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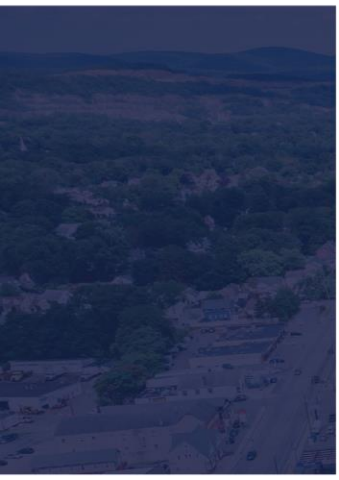
ENGINEERING AND CONSULTING **SINCE 1974**

Stormwater Management Report

Country Woods at Neptune

Block 3101, Lot 1
Township of Neptune
Monmouth County, New Jersey



Prepared for:

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I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing this information. I believe tat the information is true, accurate, and complete. I am ware that there are significant penalties for knowingly submitting false information, including the possibility of fine or imprisonment.

_____
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NJPE License No. 24GE05006700

January 16, 2023, Last Revised April 17, 2023 | FPA No. 17340.002
1800 Route 34, Suite 101, Wall Township, NJ 07719

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APPENDIX

1.0 INTRODUCTION

This report contains the stormwater management calculations required by the Local, County, and State agencies for their review of the plans for a single-family residential development consisting of access roads, and thirty-one single-family residential lots and one open space lots, for a total of thirty-two. The subject property is known as Block 3101, Lot 1, located in the Township of Neptune, Monmouth County, New Jersey. The subject property is currently wooded.

2.0 BASIS OF ENGINEERING ANALYSIS

All stormwater management systems, including collection and conveyance structures, and recharge and detention measures (BMP'S) have been designed in accordance with the provisions of the N.J.A.C. 7:8 – Stormwater Management Rules (NJSMR). The methods outlined in the New Jersey Stormwater Best Management Practices (NJBMP) Manual last updated March 2021 were used to comply with the referenced Rules.

Based upon NRCS NEW JERSEY BULLETIN NO. NJ210-12-1, effective September 10, 2012 New Jersey has two new rainfall distribution regions, Region C and Region D. These new rainfall distributions replace use of the TYPE III distribution in New Jersey. The subject property is within Region D, therefore NOAA-D Distribution and the updated 24-hour rainfall-frequency data for Monmouth County were used to compute the present and proposed condition hydrographs. The latest PondPack Connection Edition Computer Program developed by the Haested Methods was used to generate the runoff hydrographs and hydrologic model for project site. Peak discharges, run-off volumes, and hydrographs were computed for the 2, 10, 25, and 100-year storms. Run-off calculations and precipitation losses were calculated using the NRCS Run-off Curve Numbers (RCNs), based upon the present and proposed watershed conditions. Times of Concentration (TCs) were based upon estimates of overland, shallow concentrated, and open channel flow utilizing methods presented in the National Engineering Handbook, Part 630, Chapter 15. Pre- and Post-development drainage area maps are included in the back pockets of the report.

3.0 EXISTING CONDITIONS

The project site is located on Jumping Brook Road in the Township of Neptune, Monmouth County, New Jersey. The site is currently wooded. Based on the NRCS web soil survey map for Monmouth County, the soils within the project are predominantly Hammonton Sand (HboB) and Evesboro Sand (EveB) with areas of Downer Loamy Sand (DocCO), and Evesboro Urban Land (EvuB). HboB has a hydrologic group rating of B and EveB has hydrologic group rating of A, with the remainder having a hydrologic soil group rating of A. A copy of the soils map can be found in

Appendix A.

Under existing conditions, the project watershed has a total drainage area of 15.4+/- acres and is divided into two drainage areas; Existing Off-Site Area (OS), consisting of 2.01 acres (undisturbed), Existing Area to be Disturbed (EX) consisting of 13.42.

The following table summarizes the pre-development peak runoff rates from off-site areas within the project watershed.

Table 3.1

Summary of Pre-Development Peak Runoff Rates – Existing Off-Site Area			
2-Yr. Storm (cfs)	**10-Yr. Storm (cfs)**	**25-Yr. Storm (cfs)**	**100-Yr. Storm (cfs)**
1.81	2.85	3.70	5.49

The following table summarizes the pre-development peak runoff rates for areas to be disturbed within the project watershed.

Table 3.2

Summary of Pre-Development Peak Runoff Rates – Existing Area to be Disturbed			
2-Yr. Storm (cfs)	**10-Yr. Storm (cfs)**	**25-Yr. Storm (cfs)**	**100-Yr. Storm (cfs)**
0.21	2.41	5.64	14.03

Detailed computations are presented in Appendix D of this report.

4.0 PROPOSED CONDITIONS

The project consists of a single-family residential development consisting of access roads, thirty-one single-family residential lots, and one open space lot, for a total of thirty-two. Due to the increase in impervious cover being greater than 0.25 acres and the overall site disturbance being greater than 1.00 acres, the project requires compliance with New Jersey Stormwater Management Rules at N.J.A.C. 7:8 and Township of Neptune stormwater management requirements.

In the proposed condition, runoff from off-site and disturbed areas will be conveyed to nine BMP's consisting of one small-scale infiltration basin (Basin 5) and eight small scale bio-retention basins (Basins 1-4;6-9). Each basin will have a contributory drainage area less than 2.5 acres. Outflow from the nine basins will be distributed to three large-scale infiltration basins that will discharge

the remaining flow overland. Runoff from undisturbed areas will be conveyed through the BMP's to help attenuate existing flows.

Test Pit 2 and Test Pit 3 were advanced within the area of Basin #1 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 2 yielded a high ESHWT elevation of 73.10. The basin has been designed with a bottom elevation of 78.00 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded design rates exceeding the maximum rate allowed for computation, 10 in/hr.

Test Pit 33 was advanced within the area of Basin #2 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 33 yielded an ESHWT elevation of 79.90. The basin has been designed with a bottom elevation of 83.50 to ensure proper separation from the ESHWT. An in-place percolation test was conducted and yielded a design percolation rate of 6.25 in/hr. A design percolation rate of 3.55 in/hr. was used in the design.

Test Pit 31 was advanced within the area of Basin #3 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 31 yielded an ESHWT elevation of 81.10. The basin has been designed with a bottom elevation of 84.60 to ensure proper separation from the ESHWT. An in-place percolation test was conducted and yielded a design percolation rate of 1.46 in/hr.

Test Pit 8 was advanced within the area of Basin #4 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 8 yielded an ESHWT elevation of 76.70. The basin has been designed with a bottom elevation of 80.70 to ensure proper separation from the ESHWT. An in-place percolation test was conducted and yielded a design rate 0.33 in/hr. Basin #4 will be subject to soil replacement.

Test Pit 10 and Test Pit 35 were advanced within the area of Basin #5 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 35 yielded a high ESHWT elevation of 76.00. The basin has been designed with a bottom elevation of 78.50 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded a design rate of 0.53 in/hr. Basin #5 will be subject to soil replacement.

Test Pit 43 and Test Pit 44 were advanced within the area of Basin #6 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Both test pits yielded an ESHWT elevation of 77.10. The basin has been designed with a bottom elevation of 81.00 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit

locations. The tests yielded a design rate of 0.29 in/hr. Basin #6 will be subject to soil replacement.

Test Pit 23 and Test Pit 39 were advanced within the area of Basin #7 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 39 yielded a high ESHWT elevation of 76.30. The basin has been designed with a bottom elevation of 79.80 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded a design rate of 0.54 in/hr. Basin #7 will be subject to soil replacement.

Test Pit 40 was advanced within the area of Basin #8 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. The test pit yielded a high ESHWT elevation of 76.70. The basin has been designed with a bottom elevation of 80.20 to ensure proper separation from the ESHWT. An in-place percolation test was conducted at the test pit location. The test yielded a design rate of 0.35 in/hr. Basin #8 will be subject to soil replacement.

Test Pit 42 was advanced within the area of Basin #9 to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. The test pit yielded a high ESHWT elevation of 76.80. The basin has been designed with a bottom elevation of 80.50 to ensure proper separation from the ESHWT. An in-place percolation test was conducted at the test pit location. The test yielded a design rate of 0.41 in/hr. Basin #9 will be subject to soil replacement.

Test Pits 1-3 were advanced within the area of Basin #A to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 2 yielded a high ESHWT elevation of 73.50. The basin has been designed with a bottom elevation of 77.00 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded a design rate of 10.00 in/hr. Basin A has been designed assuming a 0.00 in/hr. infiltration rate for quantity purposes but will drain down in less than 72 hours due to the 10.00 in/hr infiltration rate.

Test Pits 26-28 were advanced within the area of Basin #B to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 27 yielded a high ESHWT elevation of 76.00. The basin has been designed with a bottom elevation of 78.50 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded a design rate of 1.50 in/hr. Basin B has been designed assuming a 0.00 in/hr. infiltration rate for quantity purposes but will drain down in less than 72 hours due to the 1.50 in/hr infiltration rate.

Test Pit 37 and Test Pit 38 were advanced within the area of Basin #C to determine the estimated seasonal high-water table (ESHWT) and existing soil conditions. Test Pit 38 yielded a high ESHWT

elevation of 76.30. The basin has been designed with a bottom elevation of 79.50 to ensure proper separation from the ESHWT. In-place percolation tests were conducted at each of the test pit locations. The tests yielded a design rate of 0.28 in/hr. Basin C has been designed assuming a 0.00 in/hr. infiltration rate for quantity purposes but will drain down in less than 72 hours due to the 0.28 in/hr infiltration rate

The effect of infiltration and the basin outlet structures will attenuate peak flows for the 2, 10, 25, and 100-year storms. The outlet structures will convey flow overland to the existing wetlands on site.

4.1 Water Quantity Control

In the proposed condition, runoff from disturbed areas will be conveyed to nine BMP's consisting of one small-scale infiltration basin (Basin 5) and eight small scall bio-retention basins (Basins 1-4;6-9). Each basin will have a contributory drainage area less than 2.5 acres. Outflow from the nine basins will be distributed to three large-scale infiltration basins that will discharge the remaining flow overland. Runoff from undisturbed areas will be conveyed through the BMP's to help attenuate existing flows. The following tables summarize the estimated peak inflows, outflows, and water surface elevations for the BMP's.

Table 4.1

BASIN 1				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	2.78	4.69	6.59	10.59
Peak Outflow (cfs)	0.00	0.02	0.32	1.38
Maximum Water Surface Elevation (ft)	78.48	79.06	79.45	80.19

Table 4.2

BASIN 2				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.67	1.35	2.19	4.06
Peak Outflow (cfs)	0.00	0.00	0.15	0.99
Maximum Water Surface Elevation (ft)	83.66	83.91	84.13	84.46

Table 4.3

BASIN 3				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.42	0.84	1.30	2.31
Peak Outflow (cfs)	0.00	0.00	0.14	0.85
Maximum Water Surface Elevation (ft)	85.11	85.51	85.72	86.01

Table 4.4

BASIN 4				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	2.84	5.49	7.56	11.62
Peak Outflow (cfs)	0.00	0.06	0.10	0.16
Maximum Water Surface Elevation (ft)	80.82	81.10	81.35	81.94

Table 4.5

BASIN 5				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	3.88	6.96	9.28	13.79
Peak Outflow (cfs)	0.00	0.00	1.25	5.24
Maximum Water Surface Elevation (ft)	78.88	79.42	79.72	80.08

Table 4.6

BASIN 6				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	1.03	2.15	3.01	4.67
Peak Outflow (cfs)	0.00	0.22	0.97	2.64
Maximum Water Surface Elevation (ft)	81.51	82.09	82.24	82.48

Table 4.7

BASIN 7				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	3.55	6.39	8.54	12.69
Peak Outflow (cfs)	0.00	1.27	3.40	7.55
Maximum Water Surface Elevation (ft)	80.23	80.70	80.88	81.15

Table 4.8

BASIN 8				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.36	0.66	0.88	1.31
Peak Outflow (cfs)	0.00	0.00	0.00	0.01
Maximum Water Surface Elevation (ft)	80.39	80.66	80.88	81.25

Table 4.9

BASIN 9				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.30	0.57	0.84	1.41
Peak Outflow (cfs)	0.00	0.00	0.00	0.00
Maximum Water Surface Elevation (ft)	80.57	80.66	80.79	81.07

Table 4.10

BASIN A				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.88	1.74	2.61	5.31
Peak Outflow (cfs)	0.05	0.12	0.17	0.27
Maximum Water Surface Elevation (ft)	77.44	77.82	78.42	79.99

Table 4.11

BASIN B				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	1.26	2.34	3.76	11.82
Peak Outflow (cfs)	0.06	0.15	0.75	5.13
Maximum Water Surface Elevation (ft)	78.80	79.12	79.59	80.01

Table 4.12

BASIN C				
Storm Frequency	**2-Yr. Storm**	**10-Yr. Storm**	**25-Yr. Storm**	**100-Yr. Storm**
Peak Inflow (cfs)	0.45	1.63	4.04	8.75
Peak Outflow (cfs)	0.02	0.14	0.81	2.37
Maximum Water Surface Elevation (ft)	79.68	80.05	80.43	80.94

As previously noted, the basins were designed in accordance with NJSMR, and the Township's stormwater ordinance to reduce the post-development peak runoff rates from the site. Table 4.5 presents a comparison of the existing versus the proposed runoff from the disturbed areas.

Table 4.13

Pre-Development vs. Post-Development Peak Runoff Rate (cfs)						
Storm Frequency (Year)	**Pre-Development Peak Runoff Rate Off-Site (cfs)**	**Pre-Development Peak Runoff Rate Disturbed (cfs)**	**Minimum Required Reduction for Disturbed Areas N.J.A.C. 7:8**	**Maximum Allowable Post-Development Peak Runoff Rate (cfs)**	**Estimated Post-Development Peak Runoff Rate (cfs)**	
2	1.81	0.21	50%	1.81+(0.5*0.21) 1.92	0.37	O.K.
10	2.85	2.41	75%	2.85+(0.75*2.41) 4.66	1.62	O.K.
100	5.49	14.03	80%	5.49+(0.8*14.03) 16.71	6.37	O.K.

Based upon Table 4.13, the proposed outflows meet the required reductions set forth in NJSMR and Township of Neptune stormwater management ordinance. Detailed computations are presented in Appendix E of this report.

4.2 Water Quality Control

The NJSMR requires that a reduction of 80% in Total Suspended Solids (TSS) must be achieved for all proposed TSS producing surfaces. For the proposed project, stormwater runoff from all TSS producing surfaces will be conveyed to above ground infiltration BMP's, each with a contributory drainage area less than 2.5 acres. The infiltration BMP's are designed to recharge the runoff from the entire Water Quality storm event. Per the NJBMP, Chapter 9.8, the BMP's fulfill the Water Quality and Green Infrastructure requirements of N.J.A.C. 7.8.

4.3 Groundwater Recharge

The New Jersey Groundwater Recharge Spreadsheet, Annual Groundwater Recharge Analysis (Based on GSR-32), calculates a recharge deficit of 231,288 cubic feet, determined by the proposed conditions. The spreadsheet concludes that the sum of the proposed BMP area will balance the

annual recharge deficit, with a BMP effective depth of 1.8 in; which is exceeded on each of the BMPs proposed. The annual recharge deficit will be balanced by the proposed project. The Annual Groundwater Recharge Analysis Spreadsheet can be found in Appendix C of this report.

4.4 Groundwater Table Hydraulic Impact Analysis

The New Jersey Stormwater Management Regulations and NJBMP Chapter 13, require that if the stormwater management design includes one or more BMPs that will infiltrate stormwater into subsoil, the design engineer must assess the hydraulic impact on the groundwater table and design the site, so as to avoid adverse hydraulic impacts.

Basin 1:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (36,640 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 73.10.

In-Place percolation tests yielded a design recharge rate of 10 in/hr, resulting in a horizontal hydraulic conductivity (Kh) of 50 in/hr. For purposes of the analysis, an adjusted recharge rate of 2.0 in/hr was used, yielding an infiltration period of 72 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.33 ft.

The elevation of the basin bottom is 78.00, resulting in a separation of 4.90 ft. to the ESHWT. The separation is greater than the 3.33 ft. maximum groundwater mound, therefore the basin passes the analysis.

Basin 2:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (12,589 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 79.90.

In-Place percolation tests yielded a design recharge rate of 3.55 in/hr, resulting in a horizontal hydraulic conductivity (Kh) of 17.75 in/hr. For purposes of the analysis, an adjusted recharge rate of 1.1 in/hr was used, yielding an infiltration period of 72 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound 2.55 ft.

The elevation of the basin bottom is 83.50, resulting in a separation of 3.60 ft. to the ESHWT. The separation is greater than the 2.55 ft. maximum groundwater mound, therefore the basin passes the analysis.

Basin 3:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (5,924 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 81.10.

In-Place percolation tests yielded a design recharge rate of 1.46 in/hr, resulting in a horizontal hydraulic conductivity (Kh) of 7.30 in/hr. For purposes of the analysis, an adjusted recharge rate of 1.1 in/hr was used, yielding an infiltration period of 72 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.40 ft.

The elevation of the basin bottom is 84.60, resulting in a separation of 3.50 ft. to the ESHWT. The separation is greater than the 3.40 ft. maximum groundwater mound, therefore the basin passes the analysis.

Basin 4:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (44,780 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 76.70.

Soil beneath Basin 4 will be replaced (to top of basin) with soil with a design recharge rate of 10.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 50.00 in/hr. For purposes of the analysis, an adjusted recharge rate of 1.14 in/hr was used, yielding an infiltration period of 72.00 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.67 ft.

The elevation of the basin bottom is 80.70, resulting in a separation of 4.00 ft. to the ESHWT. The separation is greater than the 3.67 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basin 5:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of

runoff to be infiltrated (48,352 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 76.00.

Soil beneath Basin 5 will be replaced (to top of basin) with soil with a design recharge rate of 10.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 50.00 in/hr. For purposes of the analysis, an adjusted recharge rate of 1.40 in/hr was used, yielding an infiltration period of 72.00 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 2.498 ft.

The elevation of the basin bottom is 78.50, resulting in a separation of 2.50 ft. to the ESHWT. The separation is greater than the 2.498 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basin 6:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (12,284 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 77.10.

Soil beneath Basin 6 will be replaced (to top of basin) with soil with a design recharge rate of 5.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 25.00 in/hr and an infiltration period of 23.80 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.86 ft.

The elevation of the basin bottom is 81.00, resulting in a separation of 3.90 ft. to the ESHWT. The separation is greater than the 3.86 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basin 7:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (38,507 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 76.30.

Soil beneath Basin 7 will be replaced (to top of basin) with soil with a design recharge rate of 10.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 50.00 in/hr. For purposes of the analysis, an adjusted recharge rate of 1.34 in/hr was used, yielding an infiltration period of 72.00 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated

zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.47 ft.

The elevation of the basin bottom 79.80, resulting in a separation of 3.50 ft. to the ESHWT. The separation is greater than the 3.47 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basin 8:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (5,140 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 76.70.

Soil beneath Basin 8 will be replaced (to top of basin) with soil with a design recharge rate of 5.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 25.00 in/hr and an infiltration period of 12.20 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 3.47 ft.

The elevation of the basin sand layer bottom is 80.20, resulting in a separation of 3.50 ft. to the ESHWT. The separation is greater than the 3.47 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basin 9:

A groundwater table hydraulic impact analysis has been completed for the maximum volume of runoff to be infiltrated (5,663 cubic feet). The estimated seasonal high-water table (ESHWT) below the basin is elevation 78.80.

Soil beneath Basin 9 will be replaced (to top of basin) with soil with a design recharge rate of 5.00 in/hr. This will yield a horizontal hydraulic conductivity (Kh) of 25.00 in/hr. For purposes of the analysis, an adjusted recharge rate of 0.50 in/hr was used, yielding an infiltration period of 66.4 hours. Specific yield (Sy) was assumed to be 0.15 and the initial thickness of saturated zone (hi(0)) was assumed to be 10 feet. Based on these factors, the volume to be infiltrated resulted in a maximum groundwater mound of 0.95 ft.

The elevation of the basin bottom is 80.80, resulting in a separation of 2.00 ft. to the ESHWT. The separation is greater than the 0.95 ft. maximum groundwater mound, therefore the infiltration basin passes the analysis.

Basins A, B, and C were designed, assuming no infiltration was taking place. They are therefore

not subject to groundwater mounding analyses. Copies of the groundwater table hydraulic impact analyses for Basins 1-9 can be found in Appendix H.

4.5 Off-Site Stability Analysis

In accordance with the Standards for Soil Erosion and Sediment Control in New Jersey, 7th Edition, January 2014, Revised July 2017, Section 21-1, an off-site stability analysis must be conducted on all surface runoff discharge points to protect and maintain the stability of downstream natural resources and off-site property from changes in the rate and volume of downstream runoff created by new construction.

The table below shows the allowable velocities for various soil types:

Table 11-1
Allowable velocity for various soil textures

SOIL TEXTURE	ALLOWABLE VELOCITY ft./sec.
Sand	1.8
Sandy loam	2.5
Silt loam, loam	3.0
Sandy clay loam	3.5
Clay loam	4.0
Clay, fine gravel, graded loam to gravel	5.0
Cobbles	5.5
Shale (non weathered shale)	6.0

FES A- No defined Channel, 3.6% slope

Q25 = 0.17 cfs

Soils are sands based upon NRCS Web Soil Survey

Table 11-1 for sands, Maximum velocity= 1.8 fps

The discharge rate for the 25-year storm from the outlet control structure is 0.17 cfs. This flows into a scour hole with a 7.50' x 6.25' bottom (46.88 SF). Therefore, the average velocity from the scour hole is: $v = \frac{0.17 \text{ cfs}}{46.88 \text{ SF}} = \mathbf{0.003 \text{ fps}}$, which is less than the allowable velocity of 1.8 fps as noted in Table 11-1 for sands.

FES B- No defined Channel, 3.5% slope

Q25 = 0.75 cfs

Soils are sands based upon NRCS Web Soil Survey

Table 11-1 for sands, Maximum velocity= 1.8 fps

The discharge rate for the 25-year storm from the outlet control structure is 0.75 cfs. This flows into a scour hole with a 7.50' x 6.25' bottom (46.88 SF). Therefore, the average velocity from the scour hole is: $v = \frac{0.75 \text{ cfs}}{46.88 \text{ SF}} = \mathbf{0.02 \text{ fps}}$, which is less than the allowable velocity of 1.8 fps as noted in Table 11-1 for sands.

The discharge rate for both scour holes are less than the maximum allowable of 10 cfs. The areas below the outfalls provide erosion resistant natural vegetation, has broad uniform topography which will not concentrate flow and is in stable condition.

OS-9 – EMERGENCY SPILLWAY - No defined Channel, 4.3% slope

Q25 = 0.82 cfs (no infiltration or dead storage volume)

Soils are sands based upon NRCS Web Soil Survey

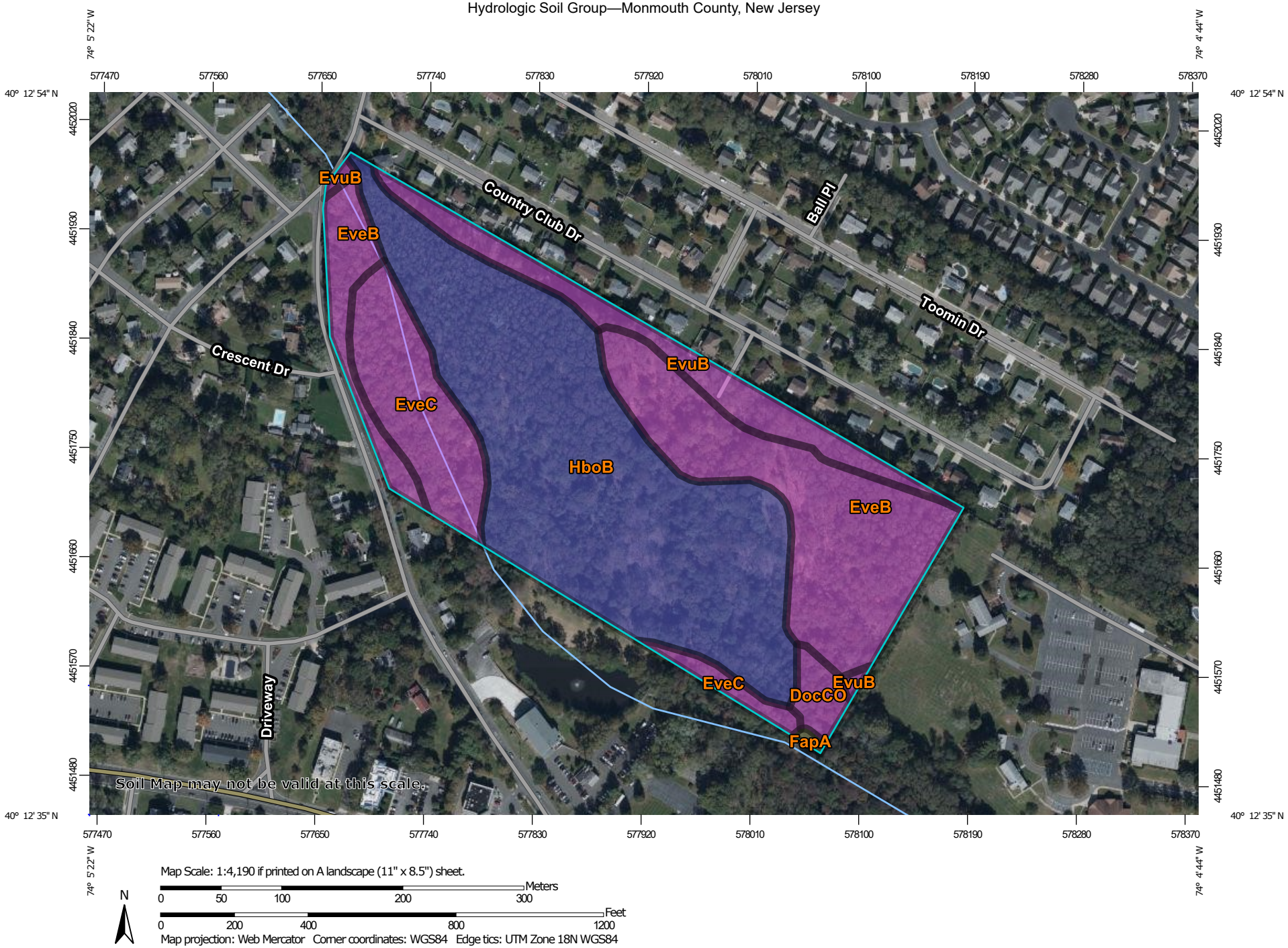
Table 11-1 for sands, Maximum velocity= 1.8 fps

The discharge rate for the 25-year storm from Basin #9 is 0.82 cfs when no infiltration is considered. This flows over a 50-wide emergency spillway. Therefore, the average velocity from the spillway is 0.14 fps, which is less than the allowable velocity of 1.8 fps as noted in Table 11-1 for sands.

5.0 CONCLUSION

Based upon the calculations present in this report, the proposed stormwater management system meets the requirements of the N.J.A.C. 7:8 - New Jersey Stormwater Management Rules and Township of Neptune Requirements.

APPENDIX A
Supporting Documents


74° 5' 22" W
74° 4' 44" W
577470
577560
577650
577740
577830
577920
578010
578100
578190
578280
578370
40° 12' 54" N
40° 12' 35" N
4452020
4451930
4451840
4451750
4451660
4451570
4451480
EvuB
EveB
EveC
HboB
DocCO
FapA
Country Club Dr
Ball Pl
Toomin Dr
Crescent Dr
Driveway
Soil Map may not be valid at this scale.
Map Scale: 1:4,190 if printed on A landscape (11" x 8.5") sheet.
N
0 50 100 200 300 Meters
0 200 400 800 1200 Feet
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 Rating Polygons

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Lines

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

Soil Rating Points

- A
- A/D
- B
- B/D
- C
- C/D
- D
- Not rated or not available

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:
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: Monmouth County, New Jersey
Survey Area Data: Version 15, Aug 31, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 25, 2020—Oct 15, 2020

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.

Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
DocCO	Downer loamy sand, 5 to 10 percent slopes, Northern Tidewater Area	A	0.6	2.0%
EveB	Evesboro sand, 0 to 5 percent slopes	A	8.1	27.1%
EveC	Evesboro sand, 5 to 10 percent slopes	A	3.7	12.2%
EvuB	Evesboro-Urban land complex, 0 to 5 percent slopes	A	2.8	9.3%
FapA	Fallsington loams, 0 to 2 percent slopes, Northern Coastal Plain	C/D	0.1	0.2%
HboB	Hammonton sandy loam, 2 to 5 percent slopes	B	14.7	49.1%
Totals for Area of Interest			**30.0**	**100.0%**

Description

Hydrologic soil groups are based on estimates of runoff potential. Soils are assigned to one of four groups according to the rate of water infiltration when the soils are not protected by vegetation, are thoroughly wet, and receive precipitation from long-duration storms.

The soils in the United States are assigned to four groups (A, B, C, and D) and three dual classes (A/D, B/D, and C/D). The groups are defined as follows:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

If a soil is assigned to a dual hydrologic group (A/D, B/D, or C/D), the first letter is for drained areas and the second is for undrained areas. Only the soils that in their natural condition are in group D are assigned to dual classes.

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-1

SHEET NO.: 1 OF 28

DATE: 1/10/2022

ELEV: 76.5 ±
DEPTH OF WATER: 86" ±
ESHWT DEPTH: 68" ±
ESHWT ELEV: 70.8 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 35"	Brownish Yellow *(10YR 6/6)* **sandy loam**; crumb, friable; (40% gravel)
35"- 42"	Yellow *(10YR 7/6)* **sandy loam**; crumb, friable; (5% gravel)
42"- 68"	Brownish Yellow *(10YR 6/8)* **sandy loam**; crumb, friable
68"- 100"	Yellowish Brown *(10YR 7/6)* **sandy loam**; subangular block, friable; with common, medium, distinct Reddish Yellow *(5YR 6/8)* mottles

END OF SOIL LOG

Notes: Seepage 86"

Signature of Soil Evaluator: _____ Date: / /____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /____

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-2

SHEET NO.: 2 OF 28

DATE: 1/10/2022

ELEV: 80.0 ±
DEPTH OF WATER: 90" ±
ESHWT DEPTH: 83" ±
ESHWT ELEV: 73.1 ±

DEPTH	DESCRIPTION
0" - 11"	Topsoil/Organics
11"- 33"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; crumb, friable; (50% gravel)
33"- 83"	Yellowish Brown *(10YR 5/8)* **sandy loam**; crumb, friable; (15% gravel)
83"- 95"	Gray *(10YR 5/1)* **sandy loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 6/8)* mottles
95"- 120"	Grayish Brown *(10YR 5/2)* **silt loam**; subangular blocky, friable

END OF SOIL LOG

Notes: Seepage 90"

Signature of Soil Evaluator: _____ Date: ___/___/_____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: ___/___/_____

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-3

SHEET NO.: 3 OF 28

DATE: 1/10/2022

ELEV: 78.5 ±
DEPTH OF WATER: 86" ±
ESHWT DEPTH: 72" ±
ESHWT ELEV: 72.5 ±

DEPTH	DESCRIPTION
0" - 6"	Topsoil/Organics
6"- 40"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; crumb, friable; (50% gravel)
40"- 72"	Brownish Yellow *(10YR 6/8)* **sandy loam**; crumb, friable; (15% gravel)
72"- 90"	Gray *(10YR 5/1)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles

END OF SOIL LOG

Notes: Seepage 86"

Signature of Soil Evaluator: _____ Date: ___/___/_____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: ___/___/_____

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-4

SHEET NO.: 4 OF 28

DATE: 1/10/2022

ELEV: 81.3 ±
DEPTH OF WATER: 120" ±
ESHWT DEPTH: 105" ±
ESHWT ELEV: 75.3 ±

DEPTH	DESCRIPTION
0" - 5"	Topsoil/Organics
5"- 30"	Dark Brown *(10YR 3/3)* **silt loam**; crumb, friable
30"- 51"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; crumb, friable; (50% gravel)
51"- 75"	Brownish Yellow *(10YR 6/6)* **sandy clay loam**; crumb, friable
75"-105"	Yellow *(10YR 7/8)* **sandy clay**; subangular blocky, friable
105"-122	Yellow *(10YR 7/6)* **silty clay**; angular blocky, firm; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles

END OF SOIL LOG

Notes: Seepage 120"

Signature of Soil Evaluator: _____ Date: / /____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /____

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-5

SHEET NO.: 5 OF 28

DATE: 1/10/2022

ELEV: 82.5 ±
DEPTH OF WATER: 85" ±
ESHWT DEPTH: 61" ±
ESHWT ELEV: 77.4 ±

DEPTH	DESCRIPTION
0" - 9"	Topsoil/Organics
9"- 61"	Dark Yellowish Brown *(10YR 4/6)* **sandy clay loam**; subangular blocky, friable
61"- 75"	Pale Brown *(10YR 6/3)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
75"- 95"	Brownish Yellow *(10YR 6/6)* **sandy clay loam**; subangular blocky, friable

END OF SOIL LOG

Notes: Seepage 85"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-6

SHEET NO.: 6 OF 28

DATE: 1/10/2022

ELEV: 81.5 ±
DEPTH OF WATER: 82" ±
ESHWT DEPTH: 60" ±
ESHWT ELEV: 76.5 ±

DEPTH	DESCRIPTION
0" - 10"	Topsoil/Organics
10"- 60"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; crumb, friable; (10% gravel)
60"- 72"	Pale Brown *(10YR 6/3)* **sandy loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
72"- 90"	Brownish Yellow *(10YR 6/6)* **sandy clay loam**; crumb, friable; (25% gravel)

END OF SOIL LOG

Notes: Seepage 82"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-7

SHEET NO.: 7 OF 28

DATE: 1/10/2022

ELEV: 84.5 ±
DEPTH OF WATER: 75" ±
ESHWT DEPTH: 49" ±
ESHWT ELEV: 80.4 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 49"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; subangular blocky, friable
49"- 66"	Pale Brown *(10YR 6/3)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
66"- 80"	Brownish Yellow *(10YR 6/6)* **sandy loam**; crumb, friable; (50% gravel)

END OF SOIL LOG

Notes: Seepage 75"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-8

SHEET NO.: 8 OF 28

DATE: 1/10/2022

ELEV: 79.1 ±
DEPTH OF WATER: 65" ±
ESHWT DEPTH: 54" ±
ESHWT ELEV: 74.6 ±

DEPTH	DESCRIPTION
0" - 3"	Topsoil/Organics
3"- 20"	Dark Yellowish Brown *(10YR 3/6)* **sandy clay loam**; subangular blocky, friable
20"- 54"	Yellowish Brown *(10YR 5/4)* **sandy loam**; subangular blocky, friable
54"- 63"	Brownish Yellow *(10YR 6/6)* **sandy loam**; crumb, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles (20% gravel)
63"- 90"	Reddish Yellow *(5YR 4/6)* **sandy loam**; subangular blocky, friable; (10% gravel)

END OF SOIL LOG

Notes: Seepage 65"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-9

SHEET NO.: 9 OF 28

DATE: 1/10/2022

ELEV: 79.0 ±
DEPTH OF WATER: 69" ±
ESHWT DEPTH: 57" ±
ESHWT ELEV: 74.3 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 41"	Dark Yellowish Brown *(10YR 6/4)* **silty clay loam**; subangular blocky, friable
41"- 57"	Yellowish Brown *(10YR 5/8)* **sandy loam**; crumb, friable; (40% gravel)
57"- 77"	Brownish Yellow *(10YR 5/8)* **sandy loam**; crumb, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles (20% gravel)

END OF SOIL LOG

Notes: Seepage 69"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-10

SHEET NO.: 10 OF 28

DATE: 1/10/2022

ELEV: 78.5 ±
DEPTH OF WATER: 49" ±
ESHWT DEPTH: 38" ±
ESHWT ELEV: 75.3 ±

DEPTH	DESCRIPTION
0" - 6"	Topsoil/Organics
6"- 28"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; crumb, friable; (30% gravel)
28"- 38"	Yellowish Brown *(10YR 5/8)* **sandy clay loam**; subangular blocky, friable; (5% gravel)
38"- 61"	Brownish Yellow *(10YR 5/8)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Light Gray *(10YR 7/2)* mottles
61"- 75"	Light Gray *(10YR 7/2)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 49"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-11

SHEET NO.: 11 OF 28

DATE: 1/10/2022

ELEV: 84.7 ±
DEPTH OF WATER: 80" ±
ESHWT DEPTH: 54" ±
ESHWT ELEV: 80.2 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 54"	Dark Yellowish Brown *(10YR 4/6)* **sandy loam**; crumb, friable; (15% gravel)
54"- 68"	Pale Brown *(10YR 6/3)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
68"- 105"	Grayish Brown *(10YR 5/2)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 80"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-12

SHEET NO.: 12 OF 28

DATE: 1/10/2022

ELEV: 80.9 ±
DEPTH OF WATER: 45" ±
ESHWT DEPTH: 30" ±
ESHWT ELEV: 78.4 ±

DEPTH	DESCRIPTION
0" - 14"	Topsoil/Organics
14"- 30"	Gray *(10YR 6/1)* **silty clay**; angular blocky, firm
30"- 40"	Light Gray *(10YR 7/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Brownish Yellow *(10YR 6/6)* mottles
40"- 65"	Grayish Brown *(10YR 5/2)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 45"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-13

SHEET NO.: 13 OF 28

DATE: 1/10/2022

ELEV: 81.4 ±
DEPTH OF WATER: 52" ±
ESHWT DEPTH: 30" ±
ESHWT ELEV: 78.9 ±

DEPTH	DESCRIPTION
0" - 18"	Topsoil/Organics
18"- 30"	Gray *(10YR 6/1)* **silty clay**; angular blocky, firm
30"- 45"	Light Gray *(10YR 7/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Brownish Yellow *(10YR 6/6)* mottles
45"- 75"	Grayish Brown *(10YR 5/2)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 52"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-14

SHEET NO.: 14 OF 28

DATE: 1/10/2022

ELEV: 82.0 ±
DEPTH OF WATER: 46" ±
ESHWT DEPTH: 42" ±
ESHWT ELEV: 72.5 ±

DEPTH	DESCRIPTION
0" - 12"	Topsoil/Organics
12"- 29"	Light Yellowish Brown *(10YR 6/4)* **sandy clay loam**; subangular blocky, friable
29"- 42"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; crumb, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles; (45% gravel)
42"- 60"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (50% gravel)

END OF SOIL LOG

Notes: Seepage 46"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-15

SHEET NO.: 15 OF 28

DATE: 1/10/2022

ELEV: 82.5 ±
DEPTH OF WATER: 66" ±
ESHWT DEPTH: 48" ±
ESHWT ELEV: 78.5 ±

DEPTH	DESCRIPTION
0" - 6"	Topsoil/Organics
6"- 18"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; subangular blocky, friable
18"- 38"	Yellowish Brown *(10YR 5/6)* **sandy clay loam**; subangular blocky, friable
38"- 48"	Brownish Yellow *(10YR 5/8)* **sandy loam**; crumb, friable
48"- 60"	Brownish Yellow *(10YR 5/8)* **sandy loam**; crumb, friable; with common, medium, distinct Light Gray *(10YR 7/2)* mottles
60"-80"	Brown *(10YR 5/3)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 66"

Signature of Soil Evaluator: _____ Date: / /____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /____

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-16

SHEET NO.: 16 OF 28

DATE: 1/10/2022

ELEV: 82.0 ±
DEPTH OF WATER: 62" ±
ESHWT DEPTH: 47" ±
ESHWT ELEV: 78.1 ±

DEPTH	DESCRIPTION
0" - 6"	Topsoil/Organics
6"- 18"	Light Yellowish Brown *(10YR 6/4)* **sandy clay loam**; subangular blocky, friable
18"- 47"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; subangular blocky, friable
47"- 58"	Light Brownish Gray *(10YR 6/2)* **sandy loam**; crumb, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
58"- 80"	Brownish Yellow *(10YR 5/8)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 62"

Signature of Soil Evaluator: _____ Date: / /____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /____

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1800 State Highway 34, Suite 101
Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-17

SHEET NO.: 17 OF 28

DATE: 1/10/2022

ELEV: 81.5 ±
DEPTH OF WATER: 50" ±
ESHWT DEPTH: 36" ±
ESHWT ELEV: 78.5 ±

DEPTH	DESCRIPTION
0" - 6"	Topsoil/Organics
6"- 36"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; subangular blocky, friable
36"- 52"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
52"- 88"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (50% gravel)

END OF SOIL LOG

Notes: Seepage 50"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

FRENCH & PARRELLO ASSOCIATES, P.A.

1800 State Highway 34, Suite 101
Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-18

SHEET NO.: 18 OF 28

DATE: 1/10/2022

ELEV: 81.0 ±
DEPTH OF WATER: 58" ±
ESHWT DEPTH: 32" ±
ESHWT ELEV: 78.3 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 32"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; subangular blocky, friable
32"- 42"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
42"- 65"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (40% gravel)

END OF SOIL LOG

Notes: Seepage 58"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

FRENCH & PARRELLO ASSOCIATES, P.A.

1800 State Highway 34, Suite 101
Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-19

SHEET NO.: 19 OF 28

DATE: 1/10/2022

ELEV: 82.0 ±
DEPTH OF WATER: 62" ±
ESHWT DEPTH: 40" ±
ESHWT ELEV: 78.7 ±

DEPTH	DESCRIPTION
0" - 8"	Topsoil/Organics
8"- 40"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; subangular blocky, friable
40"- 65"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
65"- 80"	Yellowish Brown *(10YR 5/6)* **sandy loam**; subangular blocky, friable

END OF SOIL LOG

Notes: Seepage 62"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

FRENCH & PARRELLO ASSOCIATES, P.A.

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-20

SHEET NO.: 20 OF 28

DATE: 1/10/2022

ELEV: 79.9 ±
DEPTH OF WATER: 63" ±
ESHWT DEPTH: 44" ±
ESHWT ELEV: 76.2 ±

DEPTH	DESCRIPTION
0" – 9"	Topsoil/Organics
9"- 44"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; crumb, friable
44"- 62"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
62"- 80"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable

END OF SOIL LOG

Notes: Seepage 63"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-21

SHEET NO.: 21 OF 28

DATE: 1/10/2022

ELEV: 81.0 ±
DEPTH OF WATER: 63" ±
ESHWT DEPTH: 49" ±
ESHWT ELEV: 76.9 ±

DEPTH	DESCRIPTION
0" – 8"	Topsoil/Organics
8"- 49"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; crumb, friable
49"- 58"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
58"- 78"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (40% gravel)

END OF SOIL LOG

Notes: Seepage 60"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-22

SHEET NO.: 22 OF 28

DATE: 1/10/2022

ELEV: 80.0 ±
DEPTH OF WATER: 62" ±
ESHWT DEPTH: 43" ±
ESHWT ELEV: 76.4 ±

DEPTH	DESCRIPTION
0" – 10"	Topsoil/Organics
10"- 43"	Dark Yellowish Brown *(10YR 4/4)* **sandy clay loam**; subangular blocky, friable
43"- 55"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
55"- 78"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (35% gravel)

END OF SOIL LOG

Notes: Seepage 62"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

FRENCH & PARRELLO ASSOCIATES, P.A.

1800 State Highway 34, Suite 101
Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-23

SHEET NO.: 23 OF 28

DATE: 1/10/2022

ELEV: 80.0 ±
DEPTH OF WATER: 69" ±
ESHWT DEPTH: 51" ±
ESHWT ELEV: 75.8 ±

DEPTH	DESCRIPTION
0" – 8"	Topsoil/Organics
8"- 51"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; crumb, friable
51"- 62"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
62"- 80"	Reddish Yellow *(5YR 4/6)* **sandy loam**; crumb, friable; (25% gravel)

END OF SOIL LOG

Notes: Seepage 69"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-24

SHEET NO.: 24 OF 28

DATE: 1/10/2022

ELEV: 81.0 ±
DEPTH OF WATER: 67" ±
ESHWT DEPTH: 53" ±
ESHWT ELEV: 76.6 ±

DEPTH	DESCRIPTION
0" – 7"	Topsoil/Organics
7"-53"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; crumb, friable
53"- 65"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
65"- 85"	Yellowish Brown *(10YR 5/6)* **sandy loam**; crumb, friable; (25% gravel)

END OF SOIL LOG

Notes: Seepage 67"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-25

SHEET NO.: 25 OF 28

DATE: 1/10/2022

ELEV: 81.4 ±
DEPTH OF WATER: 65" ±
ESHWT DEPTH: 55" ±
ESHWT ELEV: 76.8 ±

DEPTH	DESCRIPTION
0" – 6"	Topsoil/Organics
6"-25"	Dark Yellowish Brown *(10YR 4/6)* **sandy clay loam**; subangular blocky, friable
25"- 55"	Brownish Yellow *(10YR 6/6)* **sandy loam**; crumb, friable; (25% gravel)
55"- 80"	Yellowish Brown *(10YR 6/6)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Dark Yellowish Brown *(10YR 4/6)* mottles (20% gravel)
80"-95"	Very Pale Brown *(10YR 7/3)* **sandy loam**; crumb, friable; (5% gravel)

END OF SOIL LOG

Notes: Seepage 65"

Signature of Soil Evaluator: _____ Date: / /____
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /____

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-26

SHEET NO.: 26 OF 28

DATE: 1/10/2022

ELEV: 78.9 ±
DEPTH OF WATER: 60" ±
ESHWT DEPTH: 46" ±
ESHWT ELEV: 75.1 ±

DEPTH	DESCRIPTION
0" – 8"	Topsoil/Organics
8"-46"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; subangular blocky, friable
46"- 57"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
57"- 80"	Yellowish Brown *(10YR 5/6)* **sandy loam**; subangular blocky friable; (30% gravel)

END OF SOIL LOG

Notes: Seepage 60"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

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Wall, New Jersey 07719

SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-27

SHEET NO.: 27 OF 28

DATE: 1/10/2022

ELEV: 80.1 ±
DEPTH OF WATER: 58" ±
ESHWT DEPTH: 49" ±
ESHWT ELEV: 76.0 ±

DEPTH	DESCRIPTION
0" – 5"	Topsoil/Organics
5"-49"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; subangular blocky, friable
49"- 61"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
61"- 75"	Yellowish Brown *(10YR 5/6)* **sandy loam**; subangular blocky friable; (40% gravel)

END OF SOIL LOG

Notes: Seepage 58"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

FRENCH & PARRELLO ASSOCIATES, P.A.

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SOIL LOG

HOLY INNOCENTS
Block 3101 Lot 1
Township of Neptune NJ 07753
Monmouth County
(FPA NO. 17340.002)

SOIL LOG NO.: TP-28

SHEET NO.: 28 OF 28

DATE: 1/10/2022

ELEV: 79.2 ±
DEPTH OF WATER: 65" ±
ESHWT DEPTH: 44" ±
ESHWT ELEV: 75.5 ±

DEPTH	DESCRIPTION
0" – 7"	Topsoil/Organics
7"-44"	Dark Yellowish Brown *(10YR 4/4)* **sandy loam**; subangular blocky, friable
44"- 57"	Light Brownish Gray *(10YR 6/2)* **sandy clay loam**; subangular blocky, friable; with common, medium, distinct Reddish Yellow *(5YR 4/6)* mottles
57"- 79"	Yellowish Brown *(10YR 5/6)* **sandy loam**; subangular blocky friable; (40% gravel)

END OF SOIL LOG

Notes: Seepage 65"

Signature of Soil Evaluator: _____ Date: / /
Mark Kalusz, EIT

Signature of Professional Engineer: _____
Brian R. Decina, PE Date: / /

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-29
DATE: 3/16/2022

GROUND ELEV.: 83.1 ±
DEPTH OF WATER: 2'7" ±
GROUNDWATER ELEV.: 80.5 ±
SEASONAL HIGH-WATER ELEV.: 81.0 ±

DEPTH	DESCRIPTION
0 – 18"	Dark Brown **Clayey SILT**, little f Sand. (w/ large roots)
18 – 48"	Tan-Grey mf **SAND**, some^{+} Silt.
48 – 54"	Tan cmf **SAND**, little cmf Gravel, trace Silt.

END OF TEST PIT AT @ 4'6"

NOTES: Orange-Brown mottling at 25".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-30
DATE: 3/16/2022

GROUND ELEV.: 85.5±
DEPTH OF WATER: 5'4" ±
GROUNDWATER ELEV.: 80.2 ±
SEASONAL HIGH-WATER ELEV.: 81.0 ±

DEPTH	DESCRIPTION
0 – 18"	Dark Brown **Clayey SILT**, some f Sand. (w/ large roots)
18 – 47"	Orange-Brown cmf **SAND**, little^{+} cmf Gravel, trace Silt.
47 – 66"	Tan c^{+}mf **SAND**, little^{+} cmf Gravel, trace Silt.

END OF TEST PIT AT @ 5'6"

NOTES: Orange-Brown mottling at 54".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-31
DATE: 3/16/2022

GROUND ELEV.: 86.5±
DEPTH OF WATER: 5'11" ± (Minor seepage)
GROUNDWATER ELEV.: 80.6 ±
SEASONAL HIGH-WATER ELEV.: 81.1 ±

DEPTH	DESCRIPTION
0 – 30"	Brown **Clayey SILT**, trace^{+} mf^{+} Sand. (w/ many roots)
30 – 64"	Light Tan-Brown cm^{+}f **SAND**, some^{+} cm^{+}f Gravel, little^{+} Silt.
64 – 76"	Light Grey-Brown **SILT**, trace^{+} c^{-}mf Sand.

END OF TEST PIT AT @ 6'4"

NOTES: Orange-Brown mottling at 65".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-32
DATE: 3/16/2022

GROUND ELEV.: 85.9±
DEPTH OF WATER: 6'11" ±
GROUNDWATER ELEV.: 79.0 ±
SEASONAL HIGH-WATER ELEV.: 79.7 ±

DEPTH	DESCRIPTION
0 – 15"	Dark Brown **Clayey SILT**, trace m⁺f Sand. (w/ some roots)
15 – 32"	Light Brown **Clayey SILT**, trace⁺ mf Sand, trace⁺ mf Gravel.
33 – 60"	Tan-Brown cm⁺f **SAND**, some⁺ cm⁺f Gravel, little⁺ Silt.
60 – 90"	Light Yellow-Brown mf⁺ **SAND**, some⁻ Silt, little⁺ c⁻mf Gravel.

END OF TEST PIT AT @ 8'4"

NOTES: Orange-Brown mottling at 75".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-33
DATE: 3/16/2022

GROUND ELEV.: 85.2±
DEPTH OF WATER: 6' ±
GROUNDWATER ELEV.: 79.2±
SEASONAL HIGH-WATER ELEV.: 79.9±

DEPTH	DESCRIPTION
0 – 24"	Dark Brown **Clayey SILT**, little f Sand. (w/ roots)
24 – 74"	Orange-Tan cmf **SAND**, little cmf Gravel, trace^{+} Silt.

END OF TEST PIT AT @ 6'2"

NOTES: Orange-Brown mottling at 64".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-34
DATE: 3/16/2022

GROUND ELEV.: 79.5±
DEPTH OF WATER: 5' ±
GROUNDWATER ELEV.: 74.5±
SEASONAL HIGH-WATER ELEV.: 76.7 ±

DEPTH	DESCRIPTION
0 – 8"	Dark Brown **Clayey SILT**, trace^{+} mf^{+} Sand. (w/ few roots)
8 – 36"	Light Brown **Clayey SILT**, little mf^{+} Sand.
36 – 65"	Tan-Brown cm^{+}f **SAND**, some c^{-}mf Gravel, some^{-} Silt.
65 – 70"	Light Brown & Tan-Brown cmf **SAND**, little^{+} Silt, little mf Gravel.

END OF TEST PIT AT @ 5'10"

NOTES: Tan mottling at 34".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-35
DATE: 3/16/2022

GROUND ELEV.: 79.1±
DEPTH OF WATER: 3'5" ±
GROUNDWATER ELEV.: 75.7±
SEASONAL HIGH-WATER ELEV.: 76.0±

DEPTH	DESCRIPTION
0 – 19"	Dark Brown **Clayey SILT**, little^{-} f Sand. (w/ roots)
19 – 42"	Tan-Brown c^{+}mf **SAND**, some^{-} cmf Gravel, some- Silt.

END OF TEST PIT AT @ 3'6"

NOTES: Tan mottling at 37".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-36
DATE: 3/18/2022

GROUND ELEV.: 80.5±
DEPTH OF WATER: 5' ±
GROUNDWATER ELEV.: 75.5 ±
SEASONAL HIGH-WATER ELEV.: 76.3 ±

DEPTH	DESCRIPTION
0 – 12"	Light Grey-Brown mf **SAND**, little Silt.
12 – 48"	Light Tan-Orange mf **SAND**, little^{+} Silt.
48 – 60"	Orange-Tan cmf **SAND**, little^{+} cmf Gravel, little^{+} Silt.

END OF TEST PIT AT @ 5'

NOTES: Orange-Brown mottling at 51".

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-37
DATE: 3/18/2022

GROUND ELEV.: 81.0±
DEPTH OF WATER: 6'6" ±
GROUNDWATER ELEV.: 74.5 ±
SEASONAL HIGH-WATER ELEV.: 75.8 ±

DEPTH	DESCRIPTION
0 – 12"	Light Grey-Brown mf^{+} **SAND**, little^{+} Silt.
12 – 60"	Tan mf^{+} **SAND**, little^{+} Silt.
60 – 84"	Orange-Tan cmf **SAND**, little cmf Gravel, trace Silt.

END OF TEST PIT AT @ 7'10"

NOTES: Orange-Brown mottling at 62"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-38
DATE: 3/18/2022

GROUND ELEV.: 80.0 ±
DEPTH OF WATER: 4'5" ±
GROUNDWATER ELEV.: 75.6±
SEASONAL HIGH-WATER ELEV.: 76.3 ±

DEPTH	DESCRIPTION
0 – 12"	Light Brown mf^{+} **SAND**, and^{-} Silt.
12 – 60"	Tan-Grey mf **SAND**, little^{+} Silt.
60 – 64"	Orang-Brown cmf **SAND**, little^{+} cmf Gravel, little^{+} Silt.

END OF TEST PIT AT @ 12'

NOTES: Orange-Brown mottling at 44"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-39
DATE: 3/18/2022

GROUND ELEV.: 80.1±
DEPTH OF WATER: 5' ±
GROUNDWATER ELEV.: 75.1±
SEASONAL HIGH-WATER ELEV.: 76.3 ±

DEPTH	DESCRIPTION
0 – 30"	Light Brown mf^{+} **SAND**, and^{-} Silt.
30 – 60"	Tan-Grey **SILT**, and mf Sand, trace mf Gravel.
60 – 64"	Orange-Brown c^{+}mf **SAND** some cmf Gravel, little Silt.

END OF TEST PIT AT @ 5'4"

NOTES: Orange-Brown mottling at 46"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-40
DATE: 3/16/2022

GROUND ELEV.: 80.0±
DEPTH OF WATER: 3'9" ± (Minor Seepage)
GROUNDWATER ELEV.: 76.3 ±
SEASONAL HIGH-WATER ELEV.: 76.7±

DEPTH	DESCRIPTION
0 – 6"	Dark Brown **Clayey SILT**, little^{-} mf^{+} Sand. (w/ few large roots)
6 – 17"	Light Brown **SILT**, and^{-} mf^{+} Sand, trace^{-} f Gravel.
17 – 43"	Light Brown mf^{+} **SAND**, some^{+} Silt, little^{+} cm^{+}f Gravel.
43 – 90"	Orange-Brown & Light Grey f **SAND**, and^{-} Silt.

