Site) is mainly governed by secondary porosity from open, weathered joints and solution channels. According to the Engineering Characteristics of the Rocks of Pennsylvania groundwater yield and flow in the Conestoga formation can vary greatly due to the presence or absence of the weathered joints and solution channels.

Topographic Location of Contaminant Mass
The major sources of contamination at the Site are located either within the footprint, or adjacent to, the existing buildings. The existing buildings are located at lower Site elevations. Groundwater flow beneath the southern portions of the site flows north, beneath the existing buildings, and continues under Business Route 30 to the northeast.

Likely Stormwater Infiltration Impacts

Currently, the proposed development is designed to be located within the footprint of the existing buildings and extend up the hillside to the south. Based on this information, potential infiltration areas at the Site must be placed either immediately adjacent to VOC source areas and the most highly impacted groundwater on-site, or hydraulically and topographically upgradient of the soil and groundwater impacted areas.

At present, the Site does not use infiltration as a means of stormwater management. Stormwater is currently allowed to run across the site and, to a small degree, vertically infiltrate into soils, the vast majority of Site stormwater currently leaves the site via runoff over-land to a small ditch at the northern property perimeter, or to a minor extent, into the tributary of Little Valley Creek adjacent to the property's eastern boundary.

The installation of infiltration galleries for a means of stormwater management is substantially different from the way stormwater has been historically conveyed from the property (Building 5 was constructed in 1950; more than 65 years ago). Gallery construction will create localized

and artificial "injection" areas of stormwater into the Site's soil overburden, flushing soils and necessarily modifying the Site's long-established underlying groundwater flow system to a substantial degree.

Stormwater infiltration as proposed will result in localized groundwater mounds, features which at present do not exist. These groundwater mounds will, in turn, result in an increase in the hydraulic gradient to the north/northeast. The increased hydraulic gradient from the groundwater mounds will tend to increase the rate of groundwater movement to the north, and in turn, potentially increase the rate of the groundwater VOC plume movement to the north/northeast.

In addition, increased infiltration at the Site will likely adversely impact (over the long term) the Conestoga Formation. The carbonates north of the Site will be subjected to increased chemical weathering, more likely than not creating larger secondary pores (increasing fracture sizes) resulting in an increase in VOC flux from the source area, into the aquifer and eventually to downgradient discharge points.

Summary

Based on the extensive data that has been reviewed, it is the author's opinion that infiltration as a means of stormwater management at the Site is an unacceptable risk. Infiltration has the real potential to exacerbate the offsite migration of dissolved-phase VOCs in groundwater to the north/northeast. The resultant impacts of infiltration, regardless of placement location, may well include increased VOC discharges to Little Valley Creek or its tributaries, and unwanted changes in groundwater flow direction and volume.

After evaluating site-specific circumstances, historical conditions and site risks, it is recommended that stormwater infiltration (other than the small degree of vertical infiltration consistent with current conditions) not be used as a means of stormwater management at the Site.

We appreciate this opportunity to provide environmental consulting services for the former Bishop Tube site. If you should have any questions or comments, please feel free to contact me at 610-935-5577 ext. 512.

Respectfully,

Stephen D. Brower

Stephen D. Brower, P.G.
Director of Geosciences/
Principal

SDB:cg

1. PROJECT INFORMATION

Project Name: **Malin Road Updated PNDI**
Date of review: **5/5/2015 3:52:30 PM**
Project Category: **Development,Residential,Subdivision containing more than 2 lots and/or 2 single-family units**
Project Area: **24.7** acres
County: **Chester** Township/Municipality: **East Whiteland**
Quadrangle Name: **MALVERN** ~ ZIP Code: **19355**
Decimal Degrees: **40.039057 N, -75.535979 W**
Degrees Minutes Seconds: **40° 2' 20.6" N, -75° 32' 9.5" W**

2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

Note that regardless of PNDI search results, projects requiring a Chapter 105 DEP individual permit or GP 5, 6, 7, 8, 9 or 11 in certain counties (Adams, Berks, Bucks, Carbon, Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill and York) must comply with the bog turtle habitat screening requirements of the PASPGP.

3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for two years** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jursidictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

PA Game Commission

RESPONSE: No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Department of Conservation and Natural Resources

RESPONSE: No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

PA Fish and Boat Commission

RESPONSE: No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

U.S. Fish and Wildlife Service

RESPONSE: No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.* is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. For cases where a "Potential Impact" to threatened and endangered species has been identified before the application has been submitted to DEP, the application should not be submitted until the impact has been resolved. For cases where "Potential Impact" to special

concern species and resources has been identified before the application has been submitted, the application should be submitted to DEP along with the PNDI receipt. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. DEP and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at http://www.naturalheritage.state.pa.us.

5. ADDITIONAL INFORMATION

The PNDI environmental review website is a **preliminary** screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page (www.naturalheritage.state.pa.us). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

6. AGENCY CONTACT INFORMATION

PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section
400 Market Street, PO Box 8552, Harrisburg, PA. 17105-8552
Fax:(717) 772-0271

U.S. Fish and Wildlife Service

Pennsylvania Field Office
110 Radnor Rd; Suite 101, State College, PA 16801
NO Faxes Please.

PA Fish and Boat Commission

Division of Environmental Services
450 Robinson Lane, Bellefonte, PA. 16823-7437
NO Faxes Please

PA Game Commission

Bureau of Wildlife Habitat Management
Division of Environmental Planning and Habitat Protection
2001 Elmerton Avenue, Harrisburg, PA. 17110-9797
Fax:(717) 787-6957

7. PROJECT CONTACT INFORMATION

Name:_____
Company/Business Name:_____
Address:_____
City, State, Zip:_____
Phone:(_____)_____Fax:(_____)_____
Email:_____

8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

_____ _____
applicant/project proponent signature date

DEPARTMENT OF THE ARMY

PHILADELPHIA DISTRICT CORPS OF ENGINEERS
WANAMAKER BUILDING, 100 PENN SQUARE EAST
PHILADELPHIA. PENNSYLVANIA 19107-3390

REPLY TO
ATTENTION OF

JUL 27 2015

Regulatory Branch
Applications Section II

SUBJECT: CENAP-OP-R 2015-0046-76 (Approved Jurisdictional Determination)
Project Name: 9 Malin Road Development
Latitude and Longitude: 40.039257 N, -75.536334 W

Mr. Bo Erixxon
9 Malin Road Development, LLC
110 North Phoenixville Pike, Suite 100
Malvern, PA. 19355

Dear Mr. Erixxon:

This letter is written with regard to your request for verification of a jurisdictional delineation. The property associated with your request is located at 9 Malin Road, East Whiteland Township, Chester County, Pennsylvania.