END OF TEST PIT AT @ 8'4"

NOTES: Orange-Brown mottling at 40"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-41
DATE: 3/18/2022

GROUND ELEV.: 79.9±
DEPTH OF WATER: 4' ±
GROUNDWATER ELEV.: 75.9 ±
SEASONAL HIGH-WATER ELEV.: 76.7 ±

DEPTH	DESCRIPTION
0 – 22"	Dark Brown **Clayey SILT**, little mf Sand.
22 – 50"	Orange-Tan & Grey mf^{+} **SAND**, some Silt, trace^{+} cmf Gravel.

END OF TEST PIT AT @ 4'2"

NOTES: Red-Brown mottling at 38"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-42
DATE: 3/18/2022

GROUND ELEV.: 81.0±
DEPTH OF WATER: 4' 8"±
GROUNDWATER ELEV.: 76.3±
SEASONAL HIGH-WATER ELEV.: 76.8±

DEPTH	DESCRIPTION
0 – 32"	Light Brown $m^{-}f^{+}$ SAND, and^{-} Silt, $trace^{-}$ f Gravel. (w/ some roots)
32 – 65"	Orange-Brown c^{+}mf **SAND**, $some^{+}$ cm^{+}f Gravel, $little^{+}$ Silt.

END OF TEST PIT AT @ 5'5"

NOTES: Red-Brown mottling at 50"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-43
DATE: 3/16/2022

GROUND ELEV.: 80.0±
DEPTH OF WATER: 3'3" ±
GROUNDWATER ELEV.: 76.8 ±
SEASONAL HIGH-WATER ELEV.: 77.1 ±

DEPTH	DESCRIPTION
0 – 21"	Dark Brown **Clayey SILT**, little f Sand, trace mf Gravel.
21 – 36"	Brown-Grey cmf **SAND**, and- Clayey Silt.
36 – 48"	Orange-Brown cmf **SAND**, some- cmf Gravel, trace Silt.

END OF TEST PIT AT @ 4'

NOTES: Orange-Brown mottling at 35"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: M. Milgrom	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

TEST PIT LOG

HOLY INNOCENTS DUE DILIGENCE SERVICES, BLOCK 3101, LOT 1
NEPTUNE TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY (FPA JOB NO. 17340.002)

TEST PIT NO.: TP-44
DATE: 3/18/2022

GROUND ELEV.: 80.5±
DEPTH OF WATER: 3'9" ±
GROUNDWATER ELEV.: 76.8 ±
SEASONAL HIGH-WATER ELEV.: 77.4 ±

DEPTH	DESCRIPTION
0 – 18"	Dark Brown **Clayey SILT**, trace^{+} m^{-}f Sand. (w/ some small roots)
18 – 29"	Light Brown **SILT & CLAY**, some^{-} m^{-}f Sand, trace f Gravel.
29 – 54"	Tan-Brown cm^{+}f **SAND**, some^{+} cm^{+}f Gravel, little Silt.

END OF TEST PIT AT @ 4'6"

NOTES: Orange-Brown mottling at 37"

SOILS ENGINEER: J. Tierney, PE	**CONTRACTOR:**
TEST PIT OBSERVER: C. Pulaski	**EXCAVATOR:**

The information shown hereon indicates the subsurface conditions encountered at the specified test pit location on the date(s) of excavation. Subsurface conditions are likely to vary across the project site. Interpretation of the subsurface data shall be at the discretion of the user.

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **1 (TP-1)** Date Tested **1-6-2022**

2. Depth **40" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 6 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **0.25**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.5"**	**0.50"**
7"	**6.6"**	**0.40"**
7"	**6.6"**	**0.40"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **5.6 min**
   b. Percolation Rate = a/6 = 5.6/ 6= **0.93** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **0.93** min/in. = **21.5** in/ hr **21.5**/2 = **10.75 in/hr** Therefore, Use **10.00 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **2 (TP-2)** Date Tested **1-6-2022**

2. Depth **36" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 2.5 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **0.25**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**5.3"**	**1.70"**
7"	**5.6"**	**1.40"**
7"	**5.7"**	**1.30"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **1.25 min**
   b. Percolation Rate = a/6 = 1.25/ 6= **0.21** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **0.21** min/in. = **95.2** in/ hr **95.2**/2 = **47.6 in/hr** Therefore, Use **10.00 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

Percolation Test Data: Block **3101** Lot **1**

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

1. Test Number **3 (TP-3)** Date Tested **1-6-2022**

2. Depth **36" below grade**

3. Pre-soak:
X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 3 MIN
_____ Four Hour Pre-soak completed - Indicate result:
_____ Test Hole Drained within 15 to 24 hours after Pre-soak
_____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
a. Time Interval Selected, Minutes **0.25**
b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**5.6"**	**1.40"**
7"	**5.7"**	**1.30"**
7"	**5.7"**	**1.30"**

5. Percolation Rate:
a. Time, minutes, Required for a Six-inch Drop in the Water level **1.5 min**
b. Percolation Rate = a/6 = 1.5/ 6= **0.25** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
K = 20/ **0.25** min/in. = **80** in/ hr **80**/2 = **40 in/hr** Therefore, Use **10.00 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

Percolation Test Data: Block **3101** Lot **1**

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

1. Test Number **4 (TP-8)** Date Tested **1-6-2022**

2. Depth **20" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 225 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 20
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **185 min**
   b. Percolation Rate = a/6 = 185/ 6= **30.8** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **30.8** min/in. = **0.65** in/ hr **0.65**/2 = **0.33 in/hr** Therefore, Use 0.33 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **5 (TP-10)** Date Tested **1-6-2022**

2. Depth **10" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 50 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **2.0**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.3"**	**0.7"**
7"	**6.2"**	**0.8"**
7"	**6.2"**	**0.8"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **25 min**
   b. Percolation Rate = a/6 = 25/ 6= **4.2** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **4.2** min/in. = **4.7** in/ hr **4.7**/2 = **2.35 in/hr** Therefore, Use **2.35 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

Percolation Test Data: Block **3101** Lot **1**

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **6 (TP-15)** Date Tested **1-6-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 55 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **5**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **50 min**
   b. Percolation Rate = a/6 = 50/ 6= **8.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **8.3** min/in. = **2.4** in/ hr **2.4**/2 = **1.2 in/hr** Therefore, Use **1.2 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **7 (TP-17)** Date Tested **1-6-2022**

2. Depth **6" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 222 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 25
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **183 min**
   b. Percolation Rate = a/6 = 183/ 6= **30.5** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **30.5** min/in. = **0.66** in/ hr **0.66**/2 = **0.33 in/hr** Therefore, Use 0.33 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **8 (TP-12)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 340 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 20
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.5"**	**0.5"**
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **294 min**
   b. Percolation Rate = a/6 = 294/ 6= **49** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **49** min/in. = **0.41**in/ hr **0.41**/2 = **0.21 in/hr** Therefore, Use 0.21 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **9 (TP-13)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 314 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 25
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **266 min**
   b. Percolation Rate = a/6 = 266/ 6= **44.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **44.3** min/in. = **0.45**in/ hr **0.45**/2 = **0.23 in/hr** Therefore, Use 0.23 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **10 (TP-14)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 362 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 30
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **305 min**
   b. Percolation Rate = a/6 = 305/ 6= **50.8** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **50.8** min/in. = **0.39**in/ hr **0.39**/2 = **0.20 in/hr** Therefore, Use 0.20 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **11 (TP-23)** Date Tested **1-6-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 60 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **10**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **89**
   b. Percolation Rate = a/6 = 89/ 6= **14.83** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **14.83** min/in. = **1.35** in/ hr /2 = **0.68 in/hr** Therefore, Use 0.68 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **12 (TP-26)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 60 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **5**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **40**
   b. Percolation Rate = a/6 = 40/ 6= **6.7** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **6.7** min/in. = **3.0** in/ hr /2 = **1.5 in/hr** Therefore, Use 1.5 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **13 (TP-27)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 46 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **5**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **32**
   b. Percolation Rate = a/6 = 32/ 6= **5.41**min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **5.41** min/in. = **3.7** in/ hr /2 = **1.85 in/hr** Therefore, Use 1.85 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **14 (TP-28)** Date Tested **1-6-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 38 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **5**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **26**
   b. Percolation Rate = a/6 = 26/ 6= **4.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **4.3** min/in. = **4.7** in/ hr /2 = **2.35 in/hr** Therefore, Use 2.35 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **15 (TP-29)** Date Tested **3-16-2022**

2. Depth **12" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 222 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 25
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **188 min**
   b. Percolation Rate = a/6 = 188/ 6= **31.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **31.3** min/in. = **0.64**in/ hr **0.64**/2 = **0.32 in/hr** Therefore, Use 0.32 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **16 (TP-30)** Date Tested **3-16-2022**

2. Depth **38" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 15
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 4
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**4.0"**	**3.0"**
7"	**4.5"**	**2.5"**
7"	**4.5"**	**2.5"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **9 min**
   b. Percolation Rate = a/6 = 1.5/ 6= **1.5** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **1.5** min/in. = **13.3** in/ hr **13.3**/2 = **6.66 in/hr** Therefore, Use **6.66 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **17 (TP-31)** Date Tested **3-16-2022**

2. Depth **42" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 55
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 4
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**5.6"**	**1.7"**
7"	**5.9"**	**1.1"**
7"	**5.9"**	**1.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **41**
   b. Percolation Rate = a/6 = 41/ 6= **6.83** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **6.83** min/in. = **2.92** in/ hr **2.92**/2 = **1.46 in/hr** Therefore, Use

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **18 (TP-32)** Date Tested **3-16-2022**

2. Depth **36" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes, 25
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **4**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**5.0"**	**2.0"**
7"	**5.0"**	**2.0"**
7"	**5.0"**	**2.0"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **17 min**
   b. Percolation Rate = a/6 = 17/ 6= **2.83** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **2.83** min/in. = **7.1** in/ hr **7.1**/2 = **3.55 in/hr** Therefore, Use **3.55 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **19 (TP-33)** Date Tested **3-16-2022**

2. Depth **42" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes, 14
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **4**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**2.0"**	**5.0"**
7"	**2.0"**	**5.0"**
7"	**2.0"**	**5.0"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **10 min**
   b. Percolation Rate = a/6 = 10/ 6= **1.6** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **1.6** min/in. = **12.5** in/ hr **12.5**/2 = **6.25 in/hr** Therefore, Use **6.25 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data:

1. Test Number **20 (TP-34)** Date Tested **1-6-2022**

2. Depth **18" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 245 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 20
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **198 min**
   b. Percolation Rate = a/6 = 198/ 6= **33** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **33** min/in. = **0.61** in/ hr **0.61**/2 = **0.31 in/hr** Therefore, Use 0.31 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **21 (TP-35)** Date Tested **3-18-2022**

2. Depth **19" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 168 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 10
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.5"**	**0.5"**
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **114**
   b. Percolation Rate = a/6 = 114/ 6= **19** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **19** min/in. = **1.05** in/ hr **1.05**/2 = **0.53 in/hr** Therefore, Use

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **22 (TP-36)** Date Tested **3-18-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 243 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **20**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **184**
   b. Percolation Rate = a/6 = 184/ 6= **30.7**min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **30.7** min/in. = **0.65** in/ hr /2 = **0.33 in/hr** Therefore, Use 0.33 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **23 (TP-37)** Date Tested **3-16-2022**

2. Depth **30" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes, 120
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **1**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.0"**	**1.0"**
7"	**6.6"**	**0.4"**
7"	**6.6"**	**0.4"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **89 min**
   b. Percolation Rate = a/6 = 10/ 6= **14.8** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **14.8** min/in. = **2.7** in/ hr **2.7**/2 = **1.34 in/hr** Therefore, Use **1.34 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **24 (TP-38)** Date Tested **3-16-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 288 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **25**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **216**
   b. Percolation Rate = a/6 = 216/ 6= 36 min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ 36 min/in. = **0.56** in/ hr /2 = **0.28 in/hr** Therefore, Use 0.28 in/hr

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **25 (TP-39)** Date Tested **3-16-2022**

2. Depth **30" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, Minutes 189 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes **10**
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.8"**	**0.2"**
7"	**6.9"**	**0.1"**
7"	**6.9"**	**0.1"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **111 min**
   b. Percolation Rate = a/6 = 111/ 6= **18.5** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **18.5** min/in. = **1.08** in/ hr **1.08**/2 = **0.54 in/hr** Therefore, Use **0.54 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **26 (TP-40)** Date Tested **3-18-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 218 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 15
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **174**
   b. Percolation Rate = a/6 = 174/ 6= **29** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **29** min/in. = **0.69** in/ hr **0.69**/2 = **0.35 in/hr** Therefore, Use **0.35 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **27 (TP-41)** Date Tested **3-18-2022**

2. Depth **24" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 220 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 15
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **164**
   b. Percolation Rate = a/6 = 164/ 6= **27.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **27.3** min/in. = **0.73** in/ hr **0.73**/2 = **0.36 in/hr** Therefore, Use **0.36 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **28 (TP-42)** Date Tested **3-18-2022**

2. Depth **32" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 198 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 15
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.6"**	**0.4"**
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **148**
   b. Percolation Rate = a/6 = 148/ 6= **24.7** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **24.7** min/in. = **0.81** in/ hr **0.81**/2 = **0.41 in/hr** Therefore, Use **0.41 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **29 (TP-43)** Date Tested **3-18-2022**

2. Depth **21" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 240 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 15
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **171**
   b. Percolation Rate = a/6 = 171/ 6= **28.5** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **28.5** min/in. = **0.70** in/ hr **0.70**/2 = **0.35 in/hr** Therefore, Use **0.35 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

COUNTY/MUNICIPALITY MONMOUTH / NEPTUNE

Percolation Test Data: Block **3101** Lot **1**

1. Test Number **30 (TP-44)** Date Tested **3-18-2022**

2. Depth **29" below grade**

3. Pre-soak:
   X Sandy Textured Soil Only, Shortened Pre-soak - Indicate Time Required for 12 in. of Water to Drain after Second Filling, 275 MIN
   _____ Four Hour Pre-soak completed - Indicate result:
   _____ Test Hole Drained within 15 to 24 hours after Pre-soak
   _____ Test Hole did not Drain within 24 hours after Pre-soak

4. Rate of Fall Data:
   a. Time Interval Selected, Minutes 20
   b. Record the Drop in Water Level during each time Interval to the nearest 1/10th-inch on the line below:

Depth of Water, Start of Interval (inches)	Depth of Water, End of Interval (inches)	Drop in Water Level (inches)
7"	**6.7"**	**0.3"**
7"	**6.8"**	**0.2"**
7"	**6.8"**	**0.2"**

5. Percolation Rate:
   a. Time, minutes, Required for a Six-inch Drop in the Water level **206**
   b. Percolation Rate = a/6 = 206/ 6= **34.3** min/in

6. Per NJ Stormwater Best Management Practices Manual, Appendix E Section B1(e.)

   K = a/pm (in/hr) where a = 20 for a bottom width of 6 inches
   K = 20/ **34.3** min/in. = **0.58** in/ hr **0.58**/2 = **0.29 in/hr** Therefore, Use **0.29 in/hr**

7. I hereby certify that the information furnished on Form 3d of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Site Evaluator _____
Mark Kalusz, EIT

Date _____

Signature of Professional Engineer _____
Brian Decina, PE

License No. _____

NOAA Atlas 14, Volume 2, Version 3
Location name: Neptune, New Jersey, USA*
Latitude: 40.2142°, Longitude: -74.0855°
Elevation: 86.82 ft**
* source: ESRI Maps
** source: USGS

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

AMS-based point precipitation frequency estimates with 90% confidence intervals (in inches)[1]

Duration	Annual exceedance probability (1/years)								
	1/2	1/5	1/10	1/25	1/50	1/100	1/200	1/500	1/1000
5-min	**0.374** (0.337-0.417)	**0.472** (0.424-0.524)	**0.532** (0.478-0.592)	**0.605** (0.539-0.672)	**0.654** (0.580-0.726)	**0.705** (0.622-0.783)	**0.750** (0.659-0.837)	**0.809** (0.702-0.907)	**0.854** (0.736-0.963)
10-min	**0.599** (0.540-0.666)	**0.755** (0.679-0.840)	**0.852** (0.765-0.947)	**0.964** (0.860-1.07)	**1.04** (0.925-1.16)	**1.12** (0.989-1.25)	**1.19** (1.04-1.33)	**1.28** (1.11-1.44)	**1.35** (1.16-1.52)
15-min	**0.754** (0.679-0.837)	**0.955** (0.859-1.06)	**1.08** (0.968-1.20)	**1.22** (1.09-1.36)	**1.32** (1.17-1.47)	**1.42** (1.25-1.57)	**1.50** (1.32-1.68)	**1.61** (1.40-1.81)	**1.69** (1.45-1.90)
30-min	**1.04** (0.938-1.16)	**1.36** (1.22-1.51)	**1.56** (1.40-1.74)	**1.81** (1.62-2.01)	**1.99** (1.76-2.21)	**2.17** (1.91-2.41)	**2.34** (2.05-2.61)	**2.56** (2.23-2.88)	**2.74** (2.36-3.08)
60-min	**1.31** (1.18-1.45)	**1.74** (1.56-1.94)	**2.03** (1.83-2.26)	**2.41** (2.15-2.68)	**2.69** (2.39-2.99)	**2.99** (2.64-3.32)	**3.28** (2.88-3.66)	**3.68** (3.19-4.13)	**3.99** (3.44-4.50)
2-hr	**1.61** (1.45-1.79)	**2.17** (1.94-2.42)	**2.55** (2.28-2.84)	**3.06** (2.72-3.40)	**3.47** (3.06-3.86)	**3.88** (3.41-4.33)	**4.32** (3.76-4.82)	**4.93** (4.24-5.53)	**5.42** (4.62-6.11)
3-hr	**1.78** (1.61-1.99)	**2.40** (2.16-2.68)	**2.84** (2.54-3.16)	**3.42** (3.05-3.82)	**3.89** (3.44-4.33)	**4.37** (3.84-4.88)	**4.88** (4.25-5.46)	**5.60** (4.81-6.29)	**6.19** (5.24-6.98)
6-hr	**2.26** (2.02-2.53)	**3.03** (2.71-3.39)	**3.60** (3.20-4.01)	**4.37** (3.86-4.87)	**5.00** (4.39-5.58)	**5.68** (4.93-6.34)	**6.41** (5.51-7.16)	**7.46** (6.31-8.38)	**8.34** (6.96-9.40)
12-hr	**2.74** (2.45-3.07)	**3.70** (3.31-4.15)	**4.43** (3.94-4.95)	**5.46** (4.81-6.10)	**6.33** (5.54-7.06)	**7.29** (6.29-8.13)	**8.34** (7.10-9.32)	**9.91** (8.28-11.1)	**11.3** (9.25-12.7)
24-hr	**3.17** (2.90-3.50)	**4.35** (3.98-4.80)	**5.28** (4.80-5.80)	**6.63** (5.98-7.25)	**7.78** (6.97-8.49)	**9.08** (8.07-9.90)	**10.5** (9.26-11.5)	**12.8** (11.0-13.9)	**14.7** (12.5-16.0)
2-day	**3.70** (3.38-4.10)	**5.07** (4.63-5.60)	**6.13** (5.56-6.75)	**7.65** (6.90-8.43)	**8.94** (8.01-9.84)	**10.4** (9.22-11.4)	**12.0** (10.5-13.2)	**14.4** (12.4-15.9)	**16.5** (14.1-18.2)
3-day	**3.90** (3.60-4.28)	**5.32** (4.89-5.82)	**6.40** (5.87-7.00)	**7.96** (7.24-8.68)	**9.26** (8.37-10.1)	**10.7** (9.59-11.7)	**12.3** (10.9-13.4)	**14.7** (12.8-16.0)	**16.7** (14.4-18.3)
4-day	**4.11** (3.81-4.46)	**5.57** (5.16-6.05)	**6.68** (6.17-7.24)	**8.26** (7.58-8.94)	**9.57** (8.73-10.3)	**11.0** (9.96-11.9)	**12.6** (11.3-13.6)	**15.0** (13.2-16.2)	**17.0** (14.8-18.4)
7-day	**4.73**	**6.31**	**7.49**	**9.14**	**10.5**	**12.0**	**13.6**	**16.0**	**18.0**

	(4.41-5.10)	(5.87-6.81)	(6.95-8.07)	(8.44-9.84)	(9.64-11.3)	(10.9-12.9)	(12.3-14.6)	(14.2-17.2)	(15.8-19.5)
10-day	**5.32** (4.98-5.69)	**6.98** (6.53-7.48)	**8.19** (7.65-8.77)	**9.86** (9.16-10.5)	**11.2** (10.4-12.0)	**12.6** (11.6-13.5)	**14.2** (12.9-15.2)	**16.5** (14.8-17.7)	**18.4** (16.4-19.8)
20-day	**7.13** (6.73-7.57)	**9.11** (8.59-9.65)	**10.5** (9.86-11.1)	**12.3** (11.5-13.0)	**13.6** (12.8-14.4)	**15.0** (14.0-15.9)	**16.5** (15.3-17.5)	**18.5** (17.0-19.6)	**20.0** (18.3-21.3)
30-day	**8.78** (8.36-9.26)	**11.0** (10.5-11.6)	**12.5** (11.9-13.2)	**14.4** (13.6-15.1)	**15.8** (14.9-16.6)	**17.2** (16.2-18.1)	**18.6** (17.4-19.6)	**20.5** (19.1-21.7)	**21.9** (20.3-23.2)
45-day	**11.1** (10.6-11.7)	**13.7** (13.1-14.4)	**15.4** (14.7-16.2)	**17.5** (16.6-18.3)	**19.0** (18.0-19.9)	**20.4** (19.3-21.4)	**21.8** (20.5-22.9)	**23.6** (22.1-24.8)	**24.9** (23.2-26.3)
60-day	**13.3** (12.7-13.9)	**16.2** (15.5-17.0)	**18.0** (17.2-18.9)	**20.2** (19.2-21.1)	**21.7** (20.6-22.7)	**23.1** (21.9-24.1)	**24.4** (23.1-25.6)	**26.1** (24.6-27.4)	**27.3** (25.6-28.7)

[1] Precipitation frequency (PF) estimates in this table are based on frequency analysis of annual maxima series (AMS).

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 annual exceedance probability) 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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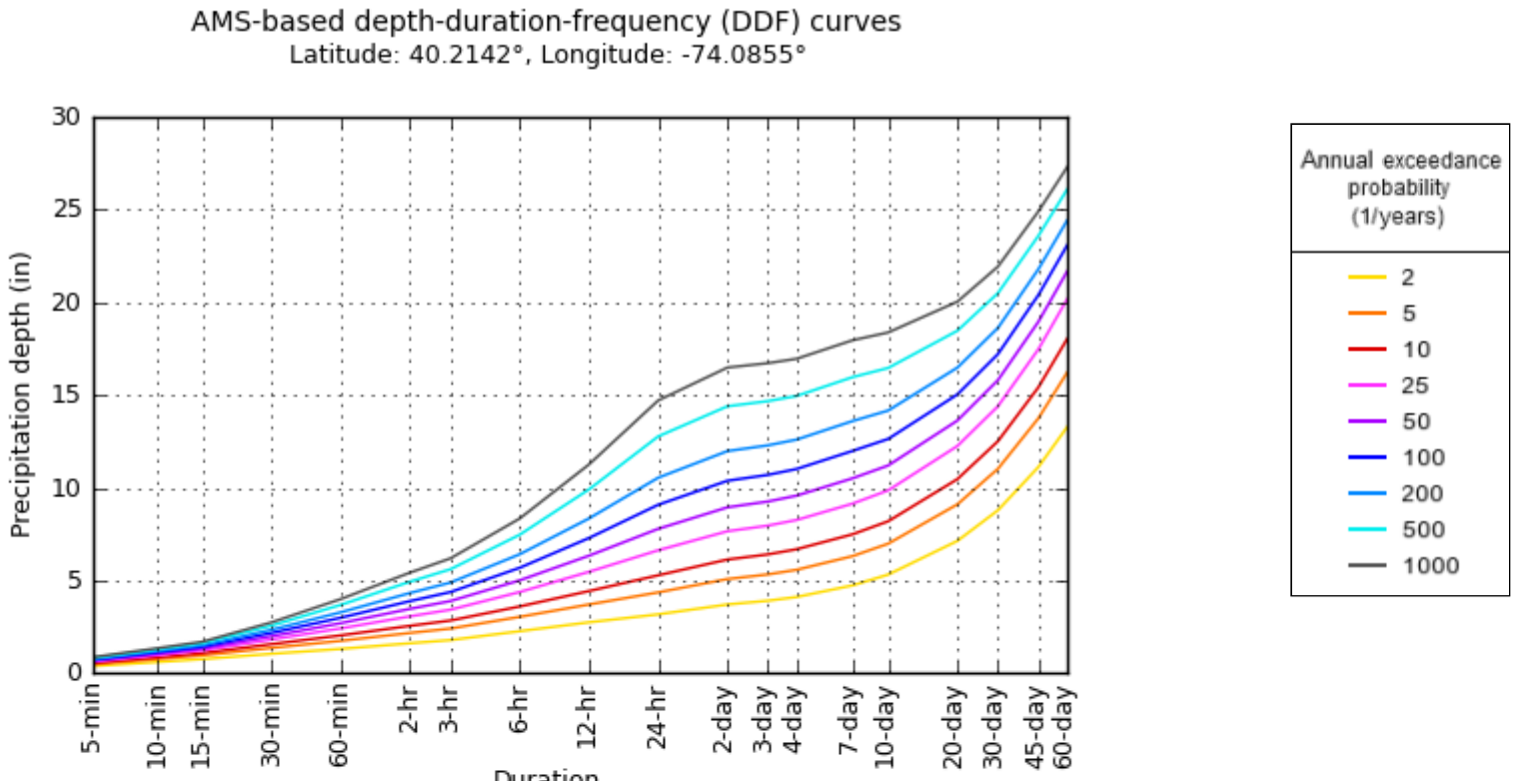
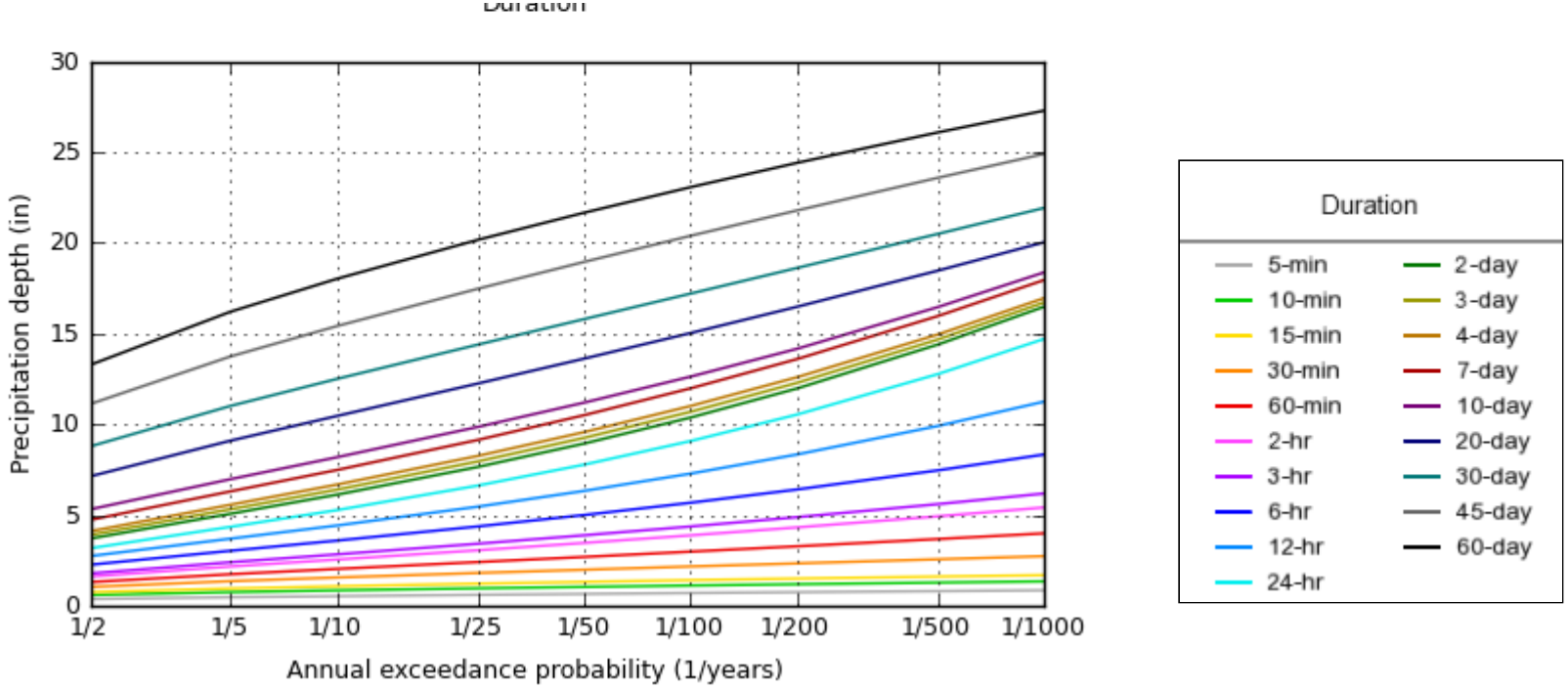
PF graphical





NOAA Atlas 14, Volume 2, Version 3

Created (GMT): Sun May 15 15:05:55 2022

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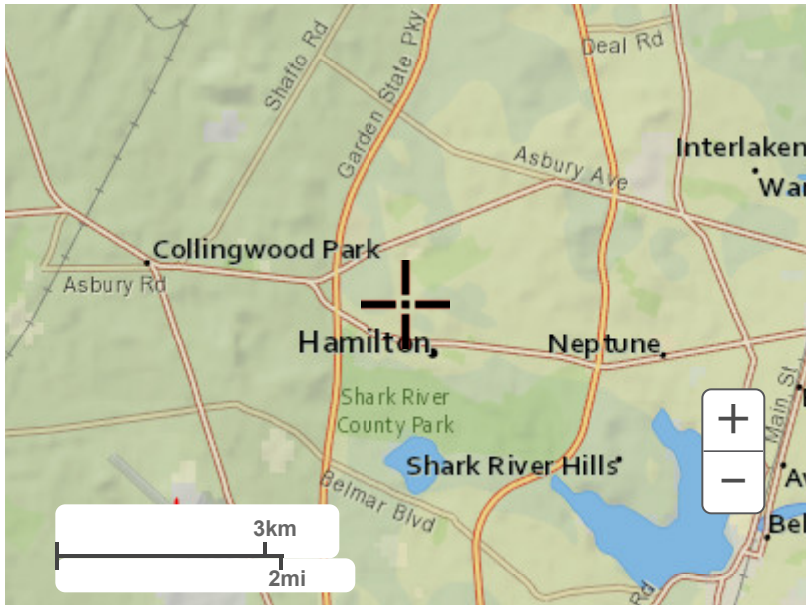
Maps & aerials

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
National Water Center
1325 East West Highway
Silver Spring, MD 20910
Questions?: HDSC.Questions@noaa.gov

Disclaimer

APPENDIX B
Storm Sewer Calculations

FRENCH & PARRELLO ASSOCIATES
Telephone : (732) 312-9800
Fax : (732) 312-9801
1800 Route 34, Suite 101
Wall, New Jersey 07719

PROJECT NUMBER : 17340.002
PROJECT NAME : **Holy Innocents**
CALCULATED BY : MWK DATE: 5/15/2022
CHECKED BY : DATE:
REVISED BY : DATE:

RUNOFF COEFFICIENT WORKSHEET

STRUCTURE NUMBER	SURFACE TYPE	AREA, A (ACRES)	RUNOFF COEFF. (C)	A x C	COMPOSITE RUNOFF COEFF. C = (A x C)/ A
A 1	Lawn Area A	0.60	0.25	0.15	
	Woods Area A	0.03	0.45	0.01	
	Impervious A	0.20	0.99	0.20	
		0.83		0.36	0.44
A 6	Lawn Area A	0.29	0.25	0.07	
	Impervious A	0.39	0.99	0.39	
		0.68		0.46	0.67
A 7	Lawn Area A	0.52	0.25	0.13	
	Impervious A	0.34	0.99	0.34	
		0.86		0.47	0.54
A 9	Lawn Area A	0.46	0.25	0.12	
	Woods Area A	0.14	0.45	0.06	
	Impervious A	0.12	0.99	0.12	
		0.72		0.30	0.41
B 1	Lawn Area A	0.24	0.25	0.06	
	Impervious A	0.24	0.99	0.24	
		0.48		0.30	0.62
B 2	Lawn Area A	0.02	0.25	0.01	
	Impervious A	0.02	0.99	0.02	
	Impervious B	0.01	0.99	0.01	
		0.05		0.03	0.69
B 3	Lawn Area A	0.03	0.25	0.01	
	Impervious A	0.03	0.99	0.03	
		0.06		0.04	0.62
B 4	Lawn Area A	0.10	0.25	0.03	
	Impervious A	0.11	0.99	0.11	
	Lawn Area B	0.02	0.25	0.01	
	Impervious B	0.03	0.99	0.03	
		0.26		0.17	0.65
B 5	Lawn Area A	0.18	0.25	0.05	
	Impervious A	0.17	0.99	0.17	
		0.35		0.21	0.61

FRENCH & PARRELLO ASSOCIATES
Telephone : (732) 312-9800
Fax : (732) 312-9801
1800 Route 34, Suite 101
Wall, New Jersey 07719

PROJECT NUMBER : 17340.002
PROJECT NAME : **Holy Innocents**
CALCULATED BY : MWK DATE: 5/15/2022
CHECKED BY : DATE:
REVISED BY : DATE:

RUNOFF COEFFICIENT WORKSHEET

STRUCTURE NUMBER	SURFACE TYPE	AREA, A (ACRES)	RUNOFF COEFF. (C)	A x C	COMPOSITE RUNOFF COEFF. C = (A x C)/ A
B 6	Lawn Area A	0.25	0.25	0.06	
	Impervious A	0.20	0.99	0.20	
		0.45		0.26	0.58
B 7	Lawn Area A	0.04	0.25	0.01	
	Impervious A	0.04	0.99	0.04	
		0.08		0.05	0.62
B 8	Lawn Area A	0.07	0.25	0.02	
	Impervious A	0.05	0.99	0.05	
	Lawn Area B	0.03	0.25	0.01	
	Impervious B	0.04	0.99	0.04	
		0.19		0.11	0.60
B 9	Lawn Area A	0.10	0.25	0.03	
	Impervious A	0.10	0.99	0.10	
	Lawn Area B	0.40	0.25	0.10	
	Impervious B	0.20	0.99	0.20	
		0.80		0.42	0.53
B 10	Lawn Area B	0.13	0.25	0.03	
	Impervious B	0.30	0.99	0.30	
		0.43		0.33	0.77
B 15	Lawn Area B	0.10	0.25	0.03	
	Impervious B	0.02	0.99	0.02	
		0.12		0.04	0.37
B 17	Lawn Area B	0.12	0.25	0.03	
	Impervious B	0.01	0.99	0.01	
		0.13		0.04	0.31
C 4	Lawn Area A	0.16	0.25	0.04	
	Impervious A	0.19	0.99	0.19	
	Lawn Area B	0.18	0.25	0.05	
	Impervious B	0.29	0.99	0.29	
		0.82		0.56	0.68
C 5	Impervious B	0.01	0.99	0.01	
		0.01		0.01	0.99

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1800 Route 34, Suite 101
Wall, New Jersey 07719

PROJECT NUMBER :	17340.002
PROJECT NAME :	Holy Innocents
CALCULATED BY : MWK	DATE: 5/15/2022
CHECKED BY :	DATE:
REVISED BY :	DATE:

RUNOFF COEFFICIENT WORKSHEET

STRUCTURE NUMBER	SURFACE TYPE	AREA, A (ACRES)	RUNOFF COEFF. (C)	A x C	COMPOSITE RUNOFF COEFF. C = (A x C)/ A
C 6	Lawn Area A	0.05	0.25	0.01	
	Impervious A	0.06	0.99	0.06	
	Lawn Area B	0.29	0.25	0.07	
	Impervious B	0.32	0.99	0.32	
		0.72		0.46	0.64
C 7	Lawn Area B	0.08	0.25	0.02	
	Impervious B	0.10	0.99	0.10	
		0.18		0.12	0.66
C 8	Lawn Area B	0.07	0.25	0.02	
	Impervious B	0.10	0.99	0.10	
		0.17		0.12	0.69

STORM SEWER DESIGN WORK SHEET

LOCATION				RUNOFF DATA									SEWER DESIGN DATA						
STRUCTURE NUMBER				INCREMENTAL AREA				TIME OF CONCENTRATION					PIPE MATERIAL : HDPE MANNINGS `n' = 0.012 RCP 'n' = 0.013						
UPSTREAM		DOWNSTREAM		AREA	WEIGHTED RUNOFF COEFFICIENT	SUBAREA Ac x C	TOTAL AREA	OVERLAND THROUGH AREA, Ta	THROUGH PIPE, Tp	TOTAL Tc OR LONGEST ACCUMULATED Tc	RAINFALL INTENSITY, I	RUNOFF PEAK, Q	DIAMETER	LENGTH	SLOPE	CAPACITY AT FULL FLOW, Qf	VELOCITY AT FULL FLOW, Vf	VELOCITY ACTUAL, Va	FLOW TIME THROUGH PIPE
				Ac	C		Ac X C	MIN.	MIN.	MIN.	IN/HR	CFS	INCHES	FEET	%	CFS	FPS	FPS	MIN.
A	1	A	2	0.83	0.44	0.37	0.37	10.0		10.0	5.78	2.1	15	166	0.30	3.8	3.1	3.2	0.9
A	2	OS	3	0.00	0.00	0.00	0.37	10.0		10.9	5.78	2.1	15	162	0.30	3.5	2.9	3.0	0.9
OS	3	OS	2	100 YEAR FLOW IN - 2.31 CFS			0.37	10.0		11.8	5.60	4.4	18	209	0.30	6.2	3.5	3.8	0.9
OS	2	A	3	100 YEAR FLOW IN - 4.06 CFS			0.37	10.0		12.7	5.42	8.3	24	294	0.35	14.5	4.6	4.7	1.0
A	3	A	4	0.00	0.00	0.00	0.37	10.0		13.7	5.25	8.3	24	146	0.35	14.5	4.6	4.7	0.5
A	4	A	5	0.00	0.00	0.00	0.37	10.0		14.2	5.01	8.2	24	197	0.35	14.5	4.6	4.7	0.7
A	5	FES	1	0.00	0.00	0.00	0.37	10.0		14.9	5.01	8.2	24	37	0.35	14.5	4.6	4.7	0.1
A	6	A	7	0.68	0.67	0.46	0.46	10.0		10.0	5.78	2.6	15	28	0.30	3.5	2.9	3.1	0.1
A	7	A	8	0.86	0.54	0.46	0.92	10.0		10.1	5.78	5.3	15	268	0.60	5.4	4.4	5.0	0.9
A	9	A	8	0.72	0.41	0.30	0.30	10.0		10.0	5.78	1.7	15	104	0.30	3.5	2.9	2.7	0.6
A	8	FES	2	0.00	0.00	0.00	1.22	10.0		10.6	5.78	7.0	15	62	1.10	7.3	6.0	4.0	0.3
B	1	B	2	0.48	0.62	0.30	0.30	10.0		10.0	5.78	1.7	15	24	0.30	3.5	2.9	2.9	0.1
B	2	B	4	0.05	0.69	0.03	0.33	10.0		10.1	5.78	1.9	15	29	0.30	3.8	3.1	3.1	0.2
B	5	B	3	0.35	0.61	0.21	0.21	10.0		10.0	5.78	1.2	15	122	0.40	4.1	3.3	2.8	0.7
B	3	B	4	0.06	0.62	0.04	0.25	10.0		10.7	5.78	1.4	15	166	0.40	4.4	3.6	3.1	0.9
B	4	FES	13	0.26	0.65	0.17	0.75	10.0		11.6	5.60	4.2	18	130	0.30	6.2	3.5	3.8	0.6
B	6	B	7	0.45	0.58	0.26	0.26	10.0		10.0	5.78	1.5	15	67	0.40	4.1	3.3	3.0	0.4
B	7	B	8	0.08	0.62	0.05	0.31	10.0		10.4	5.78	1.8	15	115	0.40	4.4	3.6	3.4	0.6
B	8	B	10	0.19	0.60	0.11	0.42	10.0		10.9	5.78	2.5	15	163	0.40	4.4	3.6	3.7	0.7
B	9	B	10	0.80	0.53	0.42	0.42	10.0		10.0	5.78	2.5	15	25	0.35	3.8	3.1	3.3	0.1
B	10	FES	12	0.43	0.77	0.33	1.18	10.0		10.1	5.78	6.8	18	15	0.40	7.2	4.1	4.6	0.1
OS	C	B	15	100 YEAR FLOW OUT - 2.37 CFS			0.00	10.0		10.0	5.78	2.4	15	61	0.35	4.1	3.4	3.5	0.3
B	15	B	17	0.12	0.37	0.04	0.04	10.0		10.3	5.78	2.6	15	81	0.35	4.1	3.4	3.6	0.4
B	17	B	16	0.13	0.31	0.04	0.08	10.0		10.7	5.78	2.9	15	39	0.35	4.1	3.4	3.6	0.2
B	16	FES	4	0.00	0.00	0.00	0.08	10.0		10.9	5.78	2.9	15	30	0.35	4.1	3.4	3.6	0.1
C	7	C	8	0.18	0.66	0.12	0.12	10.0		10.0	5.78	0.7	15	26	0.50	4.6	3.7	2.6	0.2
C	8	FES	8	0.17	0.69	0.12	0.24	10.0		10.2	5.78	1.4	15	19	0.50	4.9	4.0	3.4	0.1
C	6	C	4	0.72	0.64	0.46	0.46	10.0		10.0	5.78	2.7	15	24	0.35	3.8	3.1	3.3	0.1
C	4	C	5	0.82	0.68	0.56	1.02	10.0		10.1	5.78	5.9	18	169	0.33	6.0	3.4	3.9	0.7
C	5	FES	7	0.01	0.99	0.01	1.03	10.0		10.8	5.78	5.9	18	101	0.33	6.0	3.4	3.9	0.4
OS	4	B	13	100 YEAR FLOW OUT - 0.16 CFS									15	42	0.25	3.5	2.9	1.3	0.5
B	13	B	14										15	120	0.25	3.5	2.9	1.3	1.5
B	14	FES	11										15	48	0.25	3.5	2.9	1.3	0.6
OS	5	FES	10	100 YEAR FLOW OUT- 5.24 CFS									15	9	2.00	9.9	8.1	8.1	0.0
OS	6	B	11	100 YEAR FLOW IN - 4.67 CFS									15	92	0.50	4.9	4.0	4.6	0.3
B	11	B	12										15	141	0.55	4.8	3.9	4.4	0.5
B	12	FES	9										15	47	0.50	4.9	4.0	4.6	0.2
OS	7	FES	5	100 YEAR FLOW OUT - 7.55 CFS									15	4	1.50	8.6	7.0	7.8	0.0

1. SEE CONSTRUCTION PLANS FOR PROFILE INFORMATION

2. ACTUAL DIMENSION FOR PEAK RUNOFF,Q IS Ac-IN/HR, HOWEVER Ac-fT/Hr, HOWEVER 1.008 Ac-ft/hr IS APPROXIMATELY EQUAL TO 1.0 CFS

3. PIPES ARE HDPE OR CLASS V RCP

RCP (N) = 0.013
HDPE (N) : 0.012

4. INLETS ARE TYPE 'B' OR TYPE 'E' UNLESS OTHERWISE NOTED.

5. SEE PLANS FOR PIPE PROFILE INFORMATION.

6. FLOWS FROM OUTLET STRUCTURES ARE FROM 100-YR STORM

PROJECT NAME : HOLY INNOCENTS

PROJECT NO. : 17340.002

STORM FREQUENCY 25 YEAR (10 MIN)

COMPUTED BY : MWK 5/18/2022

CHECKED BY : DATE :

REVISED BY :

FRENCH & PARRELLO ASSOCIATES
1800 ROUTE 34, SUITE 101 TELEPHONE : (732)-312-9800
WALL, NEW JERSEY NJ 07719 FAX : (732)-312-9801

STORM SEWER DESIGN WORK SHEET

LOCATION		RUNOFF DATA									SEWER DESIGN DATA						
STRUCTURE NUMBER		INCREMENTAL AREA				TIME OF CONCENTRATION					PIPE MATERIAL : HDPE MANNINGS `n' = 0.012 RCP 'n' = 0.013						
UPSTREAM	DOWNSTREAM	AREA	WEIGHTED RUNOFF COEFFICIENT	SUBAREA Ac x C	TOTAL AREA	OVERLAND THROUGH AREA, Ta	THROUGH PIPE, Tp	TOTAL Tc OR LONGEST ACCUMULATED Tc	RAINFALL INTENSITY, I	RUNOFF PEAK, Q	DIAMETER	LENGTH	SLOPE	CAPACITY AT FULL FLOW, Qf	VELOCITY AT FULL FLOW, Vf	VELOCITY ACTUAL, Va	FLOW TIME THROUGH PIPE
		Ac	C		Ac X C	MIN.	MIN.	MIN.	IN/HR	CFS	INCHES	FEET	%	CFS	FPS	FPS	MIN.
OS 8	FES 6	100 YEAR FLOW OUT - 0.01 CFS									15	3	2.00	9.9	8.1	1.3	0.0
OS B	FES B	100 YEAR FLOW IN -11.82 CFS									15	8	3.00	12.1	9.9	11.2	0.0
OS 1	FES 3	100 YEAR FLOW OUT - 1.38 CFS									15	7	2.00	9.9	8.1	5.5	0.0
OS A	FES A	100 YEAR FLOW IN - 5.31 CFS									15	67	2.00	9.9	8.1	8.2	0.1

1. SEE CONSTRUCTION PLANS FOR PROFILE INFORMATION

2. ACTUAL DIMENSION FOR PEAK RUNOFF,Q IS Ac-IN/HR, HOWEVER Ac-fT/Hr, HOWEVER 1.008 Ac-ft/hr IS APPROXIMATELY EQUAL TO 1.0 CFS

3. PIPES ARE HDPE OR CLASS V RCP

RCP (N) = 0.013
HDPE (N) : 0.012

4. INLETS ARE TYPE 'B' OR TYPE 'E' UNLESS OTHERWISE NOTED.

5. SEE PLANS FOR PIPE PROFILE INFORMATION.

6. FLOWS FROM OUTLET STRUCTURES ARE FROM 100-YR STORM

PROJECT NAME : HOLY INNOCENTS

PROJECT NO. : 17340.002

STORM FREQUENCY 25 YEAR (10 MIN)

COMPUTED BY : MWK 5/18/2022

CHECKED BY : DATE :

REVISED BY :

FRENCH & PARRELLO ASSOCIATES
1800 ROUTE 34, SUITE 101 TELEPHONE : (732)-312-9800
WALL, NEW JERSEY NJ 07719 FAX : (732)-312-9801

APPENDIX C
Groundwater Recharge Calculations

New Jersey Groundwater Recharge Spreadsheet
Version 2.0
November 2003

Annual Groundwater Recharge Analysis (based on GSR-32)

Select Township ↓	Average Annual P (in)	Climatic Factor
MONMOUTH CO., TINTON FALLS BORO	47.4	1.55

Project Name:	Country Woods at Neptune
Description:	17340.002
Analysis Date:	04/05/22

Pre-Developed Conditions

Land Segment	Area (acres)	TR-55 Land Cover	Soil	Annual Recharge (in)	Annual Recharge (cu.ft)
1	0.68	Impervious areas	Evesboro	0.0	-
2	1.1	Open space	Evesboro	17.6	70,227
3	7.04	Woods	Evesboro	17.2	438,566
4	6.64	Woods	Hammonton	16.0	386,109
5	0				
6	0				
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
Total =	15.5			Total Annual Recharge (in)	Total Annual Recharge (cu-ft)
				15.9	894,902

Post-Developed Conditions

Land Segment	Area (acres)	TR-55 Land Cover	Soil	Annual Recharge (in)	Annual Recharge (cu.ft)
1	5.34	Open space	Evesboro	17.6	340,920
2	0.52	Woods	Evesboro	17.2	32,394
3	2.9	Impervious areas	Evesboro	0.0	-
4	5	Open space	Hammonton	16.0	290,300
5	1.7	Impervious areas	Hammonton	0.0	-
6					
7	0				
8	0				
9	0				
10	0				
11	0				
12	0				
13	0				
14	0				
15	0				
Total =	15.5			Total Annual Recharge (in)	Total Annual Recharge (cu.ft)
				11.8	663,614

Annual Recharge Requirements Calculation ↓

% of Pre-Developed Annual Recharge to Preserve =	100%	Total Impervious Area (sq.ft)	200,376
Post-Development Annual Recharge Deficit=	*231,288*	(cubic feet)	

Recharge Efficiency Parameters Calculations (area averages)

RWC=	#N/A	(in)	DRWC=	#N/A	(in)
ERWC =	#N/A	(in)	EDRWC=	#N/A	(in)

Procedure to fill the Pre-Development and Post-Development Conditions Tables

For each land segment, first enter the area, then select TR-55 Land Cover, then select Soil. Start from the top of the table and proceed downward. Don't leave blank rows (with A=0) in between your segment entries. Rows with A=0 will not be displayed or used in calculations. For impervious areas outside of standard lots select "Impervious Areas" as the Land Cover. Soil type for impervious areas are only required if an infiltration facility will be built within these areas.

Project Name	Description	Analysis Date	BMP or LID Type
Country Woods at Neptun	17340.002	04/05/22	Basin 1

Recharge BMP Input Parameters

Parameter	Symbol	Value	Unit
BMP Area	ABMP	**29295.0**	sq.ft
BMP Effective Depth, this is the design variable	dBMP	**1.8**	in
Upper level of the BMP surface (negative if above ground)	dBMPu	**0.0**	in
Depth of lower surface of BMP, must be>=dBMPu	dEXC	**5.0**	in
Post-development Land Segment Location of BMP , Input Zero if Location is distributed or undetermined	SegBMP	**3**	unitless

Root Zone Water capacity Calculated Parameters

Parameter	Symbol	Value	Unit
Empty Portion of RWC under Post-D Natural Recharge	ERWC	**0.29**	in
ERWC Modified to consider dEXC	EDRWC	**0.26**	in
Empty Portion of RWC under Infilt. BMP	RERWC	**0.20**	in

Recharge Design Parameters

Parameter	Symbol	Value	Unit
Inches of Runoff to capture	Qdesign	**0.27**	in
Inches of Rainfall to capture	Pdesign	**0.35**	in
Recharge Provided Avg. over Imp. Area		**13.9**	in
Runoff Captured Avg. over imp. Area		**16.2**	in

BMP Calculated Size Parameters

ABMP/Aimp	Aratio	**0.15**	unitless
BMP Volume	VBMP	**4,419**	cu.ft

CALCULATION CHECK MESSAGES

Volume Balance-> **OK**
dBMP Check---> **OK**
dEXC Check---> **OK**
BMP Location---> **OK**

Parameters from Annual Recharge Worksheet

Post-D Deficit Recharge (or desired recharge volume)	Vdef	**231,288**	cu.ft
Post-D Impervious Area (or target Impervious Area)	Aimp	**200,376**	sq.ft
Root Zone Water Capacity	RWC	**1.30**	in
RWC Modified to consider dEXC	DRWC	**1.14**	in
Climatic Factor	C-factor	**1.55**	no units
Average Annual P	Pavg	**47.4**	in
Recharge Requirement over Imp. Area	dr	**13.9**	in

System Performance Calculated Parameters

Annual BMP Recharge Volume		**231,288**	cu.ft
Avg BMP Recharge Efficiency		**85.6%**	Represents % Infiltration Recharged
%Rainfall became Runoff		**78.2%**	%
%Runoff Infiltrated		**43.6%**	%
%Runoff Recharged		**37.4%**	%
%Rainfall Recharged		**29.2%**	%

OTHER NOTES

Pdesign is accurate only after BMP dimensions are updated to make rech volume= deficit volume. The portion of BMP infiltration prior to filling and the area occupied by BMP are ignored in these calculations. Results are sensetive to dBMP, make sure dBMP selected is small enough for BMP to empty in less than 3 days. For land Segment Location of BMP if you select "impervious areas" RWC will be minimal but not zero as determined by the soil type and a shallow root zone for this Land Cover allowing consideration of lateral flow and other losses.

How to solve for different recharge volumes: By default the spreadsheet assigns the values of total deficit recharge volume "Vdef" and total proposed impervious area "Aimp" from the "Annual Recharge" sheet to "Vdef" and "Aimp" on this page. This allows solution for a single BMP to handle the entire recharge requirement assuming the runoff from entire impervious area is available to the BMP.
To solve for a smaller BMP or a LID-IMP to recharge only part of the recharge requirement, set Vdef to your target value and Aimp to impervious area directly connected to your infiltration facility and then solve for ABMP or dBMP. To go back to the default configuration clik the "Default Vdef & Aimp" button.

APPENDIX D
Pre-Development Runoff Calculations

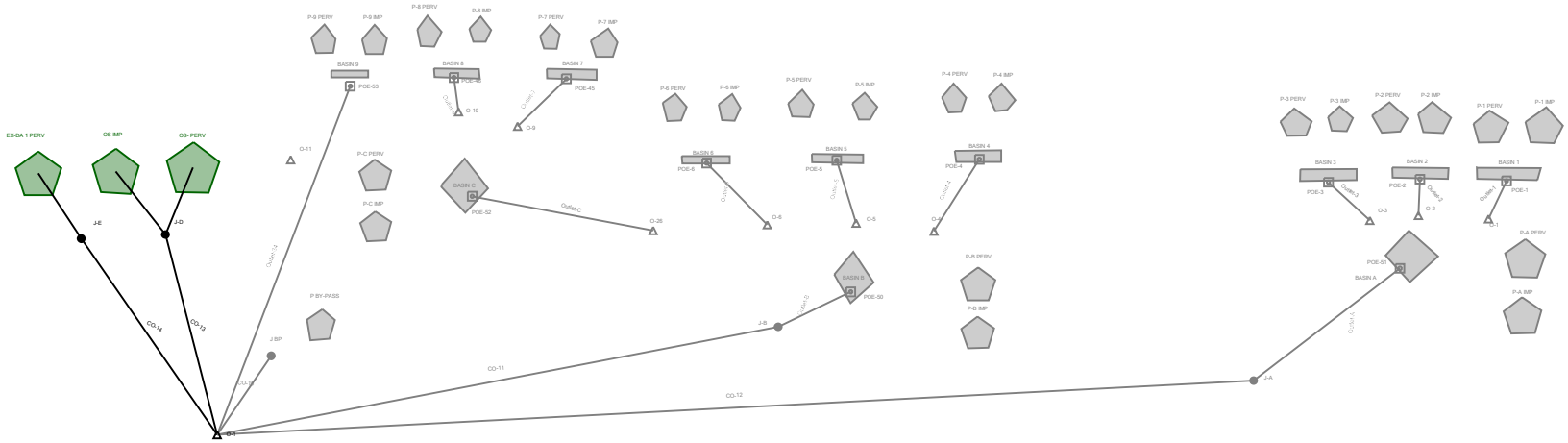
EX-DA 1 PERV
OS-IMP
OS- PERV
J-E
J-D
CO-14
CO-13
O-11
P-9 PERV
P-9 IMP
BASIN 9
POE-53
P-8 PERV
P-8 IMP
BASIN 8
POE-46
O-10
P-7 PERV
P-7 IMP
BASIN 7
POE-45
O-9
P-6 PERV
P-6 IMP
BASIN 6
POE-6
O-6
P-5 PERV
P-5 IMP
BASIN 5
POE-5
O-5
P-4 PERV
P-4 IMP
BASIN 4
POE-4
O-4
P-C PERV
P-C IMP
BASIN C
POE-52
O-26
P BY-PASS
J BP
CO-10
P-B PERV
P-B IMP
BASIN B
POE-50
J-B
CO-11
P-3 PERV
P-3 IMP
P-2 PERV
P-2 IMP
P-1 PERV
P-1 IMP
BASIN 3
POE-3
O-3
BASIN 2
POE-2
O-2
BASIN 1
POE-1
O-1
P-A PERV
P-A IMP
POE-51
BASIN A
J-A
CO-12

Table of Contents

Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)
EX-DA 1 PERV	Pre-Development 2 year	2	0.137	846.000	0.21
EX-DA 1 PERV	Pre-Development 10 year	10	0.755	759.000	2.41
EX-DA 1 PERV	Pre-Development 25 year	25	1.401	749.000	5.64
EX-DA 1 PERV	Pre-Development 100 year	100	2.914	742.000	14.03
OS-IMP	Pre-Development 2 year	2	0.170	727.000	1.81
OS-IMP	Pre-Development 10 year	10	0.270	727.000	2.82
OS-IMP	Pre-Development 25 year	25	0.341	727.000	3.52
OS-IMP	Pre-Development 100 year	100	0.471	727.000	4.83
OS- PERV	Pre-Development 2 year	2	0.012	871.000	0.02
OS- PERV	Pre-Development 10 year	10	0.070	760.000	0.21
OS- PERV	Pre-Development 25 year	25	0.133	749.000	0.52
OS- PERV	Pre-Development 100 year	100	0.282	745.000	1.34

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)
O-1	Pre-Development 2 year	2	0.319	728.000	1.81
O-1	Pre-Development 10 year	10	1.096	729.000	3.34
O-1	Pre-Development 25 year	25	1.875	743.000	7.27
O-1	Pre-Development 100 year	100	3.667	743.000	17.12
J-E	Pre-Development 2 year	2	0.137	846.000	0.21
J-E	Pre-Development 10 year	10	0.755	759.000	2.41
J-E	Pre-Development 25 year	25	1.401	749.000	5.64
J-E	Pre-Development 100 year	100	2.914	742.000	14.03
J-D	Pre-Development 2 year	2	0.182	727.000	1.81
J-D	Pre-Development 10 year	10	0.341	727.000	2.85
J-D	Pre-Development 25 year	25	0.474	727.000	3.70
J-D	Pre-Development 100 year	100	0.753	727.000	5.49

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	13.42 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	845.867 min
Flow (Peak, Computed)	0.21 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	846.000 min
Flow (Peak Interpolated Output)	0.21 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	13.42 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.12 in
Runoff Volume (Pervious)	0.137 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.137 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	20.47 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	13.42 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	759.200 min
Flow (Peak, Computed)	2.41 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	759.000 min
Flow (Peak Interpolated Output)	2.41 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	13.42 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.68 in
Runoff Volume (Pervious)	0.755 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.755 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	20.47 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	13.42 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	748.800 min
Flow (Peak, Computed)	5.64 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	749.000 min
Flow (Peak Interpolated Output)	5.64 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	13.42 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.25 in
Runoff Volume (Pervious)	1.401 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	1.401 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	20.47 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	13.42 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	741.867 min
Flow (Peak, Computed)	14.03 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	742.000 min
Flow (Peak Interpolated Output)	14.03 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	13.42 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.61 in
Runoff Volume (Pervious)	2.914 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	2.914 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	20.47 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	1.36 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	870.133 min
Flow (Peak, Computed)	0.02 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	871.000 min
Flow (Peak Interpolated Output)	0.02 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	1.36 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.10 in
Runoff Volume (Pervious)	0.012 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.012 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.07 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	1.36 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	759.200 min
Flow (Peak, Computed)	0.21 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	760.000 min
Flow (Peak Interpolated Output)	0.21 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	1.36 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.62 in
Runoff Volume (Pervious)	0.070 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.070 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.07 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	1.36 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	748.800 min
Flow (Peak, Computed)	0.52 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	749.000 min
Flow (Peak Interpolated Output)	0.52 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	1.36 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.18 in
Runoff Volume (Pervious)	0.133 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.133 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.07 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	26.000 min
Area (User Defined)	1.36 acres

Computational Time Increment	3.467 min
Time to Peak (Computed)	745.333 min
Flow (Peak, Computed)	1.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	745.000 min
Flow (Peak Interpolated Output)	1.34 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	1.36 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.49 in
Runoff Volume (Pervious)	0.282 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.282 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	26.000 min
Computational Time Increment	3.467 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.07 ft³/s
Unit peak time, Tp	17.333 min
Unit receding limb, Tr	152.533 min
Total unit time, Tb	169.867 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.65 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.81 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.81 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.65 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.170 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.170 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.16 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.65 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.82 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.82 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.65 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.270 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.270 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.16 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.65 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.53 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.52 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.65 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.341 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.341 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.16 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.65 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.84 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.83 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.65 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.471 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.471 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.16 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Summary for Hydrograph Addition at 'J-D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	OS-IMP
<Catchment to Outflow Node>	OS- PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	OS-IMP	0.170	727.000	1.81
Flow (From)	OS- PERV	0.012	871.000	0.02
Flow (In)	J-D	0.182	727.000	1.81

Summary for Hydrograph Addition at 'J-D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	OS-IMP
<Catchment to Outflow Node>	OS- PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	OS-IMP	0.270	727.000	2.82
Flow (From)	OS- PERV	0.070	760.000	0.21
Flow (In)	J-D	0.341	727.000	2.85

Summary for Hydrograph Addition at 'J-D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	OS-IMP
<Catchment to Outflow Node>	OS- PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	OS-IMP	0.341	727.000	3.52
Flow (From)	OS- PERV	0.133	749.000	0.52
Flow (In)	J-D	0.474	727.000	3.70

Summary for Hydrograph Addition at 'J-D'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	OS-IMP
<Catchment to Outflow Node>	OS- PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	OS-IMP	0.471	727.000	4.83
Flow (From)	OS- PERV	0.282	745.000	1.34
Flow (In)	J-D	0.753	727.000	5.49

Summary for Hydrograph Addition at 'J-E'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EX-DA 1 PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	EX-DA 1 PERV	0.137	846.000	0.21
Flow (In)	J-E	0.137	846.000	0.21

Summary for Hydrograph Addition at 'J-E'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EX-DA 1 PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	EX-DA 1 PERV	0.755	759.000	2.41
Flow (In)	J-E	0.755	759.000	2.41

Summary for Hydrograph Addition at 'J-E'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EX-DA 1 PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	EX-DA 1 PERV	1.401	749.000	5.64
Flow (In)	J-E	1.401	749.000	5.64

Summary for Hydrograph Addition at 'J-E'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	EX-DA 1 PERV

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	EX-DA 1 PERV	2.914	742.000	14.03
Flow (In)	J-E	2.914	742.000	14.03

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-13	J-D
CO-14	J-E

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft³/s)
Flow (From)	CO-13	0.182	728.000	1.81
Flow (From)	CO-14	0.137	847.000	0.21
Flow (In)	O-1	0.319	728.000	1.81

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-13	J-D
CO-14	J-E

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-13	0.341	728.000	2.85
Flow (From)	CO-14	0.755	760.000	2.41
Flow (In)	O-1	1.096	729.000	3.34

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-13	J-D
CO-14	J-E

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-13	0.474	728.000	3.70
Flow (From)	CO-14	1.401	750.000	5.64
Flow (In)	O-1	1.875	743.000	7.27

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-13	J-D
CO-14	J-E

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-13	0.753	728.000	5.49
Flow (From)	CO-14	2.914	743.000	14.03
Flow (In)	O-1	3.667	743.000	17.12

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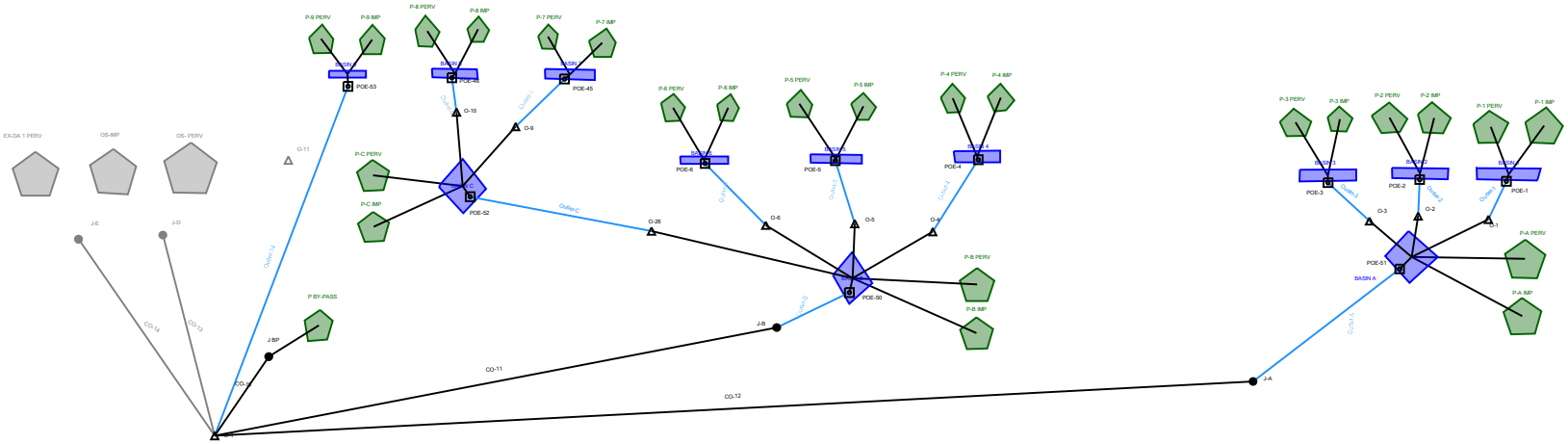
APPENDIX E
Post-Development Runoff Calculations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OS-IMP
OS- PERV
J-E
J-D
P-9 PERV
P-9 IMP
P-8 PERV
P-8 IMP
P-7 PERV
P-7 IMP
P-6 PERV
P-6 IMP
P-5 PERV
P-5 IMP
P-4 PERV
P-4 IMP
P-3 PERV
P-3 IMP
P-2 PERV
P-2 IMP
P-1 PERV
P-1 IMP
P-C PERV
P-C IMP
P-B PERV
P-B IMP
P-A PERV
P-A IMP
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WATER QUALITY STORM

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Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P BY-PASS	Post-Development WQ Storm	1	0.000	0.000	0.00
P-1 IMP	Post-Development WQ Storm	1	0.086	66.000	2.55
P-1 PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-2 IMP	Post-Development WQ Storm	1	0.021	66.000	0.61
P-2 PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-3 IMP	Post-Development WQ Storm	1	0.013	66.000	0.38
P-3 PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-4 IMP	Post-Development WQ Storm	1	0.071	66.000	2.14
P-4 PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-5 IMP	Post-Development WQ Storm	1	0.107	66.000	3.16
P-5 PERV	Post-Development WQ Storm	1	0.000	121.000	0.00
P-6 IMP	Post-Development WQ Storm	1	0.016	66.000	0.48
P-6 PERV	Post-Development WQ Storm	1	0.001	105.000	0.02
P-7 IMP	Post-Development WQ Storm	1	0.096	66.000	2.83
P-7 PERV	Post-Development WQ Storm	1	0.000	107.000	0.00
P-8 IMP	Post-Development WQ Storm	1	0.007	66.000	0.22
P-8 PERV	Post-Development WQ Storm	1	0.000	105.000	0.00
P-9 IMP	Post-Development WQ Storm	1	0.008	66.000	0.24
P-9 PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-A IMP	Post-Development WQ Storm	1	0.025	66.000	0.76
P-A PERV	Post-Development WQ Storm	1	0.000	0.000	0.00
P-B IMP	Post-Development WQ Storm	1	0.025	66.000	0.77
P-B PERV	Post-Development WQ Storm	1	0.001	105.000	0.01
P-C IMP	Post-Development WQ Storm	1	0.008	66.000	0.26
P-C PERV	Post-Development WQ Storm	1	0.000	105.000	0.00

Node Summary

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)
J BP	Post-Development WQ Storm	1	0.000	0.000	0.00
J-A	Post-Development WQ Storm	1	0.000	0.000	0.00
J-B	Post-Development WQ Storm	1	0.000	0.000	0.00
O-1	Post-Development WQ Storm	1	0.000	0.000	0.00

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 1 (IN)	Post-Development WQ Storm	1	0.086	66.000	2.55	(N/A)	(N/A)
BASIN 1 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	78.37	0.034
BASIN 2 (IN)	Post-Development WQ Storm	1	0.021	66.000	0.61	(N/A)	(N/A)
BASIN 2 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	83.62	0.009
BASIN 3 (IN)	Post-Development WQ Storm	1	0.013	66.000	0.38	(N/A)	(N/A)
BASIN 3 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	84.97	0.009
BASIN 4 (IN)	Post-Development WQ Storm	1	0.071	66.000	2.14	(N/A)	(N/A)
BASIN 4 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	80.78	0.015
BASIN 5 (IN)	Post-Development WQ Storm	1	0.107	66.000	3.16	(N/A)	(N/A)
BASIN 5 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	78.74	0.034
BASIN 6 (IN)	Post-Development WQ Storm	1	0.018	66.000	0.48	(N/A)	(N/A)
BASIN 6 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	81.16	0.008
BASIN 7 (IN)	Post-Development WQ Storm	1	0.096	66.000	2.83	(N/A)	(N/A)

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 7 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	80.08	0.032
BASIN 8 (IN)	Post-Development WQ Storm	1	0.007	66.000	0.22	(N/A)	(N/A)
BASIN 8 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	80.29	0.003
BASIN 9 (IN)	Post-Development WQ Storm	1	0.008	66.000	0.24	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	80.56	0.003
BASIN A (IN)	Post-Development WQ Storm	1	0.025	66.000	0.76	(N/A)	(N/A)
BASIN A (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	77.19	0.025
BASIN B (IN)	Post-Development WQ Storm	1	0.026	66.000	0.77	(N/A)	(N/A)
BASIN B (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	78.59	0.026
BASIN C (IN)	Post-Development WQ Storm	1	0.009	66.000	0.26	(N/A)	(N/A)
BASIN C (OUT)	Post-Development WQ Storm	1	0.000	0.000	0.00	79.56	0.009

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	2.55 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	2.55 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.086 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.086 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.61 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.61 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.021 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.021 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.38 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.013 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.013 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	2.14 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	2.14 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.94 in
Runoff Volume (Pervious)	0.071 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.071 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	3.16 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	3.16 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.107 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.107 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	121.333 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	121.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.48 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.48 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.016 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.016 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	105.333 min
Flow (Peak, Computed)	0.02 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	105.000 min
Flow (Peak Interpolated Output)	0.02 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.03 in
Runoff Volume (Pervious)	0.001 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.001 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	2.83 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	2.83 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.03 in
Runoff Volume (Pervious)	0.096 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.096 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	107.333 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	107.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.22 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.22 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.86 in
Runoff Volume (Pervious)	0.007 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.007 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	105.333 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	105.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.03 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.24 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.24 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.86 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.76 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.76 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.94 in
Runoff Volume (Pervious)	0.025 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.025 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	0.000 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	0.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.00 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.77 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.77 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.86 in
Runoff Volume (Pervious)	0.025 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.025 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	105.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	105.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.03 in
Runoff Volume (Pervious)	0.001 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.001 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	66.000 min
Flow (Peak, Computed)	0.26 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	66.000 min
Flow (Peak Interpolated Output)	0.26 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.78 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NJWQ
Return Event	1 years
Duration	4,320.000 min
Depth	1.25 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	105.333 min
Flow (Peak, Computed)	0.00 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	105.000 min
Flow (Peak Interpolated Output)	0.00 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.03 in
Runoff Volume (Pervious)	0.000 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.000 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.000	0.000	0.00
Flow (In)	J BP	0.000	0.000	0.00

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.000	0.000	0.00
Flow (In)	J-A	0.000	0.000	0.00

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	0.000	0.000	0.00
Flow (In)	J-B	0.000	0.000	0.00

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.000	0.000	0.00
Flow (From)	CO-15	0.000	0.000	0.00
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	0.000	0.000	0.00
Flow (In)	O-1	0.000	0.000	0.00

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	79.000	78.37	0.034

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	2.55	0.000	0.00
Infiltration...	79.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.086	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.086	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.086 ac-ft
Volume (Total Out ICPM)	0.086 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	3.5500 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	78.000	83.62	0.009

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.61	0.000	0.00
Infiltration...	78.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.021	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.021	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.021 ac-ft
Volume (Total Out ICPM)	0.021 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	83.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.4600 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	107.000	84.97	0.009

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.38	0.000	0.00
Infiltration...	107.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.013	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.013	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.013 ac-ft
Volume (Total Out ICPM)	0.013 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	84.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	71.000	80.78	0.015

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	2.14	0.000	0.00
Infiltration...	71.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.071	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.071	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.071 ac-ft
Volume (Total Out ICPM)	0.071 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.70 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	77.000	78.74	0.034

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	3.16	0.000	0.00
Infiltration...	77.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.107	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.107	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.107 ac-ft
Volume (Total Out ICPM)	0.107 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	80.000	81.16	0.008

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.48	0.000	0.00
Infiltration...	80.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.018	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.018	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.018 ac-ft
Volume (Total Out ICPM)	0.018 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	81.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	77.000	80.08	0.032

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	2.83	0.000	0.00
Infiltration...	77.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.096	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.096	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.096 ac-ft
Volume (Total Out ICPM)	0.096 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	79.80 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	76.000	80.29	0.003

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.22	0.000	0.00
Infiltration...	76.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.007	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.007	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.007 ac-ft
Volume (Total Out ICPM)	0.007 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.24 ft³/s	Time to Peak (Flow, In)	66.000 min
Infiltration (Peak)	0.14 ft³/s	Time to Peak (Infiltration)	74.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	80.56 ft
Volume (Peak)	0.003 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.008 ac-ft
Volume (Total Infiltration)	0.008 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	146.000	77.19	0.025

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.76	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.025	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.025 ac-ft
Volume (Total Out ICPM)	0.000 ac-ft
Volume (Ending)	0.025 ac-ft
Elevation (Ending)	77.19 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	144.000	78.59	0.026

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.77	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.026	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.026 ac-ft
Volume (Total Out ICPM)	0.000 ac-ft
Volume (Ending)	0.026 ac-ft
Elevation (Ending)	78.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	144.000	79.56	0.009

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	66.000	0.26	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.009	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.009 ac-ft
Volume (Total Out ICPM)	0.000 ac-ft
Volume (Ending)	0.009 ac-ft
Elevation (Ending)	79.56 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

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Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P-1 PERV	Post-Development 2 year	2	0.010	859.000	0.01
P-1 PERV	Post-Development 10 year	10	0.069	729.000	0.39
P-1 PERV	Post-Development 25 year	25	0.134	728.000	1.21
P-1 PERV	Post-Development 100 year	100	0.288	728.000	3.18
P-1 IMP	Post-Development 2 year	2	0.262	727.000	2.78
P-1 IMP	Post-Development 10 year	10	0.416	727.000	4.34
P-1 IMP	Post-Development 25 year	25	0.524	727.000	5.42
P-1 IMP	Post-Development 100 year	100	0.725	727.000	7.44
P-2 IMP	Post-Development 2 year	2	0.063	727.000	0.67
P-2 IMP	Post-Development 10 year	10	0.100	727.000	1.04
P-2 IMP	Post-Development 25 year	25	0.126	727.000	1.30
P-2 IMP	Post-Development 100 year	100	0.174	727.000	1.78
P-2 PERV	Post-Development 2 year	2	0.008	799.000	0.01
P-2 PERV	Post-Development 10 year	10	0.051	728.000	0.33
P-2 PERV	Post-Development 25 year	25	0.097	728.000	0.92
P-2 PERV	Post-Development 100 year	100	0.205	728.000	2.29
P-3 IMP	Post-Development 2 year	2	0.039	727.000	0.42
P-3 IMP	Post-Development 10 year	10	0.062	727.000	0.65
P-3 IMP	Post-Development 25 year	25	0.079	727.000	0.81
P-3 IMP	Post-Development 100 year	100	0.109	727.000	1.12
P-3 PERV	Post-Development 2 year	2	0.005	781.000	0.01
P-3 PERV	Post-Development 10 year	10	0.028	728.000	0.20
P-3 PERV	Post-Development 25 year	25	0.051	728.000	0.50
P-3 PERV	Post-Development 100 year	100	0.106	728.000	1.20
P-4 IMP	Post-Development 2 year	2	0.228	727.000	2.47
P-4 IMP	Post-Development 10 year	10	0.366	727.000	3.88
P-4 IMP	Post-Development 25 year	25	0.463	727.000	4.86

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P-4 IMP	Post-Development 100 year	100	0.643	727.000	6.68
P-4 PERV	Post-Development 2 year	2	0.049	728.000	0.39
P-4 PERV	Post-Development 10 year	10	0.146	728.000	1.63
P-4 PERV	Post-Development 25 year	25	0.231	727.000	2.70
P-4 PERV	Post-Development 100 year	100	0.412	727.000	4.94
P-5 IMP	Post-Development 2 year	2	0.325	727.000	3.45
P-5 IMP	Post-Development 10 year	10	0.516	727.000	5.38
P-5 IMP	Post-Development 25 year	25	0.650	727.000	6.72
P-5 IMP	Post-Development 100 year	100	0.899	727.000	9.22
P-5 PERV	Post-Development 2 year	2	0.049	728.000	0.44
P-5 PERV	Post-Development 10 year	10	0.140	728.000	1.59
P-5 PERV	Post-Development 25 year	25	0.217	727.000	2.56
P-5 PERV	Post-Development 100 year	100	0.380	727.000	4.57
P-6 IMP	Post-Development 2 year	2	0.050	727.000	0.53
P-6 IMP	Post-Development 10 year	10	0.079	727.000	0.82
P-6 IMP	Post-Development 25 year	25	0.100	727.000	1.03
P-6 IMP	Post-Development 100 year	100	0.138	727.000	1.41
P-6 PERV	Post-Development 2 year	2	0.046	728.000	0.51
P-6 PERV	Post-Development 10 year	10	0.112	727.000	1.33
P-6 PERV	Post-Development 25 year	25	0.164	727.000	1.98
P-6 PERV	Post-Development 100 year	100	0.271	727.000	3.26
P-7 IMP	Post-Development 2 year	2	0.291	727.000	3.09
P-7 IMP	Post-Development 10 year	10	0.462	727.000	4.81
P-7 IMP	Post-Development 25 year	25	0.582	727.000	6.02
P-7 IMP	Post-Development 100 year	100	0.805	727.000	8.25
P-7 PERV	Post-Development 2 year	2	0.050	728.000	0.47
P-7 PERV	Post-Development 10 year	10	0.138	728.000	1.58

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P-7 PERV	Post-Development 25 year	25	0.213	727.000	2.52
P-7 PERV	Post-Development 100 year	100	0.368	727.000	4.43
P-8 IMP	Post-Development 2 year	2	0.024	727.000	0.27
P-8 IMP	Post-Development 10 year	10	0.040	727.000	0.43
P-8 IMP	Post-Development 25 year	25	0.050	727.000	0.54
P-8 IMP	Post-Development 100 year	100	0.071	727.000	0.74
P-8 PERV	Post-Development 2 year	2	0.008	728.000	0.09
P-8 PERV	Post-Development 10 year	10	0.019	727.000	0.23
P-8 PERV	Post-Development 25 year	25	0.029	727.000	0.35
P-8 PERV	Post-Development 100 year	100	0.047	727.000	0.57
P-9 IMP	Post-Development 2 year	2	0.027	727.000	0.30
P-9 IMP	Post-Development 10 year	10	0.044	727.000	0.47
P-9 IMP	Post-Development 25 year	25	0.056	727.000	0.59
P-9 IMP	Post-Development 100 year	100	0.078	727.000	0.81
P-9 PERV	Post-Development 2 year	2	0.003	776.000	0.01
P-9 PERV	Post-Development 10 year	10	0.014	728.000	0.11
P-9 PERV	Post-Development 25 year	25	0.026	728.000	0.26
P-9 PERV	Post-Development 100 year	100	0.052	728.000	0.59
P-A PERV	Post-Development 2 year	2	0.010	776.000	0.02
P-A PERV	Post-Development 10 year	10	0.049	728.000	0.38
P-A PERV	Post-Development 25 year	25	0.089	728.000	0.89
P-A PERV	Post-Development 100 year	100	0.182	728.000	2.07
P BY-PASS	Post-Development 2 year	2	0.045	728.000	0.36
P BY-PASS	Post-Development 10 year	10	0.135	728.000	1.51
P BY-PASS	Post-Development 25 year	25	0.214	727.000	2.50
P BY-PASS	Post-Development 100 year	100	0.382	727.000	4.58
P-B PERV	Post-Development 2 year	2	0.029	728.000	0.32

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P-B PERV	Post-Development 10 year	10	0.069	727.000	0.82
P-B PERV	Post-Development 25 year	25	0.102	727.000	1.22
P-B PERV	Post-Development 100 year	100	0.168	727.000	2.02
P-B IMP	Post-Development 2 year	2	0.085	727.000	0.94
P-B IMP	Post-Development 10 year	10	0.139	727.000	1.50
P-B IMP	Post-Development 25 year	25	0.177	727.000	1.88
P-B IMP	Post-Development 100 year	100	0.247	727.000	2.59
P-A IMP	Post-Development 2 year	2	0.081	727.000	0.88
P-A IMP	Post-Development 10 year	10	0.130	727.000	1.38
P-A IMP	Post-Development 25 year	25	0.165	727.000	1.73
P-A IMP	Post-Development 100 year	100	0.229	727.000	2.37
P-C PERV	Post-Development 2 year	2	0.010	728.000	0.11
P-C PERV	Post-Development 10 year	10	0.023	727.000	0.27
P-C PERV	Post-Development 25 year	25	0.034	727.000	0.41
P-C PERV	Post-Development 100 year	100	0.056	727.000	0.67
P-C IMP	Post-Development 2 year	2	0.031	727.000	0.34
P-C IMP	Post-Development 10 year	10	0.050	727.000	0.55
P-C IMP	Post-Development 25 year	25	0.064	727.000	0.69
P-C IMP	Post-Development 100 year	100	0.090	727.000	0.96

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
O-1	Post-Development 2 year	2	0.212	729.000	0.37
O-1	Post-Development 10 year	10	0.570	729.000	1.62
O-1	Post-Development 25 year	25	1.041	729.000	2.68
O-1	Post-Development 100 year	100	2.148	757.000	6.37
J-B	Post-Development 2 year	2	0.106	1,059.000	0.06

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)
J-B	Post-Development 10 year	10	0.285	1,052.000	0.15
J-B	Post-Development 25 year	25	0.549	815.000	0.75
J-B	Post-Development 100 year	100	1.118	760.000	5.13
J-A	Post-Development 2 year	2	0.061	887.000	0.05
J-A	Post-Development 10 year	10	0.149	884.000	0.12
J-A	Post-Development 25 year	25	0.277	897.000	0.17
J-A	Post-Development 100 year	100	0.648	921.000	0.27
J BP	Post-Development 2 year	2	0.045	728.000	0.36
J BP	Post-Development 10 year	10	0.135	728.000	1.51
J BP	Post-Development 25 year	25	0.214	727.000	2.50
J BP	Post-Development 100 year	100	0.382	727.000	4.58

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft³/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 1 (IN)	Post-Development 2 year	2	0.272	727.000	2.78	(N/A)	(N/A)
BASIN 1 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	78.48	0.045
BASIN 1 (IN)	Post-Development 10 year	10	0.485	727.000	4.69	(N/A)	(N/A)
BASIN 1 (OUT)	Post-Development 10 year	10	0.001	754.000	0.02	79.06	0.100
BASIN 1 (IN)	Post-Development 25 year	25	0.658	727.000	6.59	(N/A)	(N/A)
BASIN 1 (OUT)	Post-Development 25 year	25	0.025	754.000	0.32	79.45	0.150
BASIN 1 (IN)	Post-Development 100 year	100	1.013	727.000	10.59	(N/A)	(N/A)
BASIN 1 (OUT)	Post-Development 100 year	100	0.103	751.000	1.38	80.19	0.249

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN A (IN)	Post-Development 2 year	2	0.091	727.000	0.88	(N/A)	(N/A)
BASIN A (OUT)	Post-Development 2 year	2	0.061	887.000	0.05	77.44	0.059
BASIN A (IN)	Post-Development 10 year	10	0.179	727.000	1.74	(N/A)	(N/A)
BASIN A (OUT)	Post-Development 10 year	10	0.149	884.000	0.12	77.82	0.109
BASIN A (IN)	Post-Development 25 year	25	0.308	727.000	2.61	(N/A)	(N/A)
BASIN A (OUT)	Post-Development 25 year	25	0.277	897.000	0.17	78.42	0.206
BASIN A (IN)	Post-Development 100 year	100	0.682	734.000	5.31	(N/A)	(N/A)
BASIN A (OUT)	Post-Development 100 year	100	0.648	921.000	0.27	79.99	0.512
BASIN 2 (IN)	Post-Development 2 year	2	0.071	727.000	0.67	(N/A)	(N/A)
BASIN 2 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	83.66	0.013
BASIN 2 (IN)	Post-Development 10 year	10	0.151	728.000	1.35	(N/A)	(N/A)
BASIN 2 (OUT)	Post-Development 10 year	10	0.000	0.000	0.00	83.91	0.032
BASIN 2 (IN)	Post-Development 25 year	25	0.223	727.000	2.19	(N/A)	(N/A)
BASIN 2 (OUT)	Post-Development 25 year	25	0.012	757.000	0.15	84.13	0.054
BASIN 2 (IN)	Post-Development 100 year	100	0.379	727.000	4.06	(N/A)	(N/A)
BASIN 2 (OUT)	Post-Development 100 year	100	0.090	745.000	0.99	84.46	0.091
BASIN 3 (IN)	Post-Development 2 year	2	0.044	727.000	0.42	(N/A)	(N/A)
BASIN 3 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	85.11	0.016

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 3 (IN)	Post-Development 10 year	10	0.090	727.000	0.84	(N/A)	(N/A)
BASIN 3 (OUT)	Post-Development 10 year	10	0.000	0.000	0.00	85.51	0.037
BASIN 3 (IN)	Post-Development 25 year	25	0.130	727.000	1.30	(N/A)	(N/A)
BASIN 3 (OUT)	Post-Development 25 year	25	0.018	774.000	0.14	85.72	0.048
BASIN 3 (IN)	Post-Development 100 year	100	0.215	727.000	2.31	(N/A)	(N/A)
BASIN 3 (OUT)	Post-Development 100 year	100	0.079	742.000	0.85	86.01	0.063
BASIN B (IN)	Post-Development 2 year	2	0.141	727.000	1.26	(N/A)	(N/A)
BASIN B (OUT)	Post-Development 2 year	2	0.106	1,059.000	0.06	78.80	0.085
BASIN B (IN)	Post-Development 10 year	10	0.325	727.000	2.34	(N/A)	(N/A)
BASIN B (OUT)	Post-Development 10 year	10	0.285	1,052.000	0.15	79.12	0.178
BASIN B (IN)	Post-Development 25 year	25	0.591	741.000	3.76	(N/A)	(N/A)
BASIN B (OUT)	Post-Development 25 year	25	0.549	815.000	0.75	79.59	0.323
BASIN B (IN)	Post-Development 100 year	100	1.161	736.000	11.82	(N/A)	(N/A)
BASIN B (OUT)	Post-Development 100 year	100	1.118	760.000	5.13	80.01	0.451
BASIN 4 (IN)	Post-Development 2 year	2	0.277	727.000	2.84	(N/A)	(N/A)
BASIN 4 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	80.82	0.023
BASIN 4 (IN)	Post-Development 10 year	10	0.512	727.000	5.49	(N/A)	(N/A)
BASIN 4 (OUT)	Post-Development 10 year	10	0.003	743.000	0.06	81.10	0.076

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 4 (IN)	Post-Development 25 year	25	0.694	727.000	7.56	(N/A)	(N/A)
BASIN 4 (OUT)	Post-Development 25 year	25	0.009	749.000	0.10	81.35	0.130
BASIN 4 (IN)	Post-Development 100 year	100	1.056	727.000	11.62	(N/A)	(N/A)
BASIN 4 (OUT)	Post-Development 100 year	100	0.028	756.000	0.16	81.94	0.253
BASIN 5 (IN)	Post-Development 2 year	2	0.375	727.000	3.88	(N/A)	(N/A)
BASIN 5 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	78.88	0.053
BASIN 5 (IN)	Post-Development 10 year	10	0.656	727.000	6.96	(N/A)	(N/A)
BASIN 5 (OUT)	Post-Development 10 year	10	0.000	0.000	0.00	79.42	0.139
BASIN 5 (IN)	Post-Development 25 year	25	0.867	727.000	9.28	(N/A)	(N/A)
BASIN 5 (OUT)	Post-Development 25 year	25	0.049	745.000	1.25	79.72	0.189
BASIN 5 (IN)	Post-Development 100 year	100	1.279	727.000	13.79	(N/A)	(N/A)
BASIN 5 (OUT)	Post-Development 100 year	100	0.169	736.000	5.24	80.08	0.250
BASIN 5 (Reverse)	Post-Development 100 year	100	0.000	832.000	0.00	(N/A)	(N/A)
BASIN 6 (IN)	Post-Development 2 year	2	0.096	727.000	1.03	(N/A)	(N/A)
BASIN 6 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	81.51	0.024
BASIN 6 (IN)	Post-Development 10 year	10	0.191	727.000	2.15	(N/A)	(N/A)
BASIN 6 (OUT)	Post-Development 10 year	10	0.011	751.000	0.22	82.09	0.054
BASIN 6 (IN)	Post-Development 25 year	25	0.264	727.000	3.01	(N/A)	(N/A)

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 6 (OUT)	Post-Development 25 year	25	0.047	740.000	0.97	82.24	0.067
BASIN 6 (IN)	Post-Development 100 year	100	0.409	727.000	4.67	(N/A)	(N/A)
BASIN 6 (OUT)	Post-Development 100 year	100	0.127	734.000	2.64	82.48	0.085
BASIN 7 (IN)	Post-Development 2 year	2	0.341	727.000	3.55	(N/A)	(N/A)
BASIN 7 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	80.23	0.052
BASIN 7 (IN)	Post-Development 10 year	10	0.600	727.000	6.39	(N/A)	(N/A)
BASIN 7 (OUT)	Post-Development 10 year	10	0.043	741.000	1.27	80.70	0.112
BASIN 7 (IN)	Post-Development 25 year	25	0.795	727.000	8.54	(N/A)	(N/A)
BASIN 7 (OUT)	Post-Development 25 year	25	0.123	736.000	3.40	80.88	0.135
BASIN 7 (IN)	Post-Development 100 year	100	1.173	727.000	12.69	(N/A)	(N/A)
BASIN 7 (OUT)	Post-Development 100 year	100	0.289	732.000	7.55	81.15	0.173
BASIN 8 (IN)	Post-Development 2 year	2	0.032	727.000	0.36	(N/A)	(N/A)
BASIN 8 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	80.39	0.006
BASIN 8 (IN)	Post-Development 10 year	10	0.059	727.000	0.66	(N/A)	(N/A)
BASIN 8 (OUT)	Post-Development 10 year	10	0.000	0.000	0.00	80.66	0.014
BASIN 8 (IN)	Post-Development 25 year	25	0.079	727.000	0.88	(N/A)	(N/A)
BASIN 8 (OUT)	Post-Development 25 year	25	0.000	0.000	0.00	80.88	0.021
BASIN 8 (IN)	Post-Development 100 year	100	0.118	727.000	1.31	(N/A)	(N/A)

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 8 (OUT)	Post-Development 100 year	100	0.000	762.000	0.01	81.25	0.036
BASIN 9 (IN)	Post-Development 2 year	2	0.030	727.000	0.30	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 2 year	2	0.000	0.000	0.00	80.57	0.004
BASIN 9 (IN)	Post-Development 10 year	10	0.058	727.000	0.57	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 10 year	10	0.000	0.000	0.00	80.66	0.008
BASIN 9 (IN)	Post-Development 25 year	25	0.081	727.000	0.84	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 25 year	25	0.000	0.000	0.00	80.79	0.014
BASIN 9 (IN)	Post-Development 100 year	100	0.130	727.000	1.41	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 100 year	100	0.000	0.000	0.00	81.07	0.031
BASIN C (IN)	Post-Development 2 year	2	0.040	727.000	0.45	(N/A)	(N/A)
BASIN C (OUT)	Post-Development 2 year	2	0.027	936.000	0.02	79.68	0.027
BASIN C (IN)	Post-Development 10 year	10	0.116	740.000	1.63	(N/A)	(N/A)
BASIN C (OUT)	Post-Development 10 year	10	0.103	778.000	0.14	80.05	0.083
BASIN C (IN)	Post-Development 25 year	25	0.221	735.000	4.04	(N/A)	(N/A)
BASIN C (OUT)	Post-Development 25 year	25	0.207	767.000	0.81	80.43	0.147
BASIN C (IN)	Post-Development 100 year	100	0.435	732.000	8.75	(N/A)	(N/A)
BASIN C (OUT)	Post-Development 100 year	100	0.422	752.000	2.37	80.94	0.236

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.36 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.36 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.48 in
Runoff Volume (Pervious)	0.045 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.045 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.52 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.51 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.44 in
Runoff Volume (Pervious)	0.135 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.135 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.52 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.50 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.28 in
Runoff Volume (Pervious)	0.214 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.214 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.61 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.58 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.05 in
Runoff Volume (Pervious)	0.382 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.382 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.79 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.78 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.262 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.262 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.34 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.416 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.416 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	5.43 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	5.42 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.524 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.524 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	7.45 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	7.44 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.725 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.725 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	859.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	859.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.08 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.667 min
Flow (Peak, Computed)	0.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	729.000 min
Flow (Peak Interpolated Output)	0.39 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.57 in
Runoff Volume (Pervious)	0.069 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.069 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	1.21 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.21 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.10 in
Runoff Volume (Pervious)	0.134 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.134 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.20 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	3.18 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.37 in
Runoff Volume (Pervious)	0.288 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.288 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.67 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.67 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.063 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.063 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.04 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.04 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.100 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.100 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.30 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.30 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.126 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.126 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.79 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.78 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.174 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.174 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	799.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	799.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.10 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.667 min
Flow (Peak, Computed)	0.33 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.33 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.62 in
Runoff Volume (Pervious)	0.051 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.051 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.92 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.92 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.18 in
Runoff Volume (Pervious)	0.097 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.097 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.31 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	2.29 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.49 in
Runoff Volume (Pervious)	0.205 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.205 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.42 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.42 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.039 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.039 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.65 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.65 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.062 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.062 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.81 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.81 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.079 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.079 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.12 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.12 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.109 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.109 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	781.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	781.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.12 in
Runoff Volume (Pervious)	0.005 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.005 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.20 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.20 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.68 in
Runoff Volume (Pervious)	0.028 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.028 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.50 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.50 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.25 in
Runoff Volume (Pervious)	0.051 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.051 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.21 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.20 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.61 in
Runoff Volume (Pervious)	0.106 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.106 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.48 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.47 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.04 in
Runoff Volume (Pervious)	0.228 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.228 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.88 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.88 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.88 in
Runoff Volume (Pervious)	0.366 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.366 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.87 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.86 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.17 in
Runoff Volume (Pervious)	0.463 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.463 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	6.69 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	6.68 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.58 in
Runoff Volume (Pervious)	0.643 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.643 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.39 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.48 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.64 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.63 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.44 in
Runoff Volume (Pervious)	0.146 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.146 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.72 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.70 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.28 in
Runoff Volume (Pervious)	0.231 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.231 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.98 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.94 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.05 in
Runoff Volume (Pervious)	0.412 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.412 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.46 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.45 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.325 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.325 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	5.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	5.38 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.516 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.516 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	6.74 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	6.72 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.650 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.650 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	9.24 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	9.22 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.899 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.899 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.44 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.44 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.56 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.59 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.58 in
Runoff Volume (Pervious)	0.140 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.140 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.58 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.56 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.46 in
Runoff Volume (Pervious)	0.217 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.217 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.57 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.30 in
Runoff Volume (Pervious)	0.380 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.380 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.53 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.53 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.83 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.82 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.079 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.079 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.03 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.03 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.100 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.100 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.42 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.41 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.138 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.138 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.51 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.51 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.046 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.046 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.33 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.112 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.112 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.99 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.98 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.13 in
Runoff Volume (Pervious)	0.164 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.164 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.27 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.26 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.16 in
Runoff Volume (Pervious)	0.271 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.271 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.10 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.09 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.291 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.291 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.82 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.81 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.462 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.462 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	6.03 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	6.02 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.29 in
Runoff Volume (Pervious)	0.582 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.582 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	8.27 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	8.25 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.70 in
Runoff Volume (Pervious)	0.805 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.805 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.47 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.47 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.60 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.58 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.66 in
Runoff Volume (Pervious)	0.138 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.138 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.54 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.52 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.55 in
Runoff Volume (Pervious)	0.213 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.213 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.46 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.43 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.42 in
Runoff Volume (Pervious)	0.368 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.368 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.27 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.27 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.024 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.024 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.43 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.43 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.040 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.040 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.54 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.54 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.06 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.74 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.74 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.46 in
Runoff Volume (Pervious)	0.070 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.071 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.09 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.09 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.23 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.23 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.019 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.019 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.35 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.35 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.13 in
Runoff Volume (Pervious)	0.029 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.029 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.57 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.57 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.16 in
Runoff Volume (Pervious)	0.047 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.047 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.30 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.30 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.027 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.027 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.47 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.47 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.044 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.044 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.59 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.59 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.06 in
Runoff Volume (Pervious)	0.056 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.056 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.81 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.81 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.46 in
Runoff Volume (Pervious)	0.078 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.078 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	775.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	776.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.14 in
Runoff Volume (Pervious)	0.003 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.003 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.11 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.11 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.73 in
Runoff Volume (Pervious)	0.014 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.014 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.26 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.26 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.33 in
Runoff Volume (Pervious)	0.026 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.026 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.59 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.72 in
Runoff Volume (Pervious)	0.052 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.052 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.88 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.88 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.04 in
Runoff Volume (Pervious)	0.081 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.081 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.38 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.88 in
Runoff Volume (Pervious)	0.130 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.130 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.73 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.73 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.17 in
Runoff Volume (Pervious)	0.165 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.165 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.37 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.58 in
Runoff Volume (Pervious)	0.229 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.229 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	775.333 min
Flow (Peak, Computed)	0.02 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	776.000 min
Flow (Peak Interpolated Output)	0.02 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.14 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.38 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.73 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.89 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.89 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.33 in
Runoff Volume (Pervious)	0.089 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.089 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.08 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	2.07 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.72 in
Runoff Volume (Pervious)	0.182 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.182 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.95 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.94 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.085 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.085 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.50 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.50 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.139 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.139 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.88 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.88 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.06 in
Runoff Volume (Pervious)	0.177 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.177 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.59 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.59 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.46 in
Runoff Volume (Pervious)	0.247 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.247 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.32 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.32 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.029 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.029 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.83 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.82 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.069 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.069 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.23 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.22 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.13 in
Runoff Volume (Pervious)	0.102 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.102 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.03 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.02 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.16 in
Runoff Volume (Pervious)	0.168 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.168 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.34 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.82 in
Runoff Volume (Pervious)	0.031 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.031 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.55 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.55 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.65 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.69 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.69 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.94 in
Runoff Volume (Pervious)	0.064 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.064 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.96 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.96 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	8.34 in
Runoff Volume (Pervious)	0.090 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.090 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.11 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.11 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.28 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.27 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.023 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.023 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.41 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.41 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.13 in
Runoff Volume (Pervious)	0.034 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.034 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (8.94 in)
Return Event	100 years
Duration	4,320.000 min
Depth	8.94 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.68 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.67 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	5.16 in
Runoff Volume (Pervious)	0.056 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.056 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.045	728.000	0.36
Flow (In)	J BP	0.045	728.000	0.36

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.135	728.000	1.51
Flow (In)	J BP	0.135	728.000	1.51

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.214	727.000	2.50
Flow (In)	J BP	0.214	727.000	2.50

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.382	727.000	4.58
Flow (In)	J BP	0.382	727.000	4.58

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.061	887.000	0.05
Flow (In)	J-A	0.061	887.000	0.05

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.149	884.000	0.12
Flow (In)	J-A	0.149	884.000	0.12

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.277	897.000	0.17
Flow (In)	J-A	0.277	897.000	0.17

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.648	921.000	0.27
Flow (In)	J-A	0.648	921.000	0.27

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	0.106	1,059.000	0.06
Flow (In)	J-B	0.106	1,059.000	0.06

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	0.285	1,052.000	0.15
Flow (In)	J-B	0.285	1,052.000	0.15

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	0.549	815.000	0.75
Flow (In)	J-B	0.549	815.000	0.75

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	1.118	760.000	5.13
Flow (In)	J-B	1.118	760.000	5.13

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.061	888.000	0.05
Flow (From)	CO-15	0.045	729.000	0.36
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	0.106	1,060.000	0.06
Flow (In)	O-1	0.212	729.000	0.37

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.149	885.000	0.12
Flow (From)	CO-15	0.135	729.000	1.51
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	0.285	1,053.000	0.15
Flow (In)	O-1	0.570	729.000	1.62

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.277	898.000	0.17
Flow (From)	CO-15	0.214	728.000	2.50
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	0.549	816.000	0.75
Flow (In)	O-1	1.041	729.000	2.68

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.648	922.000	0.27
Flow (From)	CO-15	0.382	728.000	4.58
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	1.118	761.000	5.13
Flow (In)	O-1	2.148	757.000	6.37

Subsection: Elevation-Area Volume Curve
Label: BASIN 1
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.00	0.0	0.08	0.00	0.000	0.000
79.00	0.0	0.11	0.28	0.092	0.092
80.00	0.0	0.15	0.38	0.128	0.220
80.50	0.0	0.17	0.47	0.078	0.298

Subsection: Elevation-Area Volume Curve
Label: BASIN 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
83.50	0.0	0.05	0.00	0.000	0.000
84.00	0.0	0.11	0.23	0.039	0.039
84.50	0.0	0.12	0.34	0.057	0.096

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
84.60	0.0	0.02	0.00	0.000	0.000
85.00	0.0	0.03	0.07	0.010	0.010
86.10	0.0	0.08	0.16	0.058	0.068

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.70	0.0	0.18	0.00	0.000	0.000
81.00	0.0	0.19	0.55	0.055	0.055
82.00	0.0	0.23	0.63	0.210	0.265
82.50	0.0	0.26	0.73	0.122	0.388

Subsection: Elevation-Area Volume Curve
Label: BASIN 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.50	0.0	0.13	0.00	0.000	0.000
79.00	0.0	0.15	0.42	0.070	0.070
80.00	0.0	0.18	0.50	0.165	0.236
80.50	0.0	0.19	0.56	0.094	0.330

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
81.00	0.0	0.03	0.00	0.000	0.000
82.00	0.0	0.07	0.14	0.047	0.047
82.50	0.0	0.09	0.24	0.040	0.087

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
79.80	0.0	0.11	0.00	0.000	0.000
80.00	0.0	0.11	0.34	0.022	0.022
81.00	0.0	0.14	0.38	0.128	0.150
81.50	0.0	0.16	0.46	0.076	0.226

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.20	0.0	0.02	0.00	0.000	0.000
81.00	0.0	0.04	0.09	0.025	0.025
81.50	0.0	0.05	0.13	0.022	0.047

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.50	0.0	0.05	0.00	0.000	0.000
81.00	0.0	0.06	0.16	0.027	0.027
82.00	0.0	0.09	0.22	0.073	0.099
82.50	0.0	0.10	0.28	0.047	0.146

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
77.00	0.0	0.12	0.00	0.000	0.000
78.00	0.0	0.15	0.40	0.134	0.134
79.00	0.0	0.19	0.51	0.170	0.303
80.00	0.0	0.23	0.63	0.210	0.514
80.50	0.0	0.27	0.76	0.126	0.640

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.50	0.0	0.28	0.00	0.000	0.000
79.00	0.0	0.29	0.85	0.142	0.142
80.00	0.0	0.32	0.92	0.308	0.449
81.00	0.0	0.36	1.02	0.342	0.791
81.50	0.0	0.39	1.13	0.188	0.979

Subsection: Elevation-Area Volume Curve
Label: BASIN C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
79.50	0.0	0.14	0.00	0.000	0.000
80.00	0.0	0.16	0.45	0.075	0.075
81.00	0.0	0.19	0.51	0.171	0.245
81.50	0.0	0.22	0.60	0.100	0.346