The plans identified on the following page depict the extent of Federal jurisdiction on the subject property. The basis of our determination of jurisdiction is also provided (Enclosure 1).

Pursuant to Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act, a Department of the Army permit is required for work or structures in navigable waters of the United States and the discharge of dredged or fill material into waters of the United States including adjacent and isolated wetlands. Any proposal to perform the above activities within the area of Federal jurisdiction requires the prior approval of this office.

This delineation/determination has been conducted to identify the limits of the Corps Clean Water Act jurisdiction for the particular site identified in this request. This delineation/determination may not be valid for the wetland conservation provisions of the Food Security Act of 1985, as amended. If you or your tenant are U.S. Department of Agriculture (USDA) program participants, or anticipate participating in USDA programs, you should request a certified wetland determination from the local office of the Natural Resources Conservation Service prior to starting work.

This letter is valid for a period of five (5) years. This jurisdictional determination is issued in accordance with current Federal regulations and is based upon the existing site conditions and information provided by you in your application. This office reserves the right to reevaluate and modify the jurisdictional determination at any time should the existing site conditions or Federal regulations change, or should the information provided by you prove to be false, incomplete or inaccurate.

This letter contains an approved jurisdictional determination for your subject site. If you object to this determination, you may request an administrative appeal under Corps regulations at 33 CFR 331. Enclosed you will find a combined Notification of Appeal Process (NAP) fact sheet and Request for Appeal (RFA) form (Enclosure 2). If you request to appeal this determination, you must submit a completed RFA form to the North Atlantic Division Office at the following address:

Mr. James W. Haggerty
Administrative Appeals Review Officer
North Atlantic Division, Corps of Engineers Fort Hamilton
Military Community Bldg. 301, General Lee Avenue Brooklyn,
NY 11252-6700
Telephone: (347) 370-4650
Email: James.W.Haggerty@usace.army.mil

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division Office within 60 days of the date of the NAP. Should you decide to submit an RFA form, it must be received at the above address by SEP 28 2015.

It is not necessary to submit an RFA form to the Division Office if you do not object to the determination in this letter.

If you have any questions regarding this matter, please contact Mr. Peter Romano at (215) 656-6729, email at peter.t.romano@usace.army.mil or write to the above address.

Sincerely,

Michael Hayduk
Senior Staff Biologist

****

SUBJECT PROPERTY: The subject property consists of approximately 23.2 acres located on the eastern side of the terminus of Malin Road, approximately 600 feet south of the intersection of Malin Road and Lancaster Avenue in East Whiteland Township, Chester County, Pennsylvania. The subject property is comprised of 2 parcels nos. 420403210200 and 420403210000.

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SURVEY DESCRIPTION: The approved delineation of Wetlands and Waters of the United States on the subject property are shown on the following plan entitled "Wetlands/Regulated Waters Plan, Plan of Property for Malin Road Property, Malin Road, Malvern, PA.", dated October 23, 2014, last revised July 20, 2015, scale 1 inch = 40 feet, sheets 1 and 2 of 2, drawn by Inland Design-Civil Engineers, Surveyors, and Land Development Consultants, 16 Hagerty Blvd., west Chester, PA. 19382.

****

COMMENTS: Site inspection by representative of this office on April 17, 2015.

****

Enclosures

Copies Furnished:
PADEP, SE Regional Office (Norristown, PA)
Chester County Conservation District

Agents: Mr. Charles A. Dobson, P.E.President
InLand Design, LLC
16 Hagerty Blvd.
West Chester, PA 19382

Mr. Christopher Mulvey, President
Great Valley Environmental
P.O. Box 87
Devault, PA. 19432

DEPARTMENT OF THE ARMY

PHILADELPHIA DISTRICT CORPS OF ENGINEERS
WANAMAKER BUILDING, 100 PENN SQUARE EAST
PHILADELPHIA. PENNSYLVANIA 19107-3390

REPLY TO
ATTENTION OF

AUG 27 2015

Regulatory Branch
Applications Section II

SUBJECT: CENAP-OP-R 2015-0046-76
Project Name: 9 Malin Road Development - Bog Turtle Habitat Assessment
PNDI #: 20150825528767

Mr. Bo Erixxon
9 Malin Road Development, LLC
110 North Phoenixville Pike, Suite 100
Malvern, PA. 19355

Dear Mr. Erixxon:

This is in regard to a request for a bog turtle screening by Inland Design, LLC for the 9 Malin Road Development project and surrounding 300 feet in East Whiteland Township, Chester County, Pennsylvania. A site inspection was conducted on April 17, 2015 and the results indicate that the wetland areas associated with the un-named creek to Little Valley Creek as shown on the submitted plans entitled "Wetlands/Regulated Waters Plan, Plan of Property for Malin Road Property, Malin Road, Malvern, PA.", dated October 23, 2014, last revised July 20, 2015, scale 1 inch = 40 feet, sheets 1 and 2 of 2, drawn by Inland Design-Civil Engineers, Surveyors, and Land Development Consultants, 16 Hagerty Blvd., West Chester, PA. 19382 is **NOT** potential bog turtle habitat. Enclosed please find the Bog Turtle Habitat Evaluation Form in support of this determination. This letter is valid for two years and should be included in the application package for the Pennsylvania Department of Environmental Protection.

If you have any questions regarding this matter, please contact me at (215) 656-6729, email at peter.t.romano@usace.army.mil, or write to the above address.

Sincerely,

Pete Romano

Pete Romano
Biologist

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SUBJECT PROPERTY: The subject property consists of approximately 23.2 acres located on the eastern side of the terminus of Malin Road, approximately 600 feet south of the intersection of Malin Road and Lancaster Avenue in East Whiteland Township, Chester County, Pennsylvania. The subject property is comprised of 2 parcels nos. 420403210200 and 420403210000.

COMMENTS: There are 2 types of wetlands that were observed onsite; palustrine emergent and emergent shrub/scrub. There was heavy rain the night before the field review and a few water pockets existed during the field investigation.