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.00	0.00	None Contributing
78.10	0.00	77.00	0.00	None Contributing
78.20	0.00	77.00	0.00	None Contributing
78.30	0.00	77.00	0.00	None Contributing
78.40	0.00	77.00	0.00	None Contributing
78.50	0.00	77.00	0.00	None Contributing
78.60	0.00	77.00	0.00	None Contributing
78.70	0.00	77.00	0.00	None Contributing
78.80	0.00	77.00	0.00	None Contributing
78.90	0.00	77.00	0.00	None Contributing
79.00	0.00	77.00	0.00	Weir - 1
79.10	0.03	77.00	0.00	Weir - 1
79.20	0.10	77.00	0.00	Weir - 1
79.30	0.18	77.00	0.00	Weir - 1
79.40	0.27	77.00	0.00	Weir - 1
79.50	0.38	77.00	0.00	Weir - 1
79.60	0.50	77.00	0.00	Weir - 1
79.70	0.62	77.00	0.00	Weir - 1
79.80	0.76	77.00	0.00	Weir - 1
79.90	0.91	77.00	0.00	Weir - 1
80.00	1.07	77.00	0.00	Weir - 1
80.10	1.23	77.00	0.00	Weir - 1
80.20	1.40	77.00	0.00	Weir - 1
80.30	1.58	77.00	0.00	Weir - 1
80.40	1.77	77.00	0.00	Weir - 1
80.50	1.96	77.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.10	0.00	None Contributing
78.10	0.00	77.10	0.00	None Contributing
78.20	0.00	77.10	0.00	None Contributing
78.30	0.00	77.10	0.00	None Contributing
78.40	0.00	77.10	0.00	None Contributing
78.50	0.00	77.10	0.00	None Contributing
78.60	0.00	77.10	0.00	None Contributing
78.70	0.00	77.10	0.00	None Contributing
78.80	0.00	77.10	0.00	None Contributing
78.90	0.00	77.10	0.00	None Contributing
79.00	0.00	77.10	0.00	Weir - 1
79.10	0.03	77.10	0.00	Weir - 1
79.20	0.10	77.10	0.00	Weir - 1
79.30	0.18	77.10	0.00	Weir - 1
79.40	0.27	77.10	0.00	Weir - 1
79.50	0.38	77.10	0.00	Weir - 1
79.60	0.50	77.10	0.00	Weir - 1
79.70	0.62	77.10	0.00	Weir - 1
79.80	0.76	77.10	0.00	Weir - 1
79.90	0.91	77.10	0.00	Weir - 1
80.00	1.07	77.10	0.00	Weir - 1
80.10	1.23	77.10	0.00	Weir - 1
80.20	1.40	77.10	0.00	Weir - 1
80.30	1.58	77.10	0.00	Weir - 1
80.40	1.77	77.10	0.00	Weir - 1
80.50	1.96	77.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.20	0.00	None Contributing
78.10	0.00	77.20	0.00	None Contributing
78.20	0.00	77.20	0.00	None Contributing
78.30	0.00	77.20	0.00	None Contributing
78.40	0.00	77.20	0.00	None Contributing
78.50	0.00	77.20	0.00	None Contributing
78.60	0.00	77.20	0.00	None Contributing
78.70	0.00	77.20	0.00	None Contributing
78.80	0.00	77.20	0.00	None Contributing
78.90	0.00	77.20	0.00	None Contributing
79.00	0.00	77.20	0.00	Weir - 1
79.10	0.03	77.20	0.00	Weir - 1
79.20	0.10	77.20	0.00	Weir - 1
79.30	0.18	77.20	0.00	Weir - 1
79.40	0.27	77.20	0.00	Weir - 1
79.50	0.38	77.20	0.00	Weir - 1
79.60	0.50	77.20	0.00	Weir - 1
79.70	0.62	77.20	0.00	Weir - 1
79.80	0.76	77.20	0.00	Weir - 1
79.90	0.91	77.20	0.00	Weir - 1
80.00	1.07	77.20	0.00	Weir - 1
80.10	1.23	77.20	0.00	Weir - 1
80.20	1.40	77.20	0.00	Weir - 1
80.30	1.58	77.20	0.00	Weir - 1
80.40	1.77	77.20	0.00	Weir - 1
80.50	1.96	77.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.30	0.00	None Contributing
78.10	0.00	77.30	0.00	None Contributing
78.20	0.00	77.30	0.00	None Contributing
78.30	0.00	77.30	0.00	None Contributing
78.40	0.00	77.30	0.00	None Contributing
78.50	0.00	77.30	0.00	None Contributing
78.60	0.00	77.30	0.00	None Contributing
78.70	0.00	77.30	0.00	None Contributing
78.80	0.00	77.30	0.00	None Contributing
78.90	0.00	77.30	0.00	None Contributing
79.00	0.00	77.30	0.00	Weir - 1
79.10	0.03	77.30	0.00	Weir - 1
79.20	0.10	77.30	0.00	Weir - 1
79.30	0.18	77.30	0.00	Weir - 1
79.40	0.27	77.30	0.00	Weir - 1
79.50	0.38	77.30	0.00	Weir - 1
79.60	0.50	77.30	0.00	Weir - 1
79.70	0.62	77.30	0.00	Weir - 1
79.80	0.76	77.30	0.00	Weir - 1
79.90	0.91	77.30	0.00	Weir - 1
80.00	1.07	77.30	0.00	Weir - 1
80.10	1.23	77.30	0.00	Weir - 1
80.20	1.40	77.30	0.00	Weir - 1
80.30	1.58	77.30	0.00	Weir - 1
80.40	1.77	77.30	0.00	Weir - 1
80.50	1.96	77.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.40	0.00	None Contributing
78.10	0.00	77.40	0.00	None Contributing
78.20	0.00	77.40	0.00	None Contributing
78.30	0.00	77.40	0.00	None Contributing
78.40	0.00	77.40	0.00	None Contributing
78.50	0.00	77.40	0.00	None Contributing
78.60	0.00	77.40	0.00	None Contributing
78.70	0.00	77.40	0.00	None Contributing
78.80	0.00	77.40	0.00	None Contributing
78.90	0.00	77.40	0.00	None Contributing
79.00	0.00	77.40	0.00	Weir - 1
79.10	0.03	77.40	0.00	Weir - 1
79.20	0.10	77.40	0.00	Weir - 1
79.30	0.18	77.40	0.00	Weir - 1
79.40	0.27	77.40	0.00	Weir - 1
79.50	0.38	77.40	0.00	Weir - 1
79.60	0.50	77.40	0.00	Weir - 1
79.70	0.62	77.40	0.00	Weir - 1
79.80	0.76	77.40	0.00	Weir - 1
79.90	0.91	77.40	0.00	Weir - 1
80.00	1.07	77.40	0.00	Weir - 1
80.10	1.23	77.40	0.00	Weir - 1
80.20	1.40	77.40	0.00	Weir - 1
80.30	1.58	77.40	0.00	Weir - 1
80.40	1.77	77.40	0.00	Weir - 1
80.50	1.96	77.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.50	0.00	None Contributing
78.10	0.00	77.50	0.00	None Contributing
78.20	0.00	77.50	0.00	None Contributing
78.30	0.00	77.50	0.00	None Contributing
78.40	0.00	77.50	0.00	None Contributing
78.50	0.00	77.50	0.00	None Contributing
78.60	0.00	77.50	0.00	None Contributing
78.70	0.00	77.50	0.00	None Contributing
78.80	0.00	77.50	0.00	None Contributing
78.90	0.00	77.50	0.00	None Contributing
79.00	0.00	77.50	0.00	Weir - 1
79.10	0.03	77.50	0.00	Weir - 1
79.20	0.10	77.50	0.00	Weir - 1
79.30	0.18	77.50	0.00	Weir - 1
79.40	0.27	77.50	0.00	Weir - 1
79.50	0.38	77.50	0.00	Weir - 1
79.60	0.50	77.50	0.00	Weir - 1
79.70	0.62	77.50	0.00	Weir - 1
79.80	0.76	77.50	0.00	Weir - 1
79.90	0.91	77.50	0.00	Weir - 1
80.00	1.07	77.50	0.00	Weir - 1
80.10	1.23	77.50	0.00	Weir - 1
80.20	1.40	77.50	0.00	Weir - 1
80.30	1.58	77.50	0.00	Weir - 1
80.40	1.77	77.50	0.00	Weir - 1
80.50	1.96	77.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.60	0.00	None Contributing
78.10	0.00	77.60	0.00	None Contributing
78.20	0.00	77.60	0.00	None Contributing
78.30	0.00	77.60	0.00	None Contributing
78.40	0.00	77.60	0.00	None Contributing
78.50	0.00	77.60	0.00	None Contributing
78.60	0.00	77.60	0.00	None Contributing
78.70	0.00	77.60	0.00	None Contributing
78.80	0.00	77.60	0.00	None Contributing
78.90	0.00	77.60	0.00	None Contributing
79.00	0.00	77.60	0.00	Weir - 1
79.10	0.03	77.60	0.00	Weir - 1
79.20	0.10	77.60	0.00	Weir - 1
79.30	0.18	77.60	0.00	Weir - 1
79.40	0.27	77.60	0.00	Weir - 1
79.50	0.38	77.60	0.00	Weir - 1
79.60	0.50	77.60	0.00	Weir - 1
79.70	0.62	77.60	0.00	Weir - 1
79.80	0.76	77.60	0.00	Weir - 1
79.90	0.91	77.60	0.00	Weir - 1
80.00	1.07	77.60	0.00	Weir - 1
80.10	1.23	77.60	0.00	Weir - 1
80.20	1.40	77.60	0.00	Weir - 1
80.30	1.58	77.60	0.00	Weir - 1
80.40	1.77	77.60	0.00	Weir - 1
80.50	1.96	77.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.70	0.00	None Contributing
78.10	0.00	77.70	0.00	None Contributing
78.20	0.00	77.70	0.00	None Contributing
78.30	0.00	77.70	0.00	None Contributing
78.40	0.00	77.70	0.00	None Contributing
78.50	0.00	77.70	0.00	None Contributing
78.60	0.00	77.70	0.00	None Contributing
78.70	0.00	77.70	0.00	None Contributing
78.80	0.00	77.70	0.00	None Contributing
78.90	0.00	77.70	0.00	None Contributing
79.00	0.00	77.70	0.00	Weir - 1
79.10	0.03	77.70	0.00	Weir - 1
79.20	0.10	77.70	0.00	Weir - 1
79.30	0.18	77.70	0.00	Weir - 1
79.40	0.27	77.70	0.00	Weir - 1
79.50	0.38	77.70	0.00	Weir - 1
79.60	0.50	77.70	0.00	Weir - 1
79.70	0.62	77.70	0.00	Weir - 1
79.80	0.76	77.70	0.00	Weir - 1
79.90	0.91	77.70	0.00	Weir - 1
80.00	1.07	77.70	0.00	Weir - 1
80.10	1.23	77.70	0.00	Weir - 1
80.20	1.40	77.70	0.00	Weir - 1
80.30	1.58	77.70	0.00	Weir - 1
80.40	1.77	77.70	0.00	Weir - 1
80.50	1.96	77.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.80	0.00	None Contributing
78.10	0.00	77.80	0.00	None Contributing
78.20	0.00	77.80	0.00	None Contributing
78.30	0.00	77.80	0.00	None Contributing
78.40	0.00	77.80	0.00	None Contributing
78.50	0.00	77.80	0.00	None Contributing
78.60	0.00	77.80	0.00	None Contributing
78.70	0.00	77.80	0.00	None Contributing
78.80	0.00	77.80	0.00	None Contributing
78.90	0.00	77.80	0.00	None Contributing
79.00	0.00	77.80	0.00	Weir - 1
79.10	0.03	77.80	0.00	Weir - 1
79.20	0.10	77.80	0.00	Weir - 1
79.30	0.18	77.80	0.00	Weir - 1
79.40	0.27	77.80	0.00	Weir - 1
79.50	0.38	77.80	0.00	Weir - 1
79.60	0.50	77.80	0.00	Weir - 1
79.70	0.62	77.80	0.00	Weir - 1
79.80	0.76	77.80	0.00	Weir - 1
79.90	0.91	77.80	0.00	Weir - 1
80.00	1.07	77.80	0.00	Weir - 1
80.10	1.23	77.80	0.00	Weir - 1
80.20	1.40	77.80	0.00	Weir - 1
80.30	1.58	77.80	0.00	Weir - 1
80.40	1.77	77.80	0.00	Weir - 1
80.50	1.96	77.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.90	0.00	None Contributing
78.10	0.00	77.90	0.00	None Contributing
78.20	0.00	77.90	0.00	None Contributing
78.30	0.00	77.90	0.00	None Contributing
78.40	0.00	77.90	0.00	None Contributing
78.50	0.00	77.90	0.00	None Contributing
78.60	0.00	77.90	0.00	None Contributing
78.70	0.00	77.90	0.00	None Contributing
78.80	0.00	77.90	0.00	None Contributing
78.90	0.00	77.90	0.00	None Contributing
79.00	0.00	77.90	0.00	Weir - 1
79.10	0.03	77.90	0.00	Weir - 1
79.20	0.10	77.90	0.00	Weir - 1
79.30	0.18	77.90	0.00	Weir - 1
79.40	0.27	77.90	0.00	Weir - 1
79.50	0.38	77.90	0.00	Weir - 1
79.60	0.50	77.90	0.00	Weir - 1
79.70	0.62	77.90	0.00	Weir - 1
79.80	0.76	77.90	0.00	Weir - 1
79.90	0.91	77.90	0.00	Weir - 1
80.00	1.07	77.90	0.00	Weir - 1
80.10	1.23	77.90	0.00	Weir - 1
80.20	1.40	77.90	0.00	Weir - 1
80.30	1.58	77.90	0.00	Weir - 1
80.40	1.77	77.90	0.00	Weir - 1
80.50	1.96	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.00	0.00	None Contributing
78.10	0.00	78.00	0.00	None Contributing
78.20	0.00	78.00	0.00	None Contributing
78.30	0.00	78.00	0.00	None Contributing
78.40	0.00	78.00	0.00	None Contributing
78.50	0.00	78.00	0.00	None Contributing
78.60	0.00	78.00	0.00	None Contributing
78.70	0.00	78.00	0.00	None Contributing
78.80	0.00	78.00	0.00	None Contributing
78.90	0.00	78.00	0.00	None Contributing
79.00	0.00	78.00	0.00	Weir - 1
79.10	0.03	78.00	0.00	Weir - 1
79.20	0.10	78.00	0.00	Weir - 1
79.30	0.18	78.00	0.00	Weir - 1
79.40	0.27	78.00	0.00	Weir - 1
79.50	0.38	78.00	0.00	Weir - 1
79.60	0.50	78.00	0.00	Weir - 1
79.70	0.62	78.00	0.00	Weir - 1
79.80	0.76	78.00	0.00	Weir - 1
79.90	0.91	78.00	0.00	Weir - 1
80.00	1.07	78.00	0.00	Weir - 1
80.10	1.23	78.00	0.00	Weir - 1
80.20	1.40	78.00	0.00	Weir - 1
80.30	1.58	78.00	0.00	Weir - 1
80.40	1.77	78.00	0.00	Weir - 1
80.50	1.96	78.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.10	0.00	Weir - 1
78.10	0.00	78.10	0.00	None Contributing
78.20	0.00	78.10	0.00	None Contributing
78.30	0.00	78.10	0.00	None Contributing
78.40	0.00	78.10	0.00	None Contributing
78.50	0.00	78.10	0.00	None Contributing
78.60	0.00	78.10	0.00	None Contributing
78.70	0.00	78.10	0.00	None Contributing
78.80	0.00	78.10	0.00	None Contributing
78.90	0.00	78.10	0.00	None Contributing
79.00	0.00	78.10	0.00	Weir - 1
79.10	0.03	78.10	0.00	Weir - 1
79.20	0.10	78.10	0.00	Weir - 1
79.30	0.18	78.10	0.00	Weir - 1
79.40	0.27	78.10	0.00	Weir - 1
79.50	0.38	78.10	0.00	Weir - 1
79.60	0.50	78.10	0.00	Weir - 1
79.70	0.62	78.10	0.00	Weir - 1
79.80	0.76	78.10	0.00	Weir - 1
79.90	0.91	78.10	0.00	Weir - 1
80.00	1.07	78.10	0.00	Weir - 1
80.10	1.23	78.10	0.00	Weir - 1
80.20	1.40	78.10	0.00	Weir - 1
80.30	1.58	78.10	0.00	Weir - 1
80.40	1.77	78.10	0.00	Weir - 1
80.50	1.96	78.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.20	0.00	Weir - 1
78.10	0.00	78.20	0.00	Weir - 1
78.20	0.00	78.20	0.00	None Contributing
78.30	0.00	78.20	0.00	None Contributing
78.40	0.00	78.20	0.00	None Contributing
78.50	0.00	78.20	0.00	None Contributing
78.60	0.00	78.20	0.00	None Contributing
78.70	0.00	78.20	0.00	None Contributing
78.80	0.00	78.20	0.00	None Contributing
78.90	0.00	78.20	0.00	None Contributing
79.00	0.00	78.20	0.00	Weir - 1
79.10	0.03	78.20	0.00	Weir - 1
79.20	0.10	78.20	0.00	Weir - 1
79.30	0.18	78.20	0.00	Weir - 1
79.40	0.27	78.20	0.00	Weir - 1
79.50	0.38	78.20	0.00	Weir - 1
79.60	0.50	78.20	0.00	Weir - 1
79.70	0.62	78.20	0.00	Weir - 1
79.80	0.76	78.20	0.00	Weir - 1
79.90	0.91	78.20	0.00	Weir - 1
80.00	1.07	78.20	0.00	Weir - 1
80.10	1.23	78.20	0.00	Weir - 1
80.20	1.40	78.20	0.00	Weir - 1
80.30	1.58	78.20	0.00	Weir - 1
80.40	1.77	78.20	0.00	Weir - 1
80.50	1.96	78.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.30	0.00	Weir - 1
78.10	0.00	78.30	0.00	Weir - 1
78.20	0.00	78.30	0.00	Weir - 1
78.30	0.00	78.30	0.00	None Contributing
78.40	0.00	78.30	0.00	None Contributing
78.50	0.00	78.30	0.00	None Contributing
78.60	0.00	78.30	0.00	None Contributing
78.70	0.00	78.30	0.00	None Contributing
78.80	0.00	78.30	0.00	None Contributing
78.90	0.00	78.30	0.00	None Contributing
79.00	0.00	78.30	0.00	Weir - 1
79.10	0.03	78.30	0.00	Weir - 1
79.20	0.10	78.30	0.00	Weir - 1
79.30	0.18	78.30	0.00	Weir - 1
79.40	0.27	78.30	0.00	Weir - 1
79.50	0.38	78.30	0.00	Weir - 1
79.60	0.50	78.30	0.00	Weir - 1
79.70	0.62	78.30	0.00	Weir - 1
79.80	0.76	78.30	0.00	Weir - 1
79.90	0.91	78.30	0.00	Weir - 1
80.00	1.07	78.30	0.00	Weir - 1
80.10	1.23	78.30	0.00	Weir - 1
80.20	1.40	78.30	0.00	Weir - 1
80.30	1.58	78.30	0.00	Weir - 1
80.40	1.77	78.30	0.00	Weir - 1
80.50	1.96	78.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.40	0.00	Weir - 1
78.10	0.00	78.40	0.00	Weir - 1
78.20	0.00	78.40	0.00	Weir - 1
78.30	0.00	78.40	0.00	Weir - 1
78.40	0.00	78.40	0.00	None Contributing
78.50	0.00	78.40	0.00	None Contributing
78.60	0.00	78.40	0.00	None Contributing
78.70	0.00	78.40	0.00	None Contributing
78.80	0.00	78.40	0.00	None Contributing
78.90	0.00	78.40	0.00	None Contributing
79.00	0.00	78.40	0.00	Weir - 1
79.10	0.03	78.40	0.00	Weir - 1
79.20	0.10	78.40	0.00	Weir - 1
79.30	0.18	78.40	0.00	Weir - 1
79.40	0.27	78.40	0.00	Weir - 1
79.50	0.38	78.40	0.00	Weir - 1
79.60	0.50	78.40	0.00	Weir - 1
79.70	0.62	78.40	0.00	Weir - 1
79.80	0.76	78.40	0.00	Weir - 1
79.90	0.91	78.40	0.00	Weir - 1
80.00	1.07	78.40	0.00	Weir - 1
80.10	1.23	78.40	0.00	Weir - 1
80.20	1.40	78.40	0.00	Weir - 1
80.30	1.58	78.40	0.00	Weir - 1
80.40	1.77	78.40	0.00	Weir - 1
80.50	1.96	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.50	0.00	Weir - 1
78.10	0.00	78.50	0.00	Weir - 1
78.20	0.00	78.50	0.00	Weir - 1
78.30	0.00	78.50	0.00	Weir - 1
78.40	0.00	78.50	0.00	Weir - 1
78.50	0.00	78.50	0.00	None Contributing
78.60	0.00	78.50	0.00	None Contributing
78.70	0.00	78.50	0.00	None Contributing
78.80	0.00	78.50	0.00	None Contributing
78.90	0.00	78.50	0.00	None Contributing
79.00	0.00	78.50	0.00	Weir - 1
79.10	0.03	78.50	0.00	Weir - 1
79.20	0.10	78.50	0.00	Weir - 1
79.30	0.18	78.50	0.00	Weir - 1
79.40	0.27	78.50	0.00	Weir - 1
79.50	0.38	78.50	0.00	Weir - 1
79.60	0.50	78.50	0.00	Weir - 1
79.70	0.62	78.50	0.00	Weir - 1
79.80	0.76	78.50	0.00	Weir - 1
79.90	0.91	78.50	0.00	Weir - 1
80.00	1.07	78.50	0.00	Weir - 1
80.10	1.23	78.50	0.00	Weir - 1
80.20	1.40	78.50	0.00	Weir - 1
80.30	1.58	78.50	0.00	Weir - 1
80.40	1.77	78.50	0.00	Weir - 1
80.50	1.96	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.60	0.00	Weir - 1
78.10	0.00	78.60	0.00	Weir - 1
78.20	0.00	78.60	0.00	Weir - 1
78.30	0.00	78.60	0.00	Weir - 1
78.40	0.00	78.60	0.00	Weir - 1
78.50	0.00	78.60	0.00	Weir - 1
78.60	0.00	78.60	0.00	None Contributing
78.70	0.00	78.60	0.00	None Contributing
78.80	0.00	78.60	0.00	None Contributing
78.90	0.00	78.60	0.00	None Contributing
79.00	0.00	78.60	0.00	Weir - 1
79.10	0.03	78.60	0.00	Weir - 1
79.20	0.10	78.60	0.00	Weir - 1
79.30	0.18	78.60	0.00	Weir - 1
79.40	0.27	78.60	0.00	Weir - 1
79.50	0.38	78.60	0.00	Weir - 1
79.60	0.50	78.60	0.00	Weir - 1
79.70	0.62	78.60	0.00	Weir - 1
79.80	0.76	78.60	0.00	Weir - 1
79.90	0.91	78.60	0.00	Weir - 1
80.00	1.07	78.60	0.00	Weir - 1
80.10	1.23	78.60	0.00	Weir - 1
80.20	1.40	78.60	0.00	Weir - 1
80.30	1.58	78.60	0.00	Weir - 1
80.40	1.77	78.60	0.00	Weir - 1
80.50	1.96	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.70	0.00	Weir - 1
78.10	0.00	78.70	0.00	Weir - 1
78.20	0.00	78.70	0.00	Weir - 1
78.30	0.00	78.70	0.00	Weir - 1
78.40	0.00	78.70	0.00	Weir - 1
78.50	0.00	78.70	0.00	Weir - 1
78.60	0.00	78.70	0.00	Weir - 1
78.70	0.00	78.70	0.00	None Contributing
78.80	0.00	78.70	0.00	None Contributing
78.90	0.00	78.70	0.00	None Contributing
79.00	0.00	78.70	0.00	Weir - 1
79.10	0.03	78.70	0.00	Weir - 1
79.20	0.10	78.70	0.00	Weir - 1
79.30	0.18	78.70	0.00	Weir - 1
79.40	0.27	78.70	0.00	Weir - 1
79.50	0.38	78.70	0.00	Weir - 1
79.60	0.50	78.70	0.00	Weir - 1
79.70	0.62	78.70	0.00	Weir - 1
79.80	0.76	78.70	0.00	Weir - 1
79.90	0.91	78.70	0.00	Weir - 1
80.00	1.07	78.70	0.00	Weir - 1
80.10	1.23	78.70	0.00	Weir - 1
80.20	1.40	78.70	0.00	Weir - 1
80.30	1.58	78.70	0.00	Weir - 1
80.40	1.77	78.70	0.00	Weir - 1
80.50	1.96	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.80	0.00	Weir - 1
78.10	0.00	78.80	0.00	Weir - 1
78.20	0.00	78.80	0.00	Weir - 1
78.30	0.00	78.80	0.00	Weir - 1
78.40	0.00	78.80	0.00	Weir - 1
78.50	0.00	78.80	0.00	Weir - 1
78.60	0.00	78.80	0.00	Weir - 1
78.70	0.00	78.80	0.00	Weir - 1
78.80	0.00	78.80	0.00	None Contributing
78.90	0.00	78.80	0.00	None Contributing
79.00	0.00	78.80	0.00	Weir - 1
79.10	0.03	78.80	0.00	Weir - 1
79.20	0.10	78.80	0.00	Weir - 1
79.30	0.18	78.80	0.00	Weir - 1
79.40	0.27	78.80	0.00	Weir - 1
79.50	0.38	78.80	0.00	Weir - 1
79.60	0.50	78.80	0.00	Weir - 1
79.70	0.62	78.80	0.00	Weir - 1
79.80	0.76	78.80	0.00	Weir - 1
79.90	0.91	78.80	0.00	Weir - 1
80.00	1.07	78.80	0.00	Weir - 1
80.10	1.23	78.80	0.00	Weir - 1
80.20	1.40	78.80	0.00	Weir - 1
80.30	1.58	78.80	0.00	Weir - 1
80.40	1.77	78.80	0.00	Weir - 1
80.50	1.96	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.90	0.00	Weir - 1
78.10	0.00	78.90	0.00	Weir - 1
78.20	0.00	78.90	0.00	Weir - 1
78.30	0.00	78.90	0.00	Weir - 1
78.40	0.00	78.90	0.00	Weir - 1
78.50	0.00	78.90	0.00	Weir - 1
78.60	0.00	78.90	0.00	Weir - 1
78.70	0.00	78.90	0.00	Weir - 1
78.80	0.00	78.90	0.00	Weir - 1
78.90	0.00	78.90	0.00	None Contributing
79.00	0.00	78.90	0.00	Weir - 1
79.10	0.03	78.90	0.00	Weir - 1
79.20	0.10	78.90	0.00	Weir - 1
79.30	0.18	78.90	0.00	Weir - 1
79.40	0.27	78.90	0.00	Weir - 1
79.50	0.38	78.90	0.00	Weir - 1
79.60	0.50	78.90	0.00	Weir - 1
79.70	0.62	78.90	0.00	Weir - 1
79.80	0.76	78.90	0.00	Weir - 1
79.90	0.91	78.90	0.00	Weir - 1
80.00	1.07	78.90	0.00	Weir - 1
80.10	1.23	78.90	0.00	Weir - 1
80.20	1.40	78.90	0.00	Weir - 1
80.30	1.58	78.90	0.00	Weir - 1
80.40	1.77	78.90	0.00	Weir - 1
80.50	1.96	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.00	0.00	Weir - 1
78.10	0.00	79.00	0.00	Weir - 1
78.20	0.00	79.00	0.00	Weir - 1
78.30	0.00	79.00	0.00	Weir - 1
78.40	0.00	79.00	0.00	Weir - 1
78.50	0.00	79.00	0.00	Weir - 1
78.60	0.00	79.00	0.00	Weir - 1
78.70	0.00	79.00	0.00	Weir - 1
78.80	0.00	79.00	0.00	Weir - 1
78.90	0.00	79.00	0.00	Weir - 1
79.00	0.00	79.00	0.00	Weir - 1
79.10	0.03	79.00	0.00	Weir - 1
79.20	0.10	79.00	0.00	Weir - 1
79.30	0.18	79.00	0.00	Weir - 1
79.40	0.27	79.00	0.00	Weir - 1
79.50	0.38	79.00	0.00	Weir - 1
79.60	0.50	79.00	0.00	Weir - 1
79.70	0.62	79.00	0.00	Weir - 1
79.80	0.76	79.00	0.00	Weir - 1
79.90	0.91	79.00	0.00	Weir - 1
80.00	1.07	79.00	0.00	Weir - 1
80.10	1.23	79.00	0.00	Weir - 1
80.20	1.40	79.00	0.00	Weir - 1
80.30	1.58	79.00	0.00	Weir - 1
80.40	1.77	79.00	0.00	Weir - 1
80.50	1.96	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.10	0.00	Weir - 1
78.10	0.00	79.10	0.00	Weir - 1
78.20	0.00	79.10	0.00	Weir - 1
78.30	0.00	79.10	0.00	Weir - 1
78.40	0.00	79.10	0.00	Weir - 1
78.50	0.00	79.10	0.00	Weir - 1
78.60	0.00	79.10	0.00	Weir - 1
78.70	0.00	79.10	0.00	Weir - 1
78.80	0.00	79.10	0.00	Weir - 1
78.90	0.00	79.10	0.00	Weir - 1
79.00	0.00	79.10	0.00	Weir - 1
79.10	0.00	79.10	0.00	Weir - 1
79.20	0.08	79.10	0.00	Weir - 1
79.30	0.16	79.10	0.00	Weir - 1
79.40	0.26	79.10	0.00	Weir - 1
79.50	0.36	79.10	0.00	Weir - 1
79.60	0.48	79.10	0.00	Weir - 1
79.70	0.61	79.10	0.00	Weir - 1
79.80	0.75	79.10	0.00	Weir - 1
79.90	0.90	79.10	0.00	Weir - 1
80.00	1.05	79.10	0.00	Weir - 1
80.10	1.22	79.10	0.00	Weir - 1
80.20	1.39	79.10	0.00	Weir - 1
80.30	1.57	79.10	0.00	Weir - 1
80.40	1.75	79.10	0.00	Weir - 1
80.50	1.95	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.20	0.00	Weir - 1
78.10	0.00	79.20	0.00	Weir - 1
78.20	0.00	79.20	0.00	Weir - 1
78.30	0.00	79.20	0.00	Weir - 1
78.40	0.00	79.20	0.00	Weir - 1
78.50	0.00	79.20	0.00	Weir - 1
78.60	0.00	79.20	0.00	Weir - 1
78.70	0.00	79.20	0.00	Weir - 1
78.80	0.00	79.20	0.00	Weir - 1
78.90	0.00	79.20	0.00	Weir - 1
79.00	0.00	79.20	0.00	Weir - 1
79.10	0.00	79.20	0.00	Weir - 1
79.20	0.00	79.20	0.00	Weir - 1
79.30	0.13	79.20	0.00	Weir - 1
79.40	0.23	79.20	0.00	Weir - 1
79.50	0.34	79.20	0.00	Weir - 1
79.60	0.46	79.20	0.00	Weir - 1
79.70	0.59	79.20	0.00	Weir - 1
79.80	0.72	79.20	0.00	Weir - 1
79.90	0.87	79.20	0.00	Weir - 1
80.00	1.03	79.20	0.00	Weir - 1
80.10	1.19	79.20	0.00	Weir - 1
80.20	1.36	79.20	0.00	Weir - 1
80.30	1.54	79.20	0.00	Weir - 1
80.40	1.73	79.20	0.00	Weir - 1
80.50	1.92	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.30	0.00	Weir - 1
78.10	0.00	79.30	0.00	Weir - 1
78.20	0.00	79.30	0.00	Weir - 1
78.30	0.00	79.30	0.00	Weir - 1
78.40	0.00	79.30	0.00	Weir - 1
78.50	0.00	79.30	0.00	Weir - 1
78.60	0.00	79.30	0.00	Weir - 1
78.70	0.00	79.30	0.00	Weir - 1
78.80	0.00	79.30	0.00	Weir - 1
78.90	0.00	79.30	0.00	Weir - 1
79.00	0.00	79.30	0.00	Weir - 1
79.10	0.00	79.30	0.00	Weir - 1
79.20	0.00	79.30	0.00	Weir - 1
79.30	0.00	79.30	0.00	Weir - 1
79.40	0.18	79.30	0.00	Weir - 1
79.50	0.30	79.30	0.00	Weir - 1
79.60	0.42	79.30	0.00	Weir - 1
79.70	0.55	79.30	0.00	Weir - 1
79.80	0.69	79.30	0.00	Weir - 1
79.90	0.84	79.30	0.00	Weir - 1
80.00	1.00	79.30	0.00	Weir - 1
80.10	1.16	79.30	0.00	Weir - 1
80.20	1.33	79.30	0.00	Weir - 1
80.30	1.51	79.30	0.00	Weir - 1
80.40	1.70	79.30	0.00	Weir - 1
80.50	1.89	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.40	0.00	Weir - 1
78.10	0.00	79.40	0.00	Weir - 1
78.20	0.00	79.40	0.00	Weir - 1
78.30	0.00	79.40	0.00	Weir - 1
78.40	0.00	79.40	0.00	Weir - 1
78.50	0.00	79.40	0.00	Weir - 1
78.60	0.00	79.40	0.00	Weir - 1
78.70	0.00	79.40	0.00	Weir - 1
78.80	0.00	79.40	0.00	Weir - 1
78.90	0.00	79.40	0.00	Weir - 1
79.00	0.00	79.40	0.00	Weir - 1
79.10	0.00	79.40	0.00	Weir - 1
79.20	0.00	79.40	0.00	Weir - 1
79.30	0.00	79.40	0.00	Weir - 1
79.40	0.00	79.40	0.00	Weir - 1
79.50	0.23	79.40	0.00	Weir - 1
79.60	0.37	79.40	0.00	Weir - 1
79.70	0.50	79.40	0.00	Weir - 1
79.80	0.65	79.40	0.00	Weir - 1
79.90	0.80	79.40	0.00	Weir - 1
80.00	0.95	79.40	0.00	Weir - 1
80.10	1.12	79.40	0.00	Weir - 1
80.20	1.29	79.40	0.00	Weir - 1
80.30	1.47	79.40	0.00	Weir - 1
80.40	1.66	79.40	0.00	Weir - 1
80.50	1.85	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.50	0.00	Weir - 1
78.10	0.00	79.50	0.00	Weir - 1
78.20	0.00	79.50	0.00	Weir - 1
78.30	0.00	79.50	0.00	Weir - 1
78.40	0.00	79.50	0.00	Weir - 1
78.50	0.00	79.50	0.00	Weir - 1
78.60	0.00	79.50	0.00	Weir - 1
78.70	0.00	79.50	0.00	Weir - 1
78.80	0.00	79.50	0.00	Weir - 1
78.90	0.00	79.50	0.00	Weir - 1
79.00	0.00	79.50	0.00	Weir - 1
79.10	0.00	79.50	0.00	Weir - 1
79.20	0.00	79.50	0.00	Weir - 1
79.30	0.00	79.50	0.00	Weir - 1
79.40	0.00	79.50	0.00	Weir - 1
79.50	0.00	79.50	0.00	Weir - 1
79.60	0.29	79.50	0.00	Weir - 1
79.70	0.44	79.50	0.00	Weir - 1
79.80	0.59	79.50	0.00	Weir - 1
79.90	0.74	79.50	0.00	Weir - 1
80.00	0.90	79.50	0.00	Weir - 1
80.10	1.07	79.50	0.00	Weir - 1
80.20	1.24	79.50	0.00	Weir - 1
80.30	1.42	79.50	0.00	Weir - 1
80.40	1.61	79.50	0.00	Weir - 1
80.50	1.80	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.60	0.00	Weir - 1
78.10	0.00	79.60	0.00	Weir - 1
78.20	0.00	79.60	0.00	Weir - 1
78.30	0.00	79.60	0.00	Weir - 1
78.40	0.00	79.60	0.00	Weir - 1
78.50	0.00	79.60	0.00	Weir - 1
78.60	0.00	79.60	0.00	Weir - 1
78.70	0.00	79.60	0.00	Weir - 1
78.80	0.00	79.60	0.00	Weir - 1
78.90	0.00	79.60	0.00	Weir - 1
79.00	0.00	79.60	0.00	Weir - 1
79.10	0.00	79.60	0.00	Weir - 1
79.20	0.00	79.60	0.00	Weir - 1
79.30	0.00	79.60	0.00	Weir - 1
79.40	0.00	79.60	0.00	Weir - 1
79.50	0.00	79.60	0.00	Weir - 1
79.60	0.00	79.60	0.00	Weir - 1
79.70	0.34	79.60	0.00	Weir - 1
79.80	0.51	79.60	0.00	Weir - 1
79.90	0.67	79.60	0.00	Weir - 1
80.00	0.84	79.60	0.00	Weir - 1
80.10	1.01	79.60	0.00	Weir - 1
80.20	1.19	79.60	0.00	Weir - 1
80.30	1.37	79.60	0.00	Weir - 1
80.40	1.56	79.60	0.00	Weir - 1
80.50	1.75	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.70	0.00	Weir - 1
78.10	0.00	79.70	0.00	Weir - 1
78.20	0.00	79.70	0.00	Weir - 1
78.30	0.00	79.70	0.00	Weir - 1
78.40	0.00	79.70	0.00	Weir - 1
78.50	0.00	79.70	0.00	Weir - 1
78.60	0.00	79.70	0.00	Weir - 1
78.70	0.00	79.70	0.00	Weir - 1
78.80	0.00	79.70	0.00	Weir - 1
78.90	0.00	79.70	0.00	Weir - 1
79.00	0.00	79.70	0.00	Weir - 1
79.10	0.00	79.70	0.00	Weir - 1
79.20	0.00	79.70	0.00	Weir - 1
79.30	0.00	79.70	0.00	Weir - 1
79.40	0.00	79.70	0.00	Weir - 1
79.50	0.00	79.70	0.00	Weir - 1
79.60	0.00	79.70	0.00	Weir - 1
79.70	0.00	79.70	0.00	Weir - 1
79.80	0.40	79.70	0.00	Weir - 1
79.90	0.58	79.70	0.00	Weir - 1
80.00	0.76	79.70	0.00	Weir - 1
80.10	0.94	79.70	0.00	Weir - 1
80.20	1.12	79.70	0.00	Weir - 1
80.30	1.30	79.70	0.00	Weir - 1
80.40	1.49	79.70	0.00	Weir - 1
80.50	1.69	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.80	0.00	Weir - 1
78.10	0.00	79.80	0.00	Weir - 1
78.20	0.00	79.80	0.00	Weir - 1
78.30	0.00	79.80	0.00	Weir - 1
78.40	0.00	79.80	0.00	Weir - 1
78.50	0.00	79.80	0.00	Weir - 1
78.60	0.00	79.80	0.00	Weir - 1
78.70	0.00	79.80	0.00	Weir - 1
78.80	0.00	79.80	0.00	Weir - 1
78.90	0.00	79.80	0.00	Weir - 1
79.00	0.00	79.80	0.00	Weir - 1
79.10	0.00	79.80	0.00	Weir - 1
79.20	0.00	79.80	0.00	Weir - 1
79.30	0.00	79.80	0.00	Weir - 1
79.40	0.00	79.80	0.00	Weir - 1
79.50	0.00	79.80	0.00	Weir - 1
79.60	0.00	79.80	0.00	Weir - 1
79.70	0.00	79.80	0.00	Weir - 1
79.80	0.00	79.80	0.00	Weir - 1
79.90	0.45	79.80	0.00	Weir - 1
80.00	0.66	79.80	0.00	Weir - 1
80.10	0.85	79.80	0.00	Weir - 1
80.20	1.04	79.80	0.00	Weir - 1
80.30	1.23	79.80	0.00	Weir - 1
80.40	1.42	79.80	0.00	Weir - 1
80.50	1.62	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.90	0.00	Weir - 1
78.10	0.00	79.90	0.00	Weir - 1
78.20	0.00	79.90	0.00	Weir - 1
78.30	0.00	79.90	0.00	Weir - 1
78.40	0.00	79.90	0.00	Weir - 1
78.50	0.00	79.90	0.00	Weir - 1
78.60	0.00	79.90	0.00	Weir - 1
78.70	0.00	79.90	0.00	Weir - 1
78.80	0.00	79.90	0.00	Weir - 1
78.90	0.00	79.90	0.00	Weir - 1
79.00	0.00	79.90	0.00	Weir - 1
79.10	0.00	79.90	0.00	Weir - 1
79.20	0.00	79.90	0.00	Weir - 1
79.30	0.00	79.90	0.00	Weir - 1
79.40	0.00	79.90	0.00	Weir - 1
79.50	0.00	79.90	0.00	Weir - 1
79.60	0.00	79.90	0.00	Weir - 1
79.70	0.00	79.90	0.00	Weir - 1
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	Weir - 1
80.00	0.51	79.90	0.00	Weir - 1
80.10	0.73	79.90	0.00	Weir - 1
80.20	0.94	79.90	0.00	Weir - 1
80.30	1.14	79.90	0.00	Weir - 1
80.40	1.34	79.90	0.00	Weir - 1
80.50	1.54	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.00	0.00	Weir - 1
78.10	0.00	80.00	0.00	Weir - 1
78.20	0.00	80.00	0.00	Weir - 1
78.30	0.00	80.00	0.00	Weir - 1
78.40	0.00	80.00	0.00	Weir - 1
78.50	0.00	80.00	0.00	Weir - 1
78.60	0.00	80.00	0.00	Weir - 1
78.70	0.00	80.00	0.00	Weir - 1
78.80	0.00	80.00	0.00	Weir - 1
78.90	0.00	80.00	0.00	Weir - 1
79.00	0.00	80.00	0.00	Weir - 1
79.10	0.00	80.00	0.00	Weir - 1
79.20	0.00	80.00	0.00	Weir - 1
79.30	0.00	80.00	0.00	Weir - 1
79.40	0.00	80.00	0.00	Weir - 1
79.50	0.00	80.00	0.00	Weir - 1
79.60	0.00	80.00	0.00	Weir - 1
79.70	0.00	80.00	0.00	Weir - 1
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	Weir - 1
80.10	0.57	80.00	0.00	Weir - 1
80.20	0.81	80.00	0.00	Weir - 1
80.30	1.03	80.00	0.00	Weir - 1
80.40	1.24	80.00	0.00	Weir - 1
80.50	1.45	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.10	0.00	Weir - 1
78.10	0.00	80.10	0.00	Weir - 1
78.20	0.00	80.10	0.00	Weir - 1
78.30	0.00	80.10	0.00	Weir - 1
78.40	0.00	80.10	0.00	Weir - 1
78.50	0.00	80.10	0.00	Weir - 1
78.60	0.00	80.10	0.00	Weir - 1
78.70	0.00	80.10	0.00	Weir - 1
78.80	0.00	80.10	0.00	Weir - 1
78.90	0.00	80.10	0.00	Weir - 1
79.00	0.00	80.10	0.00	Weir - 1
79.10	0.00	80.10	0.00	Weir - 1
79.20	0.00	80.10	0.00	Weir - 1
79.30	0.00	80.10	0.00	Weir - 1
79.40	0.00	80.10	0.00	Weir - 1
79.50	0.00	80.10	0.00	Weir - 1
79.60	0.00	80.10	0.00	Weir - 1
79.70	0.00	80.10	0.00	Weir - 1
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	Weir - 1
80.20	0.62	80.10	0.00	Weir - 1
80.30	0.89	80.10	0.00	Weir - 1
80.40	1.12	80.10	0.00	Weir - 1
80.50	1.34	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.20	0.00	Weir - 1
78.10	0.00	80.20	0.00	Weir - 1
78.20	0.00	80.20	0.00	Weir - 1
78.30	0.00	80.20	0.00	Weir - 1
78.40	0.00	80.20	0.00	Weir - 1
78.50	0.00	80.20	0.00	Weir - 1
78.60	0.00	80.20	0.00	Weir - 1
78.70	0.00	80.20	0.00	Weir - 1
78.80	0.00	80.20	0.00	Weir - 1
78.90	0.00	80.20	0.00	Weir - 1
79.00	0.00	80.20	0.00	Weir - 1
79.10	0.00	80.20	0.00	Weir - 1
79.20	0.00	80.20	0.00	Weir - 1
79.30	0.00	80.20	0.00	Weir - 1
79.40	0.00	80.20	0.00	Weir - 1
79.50	0.00	80.20	0.00	Weir - 1
79.60	0.00	80.20	0.00	Weir - 1
79.70	0.00	80.20	0.00	Weir - 1
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	Weir - 1
80.30	0.68	80.20	0.00	Weir - 1
80.40	0.96	80.20	0.00	Weir - 1
80.50	1.21	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.30	0.00	Weir - 1
78.10	0.00	80.30	0.00	Weir - 1
78.20	0.00	80.30	0.00	Weir - 1
78.30	0.00	80.30	0.00	Weir - 1
78.40	0.00	80.30	0.00	Weir - 1
78.50	0.00	80.30	0.00	Weir - 1
78.60	0.00	80.30	0.00	Weir - 1
78.70	0.00	80.30	0.00	Weir - 1
78.80	0.00	80.30	0.00	Weir - 1
78.90	0.00	80.30	0.00	Weir - 1
79.00	0.00	80.30	0.00	Weir - 1
79.10	0.00	80.30	0.00	Weir - 1
79.20	0.00	80.30	0.00	Weir - 1
79.30	0.00	80.30	0.00	Weir - 1
79.40	0.00	80.30	0.00	Weir - 1
79.50	0.00	80.30	0.00	Weir - 1
79.60	0.00	80.30	0.00	Weir - 1
79.70	0.00	80.30	0.00	Weir - 1
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	Weir - 1
80.40	0.74	80.30	0.00	Weir - 1
80.50	1.04	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.40	0.00	Weir - 1
78.10	0.00	80.40	0.00	Weir - 1
78.20	0.00	80.40	0.00	Weir - 1
78.30	0.00	80.40	0.00	Weir - 1
78.40	0.00	80.40	0.00	Weir - 1
78.50	0.00	80.40	0.00	Weir - 1
78.60	0.00	80.40	0.00	Weir - 1
78.70	0.00	80.40	0.00	Weir - 1
78.80	0.00	80.40	0.00	Weir - 1
78.90	0.00	80.40	0.00	Weir - 1
79.00	0.00	80.40	0.00	Weir - 1
79.10	0.00	80.40	0.00	Weir - 1
79.20	0.00	80.40	0.00	Weir - 1
79.30	0.00	80.40	0.00	Weir - 1
79.40	0.00	80.40	0.00	Weir - 1
79.50	0.00	80.40	0.00	Weir - 1
79.60	0.00	80.40	0.00	Weir - 1
79.70	0.00	80.40	0.00	Weir - 1
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	Weir - 1
80.50	0.80	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.50	0.00	Weir - 1
78.10	0.00	80.50	0.00	Weir - 1
78.20	0.00	80.50	0.00	Weir - 1
78.30	0.00	80.50	0.00	Weir - 1
78.40	0.00	80.50	0.00	Weir - 1
78.50	0.00	80.50	0.00	Weir - 1
78.60	0.00	80.50	0.00	Weir - 1
78.70	0.00	80.50	0.00	Weir - 1
78.80	0.00	80.50	0.00	Weir - 1
78.90	0.00	80.50	0.00	Weir - 1
79.00	0.00	80.50	0.00	Weir - 1
79.10	0.00	80.50	0.00	Weir - 1
79.20	0.00	80.50	0.00	Weir - 1
79.30	0.00	80.50	0.00	Weir - 1
79.40	0.00	80.50	0.00	Weir - 1
79.50	0.00	80.50	0.00	Weir - 1
79.60	0.00	80.50	0.00	Weir - 1
79.70	0.00	80.50	0.00	Weir - 1
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.00	0.00	None Contributing
83.60	0.00	77.00	0.00	None Contributing
83.70	0.00	77.00	0.00	None Contributing
83.80	0.00	77.00	0.00	None Contributing
83.90	0.00	77.00	0.00	None Contributing
84.00	0.00	77.00	0.00	Weir - 1
84.10	0.10	77.00	0.00	Weir - 1
84.20	0.29	77.00	0.00	Weir - 1
84.30	0.53	77.00	0.00	Weir - 1
84.40	0.81	77.00	0.00	Weir - 1
84.50	1.13	77.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.10	0.00	None Contributing
83.60	0.00	77.10	0.00	None Contributing
83.70	0.00	77.10	0.00	None Contributing
83.80	0.00	77.10	0.00	None Contributing
83.90	0.00	77.10	0.00	None Contributing
84.00	0.00	77.10	0.00	Weir - 1
84.10	0.10	77.10	0.00	Weir - 1
84.20	0.29	77.10	0.00	Weir - 1
84.30	0.53	77.10	0.00	Weir - 1
84.40	0.81	77.10	0.00	Weir - 1
84.50	1.13	77.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.20	0.00	None Contributing
83.60	0.00	77.20	0.00	None Contributing
83.70	0.00	77.20	0.00	None Contributing
83.80	0.00	77.20	0.00	None Contributing
83.90	0.00	77.20	0.00	None Contributing
84.00	0.00	77.20	0.00	Weir - 1
84.10	0.10	77.20	0.00	Weir - 1
84.20	0.29	77.20	0.00	Weir - 1
84.30	0.53	77.20	0.00	Weir - 1
84.40	0.81	77.20	0.00	Weir - 1
84.50	1.13	77.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.30	0.00	None Contributing
83.60	0.00	77.30	0.00	None Contributing
83.70	0.00	77.30	0.00	None Contributing
83.80	0.00	77.30	0.00	None Contributing
83.90	0.00	77.30	0.00	None Contributing
84.00	0.00	77.30	0.00	Weir - 1
84.10	0.10	77.30	0.00	Weir - 1
84.20	0.29	77.30	0.00	Weir - 1
84.30	0.53	77.30	0.00	Weir - 1
84.40	0.81	77.30	0.00	Weir - 1
84.50	1.13	77.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.40	0.00	None Contributing
83.60	0.00	77.40	0.00	None Contributing
83.70	0.00	77.40	0.00	None Contributing
83.80	0.00	77.40	0.00	None Contributing
83.90	0.00	77.40	0.00	None Contributing
84.00	0.00	77.40	0.00	Weir - 1
84.10	0.10	77.40	0.00	Weir - 1
84.20	0.29	77.40	0.00	Weir - 1
84.30	0.53	77.40	0.00	Weir - 1
84.40	0.81	77.40	0.00	Weir - 1
84.50	1.13	77.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.50	0.00	None Contributing
83.60	0.00	77.50	0.00	None Contributing
83.70	0.00	77.50	0.00	None Contributing
83.80	0.00	77.50	0.00	None Contributing
83.90	0.00	77.50	0.00	None Contributing
84.00	0.00	77.50	0.00	Weir - 1
84.10	0.10	77.50	0.00	Weir - 1
84.20	0.29	77.50	0.00	Weir - 1
84.30	0.53	77.50	0.00	Weir - 1
84.40	0.81	77.50	0.00	Weir - 1
84.50	1.13	77.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.60	0.00	None Contributing
83.60	0.00	77.60	0.00	None Contributing
83.70	0.00	77.60	0.00	None Contributing
83.80	0.00	77.60	0.00	None Contributing
83.90	0.00	77.60	0.00	None Contributing
84.00	0.00	77.60	0.00	Weir - 1
84.10	0.10	77.60	0.00	Weir - 1
84.20	0.29	77.60	0.00	Weir - 1
84.30	0.53	77.60	0.00	Weir - 1
84.40	0.81	77.60	0.00	Weir - 1
84.50	1.13	77.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.70	0.00	None Contributing
83.60	0.00	77.70	0.00	None Contributing
83.70	0.00	77.70	0.00	None Contributing
83.80	0.00	77.70	0.00	None Contributing
83.90	0.00	77.70	0.00	None Contributing
84.00	0.00	77.70	0.00	Weir - 1
84.10	0.10	77.70	0.00	Weir - 1
84.20	0.29	77.70	0.00	Weir - 1
84.30	0.53	77.70	0.00	Weir - 1
84.40	0.81	77.70	0.00	Weir - 1
84.50	1.13	77.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.80	0.00	None Contributing
83.60	0.00	77.80	0.00	None Contributing
83.70	0.00	77.80	0.00	None Contributing
83.80	0.00	77.80	0.00	None Contributing
83.90	0.00	77.80	0.00	None Contributing
84.00	0.00	77.80	0.00	Weir - 1
84.10	0.10	77.80	0.00	Weir - 1
84.20	0.29	77.80	0.00	Weir - 1
84.30	0.53	77.80	0.00	Weir - 1
84.40	0.81	77.80	0.00	Weir - 1
84.50	1.13	77.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.90	0.00	None Contributing
83.60	0.00	77.90	0.00	None Contributing
83.70	0.00	77.90	0.00	None Contributing
83.80	0.00	77.90	0.00	None Contributing
83.90	0.00	77.90	0.00	None Contributing
84.00	0.00	77.90	0.00	Weir - 1
84.10	0.10	77.90	0.00	Weir - 1
84.20	0.29	77.90	0.00	Weir - 1
84.30	0.53	77.90	0.00	Weir - 1
84.40	0.81	77.90	0.00	Weir - 1
84.50	1.13	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.00	0.00	None Contributing
83.60	0.00	78.00	0.00	None Contributing
83.70	0.00	78.00	0.00	None Contributing
83.80	0.00	78.00	0.00	None Contributing
83.90	0.00	78.00	0.00	None Contributing
84.00	0.00	78.00	0.00	Weir - 1
84.10	0.10	78.00	0.00	Weir - 1
84.20	0.29	78.00	0.00	Weir - 1
84.30	0.53	78.00	0.00	Weir - 1
84.40	0.81	78.00	0.00	Weir - 1
84.50	1.13	78.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.10	0.00	None Contributing
83.60	0.00	78.10	0.00	None Contributing
83.70	0.00	78.10	0.00	None Contributing
83.80	0.00	78.10	0.00	None Contributing
83.90	0.00	78.10	0.00	None Contributing
84.00	0.00	78.10	0.00	Weir - 1
84.10	0.10	78.10	0.00	Weir - 1
84.20	0.29	78.10	0.00	Weir - 1
84.30	0.53	78.10	0.00	Weir - 1
84.40	0.81	78.10	0.00	Weir - 1
84.50	1.13	78.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.20	0.00	None Contributing
83.60	0.00	78.20	0.00	None Contributing
83.70	0.00	78.20	0.00	None Contributing
83.80	0.00	78.20	0.00	None Contributing
83.90	0.00	78.20	0.00	None Contributing
84.00	0.00	78.20	0.00	Weir - 1
84.10	0.10	78.20	0.00	Weir - 1
84.20	0.29	78.20	0.00	Weir - 1
84.30	0.53	78.20	0.00	Weir - 1
84.40	0.81	78.20	0.00	Weir - 1
84.50	1.13	78.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.30	0.00	None Contributing
83.60	0.00	78.30	0.00	None Contributing
83.70	0.00	78.30	0.00	None Contributing
83.80	0.00	78.30	0.00	None Contributing
83.90	0.00	78.30	0.00	None Contributing
84.00	0.00	78.30	0.00	Weir - 1
84.10	0.10	78.30	0.00	Weir - 1
84.20	0.29	78.30	0.00	Weir - 1
84.30	0.53	78.30	0.00	Weir - 1
84.40	0.81	78.30	0.00	Weir - 1
84.50	1.13	78.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.40	0.00	None Contributing
83.60	0.00	78.40	0.00	None Contributing
83.70	0.00	78.40	0.00	None Contributing
83.80	0.00	78.40	0.00	None Contributing
83.90	0.00	78.40	0.00	None Contributing
84.00	0.00	78.40	0.00	Weir - 1
84.10	0.10	78.40	0.00	Weir - 1
84.20	0.29	78.40	0.00	Weir - 1
84.30	0.53	78.40	0.00	Weir - 1
84.40	0.81	78.40	0.00	Weir - 1
84.50	1.13	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.50	0.00	None Contributing
83.60	0.00	78.50	0.00	None Contributing
83.70	0.00	78.50	0.00	None Contributing
83.80	0.00	78.50	0.00	None Contributing
83.90	0.00	78.50	0.00	None Contributing
84.00	0.00	78.50	0.00	Weir - 1
84.10	0.10	78.50	0.00	Weir - 1
84.20	0.29	78.50	0.00	Weir - 1
84.30	0.53	78.50	0.00	Weir - 1
84.40	0.81	78.50	0.00	Weir - 1
84.50	1.13	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.60	0.00	None Contributing
83.60	0.00	78.60	0.00	None Contributing
83.70	0.00	78.60	0.00	None Contributing
83.80	0.00	78.60	0.00	None Contributing
83.90	0.00	78.60	0.00	None Contributing
84.00	0.00	78.60	0.00	Weir - 1
84.10	0.10	78.60	0.00	Weir - 1
84.20	0.29	78.60	0.00	Weir - 1
84.30	0.53	78.60	0.00	Weir - 1
84.40	0.81	78.60	0.00	Weir - 1
84.50	1.13	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.70	0.00	None Contributing
83.60	0.00	78.70	0.00	None Contributing
83.70	0.00	78.70	0.00	None Contributing
83.80	0.00	78.70	0.00	None Contributing
83.90	0.00	78.70	0.00	None Contributing
84.00	0.00	78.70	0.00	Weir - 1
84.10	0.10	78.70	0.00	Weir - 1
84.20	0.29	78.70	0.00	Weir - 1
84.30	0.53	78.70	0.00	Weir - 1
84.40	0.81	78.70	0.00	Weir - 1
84.50	1.13	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.80	0.00	None Contributing
83.60	0.00	78.80	0.00	None Contributing
83.70	0.00	78.80	0.00	None Contributing
83.80	0.00	78.80	0.00	None Contributing
83.90	0.00	78.80	0.00	None Contributing
84.00	0.00	78.80	0.00	Weir - 1
84.10	0.10	78.80	0.00	Weir - 1
84.20	0.29	78.80	0.00	Weir - 1
84.30	0.53	78.80	0.00	Weir - 1
84.40	0.81	78.80	0.00	Weir - 1
84.50	1.13	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.90	0.00	None Contributing
83.60	0.00	78.90	0.00	None Contributing
83.70	0.00	78.90	0.00	None Contributing
83.80	0.00	78.90	0.00	None Contributing
83.90	0.00	78.90	0.00	None Contributing
84.00	0.00	78.90	0.00	Weir - 1
84.10	0.10	78.90	0.00	Weir - 1
84.20	0.29	78.90	0.00	Weir - 1
84.30	0.53	78.90	0.00	Weir - 1
84.40	0.81	78.90	0.00	Weir - 1
84.50	1.13	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.00	0.00	None Contributing
83.60	0.00	79.00	0.00	None Contributing
83.70	0.00	79.00	0.00	None Contributing
83.80	0.00	79.00	0.00	None Contributing
83.90	0.00	79.00	0.00	None Contributing
84.00	0.00	79.00	0.00	Weir - 1
84.10	0.10	79.00	0.00	Weir - 1
84.20	0.29	79.00	0.00	Weir - 1
84.30	0.53	79.00	0.00	Weir - 1
84.40	0.81	79.00	0.00	Weir - 1
84.50	1.13	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.10	0.00	None Contributing
83.60	0.00	79.10	0.00	None Contributing
83.70	0.00	79.10	0.00	None Contributing
83.80	0.00	79.10	0.00	None Contributing
83.90	0.00	79.10	0.00	None Contributing
84.00	0.00	79.10	0.00	Weir - 1
84.10	0.10	79.10	0.00	Weir - 1
84.20	0.29	79.10	0.00	Weir - 1
84.30	0.53	79.10	0.00	Weir - 1
84.40	0.81	79.10	0.00	Weir - 1
84.50	1.13	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.20	0.00	None Contributing
83.60	0.00	79.20	0.00	None Contributing
83.70	0.00	79.20	0.00	None Contributing
83.80	0.00	79.20	0.00	None Contributing
83.90	0.00	79.20	0.00	None Contributing
84.00	0.00	79.20	0.00	Weir - 1
84.10	0.10	79.20	0.00	Weir - 1
84.20	0.29	79.20	0.00	Weir - 1
84.30	0.53	79.20	0.00	Weir - 1
84.40	0.81	79.20	0.00	Weir - 1
84.50	1.13	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.30	0.00	None Contributing
83.60	0.00	79.30	0.00	None Contributing
83.70	0.00	79.30	0.00	None Contributing
83.80	0.00	79.30	0.00	None Contributing
83.90	0.00	79.30	0.00	None Contributing
84.00	0.00	79.30	0.00	Weir - 1
84.10	0.10	79.30	0.00	Weir - 1
84.20	0.29	79.30	0.00	Weir - 1
84.30	0.53	79.30	0.00	Weir - 1
84.40	0.81	79.30	0.00	Weir - 1
84.50	1.13	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.40	0.00	None Contributing
83.60	0.00	79.40	0.00	None Contributing
83.70	0.00	79.40	0.00	None Contributing
83.80	0.00	79.40	0.00	None Contributing
83.90	0.00	79.40	0.00	None Contributing
84.00	0.00	79.40	0.00	Weir - 1
84.10	0.10	79.40	0.00	Weir - 1
84.20	0.29	79.40	0.00	Weir - 1
84.30	0.53	79.40	0.00	Weir - 1
84.40	0.81	79.40	0.00	Weir - 1
84.50	1.13	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.50	0.00	None Contributing
83.60	0.00	79.50	0.00	None Contributing
83.70	0.00	79.50	0.00	None Contributing
83.80	0.00	79.50	0.00	None Contributing
83.90	0.00	79.50	0.00	None Contributing
84.00	0.00	79.50	0.00	Weir - 1
84.10	0.10	79.50	0.00	Weir - 1
84.20	0.29	79.50	0.00	Weir - 1
84.30	0.53	79.50	0.00	Weir - 1
84.40	0.81	79.50	0.00	Weir - 1
84.50	1.13	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.60	0.00	None Contributing
83.60	0.00	79.60	0.00	None Contributing
83.70	0.00	79.60	0.00	None Contributing
83.80	0.00	79.60	0.00	None Contributing
83.90	0.00	79.60	0.00	None Contributing
84.00	0.00	79.60	0.00	Weir - 1
84.10	0.10	79.60	0.00	Weir - 1
84.20	0.29	79.60	0.00	Weir - 1
84.30	0.53	79.60	0.00	Weir - 1
84.40	0.81	79.60	0.00	Weir - 1
84.50	1.13	79.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.70	0.00	None Contributing
83.60	0.00	79.70	0.00	None Contributing
83.70	0.00	79.70	0.00	None Contributing
83.80	0.00	79.70	0.00	None Contributing
83.90	0.00	79.70	0.00	None Contributing
84.00	0.00	79.70	0.00	Weir - 1
84.10	0.10	79.70	0.00	Weir - 1
84.20	0.29	79.70	0.00	Weir - 1
84.30	0.53	79.70	0.00	Weir - 1
84.40	0.81	79.70	0.00	Weir - 1
84.50	1.13	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.80	0.00	None Contributing
83.60	0.00	79.80	0.00	None Contributing
83.70	0.00	79.80	0.00	None Contributing
83.80	0.00	79.80	0.00	None Contributing
83.90	0.00	79.80	0.00	None Contributing
84.00	0.00	79.80	0.00	Weir - 1
84.10	0.10	79.80	0.00	Weir - 1
84.20	0.29	79.80	0.00	Weir - 1
84.30	0.53	79.80	0.00	Weir - 1
84.40	0.81	79.80	0.00	Weir - 1
84.50	1.13	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.90	0.00	None Contributing
83.60	0.00	79.90	0.00	None Contributing
83.70	0.00	79.90	0.00	None Contributing
83.80	0.00	79.90	0.00	None Contributing
83.90	0.00	79.90	0.00	None Contributing
84.00	0.00	79.90	0.00	Weir - 1
84.10	0.10	79.90	0.00	Weir - 1
84.20	0.29	79.90	0.00	Weir - 1
84.30	0.53	79.90	0.00	Weir - 1
84.40	0.81	79.90	0.00	Weir - 1
84.50	1.13	79.90	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.00	0.00	None Contributing
83.60	0.00	80.00	0.00	None Contributing
83.70	0.00	80.00	0.00	None Contributing
83.80	0.00	80.00	0.00	None Contributing
83.90	0.00	80.00	0.00	None Contributing
84.00	0.00	80.00	0.00	Weir - 1
84.10	0.10	80.00	0.00	Weir - 1
84.20	0.29	80.00	0.00	Weir - 1
84.30	0.53	80.00	0.00	Weir - 1
84.40	0.81	80.00	0.00	Weir - 1
84.50	1.13	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.10	0.00	None Contributing
83.60	0.00	80.10	0.00	None Contributing
83.70	0.00	80.10	0.00	None Contributing
83.80	0.00	80.10	0.00	None Contributing
83.90	0.00	80.10	0.00	None Contributing
84.00	0.00	80.10	0.00	Weir - 1
84.10	0.10	80.10	0.00	Weir - 1
84.20	0.29	80.10	0.00	Weir - 1
84.30	0.53	80.10	0.00	Weir - 1
84.40	0.81	80.10	0.00	Weir - 1
84.50	1.13	80.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.20	0.00	None Contributing
83.60	0.00	80.20	0.00	None Contributing
83.70	0.00	80.20	0.00	None Contributing
83.80	0.00	80.20	0.00	None Contributing
83.90	0.00	80.20	0.00	None Contributing
84.00	0.00	80.20	0.00	Weir - 1
84.10	0.10	80.20	0.00	Weir - 1
84.20	0.29	80.20	0.00	Weir - 1
84.30	0.53	80.20	0.00	Weir - 1
84.40	0.81	80.20	0.00	Weir - 1
84.50	1.13	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.30	0.00	None Contributing
83.60	0.00	80.30	0.00	None Contributing
83.70	0.00	80.30	0.00	None Contributing
83.80	0.00	80.30	0.00	None Contributing
83.90	0.00	80.30	0.00	None Contributing
84.00	0.00	80.30	0.00	Weir - 1
84.10	0.10	80.30	0.00	Weir - 1
84.20	0.29	80.30	0.00	Weir - 1
84.30	0.53	80.30	0.00	Weir - 1
84.40	0.81	80.30	0.00	Weir - 1
84.50	1.13	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.40	0.00	None Contributing
83.60	0.00	80.40	0.00	None Contributing
83.70	0.00	80.40	0.00	None Contributing
83.80	0.00	80.40	0.00	None Contributing
83.90	0.00	80.40	0.00	None Contributing
84.00	0.00	80.40	0.00	Weir - 1
84.10	0.10	80.40	0.00	Weir - 1
84.20	0.29	80.40	0.00	Weir - 1
84.30	0.53	80.40	0.00	Weir - 1
84.40	0.81	80.40	0.00	Weir - 1
84.50	1.13	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.50	0.00	None Contributing
83.60	0.00	80.50	0.00	None Contributing
83.70	0.00	80.50	0.00	None Contributing
83.80	0.00	80.50	0.00	None Contributing
83.90	0.00	80.50	0.00	None Contributing
84.00	0.00	80.50	0.00	Weir - 1
84.10	0.10	80.50	0.00	Weir - 1
84.20	0.29	80.50	0.00	Weir - 1
84.30	0.53	80.50	0.00	Weir - 1
84.40	0.81	80.50	0.00	Weir - 1
84.50	1.13	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.00	0.00	None Contributing
84.70	0.00	77.00	0.00	None Contributing
84.80	0.00	77.00	0.00	None Contributing
84.90	0.00	77.00	0.00	None Contributing
85.00	0.00	77.00	0.00	None Contributing
85.10	0.00	77.00	0.00	None Contributing
85.20	0.00	77.00	0.00	None Contributing
85.30	0.00	77.00	0.00	None Contributing
85.40	0.00	77.00	0.00	None Contributing
85.50	0.00	77.00	0.00	None Contributing
85.60	0.00	77.00	0.00	Weir - 1
85.70	0.10	77.00	0.00	Weir - 1
85.80	0.29	77.00	0.00	Weir - 1
85.90	0.53	77.00	0.00	Weir - 1
86.00	0.81	77.00	0.00	Weir - 1
86.10	1.13	77.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.10	0.00	None Contributing
84.70	0.00	77.10	0.00	None Contributing
84.80	0.00	77.10	0.00	None Contributing
84.90	0.00	77.10	0.00	None Contributing
85.00	0.00	77.10	0.00	None Contributing
85.10	0.00	77.10	0.00	None Contributing
85.20	0.00	77.10	0.00	None Contributing
85.30	0.00	77.10	0.00	None Contributing
85.40	0.00	77.10	0.00	None Contributing
85.50	0.00	77.10	0.00	None Contributing
85.60	0.00	77.10	0.00	Weir - 1
85.70	0.10	77.10	0.00	Weir - 1
85.80	0.29	77.10	0.00	Weir - 1
85.90	0.53	77.10	0.00	Weir - 1
86.00	0.81	77.10	0.00	Weir - 1
86.10	1.13	77.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.20	0.00	None Contributing
84.70	0.00	77.20	0.00	None Contributing
84.80	0.00	77.20	0.00	None Contributing
84.90	0.00	77.20	0.00	None Contributing
85.00	0.00	77.20	0.00	None Contributing
85.10	0.00	77.20	0.00	None Contributing
85.20	0.00	77.20	0.00	None Contributing
85.30	0.00	77.20	0.00	None Contributing
85.40	0.00	77.20	0.00	None Contributing
85.50	0.00	77.20	0.00	None Contributing
85.60	0.00	77.20	0.00	Weir - 1
85.70	0.10	77.20	0.00	Weir - 1
85.80	0.29	77.20	0.00	Weir - 1
85.90	0.53	77.20	0.00	Weir - 1
86.00	0.81	77.20	0.00	Weir - 1
86.10	1.13	77.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.30	0.00	None Contributing
84.70	0.00	77.30	0.00	None Contributing
84.80	0.00	77.30	0.00	None Contributing
84.90	0.00	77.30	0.00	None Contributing
85.00	0.00	77.30	0.00	None Contributing
85.10	0.00	77.30	0.00	None Contributing
85.20	0.00	77.30	0.00	None Contributing
85.30	0.00	77.30	0.00	None Contributing
85.40	0.00	77.30	0.00	None Contributing
85.50	0.00	77.30	0.00	None Contributing
85.60	0.00	77.30	0.00	Weir - 1
85.70	0.10	77.30	0.00	Weir - 1
85.80	0.29	77.30	0.00	Weir - 1
85.90	0.53	77.30	0.00	Weir - 1
86.00	0.81	77.30	0.00	Weir - 1
86.10	1.13	77.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.40	0.00	None Contributing
84.70	0.00	77.40	0.00	None Contributing
84.80	0.00	77.40	0.00	None Contributing
84.90	0.00	77.40	0.00	None Contributing
85.00	0.00	77.40	0.00	None Contributing
85.10	0.00	77.40	0.00	None Contributing
85.20	0.00	77.40	0.00	None Contributing
85.30	0.00	77.40	0.00	None Contributing
85.40	0.00	77.40	0.00	None Contributing
85.50	0.00	77.40	0.00	None Contributing
85.60	0.00	77.40	0.00	Weir - 1
85.70	0.10	77.40	0.00	Weir - 1
85.80	0.29	77.40	0.00	Weir - 1
85.90	0.53	77.40	0.00	Weir - 1
86.00	0.81	77.40	0.00	Weir - 1
86.10	1.13	77.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.50	0.00	None Contributing
84.70	0.00	77.50	0.00	None Contributing
84.80	0.00	77.50	0.00	None Contributing
84.90	0.00	77.50	0.00	None Contributing
85.00	0.00	77.50	0.00	None Contributing
85.10	0.00	77.50	0.00	None Contributing
85.20	0.00	77.50	0.00	None Contributing
85.30	0.00	77.50	0.00	None Contributing
85.40	0.00	77.50	0.00	None Contributing
85.50	0.00	77.50	0.00	None Contributing
85.60	0.00	77.50	0.00	Weir - 1
85.70	0.10	77.50	0.00	Weir - 1
85.80	0.29	77.50	0.00	Weir - 1
85.90	0.53	77.50	0.00	Weir - 1
86.00	0.81	77.50	0.00	Weir - 1
86.10	1.13	77.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.60	0.00	None Contributing
84.70	0.00	77.60	0.00	None Contributing
84.80	0.00	77.60	0.00	None Contributing
84.90	0.00	77.60	0.00	None Contributing
85.00	0.00	77.60	0.00	None Contributing
85.10	0.00	77.60	0.00	None Contributing
85.20	0.00	77.60	0.00	None Contributing
85.30	0.00	77.60	0.00	None Contributing
85.40	0.00	77.60	0.00	None Contributing
85.50	0.00	77.60	0.00	None Contributing
85.60	0.00	77.60	0.00	Weir - 1
85.70	0.10	77.60	0.00	Weir - 1
85.80	0.29	77.60	0.00	Weir - 1
85.90	0.53	77.60	0.00	Weir - 1
86.00	0.81	77.60	0.00	Weir - 1
86.10	1.13	77.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.70	0.00	None Contributing
84.70	0.00	77.70	0.00	None Contributing
84.80	0.00	77.70	0.00	None Contributing
84.90	0.00	77.70	0.00	None Contributing
85.00	0.00	77.70	0.00	None Contributing
85.10	0.00	77.70	0.00	None Contributing
85.20	0.00	77.70	0.00	None Contributing
85.30	0.00	77.70	0.00	None Contributing
85.40	0.00	77.70	0.00	None Contributing
85.50	0.00	77.70	0.00	None Contributing
85.60	0.00	77.70	0.00	Weir - 1
85.70	0.10	77.70	0.00	Weir - 1
85.80	0.29	77.70	0.00	Weir - 1
85.90	0.53	77.70	0.00	Weir - 1
86.00	0.81	77.70	0.00	Weir - 1
86.10	1.13	77.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.80	0.00	None Contributing
84.70	0.00	77.80	0.00	None Contributing
84.80	0.00	77.80	0.00	None Contributing
84.90	0.00	77.80	0.00	None Contributing
85.00	0.00	77.80	0.00	None Contributing
85.10	0.00	77.80	0.00	None Contributing
85.20	0.00	77.80	0.00	None Contributing
85.30	0.00	77.80	0.00	None Contributing
85.40	0.00	77.80	0.00	None Contributing
85.50	0.00	77.80	0.00	None Contributing
85.60	0.00	77.80	0.00	Weir - 1
85.70	0.10	77.80	0.00	Weir - 1
85.80	0.29	77.80	0.00	Weir - 1
85.90	0.53	77.80	0.00	Weir - 1
86.00	0.81	77.80	0.00	Weir - 1
86.10	1.13	77.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.90	0.00	None Contributing
84.70	0.00	77.90	0.00	None Contributing
84.80	0.00	77.90	0.00	None Contributing
84.90	0.00	77.90	0.00	None Contributing
85.00	0.00	77.90	0.00	None Contributing
85.10	0.00	77.90	0.00	None Contributing
85.20	0.00	77.90	0.00	None Contributing
85.30	0.00	77.90	0.00	None Contributing
85.40	0.00	77.90	0.00	None Contributing
85.50	0.00	77.90	0.00	None Contributing
85.60	0.00	77.90	0.00	Weir - 1
85.70	0.10	77.90	0.00	Weir - 1
85.80	0.29	77.90	0.00	Weir - 1
85.90	0.53	77.90	0.00	Weir - 1
86.00	0.81	77.90	0.00	Weir - 1
86.10	1.13	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.00	0.00	None Contributing
84.70	0.00	78.00	0.00	None Contributing
84.80	0.00	78.00	0.00	None Contributing
84.90	0.00	78.00	0.00	None Contributing
85.00	0.00	78.00	0.00	None Contributing
85.10	0.00	78.00	0.00	None Contributing
85.20	0.00	78.00	0.00	None Contributing
85.30	0.00	78.00	0.00	None Contributing
85.40	0.00	78.00	0.00	None Contributing
85.50	0.00	78.00	0.00	None Contributing
85.60	0.00	78.00	0.00	Weir - 1
85.70	0.10	78.00	0.00	Weir - 1
85.80	0.29	78.00	0.00	Weir - 1
85.90	0.53	78.00	0.00	Weir - 1
86.00	0.81	78.00	0.00	Weir - 1
86.10	1.13	78.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.10	0.00	None Contributing
84.70	0.00	78.10	0.00	None Contributing
84.80	0.00	78.10	0.00	None Contributing
84.90	0.00	78.10	0.00	None Contributing
85.00	0.00	78.10	0.00	None Contributing
85.10	0.00	78.10	0.00	None Contributing
85.20	0.00	78.10	0.00	None Contributing
85.30	0.00	78.10	0.00	None Contributing
85.40	0.00	78.10	0.00	None Contributing
85.50	0.00	78.10	0.00	None Contributing
85.60	0.00	78.10	0.00	Weir - 1
85.70	0.10	78.10	0.00	Weir - 1
85.80	0.29	78.10	0.00	Weir - 1
85.90	0.53	78.10	0.00	Weir - 1
86.00	0.81	78.10	0.00	Weir - 1
86.10	1.13	78.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.20	0.00	None Contributing
84.70	0.00	78.20	0.00	None Contributing
84.80	0.00	78.20	0.00	None Contributing
84.90	0.00	78.20	0.00	None Contributing
85.00	0.00	78.20	0.00	None Contributing
85.10	0.00	78.20	0.00	None Contributing
85.20	0.00	78.20	0.00	None Contributing
85.30	0.00	78.20	0.00	None Contributing
85.40	0.00	78.20	0.00	None Contributing
85.50	0.00	78.20	0.00	None Contributing
85.60	0.00	78.20	0.00	Weir - 1
85.70	0.10	78.20	0.00	Weir - 1
85.80	0.29	78.20	0.00	Weir - 1
85.90	0.53	78.20	0.00	Weir - 1
86.00	0.81	78.20	0.00	Weir - 1
86.10	1.13	78.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.30	0.00	None Contributing
84.70	0.00	78.30	0.00	None Contributing
84.80	0.00	78.30	0.00	None Contributing
84.90	0.00	78.30	0.00	None Contributing
85.00	0.00	78.30	0.00	None Contributing
85.10	0.00	78.30	0.00	None Contributing
85.20	0.00	78.30	0.00	None Contributing
85.30	0.00	78.30	0.00	None Contributing
85.40	0.00	78.30	0.00	None Contributing
85.50	0.00	78.30	0.00	None Contributing
85.60	0.00	78.30	0.00	Weir - 1
85.70	0.10	78.30	0.00	Weir - 1
85.80	0.29	78.30	0.00	Weir - 1
85.90	0.53	78.30	0.00	Weir - 1
86.00	0.81	78.30	0.00	Weir - 1
86.10	1.13	78.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.40	0.00	None Contributing
84.70	0.00	78.40	0.00	None Contributing
84.80	0.00	78.40	0.00	None Contributing
84.90	0.00	78.40	0.00	None Contributing
85.00	0.00	78.40	0.00	None Contributing
85.10	0.00	78.40	0.00	None Contributing
85.20	0.00	78.40	0.00	None Contributing
85.30	0.00	78.40	0.00	None Contributing
85.40	0.00	78.40	0.00	None Contributing
85.50	0.00	78.40	0.00	None Contributing
85.60	0.00	78.40	0.00	Weir - 1
85.70	0.10	78.40	0.00	Weir - 1
85.80	0.29	78.40	0.00	Weir - 1
85.90	0.53	78.40	0.00	Weir - 1
86.00	0.81	78.40	0.00	Weir - 1
86.10	1.13	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.50	0.00	None Contributing
84.70	0.00	78.50	0.00	None Contributing
84.80	0.00	78.50	0.00	None Contributing
84.90	0.00	78.50	0.00	None Contributing
85.00	0.00	78.50	0.00	None Contributing
85.10	0.00	78.50	0.00	None Contributing
85.20	0.00	78.50	0.00	None Contributing
85.30	0.00	78.50	0.00	None Contributing
85.40	0.00	78.50	0.00	None Contributing
85.50	0.00	78.50	0.00	None Contributing
85.60	0.00	78.50	0.00	Weir - 1
85.70	0.10	78.50	0.00	Weir - 1
85.80	0.29	78.50	0.00	Weir - 1
85.90	0.53	78.50	0.00	Weir - 1
86.00	0.81	78.50	0.00	Weir - 1
86.10	1.13	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.60	0.00	None Contributing
84.70	0.00	78.60	0.00	None Contributing
84.80	0.00	78.60	0.00	None Contributing
84.90	0.00	78.60	0.00	None Contributing
85.00	0.00	78.60	0.00	None Contributing
85.10	0.00	78.60	0.00	None Contributing
85.20	0.00	78.60	0.00	None Contributing
85.30	0.00	78.60	0.00	None Contributing
85.40	0.00	78.60	0.00	None Contributing
85.50	0.00	78.60	0.00	None Contributing
85.60	0.00	78.60	0.00	Weir - 1
85.70	0.10	78.60	0.00	Weir - 1
85.80	0.29	78.60	0.00	Weir - 1
85.90	0.53	78.60	0.00	Weir - 1
86.00	0.81	78.60	0.00	Weir - 1
86.10	1.13	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.70	0.00	None Contributing
84.70	0.00	78.70	0.00	None Contributing
84.80	0.00	78.70	0.00	None Contributing
84.90	0.00	78.70	0.00	None Contributing
85.00	0.00	78.70	0.00	None Contributing
85.10	0.00	78.70	0.00	None Contributing
85.20	0.00	78.70	0.00	None Contributing
85.30	0.00	78.70	0.00	None Contributing
85.40	0.00	78.70	0.00	None Contributing
85.50	0.00	78.70	0.00	None Contributing
85.60	0.00	78.70	0.00	Weir - 1
85.70	0.10	78.70	0.00	Weir - 1
85.80	0.29	78.70	0.00	Weir - 1
85.90	0.53	78.70	0.00	Weir - 1
86.00	0.81	78.70	0.00	Weir - 1
86.10	1.13	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.80	0.00	None Contributing
84.70	0.00	78.80	0.00	None Contributing
84.80	0.00	78.80	0.00	None Contributing
84.90	0.00	78.80	0.00	None Contributing
85.00	0.00	78.80	0.00	None Contributing
85.10	0.00	78.80	0.00	None Contributing
85.20	0.00	78.80	0.00	None Contributing
85.30	0.00	78.80	0.00	None Contributing
85.40	0.00	78.80	0.00	None Contributing
85.50	0.00	78.80	0.00	None Contributing
85.60	0.00	78.80	0.00	Weir - 1
85.70	0.10	78.80	0.00	Weir - 1
85.80	0.29	78.80	0.00	Weir - 1
85.90	0.53	78.80	0.00	Weir - 1
86.00	0.81	78.80	0.00	Weir - 1
86.10	1.13	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.90	0.00	None Contributing
84.70	0.00	78.90	0.00	None Contributing
84.80	0.00	78.90	0.00	None Contributing
84.90	0.00	78.90	0.00	None Contributing
85.00	0.00	78.90	0.00	None Contributing
85.10	0.00	78.90	0.00	None Contributing
85.20	0.00	78.90	0.00	None Contributing
85.30	0.00	78.90	0.00	None Contributing
85.40	0.00	78.90	0.00	None Contributing
85.50	0.00	78.90	0.00	None Contributing
85.60	0.00	78.90	0.00	Weir - 1
85.70	0.10	78.90	0.00	Weir - 1
85.80	0.29	78.90	0.00	Weir - 1
85.90	0.53	78.90	0.00	Weir - 1
86.00	0.81	78.90	0.00	Weir - 1
86.10	1.13	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.00	0.00	None Contributing
84.70	0.00	79.00	0.00	None Contributing
84.80	0.00	79.00	0.00	None Contributing
84.90	0.00	79.00	0.00	None Contributing
85.00	0.00	79.00	0.00	None Contributing
85.10	0.00	79.00	0.00	None Contributing
85.20	0.00	79.00	0.00	None Contributing
85.30	0.00	79.00	0.00	None Contributing
85.40	0.00	79.00	0.00	None Contributing
85.50	0.00	79.00	0.00	None Contributing
85.60	0.00	79.00	0.00	Weir - 1
85.70	0.10	79.00	0.00	Weir - 1
85.80	0.29	79.00	0.00	Weir - 1
85.90	0.53	79.00	0.00	Weir - 1
86.00	0.81	79.00	0.00	Weir - 1
86.10	1.13	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.10	0.00	None Contributing
84.70	0.00	79.10	0.00	None Contributing
84.80	0.00	79.10	0.00	None Contributing
84.90	0.00	79.10	0.00	None Contributing
85.00	0.00	79.10	0.00	None Contributing
85.10	0.00	79.10	0.00	None Contributing
85.20	0.00	79.10	0.00	None Contributing
85.30	0.00	79.10	0.00	None Contributing
85.40	0.00	79.10	0.00	None Contributing
85.50	0.00	79.10	0.00	None Contributing
85.60	0.00	79.10	0.00	Weir - 1
85.70	0.10	79.10	0.00	Weir - 1
85.80	0.29	79.10	0.00	Weir - 1
85.90	0.53	79.10	0.00	Weir - 1
86.00	0.81	79.10	0.00	Weir - 1
86.10	1.13	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.20	0.00	None Contributing
84.70	0.00	79.20	0.00	None Contributing
84.80	0.00	79.20	0.00	None Contributing
84.90	0.00	79.20	0.00	None Contributing
85.00	0.00	79.20	0.00	None Contributing
85.10	0.00	79.20	0.00	None Contributing
85.20	0.00	79.20	0.00	None Contributing
85.30	0.00	79.20	0.00	None Contributing
85.40	0.00	79.20	0.00	None Contributing
85.50	0.00	79.20	0.00	None Contributing
85.60	0.00	79.20	0.00	Weir - 1
85.70	0.10	79.20	0.00	Weir - 1
85.80	0.29	79.20	0.00	Weir - 1
85.90	0.53	79.20	0.00	Weir - 1
86.00	0.81	79.20	0.00	Weir - 1
86.10	1.13	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.30	0.00	None Contributing
84.70	0.00	79.30	0.00	None Contributing
84.80	0.00	79.30	0.00	None Contributing
84.90	0.00	79.30	0.00	None Contributing
85.00	0.00	79.30	0.00	None Contributing
85.10	0.00	79.30	0.00	None Contributing
85.20	0.00	79.30	0.00	None Contributing
85.30	0.00	79.30	0.00	None Contributing
85.40	0.00	79.30	0.00	None Contributing
85.50	0.00	79.30	0.00	None Contributing
85.60	0.00	79.30	0.00	Weir - 1
85.70	0.10	79.30	0.00	Weir - 1
85.80	0.29	79.30	0.00	Weir - 1
85.90	0.53	79.30	0.00	Weir - 1
86.00	0.81	79.30	0.00	Weir - 1
86.10	1.13	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.40	0.00	None Contributing
84.70	0.00	79.40	0.00	None Contributing
84.80	0.00	79.40	0.00	None Contributing
84.90	0.00	79.40	0.00	None Contributing
85.00	0.00	79.40	0.00	None Contributing
85.10	0.00	79.40	0.00	None Contributing
85.20	0.00	79.40	0.00	None Contributing
85.30	0.00	79.40	0.00	None Contributing
85.40	0.00	79.40	0.00	None Contributing
85.50	0.00	79.40	0.00	None Contributing
85.60	0.00	79.40	0.00	Weir - 1
85.70	0.10	79.40	0.00	Weir - 1
85.80	0.29	79.40	0.00	Weir - 1
85.90	0.53	79.40	0.00	Weir - 1
86.00	0.81	79.40	0.00	Weir - 1
86.10	1.13	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.50	0.00	None Contributing
84.70	0.00	79.50	0.00	None Contributing
84.80	0.00	79.50	0.00	None Contributing
84.90	0.00	79.50	0.00	None Contributing
85.00	0.00	79.50	0.00	None Contributing
85.10	0.00	79.50	0.00	None Contributing
85.20	0.00	79.50	0.00	None Contributing
85.30	0.00	79.50	0.00	None Contributing
85.40	0.00	79.50	0.00	None Contributing
85.50	0.00	79.50	0.00	None Contributing
85.60	0.00	79.50	0.00	Weir - 1
85.70	0.10	79.50	0.00	Weir - 1
85.80	0.29	79.50	0.00	Weir - 1
85.90	0.53	79.50	0.00	Weir - 1
86.00	0.81	79.50	0.00	Weir - 1
86.10	1.13	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.60	0.00	None Contributing
84.70	0.00	79.60	0.00	None Contributing
84.80	0.00	79.60	0.00	None Contributing
84.90	0.00	79.60	0.00	None Contributing
85.00	0.00	79.60	0.00	None Contributing
85.10	0.00	79.60	0.00	None Contributing
85.20	0.00	79.60	0.00	None Contributing
85.30	0.00	79.60	0.00	None Contributing
85.40	0.00	79.60	0.00	None Contributing
85.50	0.00	79.60	0.00	None Contributing
85.60	0.00	79.60	0.00	Weir - 1
85.70	0.10	79.60	0.00	Weir - 1
85.80	0.29	79.60	0.00	Weir - 1
85.90	0.53	79.60	0.00	Weir - 1
86.00	0.81	79.60	0.00	Weir - 1
86.10	1.13	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.70	0.00	None Contributing
84.70	0.00	79.70	0.00	None Contributing
84.80	0.00	79.70	0.00	None Contributing
84.90	0.00	79.70	0.00	None Contributing
85.00	0.00	79.70	0.00	None Contributing
85.10	0.00	79.70	0.00	None Contributing
85.20	0.00	79.70	0.00	None Contributing
85.30	0.00	79.70	0.00	None Contributing
85.40	0.00	79.70	0.00	None Contributing
85.50	0.00	79.70	0.00	None Contributing
85.60	0.00	79.70	0.00	Weir - 1
85.70	0.10	79.70	0.00	Weir - 1
85.80	0.29	79.70	0.00	Weir - 1
85.90	0.53	79.70	0.00	Weir - 1
86.00	0.81	79.70	0.00	Weir - 1
86.10	1.13	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.80	0.00	None Contributing
84.70	0.00	79.80	0.00	None Contributing
84.80	0.00	79.80	0.00	None Contributing
84.90	0.00	79.80	0.00	None Contributing
85.00	0.00	79.80	0.00	None Contributing
85.10	0.00	79.80	0.00	None Contributing
85.20	0.00	79.80	0.00	None Contributing
85.30	0.00	79.80	0.00	None Contributing
85.40	0.00	79.80	0.00	None Contributing
85.50	0.00	79.80	0.00	None Contributing
85.60	0.00	79.80	0.00	Weir - 1
85.70	0.10	79.80	0.00	Weir - 1
85.80	0.29	79.80	0.00	Weir - 1
85.90	0.53	79.80	0.00	Weir - 1
86.00	0.81	79.80	0.00	Weir - 1
86.10	1.13	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.90	0.00	None Contributing
84.70	0.00	79.90	0.00	None Contributing
84.80	0.00	79.90	0.00	None Contributing
84.90	0.00	79.90	0.00	None Contributing
85.00	0.00	79.90	0.00	None Contributing
85.10	0.00	79.90	0.00	None Contributing
85.20	0.00	79.90	0.00	None Contributing
85.30	0.00	79.90	0.00	None Contributing
85.40	0.00	79.90	0.00	None Contributing
85.50	0.00	79.90	0.00	None Contributing
85.60	0.00	79.90	0.00	Weir - 1
85.70	0.10	79.90	0.00	Weir - 1
85.80	0.29	79.90	0.00	Weir - 1
85.90	0.53	79.90	0.00	Weir - 1
86.00	0.81	79.90	0.00	Weir - 1
86.10	1.13	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.00	0.00	None Contributing
84.70	0.00	80.00	0.00	None Contributing
84.80	0.00	80.00	0.00	None Contributing
84.90	0.00	80.00	0.00	None Contributing
85.00	0.00	80.00	0.00	None Contributing
85.10	0.00	80.00	0.00	None Contributing
85.20	0.00	80.00	0.00	None Contributing
85.30	0.00	80.00	0.00	None Contributing
85.40	0.00	80.00	0.00	None Contributing
85.50	0.00	80.00	0.00	None Contributing
85.60	0.00	80.00	0.00	Weir - 1
85.70	0.10	80.00	0.00	Weir - 1
85.80	0.29	80.00	0.00	Weir - 1
85.90	0.53	80.00	0.00	Weir - 1
86.00	0.81	80.00	0.00	Weir - 1
86.10	1.13	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.10	0.00	None Contributing
84.70	0.00	80.10	0.00	None Contributing
84.80	0.00	80.10	0.00	None Contributing
84.90	0.00	80.10	0.00	None Contributing
85.00	0.00	80.10	0.00	None Contributing
85.10	0.00	80.10	0.00	None Contributing
85.20	0.00	80.10	0.00	None Contributing
85.30	0.00	80.10	0.00	None Contributing
85.40	0.00	80.10	0.00	None Contributing
85.50	0.00	80.10	0.00	None Contributing
85.60	0.00	80.10	0.00	Weir - 1
85.70	0.10	80.10	0.00	Weir - 1
85.80	0.29	80.10	0.00	Weir - 1
85.90	0.53	80.10	0.00	Weir - 1
86.00	0.81	80.10	0.00	Weir - 1
86.10	1.13	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.20	0.00	None Contributing
84.70	0.00	80.20	0.00	None Contributing
84.80	0.00	80.20	0.00	None Contributing
84.90	0.00	80.20	0.00	None Contributing
85.00	0.00	80.20	0.00	None Contributing
85.10	0.00	80.20	0.00	None Contributing
85.20	0.00	80.20	0.00	None Contributing
85.30	0.00	80.20	0.00	None Contributing
85.40	0.00	80.20	0.00	None Contributing
85.50	0.00	80.20	0.00	None Contributing
85.60	0.00	80.20	0.00	Weir - 1
85.70	0.10	80.20	0.00	Weir - 1
85.80	0.29	80.20	0.00	Weir - 1
85.90	0.53	80.20	0.00	Weir - 1
86.00	0.81	80.20	0.00	Weir - 1
86.10	1.13	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.30	0.00	None Contributing
84.70	0.00	80.30	0.00	None Contributing
84.80	0.00	80.30	0.00	None Contributing
84.90	0.00	80.30	0.00	None Contributing
85.00	0.00	80.30	0.00	None Contributing
85.10	0.00	80.30	0.00	None Contributing
85.20	0.00	80.30	0.00	None Contributing
85.30	0.00	80.30	0.00	None Contributing
85.40	0.00	80.30	0.00	None Contributing
85.50	0.00	80.30	0.00	None Contributing
85.60	0.00	80.30	0.00	Weir - 1
85.70	0.10	80.30	0.00	Weir - 1
85.80	0.29	80.30	0.00	Weir - 1
85.90	0.53	80.30	0.00	Weir - 1
86.00	0.81	80.30	0.00	Weir - 1
86.10	1.13	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.40	0.00	None Contributing
84.70	0.00	80.40	0.00	None Contributing