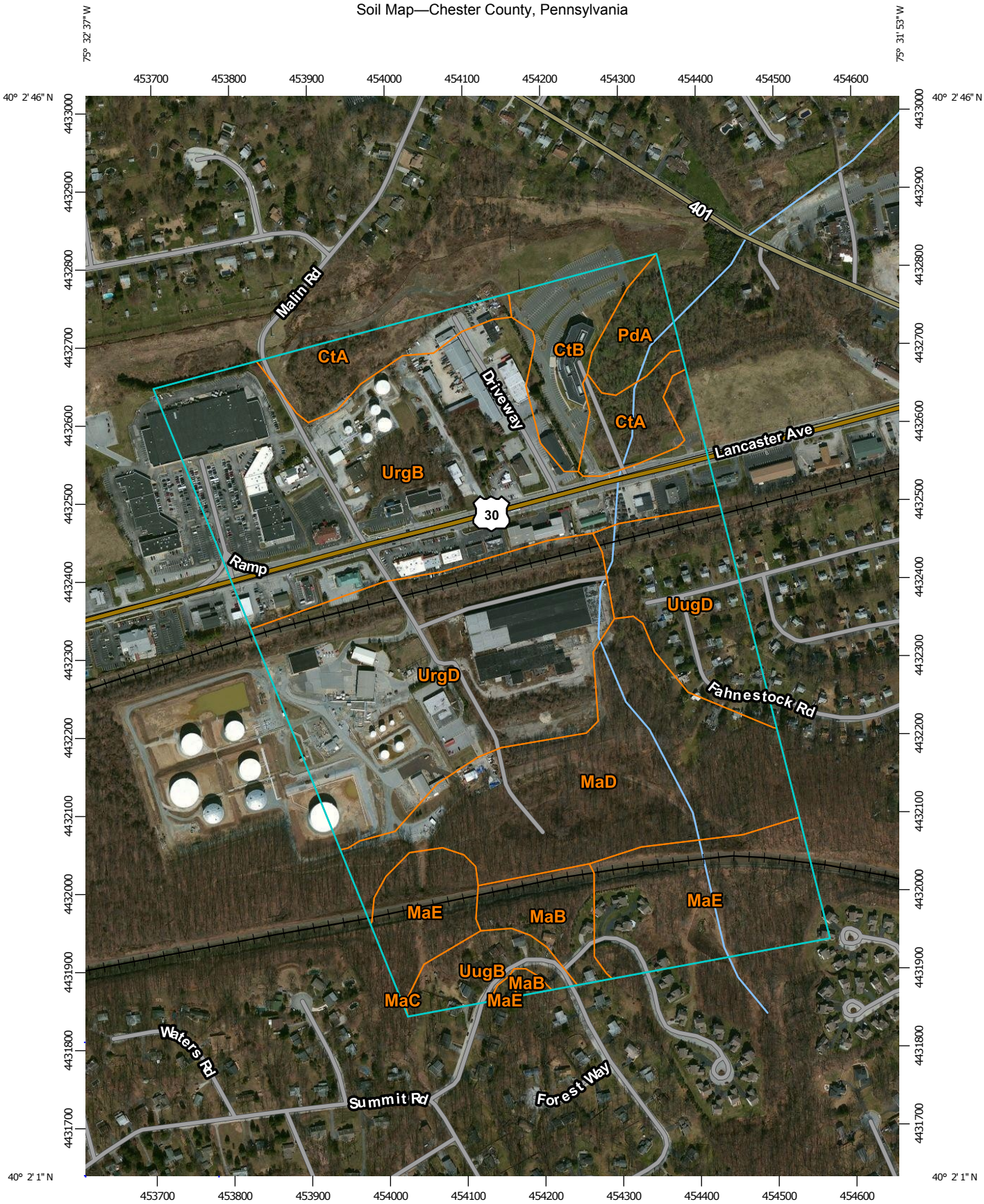
Enclosure

Copies Furnished:

Agents: Mr. Charles A. Dobson, P.E.President
InLand Design, LLC
16 Hagerty Blvd.
West Chester, PA 19382

Mr. Christopher Mulvey, President
Great Valley Environmental
P.O. Box 87
Devault, PA. 19432

Soil Map—Chester County, Pennsylvania



Map Scale: 1:6,740 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 300 600 1200 1800

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jun 17, 2010—Jul 1, 2011

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Chester County, Pennsylvania (PA029)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
CtA	Conestoga silt loam, 0 to 3 percent slopes	7.5	5.6%
CtB	Conestoga silt loam, 3 to 8 percent slopes	5.4	4.1%
MaB	Manor loam, 3 to 8 percent slopes	3.9	2.9%
MaC	Manor loam, 8 to 15 percent slopes	0.0	0.0%
MaD	Manor loam, 15 to 25 percent slopes	22.3	16.7%
MaE	Manor loam, 25 to 35 percent slopes	15.5	11.6%
PdA	Penlaw silt loam, 0 to 3 percent slopes	2.9	2.1%
UrgB	Urban land-Conestoga complex, 0 to 8 percent slopes	36.0	27.0%
UrgD	Urban land-Conestoga complex, 8 to 25 percent slopes	27.6	20.7%
UugB	Urban land-Udorthents, schist and gneiss complex, 0 to 8 percent slopes	3.2	2.4%
UugD	Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes	9.0	6.8%
Totals for Area of Interest		**133.4**	**100.0%**

Chester County, Pennsylvania

CtA—Conestoga silt loam, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: pjhy
Elevation: 300 to 1,600 feet
Mean annual precipitation: 34 to 50 inches
Mean annual air temperature: 46 to 57 degrees F
Frost-free period: 140 to 200 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Conestoga and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Conestoga

Setting

Landform: Hillsides
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from schist and/or residuum weathered from limestone

Typical profile

Ap - 0 to 10 inches: silt loam
Bt - 10 to 38 inches: silty clay loam
C - 38 to 75 inches: channery loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 60 to 99 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 1
Hydrologic Soil Group: B

Minor Components

Clarksburg

Percent of map unit: 5 percent
Landform: Valley flats
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave

Pequea

Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Hollinger

Percent of map unit: 1 percent
Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Letort

Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex

Penlaw

Percent of map unit: 1 percent
Landform: Swales
Landform position (two-dimensional): Toeslope, footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave
Across-slope shape: Concave

Duffield

Percent of map unit: 1 percent
Landform: Hills
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear

Across-slope shape: Linear

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

CtB—Conestoga silt loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: pjj0
Elevation: 300 to 1,600 feet
Mean annual precipitation: 34 to 50 inches
Mean annual air temperature: 46 to 57 degrees F
Frost-free period: 140 to 200 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Conestoga and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Conestoga

Setting

Landform: Hillsides
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone and/or residuum weathered from schist

Typical profile

Ap - 0 to 10 inches: silt loam
Bt - 10 to 38 inches: silty clay loam
C - 38 to 75 inches: channery loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 60 to 99 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B

Minor Components

Clarksburg

Percent of map unit: 5 percent
Landform: Valley flats
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave

Pequea

Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Duffield

Percent of map unit: 1 percent
Landform: Hills
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Interfluve
Down-slope shape: Linear
Across-slope shape: Linear

Hollinger

Percent of map unit: 1 percent
Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Letort

Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Nose slope, side slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Penlaw

Percent of map unit: 1 percent
Landform: Swales
Landform position (two-dimensional): Toeslope, footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave

Across-slope shape: Concave

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

MaB—Manor loam, 3 to 8 percent slopes

Map Unit Setting

National map unit symbol: pjl2
Elevation: 200 to 1,000 feet
Mean annual precipitation: 35 to 50 inches
Mean annual air temperature: 48 to 57 degrees F
Frost-free period: 140 to 220 days
Farmland classification: All areas are prime farmland

Map Unit Composition

Manor and similar soils: 95 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Manor

Setting

Landform: Hillslopes
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Residuum weathered from mica schist

Typical profile

Ap - 0 to 8 inches: loam
Bw - 8 to 23 inches: channery loam
C - 23 to 60 inches: very fine sandy loam

Properties and qualities

Slope: 3 to 8 percent
Depth to restrictive feature: 72 to 99 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 9.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B

Minor Components

Glenville

Percent of map unit: 3 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Head slope, side slope
Down-slope shape: Linear, concave
Across-slope shape: Concave, linear

Hatboro

Percent of map unit: 2 percent
Landform: Flood plains
Landform position (two-dimensional): Toeslope
Landform position (three-dimensional): Tread
Down-slope shape: Linear, concave
Across-slope shape: Linear, concave

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

MaD—Manor loam, 15 to 25 percent slopes

Map Unit Setting

National map unit symbol: pjl8
Elevation: 200 to 1,000 feet
Mean annual precipitation: 35 to 50 inches
Mean annual air temperature: 48 to 57 degrees F
Frost-free period: 150 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Manor and similar soils: 97 percent
Minor components: 3 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Manor

Setting

Landform: Hillslopes
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Residuum weathered from mica schist

Typical profile

A - 0 to 7 inches: loam
Bw - 7 to 20 inches: channery loam
C - 20 to 60 inches: very fine sandy loam

Properties and qualities

Slope: 15 to 25 percent
Depth to restrictive feature: 72 to 99 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 9.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B

Minor Components

Glenville

Percent of map unit: 3 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Head slope, side slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

MaE—Manor loam, 25 to 35 percent slopes

Map Unit Setting

National map unit symbol: pjlc
Elevation: 200 to 1,000 feet
Mean annual precipitation: 35 to 50 inches
Mean annual air temperature: 48 to 57 degrees F
Frost-free period: 150 to 220 days
Farmland classification: Not prime farmland

Map Unit Composition

Manor and similar soils: 98 percent
Minor components: 2 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Manor

Setting

Landform: Hillslopes
Landform position (two-dimensional): Backslope, shoulder
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Residuum weathered from mica schist

Typical profile

A - 0 to 4 inches: loam
Bw - 4 to 19 inches: channery loam
C - 19 to 60 inches: very fine sandy loam

Properties and qualities

Slope: 25 to 35 percent
Depth to restrictive feature: 72 to 99 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: High (about 9.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B

Minor Components

Glenville

Percent of map unit: 2 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Head slope, side slope
Down-slope shape: Linear, concave
Across-slope shape: Concave, linear

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

UrgB—Urban land-Conestoga complex, 0 to 8 percent slopes

Map Unit Setting

National map unit symbol: pjn7
Elevation: 300 to 1,600 feet
Mean annual precipitation: 30 to 50 inches
Mean annual air temperature: 45 to 57 degrees F
Frost-free period: 140 to 215 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 50 percent
Conestoga and similar soils: 35 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Pavement, buildings and other artifically covered areas

Typical profile

C - 0 to 6 inches: variable

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: 10 to 99 inches to lithic bedrock
Available water storage in profile: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s

Description of Conestoga

Setting

Landform: Hillsides
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from schist and/or residuum weathered from limestone

Typical profile

Ap - 0 to 9 inches: silt loam
Bt - 9 to 40 inches: silty clay loam
C - 40 to 60 inches: loam

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: 60 to 99 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 2e
Hydrologic Soil Group: B

Minor Components

Clarksburg

Percent of map unit: 5 percent
Landform: Valley flats
Landform position (two-dimensional): Footslope, toeslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Linear, concave

Catoctin

Percent of map unit: 5 percent
Landform: Mountainsides
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Upper third of mountainflank
Down-slope shape: Convex
Across-slope shape: Convex

Hagerstown

Percent of map unit: 3 percent
Landform: Valley floors
Landform position (two-dimensional): Shoulder, backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Linear, convex
Across-slope shape: Linear, convex

Penlaw

Percent of map unit: 2 percent
Landform: Swales
Landform position (two-dimensional): Toeslope, footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave

Across-slope shape: Concave

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

UrgD—Urban land-Conestoga complex, 8 to 25 percent slopes

Map Unit Setting

National map unit symbol: pjn8
Elevation: 400 to 1,600 feet
Mean annual precipitation: 40 to 46 inches
Mean annual air temperature: 52 to 55 degrees F
Frost-free period: 170 to 190 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 50 percent
Conestoga and similar soils: 30 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Variable

Typical profile

C - 0 to 6 inches: variable

Properties and qualities

Slope: 8 to 25 percent
Depth to restrictive feature: 10 to 99 inches to lithic bedrock
Available water storage in profile: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s

Description of Conestoga

Setting

Landform: Hillsides
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Parent material: Residuum weathered from limestone and/or residuum weathered from schist

Typical profile

A - 0 to 8 inches: silt loam
Bt - 8 to 40 inches: silty clay loam
C - 40 to 60 inches: channery fine sandy loam

Properties and qualities

Slope: 8 to 25 percent
Depth to restrictive feature: 60 to 99 inches to lithic bedrock
Natural drainage class: Well drained
Runoff class: Medium
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: B

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013

Chester County, Pennsylvania

UugD—Urban land-Udorthents, schist and gneiss complex, 8 to 25 percent slopes

Map Unit Setting

National map unit symbol: pjnz
Elevation: 200 to 2,000 feet
Mean annual precipitation: 35 to 55 inches
Mean annual air temperature: 45 to 61 degrees F
Frost-free period: 110 to 235 days
Farmland classification: Not prime farmland

Map Unit Composition

Urban land: 80 percent
Udorthents, schist and gneiss, and similar soils: 15 percent
Minor components: 5 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Urban Land

Setting

Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear
Parent material: Pavement, buildings and other artifically covered areas

Typical profile

C - 0 to 6 inches: variable

Properties and qualities

Slope: 8 to 25 percent
Depth to restrictive feature: 10 to 99 inches to lithic bedrock
Available water storage in profile: Very low (about 0.0 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 8s

Description of Udorthents, Schist And Gneiss

Setting

Landform: Hills
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Parent material: Graded areas of schist and/or gneiss

Typical profile

Ap - 0 to 6 inches: loam
C - 6 to 40 inches: silty clay loam
R - 40 to 60 inches: bedrock

Properties and qualities

Slope: 8 to 25 percent
Depth to restrictive feature: 20 to 70 inches to paralithic bedrock
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)
Depth to water table: About 60 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 6.8 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: B

Minor Components

Baile

Percent of map unit: 1 percent
Landform: Depressions
Landform position (two-dimensional): Footslope
Landform position (three-dimensional): Base slope
Down-slope shape: Concave, linear
Across-slope shape: Concave, linear

Gladstone

Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Summit, shoulder
Landform position (three-dimensional): Side slope, nose slope
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex

Edgemont

Percent of map unit: 1 percent
Landform: Ridges
Landform position (two-dimensional): Summit
Landform position (three-dimensional): Mountaintop
Down-slope shape: Convex, linear
Across-slope shape: Linear, convex

Glenville

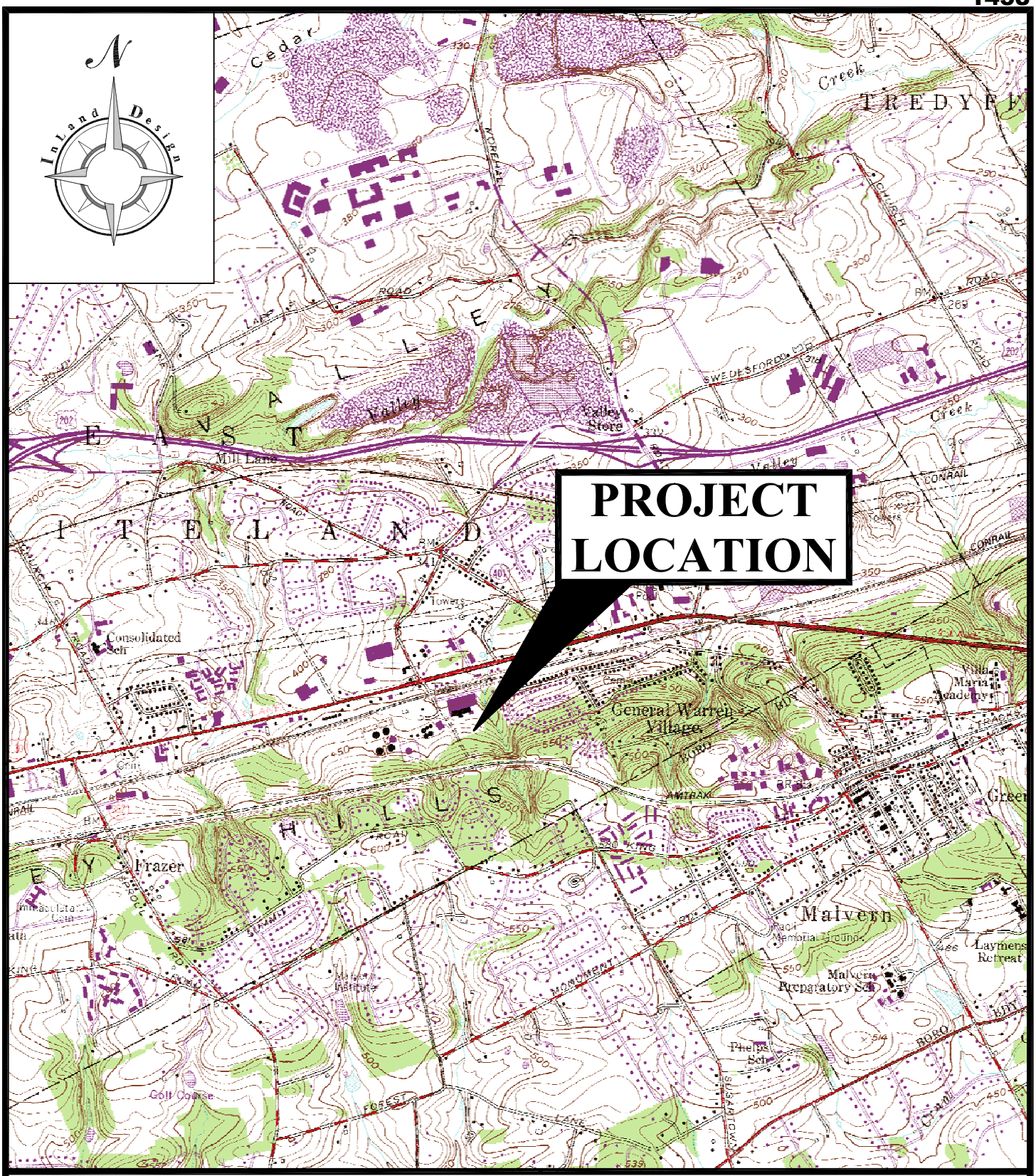
Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Footslope, backslope
Landform position (three-dimensional): Head slope, side slope

Down-slope shape: Linear, concave
Across-slope shape: Concave, linear

Glenelg
Percent of map unit: 1 percent
Landform: Hillslopes
Landform position (two-dimensional): Summit, shoulder, backslope
Landform position (three-dimensional): Interfluve, side slope, nose slope
Down-slope shape: Linear, convex
Across-slope shape: Convex, linear