84.80	0.00	80.40	0.00	None Contributing
84.90	0.00	80.40	0.00	None Contributing
85.00	0.00	80.40	0.00	None Contributing
85.10	0.00	80.40	0.00	None Contributing
85.20	0.00	80.40	0.00	None Contributing
85.30	0.00	80.40	0.00	None Contributing
85.40	0.00	80.40	0.00	None Contributing
85.50	0.00	80.40	0.00	None Contributing
85.60	0.00	80.40	0.00	Weir - 1
85.70	0.10	80.40	0.00	Weir - 1
85.80	0.29	80.40	0.00	Weir - 1
85.90	0.53	80.40	0.00	Weir - 1
86.00	0.81	80.40	0.00	Weir - 1
86.10	1.13	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.50	0.00	None Contributing
84.70	0.00	80.50	0.00	None Contributing
84.80	0.00	80.50	0.00	None Contributing
84.90	0.00	80.50	0.00	None Contributing
85.00	0.00	80.50	0.00	None Contributing
85.10	0.00	80.50	0.00	None Contributing
85.20	0.00	80.50	0.00	None Contributing
85.30	0.00	80.50	0.00	None Contributing
85.40	0.00	80.50	0.00	None Contributing
85.50	0.00	80.50	0.00	None Contributing
85.60	0.00	80.50	0.00	Weir - 1
85.70	0.10	80.50	0.00	Weir - 1
85.80	0.29	80.50	0.00	Weir - 1
85.90	0.53	80.50	0.00	Weir - 1
86.00	0.81	80.50	0.00	Weir - 1
86.10	1.13	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.50	0.00	None Contributing
80.80	0.00	78.50	0.00	None Contributing
80.86	0.00	78.50	0.00	None Contributing
80.90	0.00	78.50	0.00	Orifice - 1
81.00	0.03	78.50	0.00	Orifice - 1
81.10	0.06	78.50	0.00	Orifice - 1
81.20	0.08	78.50	0.00	Orifice - 1
81.30	0.10	78.50	0.00	Orifice - 1
81.40	0.11	78.50	0.00	Orifice - 1
81.50	0.12	78.50	0.00	Orifice - 1
81.60	0.13	78.50	0.00	Orifice - 1
81.70	0.14	78.50	0.00	Orifice - 1
81.80	0.15	78.50	0.00	Orifice - 1
81.90	0.16	78.50	0.00	Orifice - 1
82.00	0.17	78.50	0.00	Orifice - 1
82.10	0.17	78.50	0.00	Orifice - 1
82.20	0.18	78.50	0.00	Orifice - 1
82.30	0.19	78.50	0.00	Orifice - 1
82.40	0.20	78.50	0.00	Orifice - 1
82.50	0.20	78.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.60	0.00	None Contributing
80.80	0.00	78.60	0.00	None Contributing
80.86	0.00	78.60	0.00	None Contributing
80.90	0.00	78.60	0.00	Orifice - 1
81.00	0.03	78.60	0.00	Orifice - 1
81.10	0.06	78.60	0.00	Orifice - 1
81.20	0.08	78.60	0.00	Orifice - 1
81.30	0.10	78.60	0.00	Orifice - 1
81.40	0.11	78.60	0.00	Orifice - 1
81.50	0.12	78.60	0.00	Orifice - 1
81.60	0.13	78.60	0.00	Orifice - 1
81.70	0.14	78.60	0.00	Orifice - 1
81.80	0.15	78.60	0.00	Orifice - 1
81.90	0.16	78.60	0.00	Orifice - 1
82.00	0.17	78.60	0.00	Orifice - 1
82.10	0.17	78.60	0.00	Orifice - 1
82.20	0.18	78.60	0.00	Orifice - 1
82.30	0.19	78.60	0.00	Orifice - 1
82.40	0.20	78.60	0.00	Orifice - 1
82.50	0.20	78.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.70	0.00	None Contributing
80.80	0.00	78.70	0.00	None Contributing
80.86	0.00	78.70	0.00	None Contributing
80.90	0.00	78.70	0.00	Orifice - 1
81.00	0.03	78.70	0.00	Orifice - 1
81.10	0.06	78.70	0.00	Orifice - 1
81.20	0.08	78.70	0.00	Orifice - 1
81.30	0.10	78.70	0.00	Orifice - 1
81.40	0.11	78.70	0.00	Orifice - 1
81.50	0.12	78.70	0.00	Orifice - 1
81.60	0.13	78.70	0.00	Orifice - 1
81.70	0.14	78.70	0.00	Orifice - 1
81.80	0.15	78.70	0.00	Orifice - 1
81.90	0.16	78.70	0.00	Orifice - 1
82.00	0.17	78.70	0.00	Orifice - 1
82.10	0.17	78.70	0.00	Orifice - 1
82.20	0.18	78.70	0.00	Orifice - 1
82.30	0.19	78.70	0.00	Orifice - 1
82.40	0.20	78.70	0.00	Orifice - 1
82.50	0.20	78.70	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.80	0.00	None Contributing
80.80	0.00	78.80	0.00	None Contributing
80.86	0.00	78.80	0.00	None Contributing
80.90	0.00	78.80	0.00	Orifice - 1
81.00	0.03	78.80	0.00	Orifice - 1
81.10	0.06	78.80	0.00	Orifice - 1
81.20	0.08	78.80	0.00	Orifice - 1
81.30	0.10	78.80	0.00	Orifice - 1
81.40	0.11	78.80	0.00	Orifice - 1
81.50	0.12	78.80	0.00	Orifice - 1
81.60	0.13	78.80	0.00	Orifice - 1
81.70	0.14	78.80	0.00	Orifice - 1
81.80	0.15	78.80	0.00	Orifice - 1
81.90	0.16	78.80	0.00	Orifice - 1
82.00	0.17	78.80	0.00	Orifice - 1
82.10	0.17	78.80	0.00	Orifice - 1
82.20	0.18	78.80	0.00	Orifice - 1
82.30	0.19	78.80	0.00	Orifice - 1
82.40	0.20	78.80	0.00	Orifice - 1
82.50	0.20	78.80	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.90	0.00	None Contributing
80.80	0.00	78.90	0.00	None Contributing
80.86	0.00	78.90	0.00	None Contributing
80.90	0.00	78.90	0.00	Orifice - 1
81.00	0.03	78.90	0.00	Orifice - 1
81.10	0.06	78.90	0.00	Orifice - 1
81.20	0.08	78.90	0.00	Orifice - 1
81.30	0.10	78.90	0.00	Orifice - 1
81.40	0.11	78.90	0.00	Orifice - 1
81.50	0.12	78.90	0.00	Orifice - 1
81.60	0.13	78.90	0.00	Orifice - 1
81.70	0.14	78.90	0.00	Orifice - 1
81.80	0.15	78.90	0.00	Orifice - 1
81.90	0.16	78.90	0.00	Orifice - 1
82.00	0.17	78.90	0.00	Orifice - 1
82.10	0.17	78.90	0.00	Orifice - 1
82.20	0.18	78.90	0.00	Orifice - 1
82.30	0.19	78.90	0.00	Orifice - 1
82.40	0.20	78.90	0.00	Orifice - 1
82.50	0.20	78.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.00	0.00	None Contributing
80.80	0.00	79.00	0.00	None Contributing
80.86	0.00	79.00	0.00	None Contributing
80.90	0.00	79.00	0.00	Orifice - 1
81.00	0.03	79.00	0.00	Orifice - 1
81.10	0.06	79.00	0.00	Orifice - 1
81.20	0.08	79.00	0.00	Orifice - 1
81.30	0.10	79.00	0.00	Orifice - 1
81.40	0.11	79.00	0.00	Orifice - 1
81.50	0.12	79.00	0.00	Orifice - 1
81.60	0.13	79.00	0.00	Orifice - 1
81.70	0.14	79.00	0.00	Orifice - 1
81.80	0.15	79.00	0.00	Orifice - 1
81.90	0.16	79.00	0.00	Orifice - 1
82.00	0.17	79.00	0.00	Orifice - 1
82.10	0.17	79.00	0.00	Orifice - 1
82.20	0.18	79.00	0.00	Orifice - 1
82.30	0.19	79.00	0.00	Orifice - 1
82.40	0.20	79.00	0.00	Orifice - 1
82.50	0.20	79.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.10	0.00	None Contributing
80.80	0.00	79.10	0.00	None Contributing
80.86	0.00	79.10	0.00	None Contributing
80.90	0.00	79.10	0.00	Orifice - 1
81.00	0.03	79.10	0.00	Orifice - 1
81.10	0.06	79.10	0.00	Orifice - 1
81.20	0.08	79.10	0.00	Orifice - 1
81.30	0.10	79.10	0.00	Orifice - 1
81.40	0.11	79.10	0.00	Orifice - 1
81.50	0.12	79.10	0.00	Orifice - 1
81.60	0.13	79.10	0.00	Orifice - 1
81.70	0.14	79.10	0.00	Orifice - 1
81.80	0.15	79.10	0.00	Orifice - 1
81.90	0.16	79.10	0.00	Orifice - 1
82.00	0.17	79.10	0.00	Orifice - 1
82.10	0.17	79.10	0.00	Orifice - 1
82.20	0.18	79.10	0.00	Orifice - 1
82.30	0.19	79.10	0.00	Orifice - 1
82.40	0.20	79.10	0.00	Orifice - 1
82.50	0.20	79.10	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.20	0.00	None Contributing
80.80	0.00	79.20	0.00	None Contributing
80.86	0.00	79.20	0.00	None Contributing
80.90	0.00	79.20	0.00	Orifice - 1
81.00	0.03	79.20	0.00	Orifice - 1
81.10	0.06	79.20	0.00	Orifice - 1
81.20	0.08	79.20	0.00	Orifice - 1
81.30	0.10	79.20	0.00	Orifice - 1
81.40	0.11	79.20	0.00	Orifice - 1
81.50	0.12	79.20	0.00	Orifice - 1
81.60	0.13	79.20	0.00	Orifice - 1
81.70	0.14	79.20	0.00	Orifice - 1
81.80	0.15	79.20	0.00	Orifice - 1
81.90	0.16	79.20	0.00	Orifice - 1
82.00	0.17	79.20	0.00	Orifice - 1
82.10	0.17	79.20	0.00	Orifice - 1
82.20	0.18	79.20	0.00	Orifice - 1
82.30	0.19	79.20	0.00	Orifice - 1
82.40	0.20	79.20	0.00	Orifice - 1
82.50	0.20	79.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.30	0.00	None Contributing
80.80	0.00	79.30	0.00	None Contributing
80.86	0.00	79.30	0.00	None Contributing
80.90	0.00	79.30	0.00	Orifice - 1
81.00	0.03	79.30	0.00	Orifice - 1
81.10	0.06	79.30	0.00	Orifice - 1
81.20	0.08	79.30	0.00	Orifice - 1
81.30	0.10	79.30	0.00	Orifice - 1
81.40	0.11	79.30	0.00	Orifice - 1
81.50	0.12	79.30	0.00	Orifice - 1
81.60	0.13	79.30	0.00	Orifice - 1
81.70	0.14	79.30	0.00	Orifice - 1
81.80	0.15	79.30	0.00	Orifice - 1
81.90	0.16	79.30	0.00	Orifice - 1
82.00	0.17	79.30	0.00	Orifice - 1
82.10	0.17	79.30	0.00	Orifice - 1
82.20	0.18	79.30	0.00	Orifice - 1
82.30	0.19	79.30	0.00	Orifice - 1
82.40	0.20	79.30	0.00	Orifice - 1
82.50	0.20	79.30	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.40	0.00	None Contributing
80.80	0.00	79.40	0.00	None Contributing
80.86	0.00	79.40	0.00	None Contributing
80.90	0.00	79.40	0.00	Orifice - 1
81.00	0.03	79.40	0.00	Orifice - 1
81.10	0.06	79.40	0.00	Orifice - 1
81.20	0.08	79.40	0.00	Orifice - 1
81.30	0.10	79.40	0.00	Orifice - 1
81.40	0.11	79.40	0.00	Orifice - 1
81.50	0.12	79.40	0.00	Orifice - 1
81.60	0.13	79.40	0.00	Orifice - 1
81.70	0.14	79.40	0.00	Orifice - 1
81.80	0.15	79.40	0.00	Orifice - 1
81.90	0.16	79.40	0.00	Orifice - 1
82.00	0.17	79.40	0.00	Orifice - 1
82.10	0.17	79.40	0.00	Orifice - 1
82.20	0.18	79.40	0.00	Orifice - 1
82.30	0.19	79.40	0.00	Orifice - 1
82.40	0.20	79.40	0.00	Orifice - 1
82.50	0.20	79.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.50	0.00	None Contributing
80.80	0.00	79.50	0.00	None Contributing
80.86	0.00	79.50	0.00	None Contributing
80.90	0.00	79.50	0.00	Orifice - 1
81.00	0.03	79.50	0.00	Orifice - 1
81.10	0.06	79.50	0.00	Orifice - 1
81.20	0.08	79.50	0.00	Orifice - 1
81.30	0.10	79.50	0.00	Orifice - 1
81.40	0.11	79.50	0.00	Orifice - 1
81.50	0.12	79.50	0.00	Orifice - 1
81.60	0.13	79.50	0.00	Orifice - 1
81.70	0.14	79.50	0.00	Orifice - 1
81.80	0.15	79.50	0.00	Orifice - 1
81.90	0.16	79.50	0.00	Orifice - 1
82.00	0.17	79.50	0.00	Orifice - 1
82.10	0.17	79.50	0.00	Orifice - 1
82.20	0.18	79.50	0.00	Orifice - 1
82.30	0.19	79.50	0.00	Orifice - 1
82.40	0.20	79.50	0.00	Orifice - 1
82.50	0.20	79.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.60	0.00	None Contributing
80.80	0.00	79.60	0.00	None Contributing
80.86	0.00	79.60	0.00	None Contributing
80.90	0.00	79.60	0.00	Orifice - 1
81.00	0.03	79.60	0.00	Orifice - 1
81.10	0.06	79.60	0.00	Orifice - 1
81.20	0.08	79.60	0.00	Orifice - 1
81.30	0.10	79.60	0.00	Orifice - 1
81.40	0.11	79.60	0.00	Orifice - 1
81.50	0.12	79.60	0.00	Orifice - 1
81.60	0.13	79.60	0.00	Orifice - 1
81.70	0.14	79.60	0.00	Orifice - 1
81.80	0.15	79.60	0.00	Orifice - 1
81.90	0.16	79.60	0.00	Orifice - 1
82.00	0.17	79.60	0.00	Orifice - 1
82.10	0.17	79.60	0.00	Orifice - 1
82.20	0.18	79.60	0.00	Orifice - 1
82.30	0.19	79.60	0.00	Orifice - 1
82.40	0.20	79.60	0.00	Orifice - 1
82.50	0.20	79.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.70	0.00	None Contributing
80.80	0.00	79.70	0.00	None Contributing
80.86	0.00	79.70	0.00	None Contributing
80.90	0.00	79.70	0.00	Orifice - 1
81.00	0.03	79.70	0.00	Orifice - 1
81.10	0.06	79.70	0.00	Orifice - 1
81.20	0.08	79.70	0.00	Orifice - 1
81.30	0.10	79.70	0.00	Orifice - 1
81.40	0.11	79.70	0.00	Orifice - 1
81.50	0.12	79.70	0.00	Orifice - 1
81.60	0.13	79.70	0.00	Orifice - 1
81.70	0.14	79.70	0.00	Orifice - 1
81.80	0.15	79.70	0.00	Orifice - 1
81.90	0.16	79.70	0.00	Orifice - 1
82.00	0.17	79.70	0.00	Orifice - 1
82.10	0.17	79.70	0.00	Orifice - 1
82.20	0.18	79.70	0.00	Orifice - 1
82.30	0.19	79.70	0.00	Orifice - 1
82.40	0.20	79.70	0.00	Orifice - 1
82.50	0.20	79.70	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.80	0.00	None Contributing
80.80	0.00	79.80	0.00	None Contributing
80.86	0.00	79.80	0.00	None Contributing
80.90	0.00	79.80	0.00	Orifice - 1
81.00	0.03	79.80	0.00	Orifice - 1
81.10	0.06	79.80	0.00	Orifice - 1
81.20	0.08	79.80	0.00	Orifice - 1
81.30	0.10	79.80	0.00	Orifice - 1
81.40	0.11	79.80	0.00	Orifice - 1
81.50	0.12	79.80	0.00	Orifice - 1
81.60	0.13	79.80	0.00	Orifice - 1
81.70	0.14	79.80	0.00	Orifice - 1
81.80	0.15	79.80	0.00	Orifice - 1
81.90	0.16	79.80	0.00	Orifice - 1
82.00	0.17	79.80	0.00	Orifice - 1
82.10	0.17	79.80	0.00	Orifice - 1
82.20	0.18	79.80	0.00	Orifice - 1
82.30	0.19	79.80	0.00	Orifice - 1
82.40	0.20	79.80	0.00	Orifice - 1
82.50	0.20	79.80	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.90	0.00	None Contributing
80.80	0.00	79.90	0.00	None Contributing
80.86	0.00	79.90	0.00	None Contributing
80.90	0.00	79.90	0.00	Orifice - 1
81.00	0.03	79.90	0.00	Orifice - 1
81.10	0.06	79.90	0.00	Orifice - 1
81.20	0.08	79.90	0.00	Orifice - 1
81.30	0.10	79.90	0.00	Orifice - 1
81.40	0.11	79.90	0.00	Orifice - 1
81.50	0.12	79.90	0.00	Orifice - 1
81.60	0.13	79.90	0.00	Orifice - 1
81.70	0.14	79.90	0.00	Orifice - 1
81.80	0.15	79.90	0.00	Orifice - 1
81.90	0.16	79.90	0.00	Orifice - 1
82.00	0.17	79.90	0.00	Orifice - 1
82.10	0.17	79.90	0.00	Orifice - 1
82.20	0.18	79.90	0.00	Orifice - 1
82.30	0.19	79.90	0.00	Orifice - 1
82.40	0.20	79.90	0.00	Orifice - 1
82.50	0.20	79.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.00	0.00	None Contributing
80.80	0.00	80.00	0.00	None Contributing
80.86	0.00	80.00	0.00	None Contributing
80.90	0.00	80.00	0.00	Orifice - 1
81.00	0.03	80.00	0.00	Orifice - 1
81.10	0.06	80.00	0.00	Orifice - 1
81.20	0.08	80.00	0.00	Orifice - 1
81.30	0.10	80.00	0.00	Orifice - 1
81.40	0.11	80.00	0.00	Orifice - 1
81.50	0.12	80.00	0.00	Orifice - 1
81.60	0.13	80.00	0.00	Orifice - 1
81.70	0.14	80.00	0.00	Orifice - 1
81.80	0.15	80.00	0.00	Orifice - 1
81.90	0.16	80.00	0.00	Orifice - 1
82.00	0.17	80.00	0.00	Orifice - 1
82.10	0.17	80.00	0.00	Orifice - 1
82.20	0.18	80.00	0.00	Orifice - 1
82.30	0.19	80.00	0.00	Orifice - 1
82.40	0.20	80.00	0.00	Orifice - 1
82.50	0.20	80.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.10	0.00	None Contributing
80.80	0.00	80.10	0.00	None Contributing
80.86	0.00	80.10	0.00	None Contributing
80.90	0.00	80.10	0.00	Orifice - 1
81.00	0.03	80.10	0.00	Orifice - 1
81.10	0.06	80.10	0.00	Orifice - 1
81.20	0.08	80.10	0.00	Orifice - 1
81.30	0.10	80.10	0.00	Orifice - 1
81.40	0.11	80.10	0.00	Orifice - 1
81.50	0.12	80.10	0.00	Orifice - 1
81.60	0.13	80.10	0.00	Orifice - 1
81.70	0.14	80.10	0.00	Orifice - 1
81.80	0.15	80.10	0.00	Orifice - 1
81.90	0.16	80.10	0.00	Orifice - 1
82.00	0.17	80.10	0.00	Orifice - 1
82.10	0.17	80.10	0.00	Orifice - 1
82.20	0.18	80.10	0.00	Orifice - 1
82.30	0.19	80.10	0.00	Orifice - 1
82.40	0.20	80.10	0.00	Orifice - 1
82.50	0.20	80.10	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.20	0.00	None Contributing
80.80	0.00	80.20	0.00	None Contributing
80.86	0.00	80.20	0.00	None Contributing
80.90	0.00	80.20	0.00	Orifice - 1
81.00	0.03	80.20	0.00	Orifice - 1
81.10	0.06	80.20	0.00	Orifice - 1
81.20	0.08	80.20	0.00	Orifice - 1
81.30	0.10	80.20	0.00	Orifice - 1
81.40	0.11	80.20	0.00	Orifice - 1
81.50	0.12	80.20	0.00	Orifice - 1
81.60	0.13	80.20	0.00	Orifice - 1
81.70	0.14	80.20	0.00	Orifice - 1
81.80	0.15	80.20	0.00	Orifice - 1
81.90	0.16	80.20	0.00	Orifice - 1
82.00	0.17	80.20	0.00	Orifice - 1
82.10	0.17	80.20	0.00	Orifice - 1
82.20	0.18	80.20	0.00	Orifice - 1
82.30	0.19	80.20	0.00	Orifice - 1
82.40	0.20	80.20	0.00	Orifice - 1
82.50	0.20	80.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.30	0.00	None Contributing
80.80	0.00	80.30	0.00	None Contributing
80.86	0.00	80.30	0.00	None Contributing
80.90	0.00	80.30	0.00	Orifice - 1
81.00	0.03	80.30	0.00	Orifice - 1
81.10	0.06	80.30	0.00	Orifice - 1
81.20	0.08	80.30	0.00	Orifice - 1
81.30	0.10	80.30	0.00	Orifice - 1
81.40	0.11	80.30	0.00	Orifice - 1
81.50	0.12	80.30	0.00	Orifice - 1
81.60	0.13	80.30	0.00	Orifice - 1
81.70	0.14	80.30	0.00	Orifice - 1
81.80	0.15	80.30	0.00	Orifice - 1
81.90	0.16	80.30	0.00	Orifice - 1
82.00	0.17	80.30	0.00	Orifice - 1
82.10	0.17	80.30	0.00	Orifice - 1
82.20	0.18	80.30	0.00	Orifice - 1
82.30	0.19	80.30	0.00	Orifice - 1
82.40	0.20	80.30	0.00	Orifice - 1
82.50	0.20	80.30	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.40	0.00	None Contributing
80.80	0.00	80.40	0.00	None Contributing
80.86	0.00	80.40	0.00	None Contributing
80.90	0.00	80.40	0.00	Orifice - 1
81.00	0.03	80.40	0.00	Orifice - 1
81.10	0.06	80.40	0.00	Orifice - 1
81.20	0.08	80.40	0.00	Orifice - 1
81.30	0.10	80.40	0.00	Orifice - 1
81.40	0.11	80.40	0.00	Orifice - 1
81.50	0.12	80.40	0.00	Orifice - 1
81.60	0.13	80.40	0.00	Orifice - 1
81.70	0.14	80.40	0.00	Orifice - 1
81.80	0.15	80.40	0.00	Orifice - 1
81.90	0.16	80.40	0.00	Orifice - 1
82.00	0.17	80.40	0.00	Orifice - 1
82.10	0.17	80.40	0.00	Orifice - 1
82.20	0.18	80.40	0.00	Orifice - 1
82.30	0.19	80.40	0.00	Orifice - 1
82.40	0.20	80.40	0.00	Orifice - 1
82.50	0.20	80.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.50	0.00	None Contributing
80.80	0.00	80.50	0.00	None Contributing
80.86	0.00	80.50	0.00	None Contributing
80.90	0.00	80.50	0.00	Orifice - 1
81.00	0.03	80.50	0.00	Orifice - 1
81.10	0.06	80.50	0.00	Orifice - 1
81.20	0.08	80.50	0.00	Orifice - 1
81.30	0.10	80.50	0.00	Orifice - 1
81.40	0.11	80.50	0.00	Orifice - 1
81.50	0.12	80.50	0.00	Orifice - 1
81.60	0.13	80.50	0.00	Orifice - 1
81.70	0.14	80.50	0.00	Orifice - 1
81.80	0.15	80.50	0.00	Orifice - 1
81.90	0.16	80.50	0.00	Orifice - 1
82.00	0.17	80.50	0.00	Orifice - 1
82.10	0.17	80.50	0.00	Orifice - 1
82.20	0.18	80.50	0.00	Orifice - 1
82.30	0.19	80.50	0.00	Orifice - 1
82.40	0.20	80.50	0.00	Orifice - 1
82.50	0.20	80.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.60	0.00	None Contributing
80.80	0.00	80.60	0.00	None Contributing
80.86	0.00	80.60	0.00	None Contributing
80.90	0.00	80.60	0.00	Orifice - 1
81.00	0.03	80.60	0.00	Orifice - 1
81.10	0.06	80.60	0.00	Orifice - 1
81.20	0.08	80.60	0.00	Orifice - 1
81.30	0.10	80.60	0.00	Orifice - 1
81.40	0.11	80.60	0.00	Orifice - 1
81.50	0.12	80.60	0.00	Orifice - 1
81.60	0.13	80.60	0.00	Orifice - 1
81.70	0.14	80.60	0.00	Orifice - 1
81.80	0.15	80.60	0.00	Orifice - 1
81.90	0.16	80.60	0.00	Orifice - 1
82.00	0.17	80.60	0.00	Orifice - 1
82.10	0.17	80.60	0.00	Orifice - 1
82.20	0.18	80.60	0.00	Orifice - 1
82.30	0.19	80.60	0.00	Orifice - 1
82.40	0.20	80.60	0.00	Orifice - 1
82.50	0.20	80.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.70	0.00	None Contributing
80.80	0.00	80.70	0.00	None Contributing
80.86	0.00	80.70	0.00	None Contributing
80.90	0.00	80.70	0.00	Orifice - 1
81.00	0.03	80.70	0.00	Orifice - 1
81.10	0.06	80.70	0.00	Orifice - 1
81.20	0.08	80.70	0.00	Orifice - 1
81.30	0.10	80.70	0.00	Orifice - 1
81.40	0.11	80.70	0.00	Orifice - 1
81.50	0.12	80.70	0.00	Orifice - 1
81.60	0.13	80.70	0.00	Orifice - 1
81.70	0.14	80.70	0.00	Orifice - 1
81.80	0.15	80.70	0.00	Orifice - 1
81.90	0.16	80.70	0.00	Orifice - 1
82.00	0.17	80.70	0.00	Orifice - 1
82.10	0.17	80.70	0.00	Orifice - 1
82.20	0.18	80.70	0.00	Orifice - 1
82.30	0.19	80.70	0.00	Orifice - 1
82.40	0.20	80.70	0.00	Orifice - 1
82.50	0.20	80.70	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.80	0.00	Orifice - 1
80.80	0.00	80.80	0.00	None Contributing
80.86	0.00	80.80	0.00	None Contributing
80.90	0.00	80.80	0.00	Orifice - 1
81.00	0.03	80.80	0.00	Orifice - 1
81.10	0.06	80.80	0.00	Orifice - 1
81.20	0.08	80.80	0.00	Orifice - 1
81.30	0.10	80.80	0.00	Orifice - 1
81.40	0.11	80.80	0.00	Orifice - 1
81.50	0.12	80.80	0.00	Orifice - 1
81.60	0.13	80.80	0.00	Orifice - 1
81.70	0.14	80.80	0.00	Orifice - 1
81.80	0.15	80.80	0.00	Orifice - 1
81.90	0.16	80.80	0.00	Orifice - 1
82.00	0.17	80.80	0.00	Orifice - 1
82.10	0.17	80.80	0.00	Orifice - 1
82.20	0.18	80.80	0.00	Orifice - 1
82.30	0.19	80.80	0.00	Orifice - 1
82.40	0.20	80.80	0.00	Orifice - 1
82.50	0.20	80.80	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.86	0.00	Orifice - 1
80.80	0.00	80.86	0.00	Orifice - 1
80.86	0.00	80.86	0.00	None Contributing
80.90	0.00	80.86	0.00	Orifice - 1
81.00	0.03	80.86	0.00	Orifice - 1
81.10	0.06	80.86	0.00	Orifice - 1
81.20	0.08	80.86	0.00	Orifice - 1
81.30	0.10	80.86	0.00	Orifice - 1
81.40	0.11	80.86	0.00	Orifice - 1
81.50	0.12	80.86	0.00	Orifice - 1
81.60	0.13	80.86	0.00	Orifice - 1
81.70	0.14	80.86	0.00	Orifice - 1
81.80	0.15	80.86	0.00	Orifice - 1
81.90	0.16	80.86	0.00	Orifice - 1
82.00	0.17	80.86	0.00	Orifice - 1
82.10	0.17	80.86	0.00	Orifice - 1
82.20	0.18	80.86	0.00	Orifice - 1
82.30	0.19	80.86	0.00	Orifice - 1
82.40	0.20	80.86	0.00	Orifice - 1
82.50	0.20	80.86	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.90	0.00	Orifice - 1
80.80	0.00	80.90	0.00	Orifice - 1
80.86	0.00	80.90	0.00	Orifice - 1
80.90	0.00	80.90	0.00	Orifice - 1
81.00	0.03	80.90	0.00	Orifice - 1
81.10	0.06	80.90	0.00	Orifice - 1
81.20	0.08	80.90	0.00	Orifice - 1
81.30	0.10	80.90	0.00	Orifice - 1
81.40	0.11	80.90	0.00	Orifice - 1
81.50	0.12	80.90	0.00	Orifice - 1
81.60	0.13	80.90	0.00	Orifice - 1
81.70	0.14	80.90	0.00	Orifice - 1
81.80	0.15	80.90	0.00	Orifice - 1
81.90	0.16	80.90	0.00	Orifice - 1
82.00	0.17	80.90	0.00	Orifice - 1
82.10	0.17	80.90	0.00	Orifice - 1
82.20	0.18	80.90	0.00	Orifice - 1
82.30	0.19	80.90	0.00	Orifice - 1
82.40	0.20	80.90	0.00	Orifice - 1
82.50	0.20	80.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.00	0.00	Orifice - 1
80.80	0.00	81.00	0.00	Orifice - 1
80.86	0.00	81.00	0.00	Orifice - 1
80.90	0.00	81.00	0.00	Orifice - 1
81.00	0.00	81.00	0.00	Orifice - 1
81.10	0.05	81.00	0.00	Orifice - 1
81.20	0.07	81.00	0.00	Orifice - 1
81.30	0.09	81.00	0.00	Orifice - 1
81.40	0.10	81.00	0.00	Orifice - 1
81.50	0.12	81.00	0.00	Orifice - 1
81.60	0.13	81.00	0.00	Orifice - 1
81.70	0.14	81.00	0.00	Orifice - 1
81.80	0.15	81.00	0.00	Orifice - 1
81.90	0.16	81.00	0.00	Orifice - 1
82.00	0.16	81.00	0.00	Orifice - 1
82.10	0.17	81.00	0.00	Orifice - 1
82.20	0.18	81.00	0.00	Orifice - 1
82.30	0.19	81.00	0.00	Orifice - 1
82.40	0.19	81.00	0.00	Orifice - 1
82.50	0.20	81.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.10	0.00	Orifice - 1
80.80	0.00	81.10	0.00	Orifice - 1
80.86	0.00	81.10	0.00	Orifice - 1
80.90	0.00	81.10	0.00	Orifice - 1
81.00	0.00	81.10	0.00	Orifice - 1
81.10	0.00	81.10	0.00	Orifice - 1
81.20	0.05	81.10	0.00	Orifice - 1
81.30	0.07	81.10	0.00	Orifice - 1
81.40	0.09	81.10	0.00	Orifice - 1
81.50	0.10	81.10	0.00	Orifice - 1
81.60	0.12	81.10	0.00	Orifice - 1
81.70	0.13	81.10	0.00	Orifice - 1
81.80	0.14	81.10	0.00	Orifice - 1
81.90	0.15	81.10	0.00	Orifice - 1
82.00	0.16	81.10	0.00	Orifice - 1
82.10	0.16	81.10	0.00	Orifice - 1
82.20	0.17	81.10	0.00	Orifice - 1
82.30	0.18	81.10	0.00	Orifice - 1
82.40	0.19	81.10	0.00	Orifice - 1
82.50	0.19	81.10	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.20	0.00	Orifice - 1
80.80	0.00	81.20	0.00	Orifice - 1
80.86	0.00	81.20	0.00	Orifice - 1
80.90	0.00	81.20	0.00	Orifice - 1
81.00	0.00	81.20	0.00	Orifice - 1
81.10	0.00	81.20	0.00	Orifice - 1
81.20	0.00	81.20	0.00	Orifice - 1
81.30	0.05	81.20	0.00	Orifice - 1
81.40	0.07	81.20	0.00	Orifice - 1
81.50	0.09	81.20	0.00	Orifice - 1
81.60	0.10	81.20	0.00	Orifice - 1
81.70	0.12	81.20	0.00	Orifice - 1
81.80	0.13	81.20	0.00	Orifice - 1
81.90	0.14	81.20	0.00	Orifice - 1
82.00	0.15	81.20	0.00	Orifice - 1
82.10	0.16	81.20	0.00	Orifice - 1
82.20	0.16	81.20	0.00	Orifice - 1
82.30	0.17	81.20	0.00	Orifice - 1
82.40	0.18	81.20	0.00	Orifice - 1
82.50	0.19	81.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.30	0.00	Orifice - 1
80.80	0.00	81.30	0.00	Orifice - 1
80.86	0.00	81.30	0.00	Orifice - 1
80.90	0.00	81.30	0.00	Orifice - 1
81.00	0.00	81.30	0.00	Orifice - 1
81.10	0.00	81.30	0.00	Orifice - 1
81.20	0.00	81.30	0.00	Orifice - 1
81.30	0.00	81.30	0.00	Orifice - 1
81.40	0.05	81.30	0.00	Orifice - 1
81.50	0.07	81.30	0.00	Orifice - 1
81.60	0.09	81.30	0.00	Orifice - 1
81.70	0.10	81.30	0.00	Orifice - 1
81.80	0.12	81.30	0.00	Orifice - 1
81.90	0.13	81.30	0.00	Orifice - 1
82.00	0.14	81.30	0.00	Orifice - 1
82.10	0.15	81.30	0.00	Orifice - 1
82.20	0.16	81.30	0.00	Orifice - 1
82.30	0.16	81.30	0.00	Orifice - 1
82.40	0.17	81.30	0.00	Orifice - 1
82.50	0.18	81.30	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.40	0.00	Orifice - 1
80.80	0.00	81.40	0.00	Orifice - 1
80.86	0.00	81.40	0.00	Orifice - 1
80.90	0.00	81.40	0.00	Orifice - 1
81.00	0.00	81.40	0.00	Orifice - 1
81.10	0.00	81.40	0.00	Orifice - 1
81.20	0.00	81.40	0.00	Orifice - 1
81.30	0.00	81.40	0.00	Orifice - 1
81.40	0.00	81.40	0.00	Orifice - 1
81.50	0.05	81.40	0.00	Orifice - 1
81.60	0.07	81.40	0.00	Orifice - 1
81.70	0.09	81.40	0.00	Orifice - 1
81.80	0.10	81.40	0.00	Orifice - 1
81.90	0.12	81.40	0.00	Orifice - 1
82.00	0.13	81.40	0.00	Orifice - 1
82.10	0.14	81.40	0.00	Orifice - 1
82.20	0.15	81.40	0.00	Orifice - 1
82.30	0.16	81.40	0.00	Orifice - 1
82.40	0.16	81.40	0.00	Orifice - 1
82.50	0.17	81.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.50	0.00	Orifice - 1
80.80	0.00	81.50	0.00	Orifice - 1
80.86	0.00	81.50	0.00	Orifice - 1
80.90	0.00	81.50	0.00	Orifice - 1
81.00	0.00	81.50	0.00	Orifice - 1
81.10	0.00	81.50	0.00	Orifice - 1
81.20	0.00	81.50	0.00	Orifice - 1
81.30	0.00	81.50	0.00	Orifice - 1
81.40	0.00	81.50	0.00	Orifice - 1
81.50	0.00	81.50	0.00	Orifice - 1
81.60	0.05	81.50	0.00	Orifice - 1
81.70	0.07	81.50	0.00	Orifice - 1
81.80	0.09	81.50	0.00	Orifice - 1
81.90	0.10	81.50	0.00	Orifice - 1
82.00	0.12	81.50	0.00	Orifice - 1
82.10	0.13	81.50	0.00	Orifice - 1
82.20	0.14	81.50	0.00	Orifice - 1
82.30	0.15	81.50	0.00	Orifice - 1
82.40	0.16	81.50	0.00	Orifice - 1
82.50	0.16	81.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.50	0.00	None Contributing
78.60	0.00	78.50	0.00	None Contributing
78.70	0.00	78.50	0.00	None Contributing
78.80	0.00	78.50	0.00	None Contributing
78.90	0.00	78.50	0.00	None Contributing
79.00	0.00	78.50	0.00	None Contributing
79.10	0.00	78.50	0.00	None Contributing
79.20	0.00	78.50	0.00	None Contributing
79.30	0.00	78.50	0.00	None Contributing
79.40	0.00	78.50	0.00	None Contributing
79.50	0.00	78.50	0.00	Weir - 1
79.60	0.38	78.50	0.00	Weir - 1
79.70	1.07	78.50	0.00	Weir - 1
79.80	1.97	78.50	0.00	Weir - 1
79.90	3.04	78.50	0.00	Weir - 1
80.00	4.24	78.50	0.00	Weir - 1
80.10	5.58	78.50	0.00	Weir - 1
80.20	7.03	78.50	0.00	Weir - 1
80.30	8.59	78.50	0.00	Weir - 1
80.40	10.25	78.50	0.00	Weir - 1
80.50	12.00	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.60	0.00	Weir - 1
78.60	0.00	78.60	0.00	None Contributing
78.70	0.00	78.60	0.00	None Contributing
78.80	0.00	78.60	0.00	None Contributing
78.90	0.00	78.60	0.00	None Contributing
79.00	0.00	78.60	0.00	None Contributing
79.10	0.00	78.60	0.00	None Contributing
79.20	0.00	78.60	0.00	None Contributing
79.30	0.00	78.60	0.00	None Contributing
79.40	0.00	78.60	0.00	None Contributing
79.50	0.00	78.60	0.00	Weir - 1
79.60	0.38	78.60	0.00	Weir - 1
79.70	1.07	78.60	0.00	Weir - 1
79.80	1.97	78.60	0.00	Weir - 1
79.90	3.04	78.60	0.00	Weir - 1
80.00	4.24	78.60	0.00	Weir - 1
80.10	5.58	78.60	0.00	Weir - 1
80.20	7.03	78.60	0.00	Weir - 1
80.30	8.59	78.60	0.00	Weir - 1
80.40	10.25	78.60	0.00	Weir - 1
80.50	12.00	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.70	0.00	Weir - 1
78.60	0.00	78.70	0.00	Weir - 1
78.70	0.00	78.70	0.00	None Contributing
78.80	0.00	78.70	0.00	None Contributing
78.90	0.00	78.70	0.00	None Contributing
79.00	0.00	78.70	0.00	None Contributing
79.10	0.00	78.70	0.00	None Contributing
79.20	0.00	78.70	0.00	None Contributing
79.30	0.00	78.70	0.00	None Contributing
79.40	0.00	78.70	0.00	None Contributing
79.50	0.00	78.70	0.00	Weir - 1
79.60	0.38	78.70	0.00	Weir - 1
79.70	1.07	78.70	0.00	Weir - 1
79.80	1.97	78.70	0.00	Weir - 1
79.90	3.04	78.70	0.00	Weir - 1
80.00	4.24	78.70	0.00	Weir - 1
80.10	5.58	78.70	0.00	Weir - 1
80.20	7.03	78.70	0.00	Weir - 1
80.30	8.59	78.70	0.00	Weir - 1
80.40	10.25	78.70	0.00	Weir - 1
80.50	12.00	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.80	0.00	Weir - 1
78.60	0.00	78.80	0.00	Weir - 1
78.70	0.00	78.80	0.00	Weir - 1
78.80	0.00	78.80	0.00	None Contributing
78.90	0.00	78.80	0.00	None Contributing
79.00	0.00	78.80	0.00	None Contributing
79.10	0.00	78.80	0.00	None Contributing
79.20	0.00	78.80	0.00	None Contributing
79.30	0.00	78.80	0.00	None Contributing
79.40	0.00	78.80	0.00	None Contributing
79.50	0.00	78.80	0.00	Weir - 1
79.60	0.38	78.80	0.00	Weir - 1
79.70	1.07	78.80	0.00	Weir - 1
79.80	1.97	78.80	0.00	Weir - 1
79.90	3.04	78.80	0.00	Weir - 1
80.00	4.24	78.80	0.00	Weir - 1
80.10	5.58	78.80	0.00	Weir - 1
80.20	7.03	78.80	0.00	Weir - 1
80.30	8.59	78.80	0.00	Weir - 1
80.40	10.25	78.80	0.00	Weir - 1
80.50	12.00	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.90	0.00	Weir - 1
78.60	0.00	78.90	0.00	Weir - 1
78.70	0.00	78.90	0.00	Weir - 1
78.80	0.00	78.90	0.00	Weir - 1
78.90	0.00	78.90	0.00	None Contributing
79.00	0.00	78.90	0.00	None Contributing
79.10	0.00	78.90	0.00	None Contributing
79.20	0.00	78.90	0.00	None Contributing
79.30	0.00	78.90	0.00	None Contributing
79.40	0.00	78.90	0.00	None Contributing
79.50	0.00	78.90	0.00	Weir - 1
79.60	0.38	78.90	0.00	Weir - 1
79.70	1.07	78.90	0.00	Weir - 1
79.80	1.97	78.90	0.00	Weir - 1
79.90	3.04	78.90	0.00	Weir - 1
80.00	4.24	78.90	0.00	Weir - 1
80.10	5.58	78.90	0.00	Weir - 1
80.20	7.03	78.90	0.00	Weir - 1
80.30	8.59	78.90	0.00	Weir - 1
80.40	10.25	78.90	0.00	Weir - 1
80.50	12.00	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.00	0.00	Weir - 1
78.60	0.00	79.00	0.00	Weir - 1
78.70	0.00	79.00	0.00	Weir - 1
78.80	0.00	79.00	0.00	Weir - 1
78.90	0.00	79.00	0.00	Weir - 1
79.00	0.00	79.00	0.00	None Contributing
79.10	0.00	79.00	0.00	None Contributing
79.20	0.00	79.00	0.00	None Contributing
79.30	0.00	79.00	0.00	None Contributing
79.40	0.00	79.00	0.00	None Contributing
79.50	0.00	79.00	0.00	Weir - 1
79.60	0.38	79.00	0.00	Weir - 1
79.70	1.07	79.00	0.00	Weir - 1
79.80	1.97	79.00	0.00	Weir - 1
79.90	3.04	79.00	0.00	Weir - 1
80.00	4.24	79.00	0.00	Weir - 1
80.10	5.58	79.00	0.00	Weir - 1
80.20	7.03	79.00	0.00	Weir - 1
80.30	8.59	79.00	0.00	Weir - 1
80.40	10.25	79.00	0.00	Weir - 1
80.50	12.00	79.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.10	0.00	Weir - 1
78.60	0.00	79.10	0.00	Weir - 1
78.70	0.00	79.10	0.00	Weir - 1
78.80	0.00	79.10	0.00	Weir - 1
78.90	0.00	79.10	0.00	Weir - 1
79.00	0.00	79.10	0.00	Weir - 1
79.10	0.00	79.10	0.00	None Contributing
79.20	0.00	79.10	0.00	None Contributing
79.30	0.00	79.10	0.00	None Contributing
79.40	0.00	79.10	0.00	None Contributing
79.50	0.00	79.10	0.00	Weir - 1
79.60	0.38	79.10	0.00	Weir - 1
79.70	1.07	79.10	0.00	Weir - 1
79.80	1.97	79.10	0.00	Weir - 1
79.90	3.04	79.10	0.00	Weir - 1
80.00	4.24	79.10	0.00	Weir - 1
80.10	5.58	79.10	0.00	Weir - 1
80.20	7.03	79.10	0.00	Weir - 1
80.30	8.59	79.10	0.00	Weir - 1
80.40	10.25	79.10	0.00	Weir - 1
80.50	12.00	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.20	0.00	Weir - 1
78.60	0.00	79.20	0.00	Weir - 1
78.70	0.00	79.20	0.00	Weir - 1
78.80	0.00	79.20	0.00	Weir - 1
78.90	0.00	79.20	0.00	Weir - 1
79.00	0.00	79.20	0.00	Weir - 1
79.10	0.00	79.20	0.00	Weir - 1
79.20	0.00	79.20	0.00	None Contributing
79.30	0.00	79.20	0.00	None Contributing
79.40	0.00	79.20	0.00	None Contributing
79.50	0.00	79.20	0.00	Weir - 1
79.60	0.38	79.20	0.00	Weir - 1
79.70	1.07	79.20	0.00	Weir - 1
79.80	1.97	79.20	0.00	Weir - 1
79.90	3.04	79.20	0.00	Weir - 1
80.00	4.24	79.20	0.00	Weir - 1
80.10	5.58	79.20	0.00	Weir - 1
80.20	7.03	79.20	0.00	Weir - 1
80.30	8.59	79.20	0.00	Weir - 1
80.40	10.25	79.20	0.00	Weir - 1
80.50	12.00	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.30	0.00	Weir - 1
78.60	0.00	79.30	0.00	Weir - 1
78.70	0.00	79.30	0.00	Weir - 1
78.80	0.00	79.30	0.00	Weir - 1
78.90	0.00	79.30	0.00	Weir - 1
79.00	0.00	79.30	0.00	Weir - 1
79.10	0.00	79.30	0.00	Weir - 1
79.20	0.00	79.30	0.00	Weir - 1
79.30	0.00	79.30	0.00	None Contributing
79.40	0.00	79.30	0.00	None Contributing
79.50	0.00	79.30	0.00	Weir - 1
79.60	0.38	79.30	0.00	Weir - 1
79.70	1.07	79.30	0.00	Weir - 1
79.80	1.97	79.30	0.00	Weir - 1
79.90	3.04	79.30	0.00	Weir - 1
80.00	4.24	79.30	0.00	Weir - 1
80.10	5.58	79.30	0.00	Weir - 1
80.20	7.03	79.30	0.00	Weir - 1
80.30	8.59	79.30	0.00	Weir - 1
80.40	10.25	79.30	0.00	Weir - 1
80.50	12.00	79.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.40	0.00	Weir - 1
78.60	0.00	79.40	0.00	Weir - 1
78.70	0.00	79.40	0.00	Weir - 1
78.80	0.00	79.40	0.00	Weir - 1
78.90	0.00	79.40	0.00	Weir - 1
79.00	0.00	79.40	0.00	Weir - 1
79.10	0.00	79.40	0.00	Weir - 1
79.20	0.00	79.40	0.00	Weir - 1
79.30	0.00	79.40	0.00	Weir - 1
79.40	0.00	79.40	0.00	None Contributing
79.50	0.00	79.40	0.00	Weir - 1
79.60	0.38	79.40	0.00	Weir - 1
79.70	1.07	79.40	0.00	Weir - 1
79.80	1.97	79.40	0.00	Weir - 1
79.90	3.04	79.40	0.00	Weir - 1
80.00	4.24	79.40	0.00	Weir - 1
80.10	5.58	79.40	0.00	Weir - 1
80.20	7.03	79.40	0.00	Weir - 1
80.30	8.59	79.40	0.00	Weir - 1
80.40	10.25	79.40	0.00	Weir - 1
80.50	12.00	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.50	0.00	Weir - 1
78.60	0.00	79.50	0.00	Weir - 1
78.70	0.00	79.50	0.00	Weir - 1
78.80	0.00	79.50	0.00	Weir - 1
78.90	0.00	79.50	0.00	Weir - 1
79.00	0.00	79.50	0.00	Weir - 1
79.10	0.00	79.50	0.00	Weir - 1
79.20	0.00	79.50	0.00	Weir - 1
79.30	0.00	79.50	0.00	Weir - 1
79.40	0.00	79.50	0.00	Weir - 1
79.50	0.00	79.50	0.00	Weir - 1
79.60	0.38	79.50	0.00	Weir - 1
79.70	1.07	79.50	0.00	Weir - 1
79.80	1.97	79.50	0.00	Weir - 1
79.90	3.04	79.50	0.00	Weir - 1
80.00	4.24	79.50	0.00	Weir - 1
80.10	5.58	79.50	0.00	Weir - 1
80.20	7.03	79.50	0.00	Weir - 1
80.30	8.59	79.50	0.00	Weir - 1
80.40	10.25	79.50	0.00	Weir - 1
80.50	12.00	79.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.60	0.00	Weir - 1
78.60	0.00	79.60	0.00	Weir - 1
78.70	0.00	79.60	0.00	Weir - 1
78.80	0.00	79.60	0.00	Weir - 1
78.90	0.00	79.60	0.00	Weir - 1
79.00	0.00	79.60	0.00	Weir - 1
79.10	0.00	79.60	0.00	Weir - 1
79.20	0.00	79.60	0.00	Weir - 1
79.30	0.00	79.60	0.00	Weir - 1
79.40	0.00	79.60	0.00	Weir - 1
79.50	0.00	79.60	0.00	Weir - 1
79.60	0.00	79.60	0.00	Weir - 1
79.70	0.91	79.60	0.00	Weir - 1
79.80	1.82	79.60	0.00	Weir - 1
79.90	2.88	79.60	0.00	Weir - 1
80.00	4.09	79.60	0.00	Weir - 1
80.10	5.43	79.60	0.00	Weir - 1
80.20	6.88	79.60	0.00	Weir - 1
80.30	8.44	79.60	0.00	Weir - 1
80.40	10.10	79.60	0.00	Weir - 1
80.50	11.85	79.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.70	0.00	Weir - 1
78.60	0.00	79.70	0.00	Weir - 1
78.70	0.00	79.70	0.00	Weir - 1
78.80	0.00	79.70	0.00	Weir - 1
78.90	0.00	79.70	0.00	Weir - 1
79.00	0.00	79.70	0.00	Weir - 1
79.10	0.00	79.70	0.00	Weir - 1
79.20	0.00	79.70	0.00	Weir - 1
79.30	0.00	79.70	0.00	Weir - 1
79.40	0.00	79.70	0.00	Weir - 1
79.50	0.00	79.70	0.00	Weir - 1
79.60	0.00	79.70	0.00	Weir - 1
79.70	0.00	79.70	0.00	Weir - 1
79.80	1.46	79.70	0.00	Weir - 1
79.90	2.57	79.70	0.00	Weir - 1
80.00	3.79	79.70	0.00	Weir - 1
80.10	5.14	79.70	0.00	Weir - 1
80.20	6.59	79.70	0.00	Weir - 1
80.30	8.16	79.70	0.00	Weir - 1
80.40	9.82	79.70	0.00	Weir - 1
80.50	11.57	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.80	0.00	Weir - 1
78.60	0.00	79.80	0.00	Weir - 1
78.70	0.00	79.80	0.00	Weir - 1
78.80	0.00	79.80	0.00	Weir - 1
78.90	0.00	79.80	0.00	Weir - 1
79.00	0.00	79.80	0.00	Weir - 1
79.10	0.00	79.80	0.00	Weir - 1
79.20	0.00	79.80	0.00	Weir - 1
79.30	0.00	79.80	0.00	Weir - 1
79.40	0.00	79.80	0.00	Weir - 1
79.50	0.00	79.80	0.00	Weir - 1
79.60	0.00	79.80	0.00	Weir - 1
79.70	0.00	79.80	0.00	Weir - 1
79.80	0.00	79.80	0.00	Weir - 1
79.90	2.03	79.80	0.00	Weir - 1
80.00	3.34	79.80	0.00	Weir - 1
80.10	4.71	79.80	0.00	Weir - 1
80.20	6.19	79.80	0.00	Weir - 1
80.30	7.77	79.80	0.00	Weir - 1
80.40	9.44	79.80	0.00	Weir - 1
80.50	11.20	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.90	0.00	Weir - 1
78.60	0.00	79.90	0.00	Weir - 1
78.70	0.00	79.90	0.00	Weir - 1
78.80	0.00	79.90	0.00	Weir - 1
78.90	0.00	79.90	0.00	Weir - 1
79.00	0.00	79.90	0.00	Weir - 1
79.10	0.00	79.90	0.00	Weir - 1
79.20	0.00	79.90	0.00	Weir - 1
79.30	0.00	79.90	0.00	Weir - 1
79.40	0.00	79.90	0.00	Weir - 1
79.50	0.00	79.90	0.00	Weir - 1
79.60	0.00	79.90	0.00	Weir - 1
79.70	0.00	79.90	0.00	Weir - 1
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	Weir - 1
80.00	2.61	79.90	0.00	Weir - 1
80.10	4.12	79.90	0.00	Weir - 1
80.20	5.65	79.90	0.00	Weir - 1
80.30	7.26	79.90	0.00	Weir - 1
80.40	8.95	79.90	0.00	Weir - 1
80.50	10.73	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.00	0.00	Weir - 1
78.60	0.00	80.00	0.00	Weir - 1
78.70	0.00	80.00	0.00	Weir - 1
78.80	0.00	80.00	0.00	Weir - 1
78.90	0.00	80.00	0.00	Weir - 1
79.00	0.00	80.00	0.00	Weir - 1
79.10	0.00	80.00	0.00	Weir - 1
79.20	0.00	80.00	0.00	Weir - 1
79.30	0.00	80.00	0.00	Weir - 1
79.40	0.00	80.00	0.00	Weir - 1
79.50	0.00	80.00	0.00	Weir - 1
79.60	0.00	80.00	0.00	Weir - 1
79.70	0.00	80.00	0.00	Weir - 1
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	Weir - 1
80.10	3.22	80.00	0.00	Weir - 1
80.20	4.92	80.00	0.00	Weir - 1
80.30	6.61	80.00	0.00	Weir - 1
80.40	8.34	80.00	0.00	Weir - 1
80.50	10.14	80.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.10	0.00	Weir - 1
78.60	0.00	80.10	0.00	Weir - 1
78.70	0.00	80.10	0.00	Weir - 1
78.80	0.00	80.10	0.00	Weir - 1
78.90	0.00	80.10	0.00	Weir - 1
79.00	0.00	80.10	0.00	Weir - 1
79.10	0.00	80.10	0.00	Weir - 1
79.20	0.00	80.10	0.00	Weir - 1
79.30	0.00	80.10	0.00	Weir - 1
79.40	0.00	80.10	0.00	Weir - 1
79.50	0.00	80.10	0.00	Weir - 1
79.60	0.00	80.10	0.00	Weir - 1
79.70	0.00	80.10	0.00	Weir - 1
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	Weir - 1
80.20	3.83	80.10	0.00	Weir - 1
80.30	5.73	80.10	0.00	Weir - 1
80.40	7.57	80.10	0.00	Weir - 1
80.50	9.43	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.20	0.00	Weir - 1
78.60	0.00	80.20	0.00	Weir - 1
78.70	0.00	80.20	0.00	Weir - 1
78.80	0.00	80.20	0.00	Weir - 1
78.90	0.00	80.20	0.00	Weir - 1
79.00	0.00	80.20	0.00	Weir - 1
79.10	0.00	80.20	0.00	Weir - 1
79.20	0.00	80.20	0.00	Weir - 1
79.30	0.00	80.20	0.00	Weir - 1
79.40	0.00	80.20	0.00	Weir - 1
79.50	0.00	80.20	0.00	Weir - 1
79.60	0.00	80.20	0.00	Weir - 1
79.70	0.00	80.20	0.00	Weir - 1
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	Weir - 1
80.30	4.45	80.20	0.00	Weir - 1
80.40	6.56	80.20	0.00	Weir - 1
80.50	8.55	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.30	0.00	Weir - 1
78.60	0.00	80.30	0.00	Weir - 1
78.70	0.00	80.30	0.00	Weir - 1
78.80	0.00	80.30	0.00	Weir - 1
78.90	0.00	80.30	0.00	Weir - 1
79.00	0.00	80.30	0.00	Weir - 1
79.10	0.00	80.30	0.00	Weir - 1
79.20	0.00	80.30	0.00	Weir - 1
79.30	0.00	80.30	0.00	Weir - 1
79.40	0.00	80.30	0.00	Weir - 1
79.50	0.00	80.30	0.00	Weir - 1
79.60	0.00	80.30	0.00	Weir - 1
79.70	0.00	80.30	0.00	Weir - 1
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	Weir - 1
80.40	5.08	80.30	0.00	Weir - 1
80.50	7.40	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.40	0.00	Weir - 1
78.60	0.00	80.40	0.00	Weir - 1
78.70	0.00	80.40	0.00	Weir - 1
78.80	0.00	80.40	0.00	Weir - 1
78.90	0.00	80.40	0.00	Weir - 1
79.00	0.00	80.40	0.00	Weir - 1
79.10	0.00	80.40	0.00	Weir - 1
79.20	0.00	80.40	0.00	Weir - 1
79.30	0.00	80.40	0.00	Weir - 1
79.40	0.00	80.40	0.00	Weir - 1
79.50	0.00	80.40	0.00	Weir - 1
79.60	0.00	80.40	0.00	Weir - 1
79.70	0.00	80.40	0.00	Weir - 1
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	Weir - 1
80.50	5.72	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.50	0.00	Weir - 1
78.60	0.00	80.50	0.00	Weir - 1
78.70	0.00	80.50	0.00	Weir - 1
78.80	0.00	80.50	0.00	Weir - 1
78.90	0.00	80.50	0.00	Weir - 1
79.00	0.00	80.50	0.00	Weir - 1
79.10	0.00	80.50	0.00	Weir - 1
79.20	0.00	80.50	0.00	Weir - 1
79.30	0.00	80.50	0.00	Weir - 1
79.40	0.00	80.50	0.00	Weir - 1
79.50	0.00	80.50	0.00	Weir - 1
79.60	0.00	80.50	0.00	Weir - 1
79.70	0.00	80.50	0.00	Weir - 1
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.60	0.00	Weir - 1
78.60	0.00	80.60	0.00	Weir - 1
78.70	0.00	80.60	0.00	Weir - 1
78.80	0.00	80.60	0.00	Weir - 1
78.90	0.00	80.60	0.00	Weir - 1
79.00	0.00	80.60	0.00	Weir - 1
79.10	0.00	80.60	0.00	Weir - 1
79.20	0.00	80.60	0.00	Weir - 1
79.30	0.00	80.60	0.00	Weir - 1
79.40	0.00	80.60	0.00	Weir - 1
79.50	0.00	80.60	0.00	Weir - 1
79.60	0.00	80.60	0.00	Weir - 1
79.70	0.00	80.60	0.00	Weir - 1
79.80	0.00	80.60	0.00	Weir - 1
79.90	0.00	80.60	0.00	Weir - 1
80.00	0.00	80.60	0.00	Weir - 1
80.10	0.00	80.60	0.00	Weir - 1
80.20	0.00	80.60	0.00	Weir - 1
80.30	0.00	80.60	0.00	Weir - 1
80.40	0.00	80.60	0.00	Weir - 1
80.50	0.00	80.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.70	0.00	Weir - 1
78.60	0.00	80.70	0.00	Weir - 1
78.70	0.00	80.70	0.00	Weir - 1
78.80	0.00	80.70	0.00	Weir - 1
78.90	0.00	80.70	0.00	Weir - 1
79.00	0.00	80.70	0.00	Weir - 1
79.10	0.00	80.70	0.00	Weir - 1
79.20	0.00	80.70	0.00	Weir - 1
79.30	0.00	80.70	0.00	Weir - 1
79.40	0.00	80.70	0.00	Weir - 1
79.50	0.00	80.70	0.00	Weir - 1
79.60	0.00	80.70	0.00	Weir - 1
79.70	0.00	80.70	0.00	Weir - 1
79.80	0.00	80.70	0.00	Weir - 1
79.90	0.00	80.70	0.00	Weir - 1
80.00	0.00	80.70	0.00	Weir - 1
80.10	0.00	80.70	0.00	Weir - 1
80.20	0.00	80.70	0.00	Weir - 1
80.30	0.00	80.70	0.00	Weir - 1
80.40	0.00	80.70	0.00	Weir - 1
80.50	0.00	80.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.80	0.00	Weir - 1
78.60	0.00	80.80	0.00	Weir - 1
78.70	0.00	80.80	0.00	Weir - 1
78.80	0.00	80.80	0.00	Weir - 1
78.90	0.00	80.80	0.00	Weir - 1
79.00	0.00	80.80	0.00	Weir - 1
79.10	0.00	80.80	0.00	Weir - 1
79.20	0.00	80.80	0.00	Weir - 1
79.30	0.00	80.80	0.00	Weir - 1
79.40	0.00	80.80	0.00	Weir - 1
79.50	0.00	80.80	0.00	Weir - 1
79.60	0.00	80.80	0.00	Weir - 1
79.70	0.00	80.80	0.00	Weir - 1
79.80	0.00	80.80	0.00	Weir - 1
79.90	0.00	80.80	0.00	Weir - 1
80.00	0.00	80.80	0.00	Weir - 1
80.10	0.00	80.80	0.00	Weir - 1
80.20	0.00	80.80	0.00	Weir - 1
80.30	0.00	80.80	0.00	Weir - 1
80.40	0.00	80.80	0.00	Weir - 1
80.50	0.00	80.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.90	0.00	Weir - 1
78.60	0.00	80.90	0.00	Weir - 1
78.70	0.00	80.90	0.00	Weir - 1
78.80	0.00	80.90	0.00	Weir - 1
78.90	0.00	80.90	0.00	Weir - 1
79.00	0.00	80.90	0.00	Weir - 1
79.10	0.00	80.90	0.00	Weir - 1
79.20	0.00	80.90	0.00	Weir - 1
79.30	0.00	80.90	0.00	Weir - 1
79.40	0.00	80.90	0.00	Weir - 1
79.50	0.00	80.90	0.00	Weir - 1
79.60	0.00	80.90	0.00	Weir - 1
79.70	0.00	80.90	0.00	Weir - 1
79.80	0.00	80.90	0.00	Weir - 1
79.90	0.00	80.90	0.00	Weir - 1
80.00	0.00	80.90	0.00	Weir - 1
80.10	0.00	80.90	0.00	Weir - 1
80.20	0.00	80.90	0.00	Weir - 1
80.30	0.00	80.90	0.00	Weir - 1
80.40	0.00	80.90	0.00	Weir - 1
80.50	0.00	80.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.00	0.00	Weir - 1
78.60	0.00	81.00	0.00	Weir - 1
78.70	0.00	81.00	0.00	Weir - 1
78.80	0.00	81.00	0.00	Weir - 1
78.90	0.00	81.00	0.00	Weir - 1
79.00	0.00	81.00	0.00	Weir - 1
79.10	0.00	81.00	0.00	Weir - 1
79.20	0.00	81.00	0.00	Weir - 1
79.30	0.00	81.00	0.00	Weir - 1
79.40	0.00	81.00	0.00	Weir - 1
79.50	0.00	81.00	0.00	Weir - 1
79.60	0.00	81.00	0.00	Weir - 1
79.70	0.00	81.00	0.00	Weir - 1
79.80	0.00	81.00	0.00	Weir - 1
79.90	0.00	81.00	0.00	Weir - 1
80.00	0.00	81.00	0.00	Weir - 1
80.10	0.00	81.00	0.00	Weir - 1
80.20	0.00	81.00	0.00	Weir - 1
80.30	0.00	81.00	0.00	Weir - 1
80.40	0.00	81.00	0.00	Weir - 1
80.50	0.00	81.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.10	0.00	Weir - 1
78.60	0.00	81.10	0.00	Weir - 1
78.70	0.00	81.10	0.00	Weir - 1
78.80	0.00	81.10	0.00	Weir - 1
78.90	0.00	81.10	0.00	Weir - 1
79.00	0.00	81.10	0.00	Weir - 1
79.10	0.00	81.10	0.00	Weir - 1
79.20	0.00	81.10	0.00	Weir - 1
79.30	0.00	81.10	0.00	Weir - 1
79.40	0.00	81.10	0.00	Weir - 1
79.50	0.00	81.10	0.00	Weir - 1
79.60	0.00	81.10	0.00	Weir - 1
79.70	0.00	81.10	0.00	Weir - 1
79.80	0.00	81.10	0.00	Weir - 1
79.90	0.00	81.10	0.00	Weir - 1
80.00	0.00	81.10	0.00	Weir - 1
80.10	0.00	81.10	0.00	Weir - 1
80.20	0.00	81.10	0.00	Weir - 1
80.30	0.00	81.10	0.00	Weir - 1
80.40	0.00	81.10	0.00	Weir - 1
80.50	0.00	81.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.20	0.00	Weir - 1
78.60	0.00	81.20	0.00	Weir - 1
78.70	0.00	81.20	0.00	Weir - 1
78.80	0.00	81.20	0.00	Weir - 1
78.90	0.00	81.20	0.00	Weir - 1
79.00	0.00	81.20	0.00	Weir - 1
79.10	0.00	81.20	0.00	Weir - 1
79.20	0.00	81.20	0.00	Weir - 1
79.30	0.00	81.20	0.00	Weir - 1
79.40	0.00	81.20	0.00	Weir - 1
79.50	0.00	81.20	0.00	Weir - 1
79.60	0.00	81.20	0.00	Weir - 1
79.70	0.00	81.20	0.00	Weir - 1
79.80	0.00	81.20	0.00	Weir - 1
79.90	0.00	81.20	0.00	Weir - 1
80.00	0.00	81.20	0.00	Weir - 1
80.10	0.00	81.20	0.00	Weir - 1
80.20	0.00	81.20	0.00	Weir - 1
80.30	0.00	81.20	0.00	Weir - 1
80.40	0.00	81.20	0.00	Weir - 1
80.50	0.00	81.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.30	0.00	Weir - 1
78.60	0.00	81.30	0.00	Weir - 1
78.70	0.00	81.30	0.00	Weir - 1
78.80	0.00	81.30	0.00	Weir - 1
78.90	0.00	81.30	0.00	Weir - 1
79.00	0.00	81.30	0.00	Weir - 1
79.10	0.00	81.30	0.00	Weir - 1
79.20	0.00	81.30	0.00	Weir - 1
79.30	0.00	81.30	0.00	Weir - 1
79.40	0.00	81.30	0.00	Weir - 1
79.50	0.00	81.30	0.00	Weir - 1
79.60	0.00	81.30	0.00	Weir - 1
79.70	0.00	81.30	0.00	Weir - 1
79.80	0.00	81.30	0.00	Weir - 1
79.90	0.00	81.30	0.00	Weir - 1
80.00	0.00	81.30	0.00	Weir - 1
80.10	0.00	81.30	0.00	Weir - 1
80.20	0.00	81.30	0.00	Weir - 1
80.30	0.00	81.30	0.00	Weir - 1
80.40	0.00	81.30	0.00	Weir - 1
80.50	0.00	81.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.40	0.00	Weir - 1
78.60	0.00	81.40	0.00	Weir - 1
78.70	0.00	81.40	0.00	Weir - 1
78.80	0.00	81.40	0.00	Weir - 1
78.90	0.00	81.40	0.00	Weir - 1
79.00	0.00	81.40	0.00	Weir - 1
79.10	0.00	81.40	0.00	Weir - 1
79.20	0.00	81.40	0.00	Weir - 1
79.30	0.00	81.40	0.00	Weir - 1
79.40	0.00	81.40	0.00	Weir - 1
79.50	0.00	81.40	0.00	Weir - 1
79.60	0.00	81.40	0.00	Weir - 1
79.70	0.00	81.40	0.00	Weir - 1
79.80	0.00	81.40	0.00	Weir - 1
79.90	0.00	81.40	0.00	Weir - 1
80.00	0.00	81.40	0.00	Weir - 1
80.10	0.00	81.40	0.00	Weir - 1
80.20	0.00	81.40	0.00	Weir - 1
80.30	0.00	81.40	0.00	Weir - 1
80.40	0.00	81.40	0.00	Weir - 1
80.50	0.00	81.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.50	0.00	Weir - 1
78.60	0.00	81.50	0.00	Weir - 1
78.70	0.00	81.50	0.00	Weir - 1
78.80	0.00	81.50	0.00	Weir - 1
78.90	0.00	81.50	0.00	Weir - 1
79.00	0.00	81.50	0.00	Weir - 1
79.10	0.00	81.50	0.00	Weir - 1
79.20	0.00	81.50	0.00	Weir - 1
79.30	0.00	81.50	0.00	Weir - 1
79.40	0.00	81.50	0.00	Weir - 1
79.50	0.00	81.50	0.00	Weir - 1
79.60	0.00	81.50	0.00	Weir - 1
79.70	0.00	81.50	0.00	Weir - 1
79.80	0.00	81.50	0.00	Weir - 1
79.90	0.00	81.50	0.00	Weir - 1
80.00	0.00	81.50	0.00	Weir - 1
80.10	0.00	81.50	0.00	Weir - 1
80.20	0.00	81.50	0.00	Weir - 1
80.30	0.00	81.50	0.00	Weir - 1
80.40	0.00	81.50	0.00	Weir - 1
80.50	0.00	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.50	0.00	None Contributing
81.10	0.00	78.50	0.00	None Contributing
81.20	0.00	78.50	0.00	None Contributing
81.30	0.00	78.50	0.00	None Contributing
81.40	0.00	78.50	0.00	None Contributing
81.50	0.00	78.50	0.00	None Contributing
81.60	0.00	78.50	0.00	None Contributing
81.70	0.00	78.50	0.00	None Contributing
81.80	0.00	78.50	0.00	None Contributing
81.90	0.00	78.50	0.00	None Contributing
82.00	0.00	78.50	0.00	Weir - 1
82.10	0.25	78.50	0.00	Weir - 1
82.20	0.72	78.50	0.00	Weir - 1
82.30	1.31	78.50	0.00	Weir - 1
82.40	2.02	78.50	0.00	Weir - 1
82.50	2.83	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.60	0.00	None Contributing
81.10	0.00	78.60	0.00	None Contributing
81.20	0.00	78.60	0.00	None Contributing
81.30	0.00	78.60	0.00	None Contributing
81.40	0.00	78.60	0.00	None Contributing
81.50	0.00	78.60	0.00	None Contributing
81.60	0.00	78.60	0.00	None Contributing
81.70	0.00	78.60	0.00	None Contributing
81.80	0.00	78.60	0.00	None Contributing
81.90	0.00	78.60	0.00	None Contributing
82.00	0.00	78.60	0.00	Weir - 1
82.10	0.25	78.60	0.00	Weir - 1
82.20	0.72	78.60	0.00	Weir - 1
82.30	1.31	78.60	0.00	Weir - 1
82.40	2.02	78.60	0.00	Weir - 1
82.50	2.83	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.70	0.00	None Contributing
81.10	0.00	78.70	0.00	None Contributing
81.20	0.00	78.70	0.00	None Contributing
81.30	0.00	78.70	0.00	None Contributing
81.40	0.00	78.70	0.00	None Contributing
81.50	0.00	78.70	0.00	None Contributing
81.60	0.00	78.70	0.00	None Contributing
81.70	0.00	78.70	0.00	None Contributing
81.80	0.00	78.70	0.00	None Contributing
81.90	0.00	78.70	0.00	None Contributing
82.00	0.00	78.70	0.00	Weir - 1
82.10	0.25	78.70	0.00	Weir - 1
82.20	0.72	78.70	0.00	Weir - 1
82.30	1.31	78.70	0.00	Weir - 1
82.40	2.02	78.70	0.00	Weir - 1
82.50	2.83	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.80	0.00	None Contributing
81.10	0.00	78.80	0.00	None Contributing
81.20	0.00	78.80	0.00	None Contributing
81.30	0.00	78.80	0.00	None Contributing
81.40	0.00	78.80	0.00	None Contributing
81.50	0.00	78.80	0.00	None Contributing
81.60	0.00	78.80	0.00	None Contributing
81.70	0.00	78.80	0.00	None Contributing
81.80	0.00	78.80	0.00	None Contributing
81.90	0.00	78.80	0.00	None Contributing
82.00	0.00	78.80	0.00	Weir - 1
82.10	0.25	78.80	0.00	Weir - 1
82.20	0.72	78.80	0.00	Weir - 1
82.30	1.31	78.80	0.00	Weir - 1
82.40	2.02	78.80	0.00	Weir - 1
82.50	2.83	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.90	0.00	None Contributing
81.10	0.00	78.90	0.00	None Contributing
81.20	0.00	78.90	0.00	None Contributing
81.30	0.00	78.90	0.00	None Contributing
81.40	0.00	78.90	0.00	None Contributing
81.50	0.00	78.90	0.00	None Contributing
81.60	0.00	78.90	0.00	None Contributing
81.70	0.00	78.90	0.00	None Contributing
81.80	0.00	78.90	0.00	None Contributing
81.90	0.00	78.90	0.00	None Contributing
82.00	0.00	78.90	0.00	Weir - 1
82.10	0.25	78.90	0.00	Weir - 1
82.20	0.72	78.90	0.00	Weir - 1
82.30	1.31	78.90	0.00	Weir - 1
82.40	2.02	78.90	0.00	Weir - 1
82.50	2.83	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.00	0.00	None Contributing
81.10	0.00	79.00	0.00	None Contributing
81.20	0.00	79.00	0.00	None Contributing
81.30	0.00	79.00	0.00	None Contributing
81.40	0.00	79.00	0.00	None Contributing
81.50	0.00	79.00	0.00	None Contributing
81.60	0.00	79.00	0.00	None Contributing
81.70	0.00	79.00	0.00	None Contributing
81.80	0.00	79.00	0.00	None Contributing
81.90	0.00	79.00	0.00	None Contributing
82.00	0.00	79.00	0.00	Weir - 1
82.10	0.25	79.00	0.00	Weir - 1
82.20	0.72	79.00	0.00	Weir - 1
82.30	1.31	79.00	0.00	Weir - 1
82.40	2.02	79.00	0.00	Weir - 1
82.50	2.83	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.10	0.00	None Contributing
81.10	0.00	79.10	0.00	None Contributing
81.20	0.00	79.10	0.00	None Contributing
81.30	0.00	79.10	0.00	None Contributing
81.40	0.00	79.10	0.00	None Contributing
81.50	0.00	79.10	0.00	None Contributing
81.60	0.00	79.10	0.00	None Contributing
81.70	0.00	79.10	0.00	None Contributing
81.80	0.00	79.10	0.00	None Contributing
81.90	0.00	79.10	0.00	None Contributing
82.00	0.00	79.10	0.00	Weir - 1
82.10	0.25	79.10	0.00	Weir - 1
82.20	0.72	79.10	0.00	Weir - 1
82.30	1.31	79.10	0.00	Weir - 1
82.40	2.02	79.10	0.00	Weir - 1
82.50	2.83	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.20	0.00	None Contributing
81.10	0.00	79.20	0.00	None Contributing
81.20	0.00	79.20	0.00	None Contributing
81.30	0.00	79.20	0.00	None Contributing
81.40	0.00	79.20	0.00	None Contributing
81.50	0.00	79.20	0.00	None Contributing
81.60	0.00	79.20	0.00	None Contributing
81.70	0.00	79.20	0.00	None Contributing
81.80	0.00	79.20	0.00	None Contributing
81.90	0.00	79.20	0.00	None Contributing
82.00	0.00	79.20	0.00	Weir - 1
82.10	0.25	79.20	0.00	Weir - 1
82.20	0.72	79.20	0.00	Weir - 1
82.30	1.31	79.20	0.00	Weir - 1
82.40	2.02	79.20	0.00	Weir - 1
82.50	2.83	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.30	0.00	None Contributing
81.10	0.00	79.30	0.00	None Contributing
81.20	0.00	79.30	0.00	None Contributing
81.30	0.00	79.30	0.00	None Contributing
81.40	0.00	79.30	0.00	None Contributing
81.50	0.00	79.30	0.00	None Contributing
81.60	0.00	79.30	0.00	None Contributing
81.70	0.00	79.30	0.00	None Contributing
81.80	0.00	79.30	0.00	None Contributing
81.90	0.00	79.30	0.00	None Contributing
82.00	0.00	79.30	0.00	Weir - 1
82.10	0.25	79.30	0.00	Weir - 1
82.20	0.72	79.30	0.00	Weir - 1
82.30	1.31	79.30	0.00	Weir - 1
82.40	2.02	79.30	0.00	Weir - 1
82.50	2.83	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.40	0.00	None Contributing
81.10	0.00	79.40	0.00	None Contributing
81.20	0.00	79.40	0.00	None Contributing
81.30	0.00	79.40	0.00	None Contributing
81.40	0.00	79.40	0.00	None Contributing
81.50	0.00	79.40	0.00	None Contributing
81.60	0.00	79.40	0.00	None Contributing
81.70	0.00	79.40	0.00	None Contributing
81.80	0.00	79.40	0.00	None Contributing
81.90	0.00	79.40	0.00	None Contributing
82.00	0.00	79.40	0.00	Weir - 1
82.10	0.25	79.40	0.00	Weir - 1
82.20	0.72	79.40	0.00	Weir - 1
82.30	1.31	79.40	0.00	Weir - 1
82.40	2.02	79.40	0.00	Weir - 1
82.50	2.83	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.50	0.00	None Contributing
81.10	0.00	79.50	0.00	None Contributing
81.20	0.00	79.50	0.00	None Contributing
81.30	0.00	79.50	0.00	None Contributing
81.40	0.00	79.50	0.00	None Contributing
81.50	0.00	79.50	0.00	None Contributing
81.60	0.00	79.50	0.00	None Contributing
81.70	0.00	79.50	0.00	None Contributing
81.80	0.00	79.50	0.00	None Contributing
81.90	0.00	79.50	0.00	None Contributing
82.00	0.00	79.50	0.00	Weir - 1
82.10	0.25	79.50	0.00	Weir - 1
82.20	0.72	79.50	0.00	Weir - 1
82.30	1.31	79.50	0.00	Weir - 1
82.40	2.02	79.50	0.00	Weir - 1
82.50	2.83	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.60	0.00	None Contributing
81.10	0.00	79.60	0.00	None Contributing
81.20	0.00	79.60	0.00	None Contributing
81.30	0.00	79.60	0.00	None Contributing
81.40	0.00	79.60	0.00	None Contributing
81.50	0.00	79.60	0.00	None Contributing
81.60	0.00	79.60	0.00	None Contributing
81.70	0.00	79.60	0.00	None Contributing
81.80	0.00	79.60	0.00	None Contributing
81.90	0.00	79.60	0.00	None Contributing
82.00	0.00	79.60	0.00	Weir - 1
82.10	0.25	79.60	0.00	Weir - 1
82.20	0.72	79.60	0.00	Weir - 1
82.30	1.31	79.60	0.00	Weir - 1
82.40	2.02	79.60	0.00	Weir - 1
82.50	2.83	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.70	0.00	None Contributing
81.10	0.00	79.70	0.00	None Contributing
81.20	0.00	79.70	0.00	None Contributing
81.30	0.00	79.70	0.00	None Contributing
81.40	0.00	79.70	0.00	None Contributing
81.50	0.00	79.70	0.00	None Contributing
81.60	0.00	79.70	0.00	None Contributing
81.70	0.00	79.70	0.00	None Contributing
81.80	0.00	79.70	0.00	None Contributing
81.90	0.00	79.70	0.00	None Contributing
82.00	0.00	79.70	0.00	Weir - 1
82.10	0.25	79.70	0.00	Weir - 1
82.20	0.72	79.70	0.00	Weir - 1
82.30	1.31	79.70	0.00	Weir - 1
82.40	2.02	79.70	0.00	Weir - 1
82.50	2.83	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.80	0.00	None Contributing
81.10	0.00	79.80	0.00	None Contributing
81.20	0.00	79.80	0.00	None Contributing
81.30	0.00	79.80	0.00	None Contributing
81.40	0.00	79.80	0.00	None Contributing
81.50	0.00	79.80	0.00	None Contributing
81.60	0.00	79.80	0.00	None Contributing
81.70	0.00	79.80	0.00	None Contributing
81.80	0.00	79.80	0.00	None Contributing
81.90	0.00	79.80	0.00	None Contributing
82.00	0.00	79.80	0.00	Weir - 1
82.10	0.25	79.80	0.00	Weir - 1
82.20	0.72	79.80	0.00	Weir - 1
82.30	1.31	79.80	0.00	Weir - 1
82.40	2.02	79.80	0.00	Weir - 1
82.50	2.83	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.90	0.00	None Contributing
81.10	0.00	79.90	0.00	None Contributing
81.20	0.00	79.90	0.00	None Contributing
81.30	0.00	79.90	0.00	None Contributing
81.40	0.00	79.90	0.00	None Contributing
81.50	0.00	79.90	0.00	None Contributing
81.60	0.00	79.90	0.00	None Contributing
81.70	0.00	79.90	0.00	None Contributing
81.80	0.00	79.90	0.00	None Contributing
81.90	0.00	79.90	0.00	None Contributing
82.00	0.00	79.90	0.00	Weir - 1
82.10	0.25	79.90	0.00	Weir - 1
82.20	0.72	79.90	0.00	Weir - 1
82.30	1.31	79.90	0.00	Weir - 1
82.40	2.02	79.90	0.00	Weir - 1
82.50	2.83	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.00	0.00	None Contributing
81.10	0.00	80.00	0.00	None Contributing
81.20	0.00	80.00	0.00	None Contributing
81.30	0.00	80.00	0.00	None Contributing
81.40	0.00	80.00	0.00	None Contributing
81.50	0.00	80.00	0.00	None Contributing
81.60	0.00	80.00	0.00	None Contributing
81.70	0.00	80.00	0.00	None Contributing
81.80	0.00	80.00	0.00	None Contributing
81.90	0.00	80.00	0.00	None Contributing
82.00	0.00	80.00	0.00	Weir - 1
82.10	0.25	80.00	0.00	Weir - 1
82.20	0.72	80.00	0.00	Weir - 1
82.30	1.31	80.00	0.00	Weir - 1
82.40	2.02	80.00	0.00	Weir - 1
82.50	2.83	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.10	0.00	None Contributing
81.10	0.00	80.10	0.00	None Contributing
81.20	0.00	80.10	0.00	None Contributing
81.30	0.00	80.10	0.00	None Contributing
81.40	0.00	80.10	0.00	None Contributing
81.50	0.00	80.10	0.00	None Contributing
81.60	0.00	80.10	0.00	None Contributing
81.70	0.00	80.10	0.00	None Contributing
81.80	0.00	80.10	0.00	None Contributing
81.90	0.00	80.10	0.00	None Contributing
82.00	0.00	80.10	0.00	Weir - 1
82.10	0.25	80.10	0.00	Weir - 1
82.20	0.72	80.10	0.00	Weir - 1
82.30	1.31	80.10	0.00	Weir - 1
82.40	2.02	80.10	0.00	Weir - 1
82.50	2.83	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.20	0.00	None Contributing
81.10	0.00	80.20	0.00	None Contributing
81.20	0.00	80.20	0.00	None Contributing
81.30	0.00	80.20	0.00	None Contributing
81.40	0.00	80.20	0.00	None Contributing
81.50	0.00	80.20	0.00	None Contributing
81.60	0.00	80.20	0.00	None Contributing
81.70	0.00	80.20	0.00	None Contributing
81.80	0.00	80.20	0.00	None Contributing
81.90	0.00	80.20	0.00	None Contributing
82.00	0.00	80.20	0.00	Weir - 1
82.10	0.25	80.20	0.00	Weir - 1
82.20	0.72	80.20	0.00	Weir - 1
82.30	1.31	80.20	0.00	Weir - 1
82.40	2.02	80.20	0.00	Weir - 1
82.50	2.83	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.30	0.00	None Contributing
81.10	0.00	80.30	0.00	None Contributing
81.20	0.00	80.30	0.00	None Contributing
81.30	0.00	80.30	0.00	None Contributing
81.40	0.00	80.30	0.00	None Contributing
81.50	0.00	80.30	0.00	None Contributing
81.60	0.00	80.30	0.00	None Contributing
81.70	0.00	80.30	0.00	None Contributing
81.80	0.00	80.30	0.00	None Contributing
81.90	0.00	80.30	0.00	None Contributing
82.00	0.00	80.30	0.00	Weir - 1
82.10	0.25	80.30	0.00	Weir - 1
82.20	0.72	80.30	0.00	Weir - 1
82.30	1.31	80.30	0.00	Weir - 1
82.40	2.02	80.30	0.00	Weir - 1
82.50	2.83	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.40	0.00	None Contributing
81.10	0.00	80.40	0.00	None Contributing
81.20	0.00	80.40	0.00	None Contributing
81.30	0.00	80.40	0.00	None Contributing
81.40	0.00	80.40	0.00	None Contributing
81.50	0.00	80.40	0.00	None Contributing
81.60	0.00	80.40	0.00	None Contributing
81.70	0.00	80.40	0.00	None Contributing
81.80	0.00	80.40	0.00	None Contributing
81.90	0.00	80.40	0.00	None Contributing
82.00	0.00	80.40	0.00	Weir - 1
82.10	0.25	80.40	0.00	Weir - 1
82.20	0.72	80.40	0.00	Weir - 1
82.30	1.31	80.40	0.00	Weir - 1
82.40	2.02	80.40	0.00	Weir - 1
82.50	2.83	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.50	0.00	None Contributing
81.10	0.00	80.50	0.00	None Contributing
81.20	0.00	80.50	0.00	None Contributing
81.30	0.00	80.50	0.00	None Contributing
81.40	0.00	80.50	0.00	None Contributing
81.50	0.00	80.50	0.00	None Contributing
81.60	0.00	80.50	0.00	None Contributing
81.70	0.00	80.50	0.00	None Contributing
81.80	0.00	80.50	0.00	None Contributing
81.90	0.00	80.50	0.00	None Contributing
82.00	0.00	80.50	0.00	Weir - 1
82.10	0.25	80.50	0.00	Weir - 1
82.20	0.72	80.50	0.00	Weir - 1
82.30	1.31	80.50	0.00	Weir - 1
82.40	2.02	80.50	0.00	Weir - 1
82.50	2.83	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.60	0.00	None Contributing
81.10	0.00	80.60	0.00	None Contributing
81.20	0.00	80.60	0.00	None Contributing
81.30	0.00	80.60	0.00	None Contributing
81.40	0.00	80.60	0.00	None Contributing
81.50	0.00	80.60	0.00	None Contributing
81.60	0.00	80.60	0.00	None Contributing
81.70	0.00	80.60	0.00	None Contributing
81.80	0.00	80.60	0.00	None Contributing
81.90	0.00	80.60	0.00	None Contributing
82.00	0.00	80.60	0.00	Weir - 1
82.10	0.25	80.60	0.00	Weir - 1
82.20	0.72	80.60	0.00	Weir - 1
82.30	1.31	80.60	0.00	Weir - 1
82.40	2.02	80.60	0.00	Weir - 1
82.50	2.83	80.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.70	0.00	None Contributing
81.10	0.00	80.70	0.00	None Contributing
81.20	0.00	80.70	0.00	None Contributing
81.30	0.00	80.70	0.00	None Contributing
81.40	0.00	80.70	0.00	None Contributing
81.50	0.00	80.70	0.00	None Contributing
81.60	0.00	80.70	0.00	None Contributing
81.70	0.00	80.70	0.00	None Contributing
81.80	0.00	80.70	0.00	None Contributing
81.90	0.00	80.70	0.00	None Contributing
82.00	0.00	80.70	0.00	Weir - 1
82.10	0.25	80.70	0.00	Weir - 1
82.20	0.72	80.70	0.00	Weir - 1
82.30	1.31	80.70	0.00	Weir - 1
82.40	2.02	80.70	0.00	Weir - 1
82.50	2.83	80.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.80	0.00	None Contributing
81.10	0.00	80.80	0.00	None Contributing
81.20	0.00	80.80	0.00	None Contributing
81.30	0.00	80.80	0.00	None Contributing
81.40	0.00	80.80	0.00	None Contributing
81.50	0.00	80.80	0.00	None Contributing
81.60	0.00	80.80	0.00	None Contributing
81.70	0.00	80.80	0.00	None Contributing
81.80	0.00	80.80	0.00	None Contributing
81.90	0.00	80.80	0.00	None Contributing
82.00	0.00	80.80	0.00	Weir - 1
82.10	0.25	80.80	0.00	Weir - 1
82.20	0.72	80.80	0.00	Weir - 1
82.30	1.31	80.80	0.00	Weir - 1
82.40	2.02	80.80	0.00	Weir - 1
82.50	2.83	80.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.90	0.00	None Contributing
81.10	0.00	80.90	0.00	None Contributing
81.20	0.00	80.90	0.00	None Contributing
81.30	0.00	80.90	0.00	None Contributing
81.40	0.00	80.90	0.00	None Contributing
81.50	0.00	80.90	0.00	None Contributing
81.60	0.00	80.90	0.00	None Contributing
81.70	0.00	80.90	0.00	None Contributing
81.80	0.00	80.90	0.00	None Contributing
81.90	0.00	80.90	0.00	None Contributing
82.00	0.00	80.90	0.00	Weir - 1
82.10	0.25	80.90	0.00	Weir - 1
82.20	0.72	80.90	0.00	Weir - 1
82.30	1.31	80.90	0.00	Weir - 1
82.40	2.02	80.90	0.00	Weir - 1
82.50	2.83	80.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.00	0.00	None Contributing
81.10	0.00	81.00	0.00	None Contributing
81.20	0.00	81.00	0.00	None Contributing
81.30	0.00	81.00	0.00	None Contributing
81.40	0.00	81.00	0.00	None Contributing
81.50	0.00	81.00	0.00	None Contributing
81.60	0.00	81.00	0.00	None Contributing
81.70	0.00	81.00	0.00	None Contributing
81.80	0.00	81.00	0.00	None Contributing
81.90	0.00	81.00	0.00	None Contributing
82.00	0.00	81.00	0.00	Weir - 1
82.10	0.25	81.00	0.00	Weir - 1
82.20	0.72	81.00	0.00	Weir - 1
82.30	1.31	81.00	0.00	Weir - 1
82.40	2.02	81.00	0.00	Weir - 1
82.50	2.83	81.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.10	0.00	Weir - 1
81.10	0.00	81.10	0.00	None Contributing
81.20	0.00	81.10	0.00	None Contributing
81.30	0.00	81.10	0.00	None Contributing
81.40	0.00	81.10	0.00	None Contributing
81.50	0.00	81.10	0.00	None Contributing
81.60	0.00	81.10	0.00	None Contributing
81.70	0.00	81.10	0.00	None Contributing
81.80	0.00	81.10	0.00	None Contributing
81.90	0.00	81.10	0.00	None Contributing
82.00	0.00	81.10	0.00	Weir - 1
82.10	0.25	81.10	0.00	Weir - 1
82.20	0.72	81.10	0.00	Weir - 1
82.30	1.31	81.10	0.00	Weir - 1
82.40	2.02	81.10	0.00	Weir - 1
82.50	2.83	81.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.20	0.00	Weir - 1
81.10	0.00	81.20	0.00	Weir - 1
81.20	0.00	81.20	0.00	None Contributing
81.30	0.00	81.20	0.00	None Contributing
81.40	0.00	81.20	0.00	None Contributing
81.50	0.00	81.20	0.00	None Contributing
81.60	0.00	81.20	0.00	None Contributing
81.70	0.00	81.20	0.00	None Contributing
81.80	0.00	81.20	0.00	None Contributing
81.90	0.00	81.20	0.00	None Contributing
82.00	0.00	81.20	0.00	Weir - 1
82.10	0.25	81.20	0.00	Weir - 1
82.20	0.72	81.20	0.00	Weir - 1
82.30	1.31	81.20	0.00	Weir - 1
82.40	2.02	81.20	0.00	Weir - 1
82.50	2.83	81.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.30	0.00	Weir - 1
81.10	0.00	81.30	0.00	Weir - 1
81.20	0.00	81.30	0.00	Weir - 1
81.30	0.00	81.30	0.00	None Contributing
81.40	0.00	81.30	0.00	None Contributing
81.50	0.00	81.30	0.00	None Contributing
81.60	0.00	81.30	0.00	None Contributing
81.70	0.00	81.30	0.00	None Contributing
81.80	0.00	81.30	0.00	None Contributing
81.90	0.00	81.30	0.00	None Contributing
82.00	0.00	81.30	0.00	Weir - 1
82.10	0.25	81.30	0.00	Weir - 1
82.20	0.72	81.30	0.00	Weir - 1
82.30	1.31	81.30	0.00	Weir - 1
82.40	2.02	81.30	0.00	Weir - 1
82.50	2.83	81.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.40	0.00	Weir - 1
81.10	0.00	81.40	0.00	Weir - 1
81.20	0.00	81.40	0.00	Weir - 1
81.30	0.00	81.40	0.00	Weir - 1
81.40	0.00	81.40	0.00	None Contributing
81.50	0.00	81.40	0.00	None Contributing
81.60	0.00	81.40	0.00	None Contributing
81.70	0.00	81.40	0.00	None Contributing
81.80	0.00	81.40	0.00	None Contributing
81.90	0.00	81.40	0.00	None Contributing
82.00	0.00	81.40	0.00	Weir - 1
82.10	0.25	81.40	0.00	Weir - 1
82.20	0.72	81.40	0.00	Weir - 1
82.30	1.31	81.40	0.00	Weir - 1
82.40	2.02	81.40	0.00	Weir - 1
82.50	2.83	81.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.50	0.00	Weir - 1
81.10	0.00	81.50	0.00	Weir - 1
81.20	0.00	81.50	0.00	Weir - 1
81.30	0.00	81.50	0.00	Weir - 1
81.40	0.00	81.50	0.00	Weir - 1
81.50	0.00	81.50	0.00	None Contributing
81.60	0.00	81.50	0.00	None Contributing
81.70	0.00	81.50	0.00	None Contributing
81.80	0.00	81.50	0.00	None Contributing
81.90	0.00	81.50	0.00	None Contributing
82.00	0.00	81.50	0.00	Weir - 1
82.10	0.25	81.50	0.00	Weir - 1
82.20	0.72	81.50	0.00	Weir - 1
82.30	1.31	81.50	0.00	Weir - 1
82.40	2.02	81.50	0.00	Weir - 1
82.50	2.83	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.50	0.00	None Contributing
79.90	0.00	78.50	0.00	None Contributing
80.00	0.00	78.50	0.00	None Contributing
80.10	0.00	78.50	0.00	None Contributing
80.20	0.00	78.50	0.00	None Contributing
80.30	0.00	78.50	0.00	None Contributing
80.40	0.00	78.50	0.00	None Contributing
80.50	0.00	78.50	0.00	Weir - 1
80.60	0.46	78.50	0.00	Weir - 1
80.70	1.29	78.50	0.00	Weir - 1
80.80	2.37	78.50	0.00	Weir - 1
80.90	3.64	78.50	0.00	Weir - 1
81.00	5.09	78.50	0.00	Weir - 1
81.10	6.69	78.50	0.00	Weir - 1
81.20	8.43	78.50	0.00	Weir - 1
81.30	10.30	78.50	0.00	Weir - 1
81.40	12.29	78.50	0.00	Weir - 1
81.50	14.40	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.60	0.00	None Contributing
79.90	0.00	78.60	0.00	None Contributing
80.00	0.00	78.60	0.00	None Contributing
80.10	0.00	78.60	0.00	None Contributing
80.20	0.00	78.60	0.00	None Contributing
80.30	0.00	78.60	0.00	None Contributing
80.40	0.00	78.60	0.00	None Contributing
80.50	0.00	78.60	0.00	Weir - 1
80.60	0.46	78.60	0.00	Weir - 1
80.70	1.29	78.60	0.00	Weir - 1
80.80	2.37	78.60	0.00	Weir - 1
80.90	3.64	78.60	0.00	Weir - 1
81.00	5.09	78.60	0.00	Weir - 1
81.10	6.69	78.60	0.00	Weir - 1
81.20	8.43	78.60	0.00	Weir - 1
81.30	10.30	78.60	0.00	Weir - 1
81.40	12.29	78.60	0.00	Weir - 1
81.50	14.40	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.70	0.00	None Contributing
79.90	0.00	78.70	0.00	None Contributing
80.00	0.00	78.70	0.00	None Contributing
80.10	0.00	78.70	0.00	None Contributing
80.20	0.00	78.70	0.00	None Contributing
80.30	0.00	78.70	0.00	None Contributing
80.40	0.00	78.70	0.00	None Contributing
80.50	0.00	78.70	0.00	Weir - 1
80.60	0.46	78.70	0.00	Weir - 1
80.70	1.29	78.70	0.00	Weir - 1
80.80	2.37	78.70	0.00	Weir - 1
80.90	3.64	78.70	0.00	Weir - 1
81.00	5.09	78.70	0.00	Weir - 1
81.10	6.69	78.70	0.00	Weir - 1
81.20	8.43	78.70	0.00	Weir - 1
81.30	10.30	78.70	0.00	Weir - 1
81.40	12.29	78.70	0.00	Weir - 1
81.50	14.40	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.80	0.00	None Contributing
79.90	0.00	78.80	0.00	None Contributing
80.00	0.00	78.80	0.00	None Contributing
80.10	0.00	78.80	0.00	None Contributing
80.20	0.00	78.80	0.00	None Contributing
80.30	0.00	78.80	0.00	None Contributing
80.40	0.00	78.80	0.00	None Contributing
80.50	0.00	78.80	0.00	Weir - 1
80.60	0.46	78.80	0.00	Weir - 1
80.70	1.29	78.80	0.00	Weir - 1
80.80	2.37	78.80	0.00	Weir - 1
80.90	3.64	78.80	0.00	Weir - 1
81.00	5.09	78.80	0.00	Weir - 1
81.10	6.69	78.80	0.00	Weir - 1
81.20	8.43	78.80	0.00	Weir - 1
81.30	10.30	78.80	0.00	Weir - 1
81.40	12.29	78.80	0.00	Weir - 1
81.50	14.40	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.90	0.00	None Contributing