Data Source Information

Soil Survey Area: Chester County, Pennsylvania
Survey Area Data: Version 4, Dec 13, 2013



InLand Design

Civil Engineers, Surveyors & Land Development Consultants

759 East Lincoln Hwy.
Exton, PA 19341
www.InLandDesign.net

Phone: (484) 872-8260
Fax: (484) 872-8261
Info@InLandDesign.net

9 MALIN ROAD
USGS Location Map

UP: 8.7 ACROSS: 5.8
Malvern Quad
East Whiteland Twp • Chester Co • Pa

Date:	10/14/2014
Scale:	1" = 2000'
Project No.	10383

EARTH ENGINEERING INCORPORATED
Geotechnical Engineers & Geologists

June 3, 2015
EEI Proposal No. BB-14292

Mr. Guy Wolfington
O'Neill Properties Group
2701 Renaissance Blvd., 4th Floor
King of Prussia, Pennsylvania 19406

Tel: 610.337.5560
Fax: 610.337.5599
Email: gwolfington@oneillproperties.com

Re: Malin Road Development
Malvern, Pennsylvania

Dear Mr. Wolfington:

As requested, Earth Engineering Incorporated (EEI) has reviewed the available geologic information provided from the investigations conducted as part of the former Bishop Tube Site, located on Malin Road in Malvern. This information was reviewed to determine if the project site is underlain by karst geology. The karst geology issue is relevant to the stormwater management of the proposed development.

Review of the information provided indicates that the former Bishop Tube Site is underlain by calcareous schist/phyllitic calcareous schist bedrock. EEI was provided with copies of the installation logs for wells installed by Baker Environmental in the first quarter of 2003. Wells MW25 through MW28 all indicate that the underlying bedrock consist of the calcareous schist/phyllitic calcareous schist bedrock. MW28 was installed north of the property boundary, behind the Taylor Rental store located on Lancaster Avenue. In MW28 the schist was encountered at a depth of 25 feet and continued to the well termination depth of 252 feet.

Based on the subsurface information provided, EEI concludes that, the site is underlain by calcareous schist/phyllitic calcareous schist bedrock. Consequently, the site is not underlain by limestone or karst geology. The stormwater management system can be designed accordingly. Earth Engineering Incorporated trusts this information is responsive to your request. If you have any questions or require additional information, please call.

Sincerely,
EARTH ENGINEERING INCORPORATED

Patrick M. McNamara, P.E.
Director – Geotechnical Investigations

G:\PROPOSALS\BB\BB14000\BB14292 - Malin Road Development - geotech\BB14292 - Malin Road Development - limits of karst ltr.doc

NOAA Atlas 14, Volume 2, Version 3
Location name: Malvern, Pennsylvania, US*
Latitude: 40.0357°, Longitude: -75.5082°
Elevation: 534 ft*
* source: Google Maps