79.90	0.00	78.90	0.00	None Contributing
80.00	0.00	78.90	0.00	None Contributing
80.10	0.00	78.90	0.00	None Contributing
80.20	0.00	78.90	0.00	None Contributing
80.30	0.00	78.90	0.00	None Contributing
80.40	0.00	78.90	0.00	None Contributing
80.50	0.00	78.90	0.00	Weir - 1
80.60	0.46	78.90	0.00	Weir - 1
80.70	1.29	78.90	0.00	Weir - 1
80.80	2.37	78.90	0.00	Weir - 1
80.90	3.64	78.90	0.00	Weir - 1
81.00	5.09	78.90	0.00	Weir - 1
81.10	6.69	78.90	0.00	Weir - 1
81.20	8.43	78.90	0.00	Weir - 1
81.30	10.30	78.90	0.00	Weir - 1
81.40	12.29	78.90	0.00	Weir - 1
81.50	14.40	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.00	0.00	None Contributing
79.90	0.00	79.00	0.00	None Contributing
80.00	0.00	79.00	0.00	None Contributing
80.10	0.00	79.00	0.00	None Contributing
80.20	0.00	79.00	0.00	None Contributing
80.30	0.00	79.00	0.00	None Contributing
80.40	0.00	79.00	0.00	None Contributing
80.50	0.00	79.00	0.00	Weir - 1
80.60	0.46	79.00	0.00	Weir - 1
80.70	1.29	79.00	0.00	Weir - 1
80.80	2.37	79.00	0.00	Weir - 1
80.90	3.64	79.00	0.00	Weir - 1
81.00	5.09	79.00	0.00	Weir - 1
81.10	6.69	79.00	0.00	Weir - 1
81.20	8.43	79.00	0.00	Weir - 1
81.30	10.30	79.00	0.00	Weir - 1
81.40	12.29	79.00	0.00	Weir - 1
81.50	14.40	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.10	0.00	None Contributing
79.90	0.00	79.10	0.00	None Contributing
80.00	0.00	79.10	0.00	None Contributing
80.10	0.00	79.10	0.00	None Contributing
80.20	0.00	79.10	0.00	None Contributing
80.30	0.00	79.10	0.00	None Contributing
80.40	0.00	79.10	0.00	None Contributing
80.50	0.00	79.10	0.00	Weir - 1
80.60	0.46	79.10	0.00	Weir - 1
80.70	1.29	79.10	0.00	Weir - 1
80.80	2.37	79.10	0.00	Weir - 1
80.90	3.64	79.10	0.00	Weir - 1
81.00	5.09	79.10	0.00	Weir - 1
81.10	6.69	79.10	0.00	Weir - 1
81.20	8.43	79.10	0.00	Weir - 1
81.30	10.30	79.10	0.00	Weir - 1
81.40	12.29	79.10	0.00	Weir - 1
81.50	14.40	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.20	0.00	None Contributing
79.90	0.00	79.20	0.00	None Contributing
80.00	0.00	79.20	0.00	None Contributing
80.10	0.00	79.20	0.00	None Contributing
80.20	0.00	79.20	0.00	None Contributing
80.30	0.00	79.20	0.00	None Contributing
80.40	0.00	79.20	0.00	None Contributing
80.50	0.00	79.20	0.00	Weir - 1
80.60	0.46	79.20	0.00	Weir - 1
80.70	1.29	79.20	0.00	Weir - 1
80.80	2.37	79.20	0.00	Weir - 1
80.90	3.64	79.20	0.00	Weir - 1
81.00	5.09	79.20	0.00	Weir - 1
81.10	6.69	79.20	0.00	Weir - 1
81.20	8.43	79.20	0.00	Weir - 1
81.30	10.30	79.20	0.00	Weir - 1
81.40	12.29	79.20	0.00	Weir - 1
81.50	14.40	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.30	0.00	None Contributing
79.90	0.00	79.30	0.00	None Contributing
80.00	0.00	79.30	0.00	None Contributing
80.10	0.00	79.30	0.00	None Contributing
80.20	0.00	79.30	0.00	None Contributing
80.30	0.00	79.30	0.00	None Contributing
80.40	0.00	79.30	0.00	None Contributing
80.50	0.00	79.30	0.00	Weir - 1
80.60	0.46	79.30	0.00	Weir - 1
80.70	1.29	79.30	0.00	Weir - 1
80.80	2.37	79.30	0.00	Weir - 1
80.90	3.64	79.30	0.00	Weir - 1
81.00	5.09	79.30	0.00	Weir - 1
81.10	6.69	79.30	0.00	Weir - 1
81.20	8.43	79.30	0.00	Weir - 1
81.30	10.30	79.30	0.00	Weir - 1
81.40	12.29	79.30	0.00	Weir - 1
81.50	14.40	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.40	0.00	None Contributing
79.90	0.00	79.40	0.00	None Contributing
80.00	0.00	79.40	0.00	None Contributing
80.10	0.00	79.40	0.00	None Contributing
80.20	0.00	79.40	0.00	None Contributing
80.30	0.00	79.40	0.00	None Contributing
80.40	0.00	79.40	0.00	None Contributing
80.50	0.00	79.40	0.00	Weir - 1
80.60	0.46	79.40	0.00	Weir - 1
80.70	1.29	79.40	0.00	Weir - 1
80.80	2.37	79.40	0.00	Weir - 1
80.90	3.64	79.40	0.00	Weir - 1
81.00	5.09	79.40	0.00	Weir - 1
81.10	6.69	79.40	0.00	Weir - 1
81.20	8.43	79.40	0.00	Weir - 1
81.30	10.30	79.40	0.00	Weir - 1
81.40	12.29	79.40	0.00	Weir - 1
81.50	14.40	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.50	0.00	None Contributing
79.90	0.00	79.50	0.00	None Contributing
80.00	0.00	79.50	0.00	None Contributing
80.10	0.00	79.50	0.00	None Contributing
80.20	0.00	79.50	0.00	None Contributing
80.30	0.00	79.50	0.00	None Contributing
80.40	0.00	79.50	0.00	None Contributing
80.50	0.00	79.50	0.00	Weir - 1
80.60	0.46	79.50	0.00	Weir - 1
80.70	1.29	79.50	0.00	Weir - 1
80.80	2.37	79.50	0.00	Weir - 1
80.90	3.64	79.50	0.00	Weir - 1
81.00	5.09	79.50	0.00	Weir - 1
81.10	6.69	79.50	0.00	Weir - 1
81.20	8.43	79.50	0.00	Weir - 1
81.30	10.30	79.50	0.00	Weir - 1
81.40	12.29	79.50	0.00	Weir - 1
81.50	14.40	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.60	0.00	None Contributing
79.90	0.00	79.60	0.00	None Contributing
80.00	0.00	79.60	0.00	None Contributing
80.10	0.00	79.60	0.00	None Contributing
80.20	0.00	79.60	0.00	None Contributing
80.30	0.00	79.60	0.00	None Contributing
80.40	0.00	79.60	0.00	None Contributing
80.50	0.00	79.60	0.00	Weir - 1
80.60	0.46	79.60	0.00	Weir - 1
80.70	1.29	79.60	0.00	Weir - 1
80.80	2.37	79.60	0.00	Weir - 1
80.90	3.64	79.60	0.00	Weir - 1
81.00	5.09	79.60	0.00	Weir - 1
81.10	6.69	79.60	0.00	Weir - 1
81.20	8.43	79.60	0.00	Weir - 1
81.30	10.30	79.60	0.00	Weir - 1
81.40	12.29	79.60	0.00	Weir - 1
81.50	14.40	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.70	0.00	None Contributing
79.90	0.00	79.70	0.00	None Contributing
80.00	0.00	79.70	0.00	None Contributing
80.10	0.00	79.70	0.00	None Contributing
80.20	0.00	79.70	0.00	None Contributing
80.30	0.00	79.70	0.00	None Contributing
80.40	0.00	79.70	0.00	None Contributing
80.50	0.00	79.70	0.00	Weir - 1
80.60	0.46	79.70	0.00	Weir - 1
80.70	1.29	79.70	0.00	Weir - 1
80.80	2.37	79.70	0.00	Weir - 1
80.90	3.64	79.70	0.00	Weir - 1
81.00	5.09	79.70	0.00	Weir - 1
81.10	6.69	79.70	0.00	Weir - 1
81.20	8.43	79.70	0.00	Weir - 1
81.30	10.30	79.70	0.00	Weir - 1
81.40	12.29	79.70	0.00	Weir - 1
81.50	14.40	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.80	0.00	None Contributing
79.90	0.00	79.80	0.00	None Contributing
80.00	0.00	79.80	0.00	None Contributing
80.10	0.00	79.80	0.00	None Contributing
80.20	0.00	79.80	0.00	None Contributing
80.30	0.00	79.80	0.00	None Contributing
80.40	0.00	79.80	0.00	None Contributing
80.50	0.00	79.80	0.00	Weir - 1
80.60	0.46	79.80	0.00	Weir - 1
80.70	1.29	79.80	0.00	Weir - 1
80.80	2.37	79.80	0.00	Weir - 1
80.90	3.64	79.80	0.00	Weir - 1
81.00	5.09	79.80	0.00	Weir - 1
81.10	6.69	79.80	0.00	Weir - 1
81.20	8.43	79.80	0.00	Weir - 1
81.30	10.30	79.80	0.00	Weir - 1
81.40	12.29	79.80	0.00	Weir - 1
81.50	14.40	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	None Contributing
80.00	0.00	79.90	0.00	None Contributing
80.10	0.00	79.90	0.00	None Contributing
80.20	0.00	79.90	0.00	None Contributing
80.30	0.00	79.90	0.00	None Contributing
80.40	0.00	79.90	0.00	None Contributing
80.50	0.00	79.90	0.00	Weir - 1
80.60	0.46	79.90	0.00	Weir - 1
80.70	1.29	79.90	0.00	Weir - 1
80.80	2.37	79.90	0.00	Weir - 1
80.90	3.64	79.90	0.00	Weir - 1
81.00	5.09	79.90	0.00	Weir - 1
81.10	6.69	79.90	0.00	Weir - 1
81.20	8.43	79.90	0.00	Weir - 1
81.30	10.30	79.90	0.00	Weir - 1
81.40	12.29	79.90	0.00	Weir - 1
81.50	14.40	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	None Contributing
80.10	0.00	80.00	0.00	None Contributing
80.20	0.00	80.00	0.00	None Contributing
80.30	0.00	80.00	0.00	None Contributing
80.40	0.00	80.00	0.00	None Contributing
80.50	0.00	80.00	0.00	Weir - 1
80.60	0.46	80.00	0.00	Weir - 1
80.70	1.29	80.00	0.00	Weir - 1
80.80	2.37	80.00	0.00	Weir - 1
80.90	3.64	80.00	0.00	Weir - 1
81.00	5.09	80.00	0.00	Weir - 1
81.10	6.69	80.00	0.00	Weir - 1
81.20	8.43	80.00	0.00	Weir - 1
81.30	10.30	80.00	0.00	Weir - 1
81.40	12.29	80.00	0.00	Weir - 1
81.50	14.40	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	None Contributing
80.20	0.00	80.10	0.00	None Contributing
80.30	0.00	80.10	0.00	None Contributing
80.40	0.00	80.10	0.00	None Contributing
80.50	0.00	80.10	0.00	Weir - 1
80.60	0.46	80.10	0.00	Weir - 1
80.70	1.29	80.10	0.00	Weir - 1
80.80	2.37	80.10	0.00	Weir - 1
80.90	3.64	80.10	0.00	Weir - 1
81.00	5.09	80.10	0.00	Weir - 1
81.10	6.69	80.10	0.00	Weir - 1
81.20	8.43	80.10	0.00	Weir - 1
81.30	10.30	80.10	0.00	Weir - 1
81.40	12.29	80.10	0.00	Weir - 1
81.50	14.40	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	None Contributing
80.30	0.00	80.20	0.00	None Contributing
80.40	0.00	80.20	0.00	None Contributing
80.50	0.00	80.20	0.00	Weir - 1
80.60	0.46	80.20	0.00	Weir - 1
80.70	1.29	80.20	0.00	Weir - 1
80.80	2.37	80.20	0.00	Weir - 1
80.90	3.64	80.20	0.00	Weir - 1
81.00	5.09	80.20	0.00	Weir - 1
81.10	6.69	80.20	0.00	Weir - 1
81.20	8.43	80.20	0.00	Weir - 1
81.30	10.30	80.20	0.00	Weir - 1
81.40	12.29	80.20	0.00	Weir - 1
81.50	14.40	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	None Contributing
80.40	0.00	80.30	0.00	None Contributing
80.50	0.00	80.30	0.00	Weir - 1
80.60	0.46	80.30	0.00	Weir - 1
80.70	1.29	80.30	0.00	Weir - 1
80.80	2.37	80.30	0.00	Weir - 1
80.90	3.64	80.30	0.00	Weir - 1
81.00	5.09	80.30	0.00	Weir - 1
81.10	6.69	80.30	0.00	Weir - 1
81.20	8.43	80.30	0.00	Weir - 1
81.30	10.30	80.30	0.00	Weir - 1
81.40	12.29	80.30	0.00	Weir - 1
81.50	14.40	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	None Contributing
80.50	0.00	80.40	0.00	Weir - 1
80.60	0.46	80.40	0.00	Weir - 1
80.70	1.29	80.40	0.00	Weir - 1
80.80	2.37	80.40	0.00	Weir - 1
80.90	3.64	80.40	0.00	Weir - 1
81.00	5.09	80.40	0.00	Weir - 1
81.10	6.69	80.40	0.00	Weir - 1
81.20	8.43	80.40	0.00	Weir - 1
81.30	10.30	80.40	0.00	Weir - 1
81.40	12.29	80.40	0.00	Weir - 1
81.50	14.40	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1
80.60	0.46	80.50	0.00	Weir - 1
80.70	1.29	80.50	0.00	Weir - 1
80.80	2.37	80.50	0.00	Weir - 1
80.90	3.64	80.50	0.00	Weir - 1
81.00	5.09	80.50	0.00	Weir - 1
81.10	6.69	80.50	0.00	Weir - 1
81.20	8.43	80.50	0.00	Weir - 1
81.30	10.30	80.50	0.00	Weir - 1
81.40	12.29	80.50	0.00	Weir - 1
81.50	14.40	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.60	0.00	Weir - 1
79.90	0.00	80.60	0.00	Weir - 1
80.00	0.00	80.60	0.00	Weir - 1
80.10	0.00	80.60	0.00	Weir - 1
80.20	0.00	80.60	0.00	Weir - 1
80.30	0.00	80.60	0.00	Weir - 1
80.40	0.00	80.60	0.00	Weir - 1
80.50	0.00	80.60	0.00	Weir - 1
80.60	0.00	80.60	0.00	Weir - 1
80.70	1.09	80.60	0.00	Weir - 1
80.80	2.18	80.60	0.00	Weir - 1
80.90	3.46	80.60	0.00	Weir - 1
81.00	4.91	80.60	0.00	Weir - 1
81.10	6.51	80.60	0.00	Weir - 1
81.20	8.26	80.60	0.00	Weir - 1
81.30	10.13	80.60	0.00	Weir - 1
81.40	12.12	80.60	0.00	Weir - 1
81.50	14.22	80.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.70	0.00	Weir - 1
79.90	0.00	80.70	0.00	Weir - 1
80.00	0.00	80.70	0.00	Weir - 1
80.10	0.00	80.70	0.00	Weir - 1
80.20	0.00	80.70	0.00	Weir - 1
80.30	0.00	80.70	0.00	Weir - 1
80.40	0.00	80.70	0.00	Weir - 1
80.50	0.00	80.70	0.00	Weir - 1
80.60	0.00	80.70	0.00	Weir - 1
80.70	0.00	80.70	0.00	Weir - 1
80.80	1.75	80.70	0.00	Weir - 1
80.90	3.08	80.70	0.00	Weir - 1
81.00	4.55	80.70	0.00	Weir - 1
81.10	6.16	80.70	0.00	Weir - 1
81.20	7.91	80.70	0.00	Weir - 1
81.30	9.79	80.70	0.00	Weir - 1
81.40	11.78	80.70	0.00	Weir - 1
81.50	13.89	80.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.80	0.00	Weir - 1
79.90	0.00	80.80	0.00	Weir - 1
80.00	0.00	80.80	0.00	Weir - 1
80.10	0.00	80.80	0.00	Weir - 1
80.20	0.00	80.80	0.00	Weir - 1
80.30	0.00	80.80	0.00	Weir - 1
80.40	0.00	80.80	0.00	Weir - 1
80.50	0.00	80.80	0.00	Weir - 1
80.60	0.00	80.80	0.00	Weir - 1
80.70	0.00	80.80	0.00	Weir - 1
80.80	0.00	80.80	0.00	Weir - 1
80.90	2.43	80.80	0.00	Weir - 1
81.00	4.00	80.80	0.00	Weir - 1
81.10	5.66	80.80	0.00	Weir - 1
81.20	7.43	80.80	0.00	Weir - 1
81.30	9.32	80.80	0.00	Weir - 1
81.40	11.32	80.80	0.00	Weir - 1
81.50	13.44	80.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.90	0.00	Weir - 1
79.90	0.00	80.90	0.00	Weir - 1
80.00	0.00	80.90	0.00	Weir - 1
80.10	0.00	80.90	0.00	Weir - 1
80.20	0.00	80.90	0.00	Weir - 1
80.30	0.00	80.90	0.00	Weir - 1
80.40	0.00	80.90	0.00	Weir - 1
80.50	0.00	80.90	0.00	Weir - 1
80.60	0.00	80.90	0.00	Weir - 1
80.70	0.00	80.90	0.00	Weir - 1
80.80	0.00	80.90	0.00	Weir - 1
80.90	0.00	80.90	0.00	Weir - 1
81.00	3.14	80.90	0.00	Weir - 1
81.10	4.95	80.90	0.00	Weir - 1
81.20	6.78	80.90	0.00	Weir - 1
81.30	8.71	80.90	0.00	Weir - 1
81.40	10.74	80.90	0.00	Weir - 1
81.50	12.87	80.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.00	0.00	Weir - 1
79.90	0.00	81.00	0.00	Weir - 1
80.00	0.00	81.00	0.00	Weir - 1
80.10	0.00	81.00	0.00	Weir - 1
80.20	0.00	81.00	0.00	Weir - 1
80.30	0.00	81.00	0.00	Weir - 1
80.40	0.00	81.00	0.00	Weir - 1
80.50	0.00	81.00	0.00	Weir - 1
80.60	0.00	81.00	0.00	Weir - 1
80.70	0.00	81.00	0.00	Weir - 1
80.80	0.00	81.00	0.00	Weir - 1
80.90	0.00	81.00	0.00	Weir - 1
81.00	0.00	81.00	0.00	Weir - 1
81.10	3.86	81.00	0.00	Weir - 1
81.20	5.91	81.00	0.00	Weir - 1
81.30	7.93	81.00	0.00	Weir - 1
81.40	10.01	81.00	0.00	Weir - 1
81.50	12.17	81.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.10	0.00	Weir - 1
79.90	0.00	81.10	0.00	Weir - 1
80.00	0.00	81.10	0.00	Weir - 1
80.10	0.00	81.10	0.00	Weir - 1
80.20	0.00	81.10	0.00	Weir - 1
80.30	0.00	81.10	0.00	Weir - 1
80.40	0.00	81.10	0.00	Weir - 1
80.50	0.00	81.10	0.00	Weir - 1
80.60	0.00	81.10	0.00	Weir - 1
80.70	0.00	81.10	0.00	Weir - 1
80.80	0.00	81.10	0.00	Weir - 1
80.90	0.00	81.10	0.00	Weir - 1
81.00	0.00	81.10	0.00	Weir - 1
81.10	0.00	81.10	0.00	Weir - 1
81.20	4.59	81.10	0.00	Weir - 1
81.30	6.88	81.10	0.00	Weir - 1
81.40	9.08	81.10	0.00	Weir - 1
81.50	11.32	81.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.20	0.00	Weir - 1
79.90	0.00	81.20	0.00	Weir - 1
80.00	0.00	81.20	0.00	Weir - 1
80.10	0.00	81.20	0.00	Weir - 1
80.20	0.00	81.20	0.00	Weir - 1
80.30	0.00	81.20	0.00	Weir - 1
80.40	0.00	81.20	0.00	Weir - 1
80.50	0.00	81.20	0.00	Weir - 1
80.60	0.00	81.20	0.00	Weir - 1
80.70	0.00	81.20	0.00	Weir - 1
80.80	0.00	81.20	0.00	Weir - 1
80.90	0.00	81.20	0.00	Weir - 1
81.00	0.00	81.20	0.00	Weir - 1
81.10	0.00	81.20	0.00	Weir - 1
81.20	0.00	81.20	0.00	Weir - 1
81.30	5.34	81.20	0.00	Weir - 1
81.40	7.87	81.20	0.00	Weir - 1
81.50	10.26	81.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.30	0.00	Weir - 1
79.90	0.00	81.30	0.00	Weir - 1
80.00	0.00	81.30	0.00	Weir - 1
80.10	0.00	81.30	0.00	Weir - 1
80.20	0.00	81.30	0.00	Weir - 1
80.30	0.00	81.30	0.00	Weir - 1
80.40	0.00	81.30	0.00	Weir - 1
80.50	0.00	81.30	0.00	Weir - 1
80.60	0.00	81.30	0.00	Weir - 1
80.70	0.00	81.30	0.00	Weir - 1
80.80	0.00	81.30	0.00	Weir - 1
80.90	0.00	81.30	0.00	Weir - 1
81.00	0.00	81.30	0.00	Weir - 1
81.10	0.00	81.30	0.00	Weir - 1
81.20	0.00	81.30	0.00	Weir - 1
81.30	0.00	81.30	0.00	Weir - 1
81.40	6.10	81.30	0.00	Weir - 1
81.50	8.87	81.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.40	0.00	Weir - 1
79.90	0.00	81.40	0.00	Weir - 1
80.00	0.00	81.40	0.00	Weir - 1
80.10	0.00	81.40	0.00	Weir - 1
80.20	0.00	81.40	0.00	Weir - 1
80.30	0.00	81.40	0.00	Weir - 1
80.40	0.00	81.40	0.00	Weir - 1
80.50	0.00	81.40	0.00	Weir - 1
80.60	0.00	81.40	0.00	Weir - 1
80.70	0.00	81.40	0.00	Weir - 1
80.80	0.00	81.40	0.00	Weir - 1
80.90	0.00	81.40	0.00	Weir - 1
81.00	0.00	81.40	0.00	Weir - 1
81.10	0.00	81.40	0.00	Weir - 1
81.20	0.00	81.40	0.00	Weir - 1
81.30	0.00	81.40	0.00	Weir - 1
81.40	0.00	81.40	0.00	Weir - 1
81.50	6.87	81.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.50	0.00	Weir - 1
79.90	0.00	81.50	0.00	Weir - 1
80.00	0.00	81.50	0.00	Weir - 1
80.10	0.00	81.50	0.00	Weir - 1
80.20	0.00	81.50	0.00	Weir - 1
80.30	0.00	81.50	0.00	Weir - 1
80.40	0.00	81.50	0.00	Weir - 1
80.50	0.00	81.50	0.00	Weir - 1
80.60	0.00	81.50	0.00	Weir - 1
80.70	0.00	81.50	0.00	Weir - 1
80.80	0.00	81.50	0.00	Weir - 1
80.90	0.00	81.50	0.00	Weir - 1
81.00	0.00	81.50	0.00	Weir - 1
81.10	0.00	81.50	0.00	Weir - 1
81.20	0.00	81.50	0.00	Weir - 1
81.30	0.00	81.50	0.00	Weir - 1
81.40	0.00	81.50	0.00	Weir - 1
81.50	0.00	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.50	0.00	None Contributing
80.30	0.00	78.50	0.00	None Contributing
80.40	0.00	78.50	0.00	None Contributing
80.50	0.00	78.50	0.00	None Contributing
80.60	0.00	78.50	0.00	None Contributing
80.70	0.00	78.50	0.00	None Contributing
80.80	0.00	78.50	0.00	None Contributing
80.90	0.00	78.50	0.00	None Contributing
81.00	0.00	78.50	0.00	None Contributing
81.10	0.00	78.50	0.00	None Contributing
81.20	0.00	78.50	0.00	None Contributing
81.30	0.01	78.50	0.00	Orificer - 1
81.40	0.05	78.50	0.00	Orificer - 1
81.50	0.07	78.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.60	0.00	None Contributing
80.30	0.00	78.60	0.00	None Contributing
80.40	0.00	78.60	0.00	None Contributing
80.50	0.00	78.60	0.00	None Contributing
80.60	0.00	78.60	0.00	None Contributing
80.70	0.00	78.60	0.00	None Contributing
80.80	0.00	78.60	0.00	None Contributing
80.90	0.00	78.60	0.00	None Contributing
81.00	0.00	78.60	0.00	None Contributing
81.10	0.00	78.60	0.00	None Contributing
81.20	0.00	78.60	0.00	None Contributing
81.30	0.01	78.60	0.00	Orificer - 1
81.40	0.05	78.60	0.00	Orificer - 1
81.50	0.07	78.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.70	0.00	None Contributing
80.30	0.00	78.70	0.00	None Contributing
80.40	0.00	78.70	0.00	None Contributing
80.50	0.00	78.70	0.00	None Contributing
80.60	0.00	78.70	0.00	None Contributing
80.70	0.00	78.70	0.00	None Contributing
80.80	0.00	78.70	0.00	None Contributing
80.90	0.00	78.70	0.00	None Contributing
81.00	0.00	78.70	0.00	None Contributing
81.10	0.00	78.70	0.00	None Contributing
81.20	0.00	78.70	0.00	None Contributing
81.30	0.01	78.70	0.00	Orificer - 1
81.40	0.05	78.70	0.00	Orificer - 1
81.50	0.07	78.70	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.80	0.00	None Contributing
80.30	0.00	78.80	0.00	None Contributing
80.40	0.00	78.80	0.00	None Contributing
80.50	0.00	78.80	0.00	None Contributing
80.60	0.00	78.80	0.00	None Contributing
80.70	0.00	78.80	0.00	None Contributing
80.80	0.00	78.80	0.00	None Contributing
80.90	0.00	78.80	0.00	None Contributing
81.00	0.00	78.80	0.00	None Contributing
81.10	0.00	78.80	0.00	None Contributing
81.20	0.00	78.80	0.00	None Contributing
81.30	0.01	78.80	0.00	Orificer - 1
81.40	0.05	78.80	0.00	Orificer - 1
81.50	0.07	78.80	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.90	0.00	None Contributing
80.30	0.00	78.90	0.00	None Contributing
80.40	0.00	78.90	0.00	None Contributing
80.50	0.00	78.90	0.00	None Contributing
80.60	0.00	78.90	0.00	None Contributing
80.70	0.00	78.90	0.00	None Contributing
80.80	0.00	78.90	0.00	None Contributing
80.90	0.00	78.90	0.00	None Contributing
81.00	0.00	78.90	0.00	None Contributing
81.10	0.00	78.90	0.00	None Contributing
81.20	0.00	78.90	0.00	None Contributing
81.30	0.01	78.90	0.00	Orificer - 1
81.40	0.05	78.90	0.00	Orificer - 1
81.50	0.07	78.90	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.00	0.00	None Contributing
80.30	0.00	79.00	0.00	None Contributing
80.40	0.00	79.00	0.00	None Contributing
80.50	0.00	79.00	0.00	None Contributing
80.60	0.00	79.00	0.00	None Contributing
80.70	0.00	79.00	0.00	None Contributing
80.80	0.00	79.00	0.00	None Contributing
80.90	0.00	79.00	0.00	None Contributing
81.00	0.00	79.00	0.00	None Contributing
81.10	0.00	79.00	0.00	None Contributing
81.20	0.00	79.00	0.00	None Contributing
81.30	0.01	79.00	0.00	Orificer - 1
81.40	0.05	79.00	0.00	Orificer - 1
81.50	0.07	79.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.10	0.00	None Contributing
80.30	0.00	79.10	0.00	None Contributing
80.40	0.00	79.10	0.00	None Contributing
80.50	0.00	79.10	0.00	None Contributing
80.60	0.00	79.10	0.00	None Contributing
80.70	0.00	79.10	0.00	None Contributing
80.80	0.00	79.10	0.00	None Contributing
80.90	0.00	79.10	0.00	None Contributing
81.00	0.00	79.10	0.00	None Contributing
81.10	0.00	79.10	0.00	None Contributing
81.20	0.00	79.10	0.00	None Contributing
81.30	0.01	79.10	0.00	Orificer - 1
81.40	0.05	79.10	0.00	Orificer - 1
81.50	0.07	79.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.20	0.00	None Contributing
80.30	0.00	79.20	0.00	None Contributing
80.40	0.00	79.20	0.00	None Contributing
80.50	0.00	79.20	0.00	None Contributing
80.60	0.00	79.20	0.00	None Contributing
80.70	0.00	79.20	0.00	None Contributing
80.80	0.00	79.20	0.00	None Contributing
80.90	0.00	79.20	0.00	None Contributing
81.00	0.00	79.20	0.00	None Contributing
81.10	0.00	79.20	0.00	None Contributing
81.20	0.00	79.20	0.00	None Contributing
81.30	0.01	79.20	0.00	Orificer - 1
81.40	0.05	79.20	0.00	Orificer - 1
81.50	0.07	79.20	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.30	0.00	None Contributing
80.30	0.00	79.30	0.00	None Contributing
80.40	0.00	79.30	0.00	None Contributing
80.50	0.00	79.30	0.00	None Contributing
80.60	0.00	79.30	0.00	None Contributing
80.70	0.00	79.30	0.00	None Contributing
80.80	0.00	79.30	0.00	None Contributing
80.90	0.00	79.30	0.00	None Contributing
81.00	0.00	79.30	0.00	None Contributing
81.10	0.00	79.30	0.00	None Contributing
81.20	0.00	79.30	0.00	None Contributing
81.30	0.01	79.30	0.00	Orificer - 1
81.40	0.05	79.30	0.00	Orificer - 1
81.50	0.07	79.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.40	0.00	None Contributing
80.30	0.00	79.40	0.00	None Contributing
80.40	0.00	79.40	0.00	None Contributing
80.50	0.00	79.40	0.00	None Contributing
80.60	0.00	79.40	0.00	None Contributing
80.70	0.00	79.40	0.00	None Contributing
80.80	0.00	79.40	0.00	None Contributing
80.90	0.00	79.40	0.00	None Contributing
81.00	0.00	79.40	0.00	None Contributing
81.10	0.00	79.40	0.00	None Contributing
81.20	0.00	79.40	0.00	None Contributing
81.30	0.01	79.40	0.00	Orificer - 1
81.40	0.05	79.40	0.00	Orificer - 1
81.50	0.07	79.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.50	0.00	None Contributing
80.30	0.00	79.50	0.00	None Contributing
80.40	0.00	79.50	0.00	None Contributing
80.50	0.00	79.50	0.00	None Contributing
80.60	0.00	79.50	0.00	None Contributing
80.70	0.00	79.50	0.00	None Contributing
80.80	0.00	79.50	0.00	None Contributing
80.90	0.00	79.50	0.00	None Contributing
81.00	0.00	79.50	0.00	None Contributing
81.10	0.00	79.50	0.00	None Contributing
81.20	0.00	79.50	0.00	None Contributing
81.30	0.01	79.50	0.00	Orificer - 1
81.40	0.05	79.50	0.00	Orificer - 1
81.50	0.07	79.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.60	0.00	None Contributing
80.30	0.00	79.60	0.00	None Contributing
80.40	0.00	79.60	0.00	None Contributing
80.50	0.00	79.60	0.00	None Contributing
80.60	0.00	79.60	0.00	None Contributing
80.70	0.00	79.60	0.00	None Contributing
80.80	0.00	79.60	0.00	None Contributing
80.90	0.00	79.60	0.00	None Contributing
81.00	0.00	79.60	0.00	None Contributing
81.10	0.00	79.60	0.00	None Contributing
81.20	0.00	79.60	0.00	None Contributing
81.30	0.01	79.60	0.00	Orificer - 1
81.40	0.05	79.60	0.00	Orificer - 1
81.50	0.07	79.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.70	0.00	None Contributing
80.30	0.00	79.70	0.00	None Contributing
80.40	0.00	79.70	0.00	None Contributing
80.50	0.00	79.70	0.00	None Contributing
80.60	0.00	79.70	0.00	None Contributing
80.70	0.00	79.70	0.00	None Contributing
80.80	0.00	79.70	0.00	None Contributing
80.90	0.00	79.70	0.00	None Contributing
81.00	0.00	79.70	0.00	None Contributing
81.10	0.00	79.70	0.00	None Contributing
81.20	0.00	79.70	0.00	None Contributing
81.30	0.01	79.70	0.00	Orificer - 1
81.40	0.05	79.70	0.00	Orificer - 1
81.50	0.07	79.70	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.80	0.00	None Contributing
80.30	0.00	79.80	0.00	None Contributing
80.40	0.00	79.80	0.00	None Contributing
80.50	0.00	79.80	0.00	None Contributing
80.60	0.00	79.80	0.00	None Contributing
80.70	0.00	79.80	0.00	None Contributing
80.80	0.00	79.80	0.00	None Contributing
80.90	0.00	79.80	0.00	None Contributing
81.00	0.00	79.80	0.00	None Contributing
81.10	0.00	79.80	0.00	None Contributing
81.20	0.00	79.80	0.00	None Contributing
81.30	0.01	79.80	0.00	Orificer - 1
81.40	0.05	79.80	0.00	Orificer - 1
81.50	0.07	79.80	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.90	0.00	None Contributing
80.30	0.00	79.90	0.00	None Contributing
80.40	0.00	79.90	0.00	None Contributing
80.50	0.00	79.90	0.00	None Contributing
80.60	0.00	79.90	0.00	None Contributing
80.70	0.00	79.90	0.00	None Contributing
80.80	0.00	79.90	0.00	None Contributing
80.90	0.00	79.90	0.00	None Contributing
81.00	0.00	79.90	0.00	None Contributing
81.10	0.00	79.90	0.00	None Contributing
81.20	0.00	79.90	0.00	None Contributing
81.30	0.01	79.90	0.00	Orificer - 1
81.40	0.05	79.90	0.00	Orificer - 1
81.50	0.07	79.90	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.00	0.00	None Contributing
80.30	0.00	80.00	0.00	None Contributing
80.40	0.00	80.00	0.00	None Contributing
80.50	0.00	80.00	0.00	None Contributing
80.60	0.00	80.00	0.00	None Contributing
80.70	0.00	80.00	0.00	None Contributing
80.80	0.00	80.00	0.00	None Contributing
80.90	0.00	80.00	0.00	None Contributing
81.00	0.00	80.00	0.00	None Contributing
81.10	0.00	80.00	0.00	None Contributing
81.20	0.00	80.00	0.00	None Contributing
81.30	0.01	80.00	0.00	Orificer - 1
81.40	0.05	80.00	0.00	Orificer - 1
81.50	0.07	80.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.10	0.00	None Contributing
80.30	0.00	80.10	0.00	None Contributing
80.40	0.00	80.10	0.00	None Contributing
80.50	0.00	80.10	0.00	None Contributing
80.60	0.00	80.10	0.00	None Contributing
80.70	0.00	80.10	0.00	None Contributing
80.80	0.00	80.10	0.00	None Contributing
80.90	0.00	80.10	0.00	None Contributing
81.00	0.00	80.10	0.00	None Contributing
81.10	0.00	80.10	0.00	None Contributing
81.20	0.00	80.10	0.00	None Contributing
81.30	0.01	80.10	0.00	Orificer - 1
81.40	0.05	80.10	0.00	Orificer - 1
81.50	0.07	80.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.20	0.00	None Contributing
80.30	0.00	80.20	0.00	None Contributing
80.40	0.00	80.20	0.00	None Contributing
80.50	0.00	80.20	0.00	None Contributing
80.60	0.00	80.20	0.00	None Contributing
80.70	0.00	80.20	0.00	None Contributing
80.80	0.00	80.20	0.00	None Contributing
80.90	0.00	80.20	0.00	None Contributing
81.00	0.00	80.20	0.00	None Contributing
81.10	0.00	80.20	0.00	None Contributing
81.20	0.00	80.20	0.00	None Contributing
81.30	0.01	80.20	0.00	Orificer - 1
81.40	0.05	80.20	0.00	Orificer - 1
81.50	0.07	80.20	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.30	0.00	Orificer - 1
80.30	0.00	80.30	0.00	None Contributing
80.40	0.00	80.30	0.00	None Contributing
80.50	0.00	80.30	0.00	None Contributing
80.60	0.00	80.30	0.00	None Contributing
80.70	0.00	80.30	0.00	None Contributing
80.80	0.00	80.30	0.00	None Contributing
80.90	0.00	80.30	0.00	None Contributing
81.00	0.00	80.30	0.00	None Contributing
81.10	0.00	80.30	0.00	None Contributing
81.20	0.00	80.30	0.00	None Contributing
81.30	0.01	80.30	0.00	Orificer - 1
81.40	0.05	80.30	0.00	Orificer - 1
81.50	0.07	80.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.40	0.00	Orificer - 1
80.30	0.00	80.40	0.00	Orificer - 1
80.40	0.00	80.40	0.00	None Contributing
80.50	0.00	80.40	0.00	None Contributing
80.60	0.00	80.40	0.00	None Contributing
80.70	0.00	80.40	0.00	None Contributing
80.80	0.00	80.40	0.00	None Contributing
80.90	0.00	80.40	0.00	None Contributing
81.00	0.00	80.40	0.00	None Contributing
81.10	0.00	80.40	0.00	None Contributing
81.20	0.00	80.40	0.00	None Contributing
81.30	0.01	80.40	0.00	Orificer - 1
81.40	0.05	80.40	0.00	Orificer - 1
81.50	0.07	80.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.50	0.00	Orificer - 1
80.30	0.00	80.50	0.00	Orificer - 1
80.40	0.00	80.50	0.00	Orificer - 1
80.50	0.00	80.50	0.00	None Contributing
80.60	0.00	80.50	0.00	None Contributing
80.70	0.00	80.50	0.00	None Contributing
80.80	0.00	80.50	0.00	None Contributing
80.90	0.00	80.50	0.00	None Contributing
81.00	0.00	80.50	0.00	None Contributing
81.10	0.00	80.50	0.00	None Contributing
81.20	0.00	80.50	0.00	None Contributing
81.30	0.01	80.50	0.00	Orificer - 1
81.40	0.05	80.50	0.00	Orificer - 1
81.50	0.07	80.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.60	0.00	Orificer - 1
80.30	0.00	80.60	0.00	Orificer - 1
80.40	0.00	80.60	0.00	Orificer - 1
80.50	0.00	80.60	0.00	Orificer - 1
80.60	0.00	80.60	0.00	None Contributing
80.70	0.00	80.60	0.00	None Contributing
80.80	0.00	80.60	0.00	None Contributing
80.90	0.00	80.60	0.00	None Contributing
81.00	0.00	80.60	0.00	None Contributing
81.10	0.00	80.60	0.00	None Contributing
81.20	0.00	80.60	0.00	None Contributing
81.30	0.01	80.60	0.00	Orificer - 1
81.40	0.05	80.60	0.00	Orificer - 1
81.50	0.07	80.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.70	0.00	Orificer - 1
80.30	0.00	80.70	0.00	Orificer - 1
80.40	0.00	80.70	0.00	Orificer - 1
80.50	0.00	80.70	0.00	Orificer - 1
80.60	0.00	80.70	0.00	Orificer - 1
80.70	0.00	80.70	0.00	None Contributing
80.80	0.00	80.70	0.00	None Contributing
80.90	0.00	80.70	0.00	None Contributing
81.00	0.00	80.70	0.00	None Contributing
81.10	0.00	80.70	0.00	None Contributing
81.20	0.00	80.70	0.00	None Contributing
81.30	0.01	80.70	0.00	Orificer - 1
81.40	0.05	80.70	0.00	Orificer - 1
81.50	0.07	80.70	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.80	0.00	Orificer - 1
80.30	0.00	80.80	0.00	Orificer - 1
80.40	0.00	80.80	0.00	Orificer - 1
80.50	0.00	80.80	0.00	Orificer - 1
80.60	0.00	80.80	0.00	Orificer - 1
80.70	0.00	80.80	0.00	Orificer - 1
80.80	0.00	80.80	0.00	None Contributing
80.90	0.00	80.80	0.00	None Contributing
81.00	0.00	80.80	0.00	None Contributing
81.10	0.00	80.80	0.00	None Contributing
81.20	0.00	80.80	0.00	None Contributing
81.30	0.01	80.80	0.00	Orificer - 1
81.40	0.05	80.80	0.00	Orificer - 1
81.50	0.07	80.80	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.90	0.00	Orificer - 1
80.30	0.00	80.90	0.00	Orificer - 1
80.40	0.00	80.90	0.00	Orificer - 1
80.50	0.00	80.90	0.00	Orificer - 1
80.60	0.00	80.90	0.00	Orificer - 1
80.70	0.00	80.90	0.00	Orificer - 1
80.80	0.00	80.90	0.00	Orificer - 1
80.90	0.00	80.90	0.00	None Contributing
81.00	0.00	80.90	0.00	None Contributing
81.10	0.00	80.90	0.00	None Contributing
81.20	0.00	80.90	0.00	None Contributing
81.30	0.01	80.90	0.00	Orificer - 1
81.40	0.05	80.90	0.00	Orificer - 1
81.50	0.07	80.90	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.00	0.00	Orificer - 1
80.30	0.00	81.00	0.00	Orificer - 1
80.40	0.00	81.00	0.00	Orificer - 1
80.50	0.00	81.00	0.00	Orificer - 1
80.60	0.00	81.00	0.00	Orificer - 1
80.70	0.00	81.00	0.00	Orificer - 1
80.80	0.00	81.00	0.00	Orificer - 1
80.90	0.00	81.00	0.00	Orificer - 1
81.00	0.00	81.00	0.00	None Contributing
81.10	0.00	81.00	0.00	None Contributing
81.20	0.00	81.00	0.00	None Contributing
81.30	0.01	81.00	0.00	Orificer - 1
81.40	0.05	81.00	0.00	Orificer - 1
81.50	0.07	81.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.10	0.00	Orificer - 1
80.30	0.00	81.10	0.00	Orificer - 1
80.40	0.00	81.10	0.00	Orificer - 1
80.50	0.00	81.10	0.00	Orificer - 1
80.60	0.00	81.10	0.00	Orificer - 1
80.70	0.00	81.10	0.00	Orificer - 1
80.80	0.00	81.10	0.00	Orificer - 1
80.90	0.00	81.10	0.00	Orificer - 1
81.00	0.00	81.10	0.00	Orificer - 1
81.10	0.00	81.10	0.00	None Contributing
81.20	0.00	81.10	0.00	None Contributing
81.30	0.01	81.10	0.00	Orificer - 1
81.40	0.05	81.10	0.00	Orificer - 1
81.50	0.07	81.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.20	0.00	Orificer - 1
80.30	0.00	81.20	0.00	Orificer - 1
80.40	0.00	81.20	0.00	Orificer - 1
80.50	0.00	81.20	0.00	Orificer - 1
80.60	0.00	81.20	0.00	Orificer - 1
80.70	0.00	81.20	0.00	Orificer - 1
80.80	0.00	81.20	0.00	Orificer - 1
80.90	0.00	81.20	0.00	Orificer - 1
81.00	0.00	81.20	0.00	Orificer - 1
81.10	0.00	81.20	0.00	Orificer - 1
81.20	0.00	81.20	0.00	None Contributing
81.30	0.01	81.20	0.00	Orificer - 1
81.40	0.05	81.20	0.00	Orificer - 1
81.50	0.07	81.20	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.30	0.00	Orificer - 1
80.30	0.00	81.30	0.00	Orificer - 1
80.40	0.00	81.30	0.00	Orificer - 1
80.50	0.00	81.30	0.00	Orificer - 1
80.60	0.00	81.30	0.00	Orificer - 1
80.70	0.00	81.30	0.00	Orificer - 1
80.80	0.00	81.30	0.00	Orificer - 1
80.90	0.00	81.30	0.00	Orificer - 1
81.00	0.00	81.30	0.00	Orificer - 1
81.10	0.00	81.30	0.00	Orificer - 1
81.20	0.00	81.30	0.00	Orificer - 1
81.30	0.00	81.30	0.00	Orificer - 1
81.40	0.05	81.30	0.00	Orificer - 1
81.50	0.07	81.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.40	0.00	Orificer - 1
80.30	0.00	81.40	0.00	Orificer - 1
80.40	0.00	81.40	0.00	Orificer - 1
80.50	0.00	81.40	0.00	Orificer - 1
80.60	0.00	81.40	0.00	Orificer - 1
80.70	0.00	81.40	0.00	Orificer - 1
80.80	0.00	81.40	0.00	Orificer - 1
80.90	0.00	81.40	0.00	Orificer - 1
81.00	0.00	81.40	0.00	Orificer - 1
81.10	0.00	81.40	0.00	Orificer - 1
81.20	0.00	81.40	0.00	Orificer - 1
81.30	0.00	81.40	0.00	Orificer - 1
81.40	0.00	81.40	0.00	Orificer - 1
81.50	0.05	81.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.50	0.00	Orificer - 1
80.30	0.00	81.50	0.00	Orificer - 1
80.40	0.00	81.50	0.00	Orificer - 1
80.50	0.00	81.50	0.00	Orificer - 1
80.60	0.00	81.50	0.00	Orificer - 1
80.70	0.00	81.50	0.00	Orificer - 1
80.80	0.00	81.50	0.00	Orificer - 1
80.90	0.00	81.50	0.00	Orificer - 1
81.00	0.00	81.50	0.00	Orificer - 1
81.10	0.00	81.50	0.00	Orificer - 1
81.20	0.00	81.50	0.00	Orificer - 1
81.30	0.00	81.50	0.00	Orificer - 1
81.40	0.00	81.50	0.00	Orificer - 1
81.50	0.00	81.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.50	0.00	(N/A)	0.00	None Contributing
80.60	0.00	(N/A)	0.00	None Contributing
80.70	0.00	(N/A)	0.00	None Contributing
80.80	0.00	(N/A)	0.00	None Contributing
80.90	0.00	(N/A)	0.00	None Contributing
81.00	0.00	(N/A)	0.00	None Contributing
81.10	0.00	(N/A)	0.00	None Contributing
81.20	0.00	(N/A)	0.00	None Contributing
81.30	0.00	(N/A)	0.00	None Contributing
81.40	0.00	(N/A)	0.00	None Contributing
81.50	0.00	(N/A)	0.00	Weir - 1
81.60	5.06	(N/A)	0.00	Weir - 1
81.70	14.31	(N/A)	0.00	Weir - 1
81.80	26.29	(N/A)	0.00	Weir - 1
81.90	40.48	(N/A)	0.00	Weir - 1
82.00	56.57	(N/A)	0.00	Weir - 1
82.10	74.36	(N/A)	0.00	Weir - 1
82.20	93.71	(N/A)	0.00	Weir - 1
82.30	114.49	(N/A)	0.00	Weir - 1
82.40	136.61	(N/A)	0.00	Weir - 1
82.50	160.00	(N/A)	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
77.00	0.00	(N/A)	0.00	None Contributing
77.10	0.00	(N/A)	0.00	None Contributing
77.20	0.00	(N/A)	0.00	None Contributing
77.22	0.00	(N/A)	0.00	None Contributing
77.30	0.01	(N/A)	0.00	Orifice - 1
77.40	0.04	(N/A)	0.00	Orifice - 1
77.50	0.07	(N/A)	0.00	Orifice - 1
77.60	0.09	(N/A)	0.00	Orifice - 1
77.70	0.10	(N/A)	0.00	Orifice - 1
77.80	0.11	(N/A)	0.00	Orifice - 1
77.90	0.12	(N/A)	0.00	Orifice - 1
78.00	0.13	(N/A)	0.00	Orifice - 1
78.10	0.14	(N/A)	0.00	Orifice - 1
78.20	0.15	(N/A)	0.00	Orifice - 1
78.30	0.16	(N/A)	0.00	Orifice - 1
78.40	0.17	(N/A)	0.00	Orifice - 1
78.50	0.18	(N/A)	0.00	Orifice - 1
78.60	0.19	(N/A)	0.00	Orifice - 1
78.70	0.19	(N/A)	0.00	Orifice - 1
78.80	0.20	(N/A)	0.00	Orifice - 1
78.90	0.21	(N/A)	0.00	Orifice - 1
79.00	0.21	(N/A)	0.00	Orifice - 1
79.10	0.22	(N/A)	0.00	Orifice - 1
79.20	0.22	(N/A)	0.00	Orifice - 1
79.30	0.23	(N/A)	0.00	Orifice - 1
79.40	0.24	(N/A)	0.00	Orifice - 1
79.50	0.24	(N/A)	0.00	Orifice - 1
79.60	0.25	(N/A)	0.00	Orifice - 1
79.70	0.25	(N/A)	0.00	Orifice - 1
79.80	0.26	(N/A)	0.00	Orifice - 1
79.90	0.26	(N/A)	0.00	Orifice - 1
80.00	0.27	(N/A)	0.00	Orifice - 1
80.10	0.27	(N/A)	0.00	Orifice - 1
80.20	0.28	(N/A)	0.00	Orifice - 1
80.30	0.28	(N/A)	0.00	Orifice - 1
80.40	0.29	(N/A)	0.00	Orifice - 1
80.50	0.29	(N/A)	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: OCS - B
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	(N/A)	0.00	None Contributing
78.60	0.00	(N/A)	0.00	None Contributing
78.70	0.02	(N/A)	0.00	Orifice - 1
78.80	0.06	(N/A)	0.00	Orifice - 1
78.90	0.10	(N/A)	0.00	Orifice - 1
79.00	0.12	(N/A)	0.00	Orifice - 1
79.10	0.14	(N/A)	0.00	Orifice - 1
79.20	0.16	(N/A)	0.00	Orifice - 1
79.30	0.18	(N/A)	0.00	Orifice - 1
79.40	0.19	(N/A)	0.00	Orifice - 1 + Weir - 1
79.50	0.41	(N/A)	0.00	Orifice - 1 + Weir - 1
79.60	0.79	(N/A)	0.00	Orifice - 1 + Weir - 1
79.63	0.93	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.70	1.43	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.80	2.42	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.90	3.64	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.00	5.04	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.10	6.60	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.20	8.31	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.30	10.15	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.40	12.11	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.50	14.19	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.60	16.38	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.70	18.67	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.80	21.07	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.90	23.56	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.00	26.14	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.10	28.81	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.20	31.57	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.30	34.41	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.40	37.33	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.50	40.33	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.50	0.00	None Contributing
79.57	0.00	78.50	0.00	None Contributing
79.60	0.00	78.50	0.00	Orifice - 1
79.70	0.02	78.50	0.00	Orifice - 1
79.80	0.06	78.50	0.00	Orifice - 1
79.90	0.08	78.50	0.00	Orifice - 1
80.00	0.09	78.50	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.50	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.50	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.50	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.50	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.50	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.50	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.50	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.50	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.50	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.50	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.50	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.50	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.50	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.50	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.60	0.00	None Contributing
79.57	0.00	78.60	0.00	None Contributing
79.60	0.00	78.60	0.00	Orifice - 1
79.70	0.02	78.60	0.00	Orifice - 1
79.80	0.06	78.60	0.00	Orifice - 1
79.90	0.08	78.60	0.00	Orifice - 1
80.00	0.09	78.60	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.60	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.60	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.60	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.60	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.60	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.60	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.60	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.60	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.60	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.60	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.60	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.60	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.60	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.60	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.60	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.70	0.00	None Contributing
79.57	0.00	78.70	0.00	None Contributing
79.60	0.00	78.70	0.00	Orifice - 1
79.70	0.02	78.70	0.00	Orifice - 1
79.80	0.06	78.70	0.00	Orifice - 1
79.90	0.08	78.70	0.00	Orifice - 1
80.00	0.09	78.70	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.70	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.70	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.70	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.70	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.70	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.70	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.70	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.70	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.70	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.70	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.70	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.70	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.70	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.70	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.80	0.00	None Contributing
79.57	0.00	78.80	0.00	None Contributing
79.60	0.00	78.80	0.00	Orifice - 1
79.70	0.02	78.80	0.00	Orifice - 1
79.80	0.06	78.80	0.00	Orifice - 1
79.90	0.08	78.80	0.00	Orifice - 1
80.00	0.09	78.80	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.80	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.80	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.80	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.80	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.80	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.80	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.80	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.80	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.80	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.80	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.80	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.80	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.80	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.80	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.90	0.00	None Contributing
79.57	0.00	78.90	0.00	None Contributing
79.60	0.00	78.90	0.00	Orifice - 1
79.70	0.02	78.90	0.00	Orifice - 1
79.80	0.06	78.90	0.00	Orifice - 1
79.90	0.08	78.90	0.00	Orifice - 1
80.00	0.09	78.90	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.90	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.90	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.90	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.90	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.90	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.90	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.90	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.90	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.90	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.90	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.90	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.90	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.90	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.90	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.00	0.00	None Contributing
79.57	0.00	79.00	0.00	None Contributing
79.60	0.00	79.00	0.00	Orifice - 1
79.70	0.02	79.00	0.00	Orifice - 1
79.80	0.06	79.00	0.00	Orifice - 1
79.90	0.08	79.00	0.00	Orifice - 1
80.00	0.09	79.00	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.00	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.00	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.00	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.00	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.00	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.00	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.00	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.00	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.00	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.00	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.00	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.00	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.00	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.00	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.00	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.10	0.00	None Contributing
79.57	0.00	79.10	0.00	None Contributing
79.60	0.00	79.10	0.00	Orifice - 1
79.70	0.02	79.10	0.00	Orifice - 1
79.80	0.06	79.10	0.00	Orifice - 1
79.90	0.08	79.10	0.00	Orifice - 1
80.00	0.09	79.10	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.10	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.10	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.10	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.10	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.10	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.10	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.10	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.10	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.10	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.10	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.10	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.10	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.10	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.10	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.10	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.20	0.00	None Contributing
79.57	0.00	79.20	0.00	None Contributing
79.60	0.00	79.20	0.00	Orifice - 1
79.70	0.02	79.20	0.00	Orifice - 1
79.80	0.06	79.20	0.00	Orifice - 1
79.90	0.08	79.20	0.00	Orifice - 1
80.00	0.09	79.20	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.20	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.20	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.20	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.20	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.20	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.20	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.20	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.20	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.20	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.20	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.20	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.20	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.20	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.20	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.20	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.30	0.00	None Contributing
79.57	0.00	79.30	0.00	None Contributing
79.60	0.00	79.30	0.00	Orifice - 1
79.70	0.02	79.30	0.00	Orifice - 1
79.80	0.06	79.30	0.00	Orifice - 1
79.90	0.08	79.30	0.00	Orifice - 1
80.00	0.09	79.30	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.30	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.30	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.30	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.30	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.30	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.30	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.30	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.30	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.30	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.30	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.30	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.30	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.30	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.30	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.30	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.40	0.00	None Contributing
79.57	0.00	79.40	0.00	None Contributing
79.60	0.00	79.40	0.00	Orifice - 1
79.70	0.02	79.40	0.00	Orifice - 1
79.80	0.06	79.40	0.00	Orifice - 1
79.90	0.08	79.40	0.00	Orifice - 1
80.00	0.09	79.40	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.40	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.40	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.40	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.40	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.40	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.40	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.40	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.40	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.40	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.40	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.40	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.40	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.40	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.40	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.40	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.50	0.00	None Contributing
79.57	0.00	79.50	0.00	None Contributing
79.60	0.00	79.50	0.00	Orifice - 1
79.70	0.02	79.50	0.00	Orifice - 1
79.80	0.06	79.50	0.00	Orifice - 1
79.90	0.08	79.50	0.00	Orifice - 1
80.00	0.09	79.50	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.50	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.50	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.50	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.50	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.50	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.50	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.50	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.50	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.50	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.50	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.50	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.50	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.50	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.50	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.57	0.00	Orifice - 1
79.57	0.00	79.57	0.00	None Contributing
79.60	0.00	79.57	0.00	Orifice - 1
79.70	0.02	79.57	0.00	Orifice - 1
79.80	0.06	79.57	0.00	Orifice - 1
79.90	0.08	79.57	0.00	Orifice - 1
80.00	0.09	79.57	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.57	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.57	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.57	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.57	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.57	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.57	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.57	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.57	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.57	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.57	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.57	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.57	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.57	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.57	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.57	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.60	0.00	Orifice - 1
79.57	0.00	79.60	0.00	Orifice - 1
79.60	0.00	79.60	0.00	Orifice - 1
79.70	0.02	79.60	0.00	Orifice - 1
79.80	0.06	79.60	0.00	Orifice - 1
79.90	0.08	79.60	0.00	Orifice - 1
80.00	0.09	79.60	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.60	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.60	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.60	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.60	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.60	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.60	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.60	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.60	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.60	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.60	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.60	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.60	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.60	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.60	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.60	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.70	0.00	Orifice - 1
79.57	0.00	79.70	0.00	Orifice - 1
79.60	0.00	79.70	0.00	Orifice - 1
79.70	0.00	79.70	0.00	Orifice - 1
79.80	0.05	79.70	0.00	Orifice - 1
79.90	0.07	79.70	0.00	Orifice - 1
80.00	0.09	79.70	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.70	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.70	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.70	0.00	Orifice - 1 + Weir - 1
80.40	0.74	79.70	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.70	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.70	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.70	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.70	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.70	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.70	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.70	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.70	0.00	Orifice - 1 + Weir - 1
81.30	3.76	79.70	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.70	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.80	0.00	Orifice - 1
79.57	0.00	79.80	0.00	Orifice - 1
79.60	0.00	79.80	0.00	Orifice - 1
79.70	0.00	79.80	0.00	Orifice - 1
79.80	0.00	79.80	0.00	Orifice - 1
79.90	0.05	79.80	0.00	Orifice - 1
80.00	0.07	79.80	0.00	Orifice - 1 + Weir - 1
80.10	0.17	79.80	0.00	Orifice - 1 + Weir - 1
80.20	0.32	79.80	0.00	Orifice - 1 + Weir - 1
80.30	0.51	79.80	0.00	Orifice - 1 + Weir - 1
80.40	0.73	79.80	0.00	Orifice - 1 + Weir - 1
80.50	0.99	79.80	0.00	Orifice - 1 + Weir - 1
80.60	1.26	79.80	0.00	Orifice - 1 + Weir - 1
80.70	1.56	79.80	0.00	Orifice - 1 + Weir - 1
80.80	1.88	79.80	0.00	Orifice - 1 + Weir - 1
80.90	2.22	79.80	0.00	Orifice - 1 + Weir - 1
81.00	2.58	79.80	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.80	0.00	Orifice - 1 + Weir - 1
81.20	3.35	79.80	0.00	Orifice - 1 + Weir - 1
81.30	3.76	79.80	0.00	Orifice - 1 + Weir - 1
81.40	4.18	79.80	0.00	Orifice - 1 + Weir - 1
81.50	4.62	79.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.90	0.00	Orifice - 1
79.57	0.00	79.90	0.00	Orifice - 1
79.60	0.00	79.90	0.00	Orifice - 1
79.70	0.00	79.90	0.00	Orifice - 1
79.80	0.00	79.90	0.00	Orifice - 1
79.90	0.00	79.90	0.00	Orifice - 1
80.00	0.05	79.90	0.00	Orifice - 1 + Weir - 1
80.10	0.15	79.90	0.00	Orifice - 1 + Weir - 1
80.20	0.30	79.90	0.00	Orifice - 1 + Weir - 1
80.30	0.50	79.90	0.00	Orifice - 1 + Weir - 1
80.40	0.72	79.90	0.00	Orifice - 1 + Weir - 1
80.50	0.98	79.90	0.00	Orifice - 1 + Weir - 1
80.60	1.25	79.90	0.00	Orifice - 1 + Weir - 1
80.70	1.55	79.90	0.00	Orifice - 1 + Weir - 1
80.80	1.87	79.90	0.00	Orifice - 1 + Weir - 1
80.90	2.21	79.90	0.00	Orifice - 1 + Weir - 1
81.00	2.57	79.90	0.00	Orifice - 1 + Weir - 1
81.10	2.95	79.90	0.00	Orifice - 1 + Weir - 1
81.20	3.34	79.90	0.00	Orifice - 1 + Weir - 1
81.30	3.75	79.90	0.00	Orifice - 1 + Weir - 1
81.40	4.18	79.90	0.00	Orifice - 1 + Weir - 1
81.50	4.62	79.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.00	0.00	Orifice - 1
79.57	0.00	80.00	0.00	Orifice - 1
79.60	0.00	80.00	0.00	Orifice - 1
79.70	0.00	80.00	0.00	Orifice - 1
79.80	0.00	80.00	0.00	Orifice - 1
79.90	0.00	80.00	0.00	Orifice - 1
80.00	0.00	80.00	0.00	Orifice - 1 + Weir - 1
80.10	0.13	80.00	0.00	Orifice - 1 + Weir - 1
80.20	0.29	80.00	0.00	Orifice - 1 + Weir - 1
80.30	0.48	80.00	0.00	Orifice - 1 + Weir - 1
80.40	0.71	80.00	0.00	Orifice - 1 + Weir - 1
80.50	0.96	80.00	0.00	Orifice - 1 + Weir - 1
80.60	1.24	80.00	0.00	Orifice - 1 + Weir - 1
80.70	1.54	80.00	0.00	Orifice - 1 + Weir - 1
80.80	1.86	80.00	0.00	Orifice - 1 + Weir - 1
80.90	2.20	80.00	0.00	Orifice - 1 + Weir - 1
81.00	2.56	80.00	0.00	Orifice - 1 + Weir - 1
81.10	2.94	80.00	0.00	Orifice - 1 + Weir - 1
81.20	3.33	80.00	0.00	Orifice - 1 + Weir - 1
81.30	3.74	80.00	0.00	Orifice - 1 + Weir - 1
81.40	4.17	80.00	0.00	Orifice - 1 + Weir - 1
81.50	4.61	80.00	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.10	0.00	Orifice - 1
79.57	0.00	80.10	0.00	Orifice - 1
79.60	0.00	80.10	0.00	Orifice - 1
79.70	0.00	80.10	0.00	Orifice - 1
79.80	0.00	80.10	0.00	Orifice - 1
79.90	0.00	80.10	0.00	Orifice - 1
80.00	0.00	80.10	0.00	Orifice - 1
80.10	0.00	80.10	0.00	Orifice - 1 + Weir - 1
80.20	0.23	80.10	0.00	Orifice - 1 + Weir - 1
80.30	0.44	80.10	0.00	Orifice - 1 + Weir - 1
80.40	0.67	80.10	0.00	Orifice - 1 + Weir - 1
80.50	0.92	80.10	0.00	Orifice - 1 + Weir - 1
80.60	1.20	80.10	0.00	Orifice - 1 + Weir - 1
80.70	1.50	80.10	0.00	Orifice - 1 + Weir - 1
80.80	1.82	80.10	0.00	Orifice - 1 + Weir - 1
80.90	2.17	80.10	0.00	Orifice - 1 + Weir - 1
81.00	2.53	80.10	0.00	Orifice - 1 + Weir - 1
81.10	2.90	80.10	0.00	Orifice - 1 + Weir - 1
81.20	3.30	80.10	0.00	Orifice - 1 + Weir - 1
81.30	3.71	80.10	0.00	Orifice - 1 + Weir - 1
81.40	4.13	80.10	0.00	Orifice - 1 + Weir - 1
81.50	4.57	80.10	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.20	0.00	Orifice - 1
79.57	0.00	80.20	0.00	Orifice - 1
79.60	0.00	80.20	0.00	Orifice - 1
79.70	0.00	80.20	0.00	Orifice - 1
79.80	0.00	80.20	0.00	Orifice - 1
79.90	0.00	80.20	0.00	Orifice - 1
80.00	0.00	80.20	0.00	Orifice - 1
80.10	0.00	80.20	0.00	Orifice - 1
80.20	0.00	80.20	0.00	Orifice - 1 + Weir - 1
80.30	0.34	80.20	0.00	Orifice - 1 + Weir - 1
80.40	0.59	80.20	0.00	Orifice - 1 + Weir - 1
80.50	0.85	80.20	0.00	Orifice - 1 + Weir - 1
80.60	1.13	80.20	0.00	Orifice - 1 + Weir - 1
80.70	1.43	80.20	0.00	Orifice - 1 + Weir - 1
80.80	1.76	80.20	0.00	Orifice - 1 + Weir - 1
80.90	2.10	80.20	0.00	Orifice - 1 + Weir - 1
81.00	2.46	80.20	0.00	Orifice - 1 + Weir - 1
81.10	2.84	80.20	0.00	Orifice - 1 + Weir - 1
81.20	3.23	80.20	0.00	Orifice - 1 + Weir - 1
81.30	3.65	80.20	0.00	Orifice - 1 + Weir - 1
81.40	4.07	80.20	0.00	Orifice - 1 + Weir - 1
81.50	4.51	80.20	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.30	0.00	Orifice - 1
79.57	0.00	80.30	0.00	Orifice - 1
79.60	0.00	80.30	0.00	Orifice - 1
79.70	0.00	80.30	0.00	Orifice - 1
79.80	0.00	80.30	0.00	Orifice - 1
79.90	0.00	80.30	0.00	Orifice - 1
80.00	0.00	80.30	0.00	Orifice - 1
80.10	0.00	80.30	0.00	Orifice - 1
80.20	0.00	80.30	0.00	Orifice - 1
80.30	0.00	80.30	0.00	Orifice - 1 + Weir - 1
80.40	0.46	80.30	0.00	Orifice - 1 + Weir - 1
80.50	0.74	80.30	0.00	Orifice - 1 + Weir - 1
80.60	1.03	80.30	0.00	Orifice - 1 + Weir - 1
80.70	1.34	80.30	0.00	Orifice - 1 + Weir - 1
80.80	1.67	80.30	0.00	Orifice - 1 + Weir - 1
80.90	2.01	80.30	0.00	Orifice - 1 + Weir - 1
81.00	2.38	80.30	0.00	Orifice - 1 + Weir - 1
81.10	2.76	80.30	0.00	Orifice - 1 + Weir - 1
81.20	3.15	80.30	0.00	Orifice - 1 + Weir - 1
81.30	3.56	80.30	0.00	Orifice - 1 + Weir - 1
81.40	3.99	80.30	0.00	Orifice - 1 + Weir - 1
81.50	4.43	80.30	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.40	0.00	Orifice - 1
79.57	0.00	80.40	0.00	Orifice - 1
79.60	0.00	80.40	0.00	Orifice - 1
79.70	0.00	80.40	0.00	Orifice - 1
79.80	0.00	80.40	0.00	Orifice - 1
79.90	0.00	80.40	0.00	Orifice - 1
80.00	0.00	80.40	0.00	Orifice - 1
80.10	0.00	80.40	0.00	Orifice - 1
80.20	0.00	80.40	0.00	Orifice - 1
80.30	0.00	80.40	0.00	Orifice - 1
80.40	0.00	80.40	0.00	Orifice - 1 + Weir - 1
80.50	0.57	80.40	0.00	Orifice - 1 + Weir - 1
80.60	0.90	80.40	0.00	Orifice - 1 + Weir - 1
80.70	1.22	80.40	0.00	Orifice - 1 + Weir - 1
80.80	1.56	80.40	0.00	Orifice - 1 + Weir - 1
80.90	1.91	80.40	0.00	Orifice - 1 + Weir - 1
81.00	2.27	80.40	0.00	Orifice - 1 + Weir - 1
81.10	2.65	80.40	0.00	Orifice - 1 + Weir - 1
81.20	3.05	80.40	0.00	Orifice - 1 + Weir - 1
81.30	3.47	80.40	0.00	Orifice - 1 + Weir - 1
81.40	3.89	80.40	0.00	Orifice - 1 + Weir - 1
81.50	4.34	80.40	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.50	0.00	Orifice - 1
79.57	0.00	80.50	0.00	Orifice - 1
79.60	0.00	80.50	0.00	Orifice - 1
79.70	0.00	80.50	0.00	Orifice - 1
79.80	0.00	80.50	0.00	Orifice - 1
79.90	0.00	80.50	0.00	Orifice - 1
80.00	0.00	80.50	0.00	Orifice - 1
80.10	0.00	80.50	0.00	Orifice - 1
80.20	0.00	80.50	0.00	Orifice - 1
80.30	0.00	80.50	0.00	Orifice - 1
80.40	0.00	80.50	0.00	Orifice - 1
80.50	0.00	80.50	0.00	Orifice - 1 + Weir - 1
80.60	0.70	80.50	0.00	Orifice - 1 + Weir - 1
80.70	1.06	80.50	0.00	Orifice - 1 + Weir - 1
80.80	1.41	80.50	0.00	Orifice - 1 + Weir - 1
80.90	1.77	80.50	0.00	Orifice - 1 + Weir - 1
81.00	2.14	80.50	0.00	Orifice - 1 + Weir - 1
81.10	2.53	80.50	0.00	Orifice - 1 + Weir - 1
81.20	2.93	80.50	0.00	Orifice - 1 + Weir - 1
81.30	3.35	80.50	0.00	Orifice - 1 + Weir - 1
81.40	3.78	80.50	0.00	Orifice - 1 + Weir - 1
81.50	4.22	80.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.60	0.00	Orifice - 1
79.57	0.00	80.60	0.00	Orifice - 1
79.60	0.00	80.60	0.00	Orifice - 1
79.70	0.00	80.60	0.00	Orifice - 1
79.80	0.00	80.60	0.00	Orifice - 1
79.90	0.00	80.60	0.00	Orifice - 1
80.00	0.00	80.60	0.00	Orifice - 1
80.10	0.00	80.60	0.00	Orifice - 1
80.20	0.00	80.60	0.00	Orifice - 1
80.30	0.00	80.60	0.00	Orifice - 1
80.40	0.00	80.60	0.00	Orifice - 1
80.50	0.00	80.60	0.00	Orifice - 1
80.60	0.00	80.60	0.00	Orifice - 1 + Weir - 1
80.70	0.82	80.60	0.00	Orifice - 1 + Weir - 1
80.80	1.22	80.60	0.00	Orifice - 1 + Weir - 1
80.90	1.60	80.60	0.00	Orifice - 1 + Weir - 1
81.00	1.99	80.60	0.00	Orifice - 1 + Weir - 1
81.10	2.39	80.60	0.00	Orifice - 1 + Weir - 1
81.20	2.79	80.60	0.00	Orifice - 1 + Weir - 1
81.30	3.21	80.60	0.00	Orifice - 1 + Weir - 1
81.40	3.65	80.60	0.00	Orifice - 1 + Weir - 1
81.50	4.10	80.60	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.70	0.00	Orifice - 1
79.57	0.00	80.70	0.00	Orifice - 1
79.60	0.00	80.70	0.00	Orifice - 1
79.70	0.00	80.70	0.00	Orifice - 1
79.80	0.00	80.70	0.00	Orifice - 1
79.90	0.00	80.70	0.00	Orifice - 1
80.00	0.00	80.70	0.00	Orifice - 1
80.10	0.00	80.70	0.00	Orifice - 1
80.20	0.00	80.70	0.00	Orifice - 1
80.30	0.00	80.70	0.00	Orifice - 1
80.40	0.00	80.70	0.00	Orifice - 1
80.50	0.00	80.70	0.00	Orifice - 1
80.60	0.00	80.70	0.00	Orifice - 1
80.70	0.00	80.70	0.00	Orifice - 1 + Weir - 1
80.80	0.94	80.70	0.00	Orifice - 1 + Weir - 1
80.90	1.39	80.70	0.00	Orifice - 1 + Weir - 1
81.00	1.80	80.70	0.00	Orifice - 1 + Weir - 1
81.10	2.21	80.70	0.00	Orifice - 1 + Weir - 1
81.20	2.63	80.70	0.00	Orifice - 1 + Weir - 1
81.30	3.06	80.70	0.00	Orifice - 1 + Weir - 1
81.40	3.50	80.70	0.00	Orifice - 1 + Weir - 1
81.50	3.95	80.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.80	0.00	Orifice - 1
79.57	0.00	80.80	0.00	Orifice - 1
79.60	0.00	80.80	0.00	Orifice - 1
79.70	0.00	80.80	0.00	Orifice - 1
79.80	0.00	80.80	0.00	Orifice - 1
79.90	0.00	80.80	0.00	Orifice - 1
80.00	0.00	80.80	0.00	Orifice - 1
80.10	0.00	80.80	0.00	Orifice - 1
80.20	0.00	80.80	0.00	Orifice - 1
80.30	0.00	80.80	0.00	Orifice - 1
80.40	0.00	80.80	0.00	Orifice - 1
80.50	0.00	80.80	0.00	Orifice - 1
80.60	0.00	80.80	0.00	Orifice - 1
80.70	0.00	80.80	0.00	Orifice - 1
80.80	0.00	80.80	0.00	Orifice - 1 + Weir - 1
80.90	1.07	80.80	0.00	Orifice - 1 + Weir - 1
81.00	1.55	80.80	0.00	Orifice - 1 + Weir - 1
81.10	2.00	80.80	0.00	Orifice - 1 + Weir - 1
81.20	2.43	80.80	0.00	Orifice - 1 + Weir - 1
81.30	2.88	80.80	0.00	Orifice - 1 + Weir - 1
81.40	3.32	80.80	0.00	Orifice - 1 + Weir - 1
81.50	3.78	80.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.90	0.00	Orifice - 1
79.57	0.00	80.90	0.00	Orifice - 1
79.60	0.00	80.90	0.00	Orifice - 1
79.70	0.00	80.90	0.00	Orifice - 1
79.80	0.00	80.90	0.00	Orifice - 1
79.90	0.00	80.90	0.00	Orifice - 1
80.00	0.00	80.90	0.00	Orifice - 1
80.10	0.00	80.90	0.00	Orifice - 1
80.20	0.00	80.90	0.00	Orifice - 1
80.30	0.00	80.90	0.00	Orifice - 1
80.40	0.00	80.90	0.00	Orifice - 1
80.50	0.00	80.90	0.00	Orifice - 1
80.60	0.00	80.90	0.00	Orifice - 1
80.70	0.00	80.90	0.00	Orifice - 1
80.80	0.00	80.90	0.00	Orifice - 1
80.90	0.00	80.90	0.00	Orifice - 1 + Weir - 1
81.00	1.20	80.90	0.00	Orifice - 1 + Weir - 1
81.10	1.72	80.90	0.00	Orifice - 1 + Weir - 1
81.20	2.20	80.90	0.00	Orifice - 1 + Weir - 1
81.30	2.66	80.90	0.00	Orifice - 1 + Weir - 1
81.40	3.12	80.90	0.00	Orifice - 1 + Weir - 1
81.50	3.59	80.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.00	0.00	Orifice - 1
79.57	0.00	81.00	0.00	Orifice - 1
79.60	0.00	81.00	0.00	Orifice - 1
79.70	0.00	81.00	0.00	Orifice - 1
79.80	0.00	81.00	0.00	Orifice - 1
79.90	0.00	81.00	0.00	Orifice - 1
80.00	0.00	81.00	0.00	Orifice - 1
80.10	0.00	81.00	0.00	Orifice - 1
80.20	0.00	81.00	0.00	Orifice - 1
80.30	0.00	81.00	0.00	Orifice - 1
80.40	0.00	81.00	0.00	Orifice - 1
80.50	0.00	81.00	0.00	Orifice - 1
80.60	0.00	81.00	0.00	Orifice - 1
80.70	0.00	81.00	0.00	Orifice - 1
80.80	0.00	81.00	0.00	Orifice - 1
80.90	0.00	81.00	0.00	Orifice - 1
81.00	0.00	81.00	0.00	Orifice - 1 + Weir - 1
81.10	1.33	81.00	0.00	Orifice - 1 + Weir - 1
81.20	1.89	81.00	0.00	Orifice - 1 + Weir - 1
81.30	2.40	81.00	0.00	Orifice - 1 + Weir - 1
81.40	2.89	81.00	0.00	Orifice - 1 + Weir - 1
81.50	3.37	81.00	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.10	0.00	Orifice - 1
79.57	0.00	81.10	0.00	Orifice - 1
79.60	0.00	81.10	0.00	Orifice - 1
79.70	0.00	81.10	0.00	Orifice - 1
79.80	0.00	81.10	0.00	Orifice - 1
79.90	0.00	81.10	0.00	Orifice - 1
80.00	0.00	81.10	0.00	Orifice - 1
80.10	0.00	81.10	0.00	Orifice - 1
80.20	0.00	81.10	0.00	Orifice - 1
80.30	0.00	81.10	0.00	Orifice - 1
80.40	0.00	81.10	0.00	Orifice - 1
80.50	0.00	81.10	0.00	Orifice - 1
80.60	0.00	81.10	0.00	Orifice - 1
80.70	0.00	81.10	0.00	Orifice - 1
80.80	0.00	81.10	0.00	Orifice - 1
80.90	0.00	81.10	0.00	Orifice - 1
81.00	0.00	81.10	0.00	Orifice - 1
81.10	0.00	81.10	0.00	Orifice - 1 + Weir - 1
81.20	1.46	81.10	0.00	Orifice - 1 + Weir - 1
81.30	2.07	81.10	0.00	Orifice - 1 + Weir - 1
81.40	2.60	81.10	0.00	Orifice - 1 + Weir - 1
81.50	3.12	81.10	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.20	0.00	Orifice - 1
79.57	0.00	81.20	0.00	Orifice - 1
79.60	0.00	81.20	0.00	Orifice - 1
79.70	0.00	81.20	0.00	Orifice - 1
79.80	0.00	81.20	0.00	Orifice - 1
79.90	0.00	81.20	0.00	Orifice - 1
80.00	0.00	81.20	0.00	Orifice - 1
80.10	0.00	81.20	0.00	Orifice - 1
80.20	0.00	81.20	0.00	Orifice - 1
80.30	0.00	81.20	0.00	Orifice - 1
80.40	0.00	81.20	0.00	Orifice - 1
80.50	0.00	81.20	0.00	Orifice - 1
80.60	0.00	81.20	0.00	Orifice - 1
80.70	0.00	81.20	0.00	Orifice - 1
80.80	0.00	81.20	0.00	Orifice - 1
80.90	0.00	81.20	0.00	Orifice - 1
81.00	0.00	81.20	0.00	Orifice - 1
81.10	0.00	81.20	0.00	Orifice - 1
81.20	0.00	81.20	0.00	Orifice - 1 + Weir - 1
81.30	1.59	81.20	0.00	Orifice - 1 + Weir - 1
81.40	2.24	81.20	0.00	Orifice - 1 + Weir - 1
81.50	2.81	81.20	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.30	0.00	Orifice - 1
79.57	0.00	81.30	0.00	Orifice - 1
79.60	0.00	81.30	0.00	Orifice - 1
79.70	0.00	81.30	0.00	Orifice - 1
79.80	0.00	81.30	0.00	Orifice - 1
79.90	0.00	81.30	0.00	Orifice - 1
80.00	0.00	81.30	0.00	Orifice - 1
80.10	0.00	81.30	0.00	Orifice - 1
80.20	0.00	81.30	0.00	Orifice - 1
80.30	0.00	81.30	0.00	Orifice - 1
80.40	0.00	81.30	0.00	Orifice - 1
80.50	0.00	81.30	0.00	Orifice - 1
80.60	0.00	81.30	0.00	Orifice - 1
80.70	0.00	81.30	0.00	Orifice - 1
80.80	0.00	81.30	0.00	Orifice - 1
80.90	0.00	81.30	0.00	Orifice - 1
81.00	0.00	81.30	0.00	Orifice - 1
81.10	0.00	81.30	0.00	Orifice - 1
81.20	0.00	81.30	0.00	Orifice - 1
81.30	0.00	81.30	0.00	Orifice - 1 + Weir - 1
81.40	1.72	81.30	0.00	Orifice - 1 + Weir - 1
81.50	2.41	81.30	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 100 year