POINT PRECIPITATION FREQUENCY ESTIMATES

G.M. Bonnin, D. Martin, B. Lin, T. Parzybok, M.Yekta, and D. Riley

NOAA, National Weather Service, Silver Spring, Maryland

PF_tabular | PF_graphical | Maps_&_aerials

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.350 (0.322-0.381)	0.418 (0.384-0.455)	0.488 (0.447-0.531)	0.537 (0.492-0.584)	0.594 (0.541-0.646)	0.632 (0.573-0.687)	0.670 (0.604-0.729)	0.702 (0.629-0.766)	0.737 (0.655-0.807)	0.763 (0.674-0.838)
10-min	0.559 (0.515-0.609)	0.668 (0.614-0.727)	0.781 (0.717-0.850)	0.859 (0.786-0.934)	0.946 (0.862-1.03)	1.01 (0.912-1.09)	1.06 (0.960-1.16)	1.11 (0.998-1.21)	1.17 (1.04-1.28)	1.20 (1.06-1.32)
15-min	0.699 (0.644-0.761)	0.840 (0.771-0.914)	0.988 (0.906-1.07)	1.09 (0.994-1.18)	1.20 (1.09-1.30)	1.27 (1.15-1.39)	1.34 (1.21-1.46)	1.40 (1.26-1.53)	1.47 (1.30-1.61)	1.51 (1.33-1.66)
30-min	0.958 (0.882-1.04)	1.16 (1.07-1.26)	1.40 (1.29-1.53)	1.57 (1.44-1.71)	1.78 (1.62-1.93)	1.92 (1.74-2.09)	2.06 (1.86-2.24)	2.19 (1.96-2.38)	2.33 (2.08-2.56)	2.44 (2.16-2.68)
60-min	1.20 (1.10-1.30)	1.46 (1.34-1.58)	1.80 (1.65-1.96)	2.05 (1.88-2.23)	2.37 (2.15-2.57)	2.60 (2.36-2.83)	2.84 (2.56-3.09)	3.06 (2.75-3.34)	3.35 (2.98-3.67)	3.56 (3.15-3.92)
2-hr	1.43 (1.30-1.57)	1.73 (1.58-1.90)	2.15 (1.96-2.37)	2.48 (2.25-2.72)	2.90 (2.62-3.17)	3.23 (2.90-3.54)	3.56 (3.18-3.90)	3.89 (3.45-4.27)	4.34 (3.79-4.77)	4.67 (4.05-5.16)
3-hr	1.55 (1.42-1.71)	1.88 (1.72-2.07)	2.35 (2.14-2.58)	2.70 (2.45-2.96)	3.17 (2.86-3.47)	3.53 (3.17-3.87)	3.90 (3.48-4.27)	4.27 (3.77-4.69)	4.76 (4.16-5.25)	5.14 (4.44-5.67)
6-hr	1.92 (1.75-2.12)	2.32 (2.12-2.56)	2.88 (2.62-3.18)	3.33 (3.02-3.67)	3.96 (3.57-4.35)	4.46 (3.99-4.90)	4.99 (4.42-5.47)	5.54 (4.86-6.08)	6.30 (5.43-6.94)	6.91 (5.87-7.63)
12-hr	2.33 (2.12-2.60)	2.81 (2.56-3.13)	3.51 (3.19-3.91)	4.10 (3.70-4.55)	4.94 (4.41-5.46)	5.63 (4.99-6.22)	6.39 (5.60-7.06)	7.20 (6.22-7.96)	8.37 (7.08-9.27)	9.33 (7.77-10.4)
24-hr	2.69 (2.46-2.95)	3.24 (2.96-3.55)	4.06 (3.71-4.46)	4.75 (4.32-5.20)	5.74 (5.20-6.27)	6.57 (5.93-7.18)	7.47 (6.70-8.14)	8.44 (7.52-9.19)	9.85 (8.68-10.7)	11.0 (9.62-12.0)
2-day	3.10 (2.83-3.42)	3.75 (3.42-4.12)	4.71 (4.29-5.17)	5.49 (4.99-6.03)	6.60 (5.98-7.24)	7.52 (6.79-8.24)	8.49 (7.62-9.31)	9.53 (8.50-10.4)	11.0 (9.74-12.1)	12.2 (10.7-13.4)
3-day	3.28 (2.99-3.60)	3.95 (3.61-4.35)	4.95 (4.52-5.44)	5.76 (5.25-6.33)	6.92 (6.27-7.59)	7.87 (7.11-8.62)	8.88 (7.98-9.73)	9.95 (8.89-10.9)	11.5 (10.2-12.6)	12.7 (11.2-14.0)
4-day	3.45 (3.15-3.80)	4.15 (3.80-4.58)	5.19 (4.74-5.71)	6.04 (5.50-6.63)	7.23 (6.57-7.94)	8.22 (7.43-9.01)	9.26 (8.33-10.1)	10.4 (9.27-11.4)	11.9 (10.6-13.1)	13.2 (11.6-14.5)
7-day	4.02 (3.71-4.39)	4.82 (4.45-5.26)	5.96 (5.49-6.51)	6.89 (6.34-7.52)	8.23 (7.54-8.97)	9.34 (8.50-10.2)	10.5 (9.52-11.4)	11.8 (10.6-12.8)	13.5 (12.1-14.7)	15.0 (13.3-16.3)
10-day	4.57 (4.23-4.94)	5.45 (5.05-5.91)	6.65 (6.16-7.20)	7.61 (7.03-8.23)	8.95 (8.24-9.67)	10.0 (9.21-10.8)	11.2 (10.2-12.0)	12.3 (11.2-13.3)	13.9 (12.6-15.1)	15.2 (13.7-16.5)
20-day	6.17 (5.75-6.63)	7.32 (6.82-7.87)	8.73 (8.13-9.39)	9.84 (9.16-10.6)	11.3 (10.5-12.2)	12.5 (11.6-13.4)	13.7 (12.6-14.7)	14.9 (13.7-16.0)	16.5 (15.1-17.7)	17.7 (16.1-19.1)
30-day	7.68 (7.22-8.15)	9.05 (8.51-9.61)	10.6 (9.92-11.2)	11.7 (11.0-12.4)	13.2 (12.4-14.1)	14.4 (13.5-15.3)	15.5 (14.5-16.5)	16.7 (15.5-17.7)	18.1 (16.8-19.3)	19.2 (17.7-20.5)
45-day	9.73 (9.22-10.3)	11.4 (10.8-12.1)	13.1 (12.4-13.9)	14.4 (13.6-15.3)	16.1 (15.2-17.0)	17.3 (16.3-18.3)	18.4 (17.4-19.5)	19.5 (18.3-20.6)	20.8 (19.5-22.1)	21.8 (20.4-23.1)
60-day	11.7 (11.1-12.3)	13.7 (13.0-14.4)	15.6 (14.8-16.4)	17.0 (16.1-17.9)	18.8 (17.8-19.8)	20.1 (19.0-21.2)	21.3 (20.2-22.5)	22.5 (21.2-23.7)	23.8 (22.5-25.2)	24.8 (23.3-26.2)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

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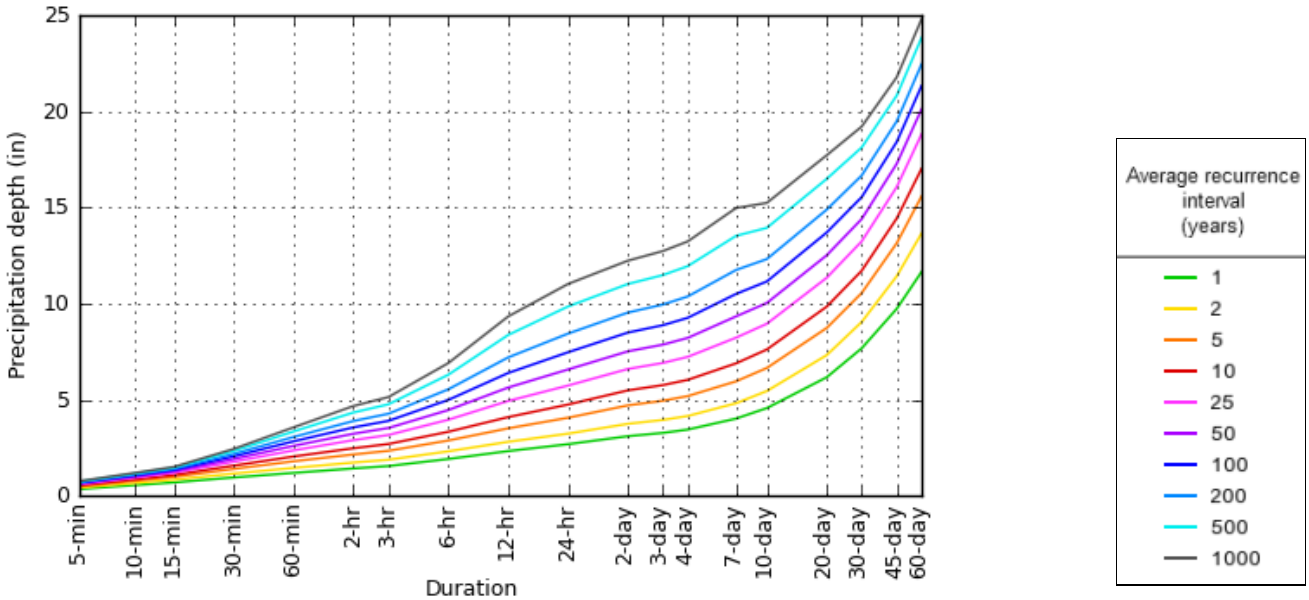
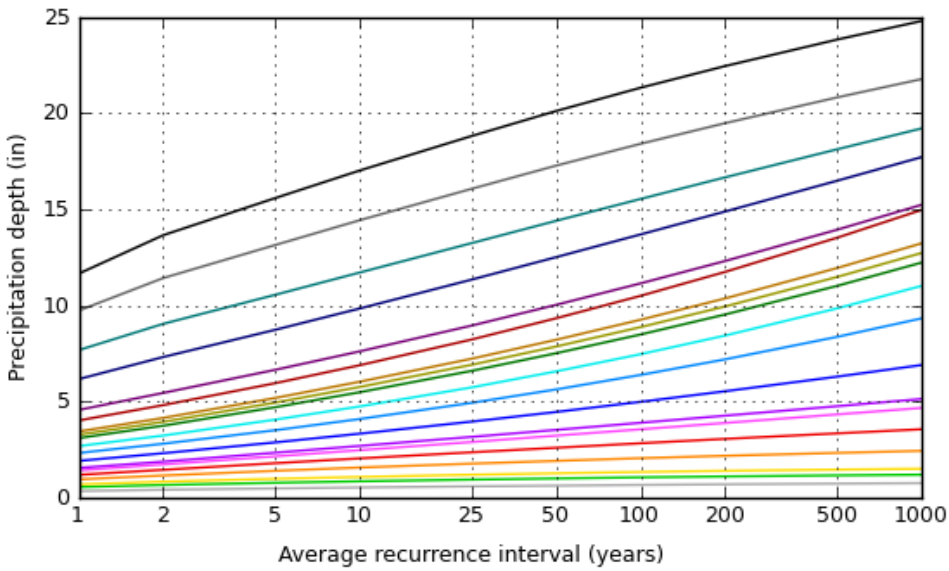
PF graphical

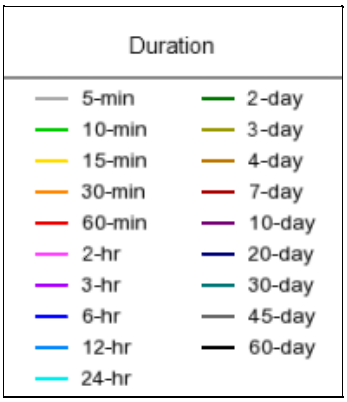
PDS-based depth-duration-frequency (DDF) curves
Latitude: 40.0357°, Longitude: -75.5082°





NOAA Atlas 14, Volume 2, Version 3

Created (GMT): Wed Dec 3 21:19:02 2014



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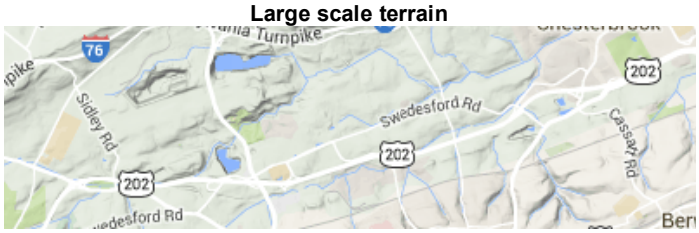
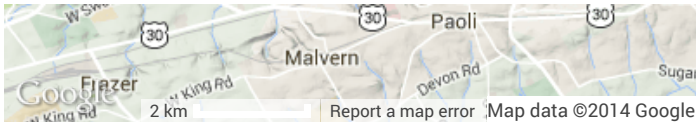
Maps & aerials

Small scale terrain

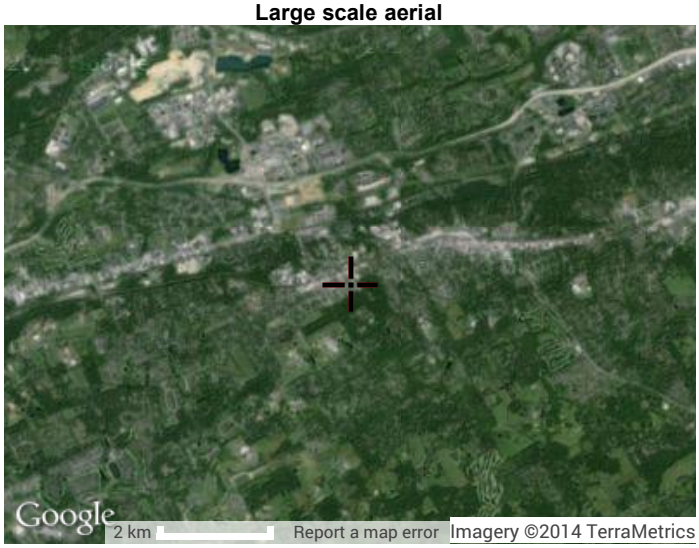
Large scale terrain





Large scale map

Large scale aerial



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US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Office of Hydrologic Development
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

RECEIVED
JAN 29 2015
BY:

AQUA

January 23, 2015

Diane K. Busz
The Benson Companies
110 N. Phoenixville Pike
Malvern, PA 19355

Re: Water Availability
9 + 10 Malin Road – Old Bishop Tube
East Whiteland Township, Chester County, Pennsylvania

Dear Ms. Busz:

This letter will serve as confirmation that the above referenced project is situated within Aqua Pennsylvania, Inc.'s service territory. Service would be provided in accordance with Aqua Pennsylvania Inc.'s Rules and Regulations.

Service to this project will require a main extension. Main extension projects are completed under a Builder's Extension Agreement. Under this agreement, the Builder is responsible for installing the main extension, including fire hydrants and service connections, with a pre-qualified contractor that he or she hires. In addition, the Builder is required to have his or her engineer prepare main extension plans in accordance with Aqua Pennsylvania, Inc. plan specifications and submit these plans to Aqua Pennsylvania, Inc. for review and approval. To proceed with this project please forward a full set of land development and updated main extension plans to my attention.

Once all of the requirements have been met and the main extension plans have been approved the builder will be able to enter into a Builder's Extension Agreement which will require an escrow for the cost of the main extension. Please refer to the New Business Package CD, which I believe your firm has, for the specific requirements.

Flow data information for this area, if required, can be obtained upon written request to Lisa Thomas-Oliva of our Production Department so that you may determine the adequacy of our supply for your project needs. If you have specific questions related to flow test requests, you may reach Mrs. Oliva at (610) 645-1034.

If you require further information, please contact me at (610) 645-4230.

Sincerely,

Gary J. Horne
New Business Representative