Return Event: 100 years
Storm Event: NOAA-D (8.94 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.40	0.00	Orifice - 1
79.57	0.00	81.40	0.00	Orifice - 1
79.60	0.00	81.40	0.00	Orifice - 1
79.70	0.00	81.40	0.00	Orifice - 1
79.80	0.00	81.40	0.00	Orifice - 1
79.90	0.00	81.40	0.00	Orifice - 1
80.00	0.00	81.40	0.00	Orifice - 1
80.10	0.00	81.40	0.00	Orifice - 1
80.20	0.00	81.40	0.00	Orifice - 1
80.30	0.00	81.40	0.00	Orifice - 1
80.40	0.00	81.40	0.00	Orifice - 1
80.50	0.00	81.40	0.00	Orifice - 1
80.60	0.00	81.40	0.00	Orifice - 1
80.70	0.00	81.40	0.00	Orifice - 1
80.80	0.00	81.40	0.00	Orifice - 1
80.90	0.00	81.40	0.00	Orifice - 1
81.00	0.00	81.40	0.00	Orifice - 1
81.10	0.00	81.40	0.00	Orifice - 1
81.20	0.00	81.40	0.00	Orifice - 1
81.30	0.00	81.40	0.00	Orifice - 1
81.40	0.00	81.40	0.00	Orifice - 1 + Weir - 1
81.50	1.86	81.40	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.50	0.00	Orifice - 1
79.57	0.00	81.50	0.00	Orifice - 1
79.60	0.00	81.50	0.00	Orifice - 1
79.70	0.00	81.50	0.00	Orifice - 1
79.80	0.00	81.50	0.00	Orifice - 1
79.90	0.00	81.50	0.00	Orifice - 1
80.00	0.00	81.50	0.00	Orifice - 1
80.10	0.00	81.50	0.00	Orifice - 1
80.20	0.00	81.50	0.00	Orifice - 1
80.30	0.00	81.50	0.00	Orifice - 1
80.40	0.00	81.50	0.00	Orifice - 1
80.50	0.00	81.50	0.00	Orifice - 1
80.60	0.00	81.50	0.00	Orifice - 1
80.70	0.00	81.50	0.00	Orifice - 1
80.80	0.00	81.50	0.00	Orifice - 1
80.90	0.00	81.50	0.00	Orifice - 1
81.00	0.00	81.50	0.00	Orifice - 1
81.10	0.00	81.50	0.00	Orifice - 1
81.20	0.00	81.50	0.00	Orifice - 1
81.30	0.00	81.50	0.00	Orifice - 1
81.40	0.00	81.50	0.00	Orifice - 1
81.50	0.00	81.50	0.00	Orifice - 1 + Weir - 1

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	744.000	78.48	0.045

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.78	0.000	0.00
Infiltration...	744.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.272	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.272	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.272 ac-ft
Volume (Total Out ICPM)	0.272 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	754.000	79.06	0.100

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	4.69	0.000	0.00
Infiltration...	754.000	0.00	0.000	0.00
Pond Outflow...	754.000	0.02	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.485	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.485	Forward
Pond Outflow...	0.000	Reverse	0.001	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.485 ac-ft
Volume (Total Out ICPM)	0.485 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	754.000	79.45	0.150

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	6.59	0.000	0.00
Infiltration...	754.000	0.00	0.000	0.00
Pond Outflow...	754.000	0.32	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.658	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.633	Forward
Pond Outflow...	0.000	Reverse	0.025	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.658 ac-ft
Volume (Total Out ICPM)	0.658 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	751.000	80.19	0.249

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	10.59	0.000	0.00
Infiltration...	751.000	0.00	0.000	0.00
Pond Outflow...	751.000	1.38	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.013	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.910	Forward
Pond Outflow...	0.000	Reverse	0.103	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.013 ac-ft
Volume (Total Out ICPM)	1.013 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	3.5500 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	742.000	83.66	0.013

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.67	0.000	0.00
Infiltration...	742.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.071	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.071	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.071 ac-ft
Volume (Total Out ICPM)	0.071 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	83.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	3.5500 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	759.000	83.91	0.032

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	728.000	1.35	0.000	0.00
Infiltration...	759.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.151	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.151	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.151 ac-ft
Volume (Total Out ICPM)	0.151 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	83.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	3.5500 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	757.000	84.13	0.054

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.19	0.000	0.00
Infiltration...	757.000	0.00	0.000	0.00
Pond Outflow...	757.000	0.15	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.223	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.211	Forward
Pond Outflow...	0.000	Reverse	0.012	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.223 ac-ft
Volume (Total Out ICPM)	0.223 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	83.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	3.5500 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	745.000	84.46	0.091

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	4.06	0.000	0.00
Infiltration...	745.000	0.00	0.000	0.00
Pond Outflow...	745.000	0.99	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.379	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.289	Forward
Pond Outflow...	0.000	Reverse	0.090	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.379 ac-ft
Volume (Total Out ICPM)	0.379 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	83.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.4600 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	794.000	85.11	0.016

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.42	0.000	0.00
Infiltration...	794.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.044	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.044	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.044 ac-ft
Volume (Total Out ICPM)	0.044 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	84.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.4600 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	845.000	85.51	0.037

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.84	0.000	0.00
Infiltration...	845.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.090	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.090	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.090 ac-ft
Volume (Total Out ICPM)	0.090 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	84.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.4600 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	774.000	85.72	0.048

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.30	0.000	0.00
Infiltration...	774.000	0.00	0.000	0.00
Pond Outflow...	774.000	0.14	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.130	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.112	Forward
Pond Outflow...	0.000	Reverse	0.018	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.130 ac-ft
Volume (Total Out ICPM)	0.130 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	84.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	1.4600 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	742.000	86.01	0.063

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.31	0.000	0.00
Infiltration...	742.000	0.00	0.000	0.00
Pond Outflow...	742.000	0.85	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.215	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.136	Forward
Pond Outflow...	0.000	Reverse	0.079	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.215 ac-ft
Volume (Total Out ICPM)	0.215 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	84.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	734.000	80.82	0.023

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.84	94.000	0.00
Infiltration...	734.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.026	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.277	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.277	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.277 ac-ft
Volume (Total Out ICPM)	0.277 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.70 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	743.000	81.10	0.076

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	5.49	0.000	0.00
Infiltration...	743.000	0.00	0.000	0.00
Pond Outflow...	743.000	0.06	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.512	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.509	Forward
Pond Outflow...	0.000	Reverse	0.003	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.512 ac-ft
Volume (Total Out ICPM)	0.512 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.70 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	749.000	81.35	0.130

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	7.56	0.000	0.00
Infiltration...	749.000	0.00	0.000	0.00
Pond Outflow...	749.000	0.10	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.694	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.685	Forward
Pond Outflow...	0.000	Reverse	0.009	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.694 ac-ft
Volume (Total Out ICPM)	0.694 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.70 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	756.000	81.94	0.253

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	11.62	0.000	0.00
Infiltration...	756.000	0.00	0.000	0.00
Pond Outflow...	756.000	0.16	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.056	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	1.028	Forward
Pond Outflow...	0.000	Reverse	0.028	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.056 ac-ft
Volume (Total Out ICPM)	1.056 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.70 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	743.000	78.88	0.053

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	3.88	0.000	0.00
Infiltration...	743.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.375	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.375	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.375 ac-ft
Volume (Total Out ICPM)	0.375 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	754.000	79.42	0.139

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	6.96	0.000	0.00
Infiltration...	754.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.656	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.656	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.656 ac-ft
Volume (Total Out ICPM)	0.656 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	745.000	79.72	0.189

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	9.28	0.000	0.00
Infiltration...	745.000	0.00	0.000	0.00
Pond Outflow...	745.000	1.25	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.867	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.818	Forward
Pond Outflow...	0.000	Reverse	0.049	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.867 ac-ft
Volume (Total Out ICPM)	0.867 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	737.000	80.08	0.250

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	13.79	0.000	0.00
Infiltration...	737.000	0.00	0.231	0.00
Pond Outflow...	736.000	5.24	832.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.279	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	1.110	Forward
Pond Outflow...	0.000	Reverse	0.169	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.279 ac-ft
Volume (Total Out ICPM)	1.280 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	78.50 ft
Difference	-0.001 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.077 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	758.000	81.51	0.024

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.03	0.000	0.00
Infiltration...	758.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.096	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.096	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.096 ac-ft
Volume (Total Out ICPM)	0.096 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	81.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	751.000	82.09	0.054

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.15	0.000	0.00
Infiltration...	751.000	0.00	0.000	0.00
Pond Outflow...	751.000	0.22	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.191	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.180	Forward
Pond Outflow...	0.000	Reverse	0.011	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.191 ac-ft
Volume (Total Out ICPM)	0.191 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	81.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	740.000	82.24	0.067

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	3.01	0.000	0.00
Infiltration...	740.000	0.00	0.000	0.00
Pond Outflow...	740.000	0.97	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.264	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.217	Forward
Pond Outflow...	0.000	Reverse	0.047	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.264 ac-ft
Volume (Total Out ICPM)	0.264 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	81.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	734.000	82.48	0.085

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	4.67	0.000	0.00
Infiltration...	734.000	0.00	0.000	0.00
Pond Outflow...	734.000	2.64	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.409	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.281	Forward
Pond Outflow...	0.000	Reverse	0.127	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.409 ac-ft
Volume (Total Out ICPM)	0.409 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	81.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	744.000	80.23	0.052

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	3.55	0.000	0.00
Infiltration...	744.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.341	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.341	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.341 ac-ft
Volume (Total Out ICPM)	0.341 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	79.80 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	741.000	80.70	0.112

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	6.39	0.000	0.00
Infiltration...	741.000	0.00	0.000	0.00
Pond Outflow...	741.000	1.27	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.600	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.557	Forward
Pond Outflow...	0.000	Reverse	0.043	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.600 ac-ft
Volume (Total Out ICPM)	0.600 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	79.80 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	736.000	80.88	0.135

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	8.54	0.000	0.00
Infiltration...	736.000	0.00	0.000	0.00
Pond Outflow...	736.000	3.40	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.795	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.672	Forward
Pond Outflow...	0.000	Reverse	0.123	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.795 ac-ft
Volume (Total Out ICPM)	0.795 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	79.80 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	10.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	732.000	81.15	0.173

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	12.69	0.000	0.00
Infiltration...	732.000	0.00	0.000	0.00
Pond Outflow...	732.000	7.55	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.173	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.884	Forward
Pond Outflow...	0.000	Reverse	0.289	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.173 ac-ft
Volume (Total Out ICPM)	1.173 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	79.80 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	743.000	80.39	0.006

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.36	0.000	0.00
Infiltration...	743.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.032	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.032	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.032 ac-ft
Volume (Total Out ICPM)	0.032 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	753.000	80.66	0.014

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.66	0.000	0.00
Infiltration...	753.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.059	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.059	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.059 ac-ft
Volume (Total Out ICPM)	0.059 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	756.000	80.88	0.021

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.88	0.000	0.00
Infiltration...	756.000	0.00	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.079	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.079	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.079 ac-ft
Volume (Total Out ICPM)	0.079 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Infiltration (Starting ICPM)	0.00	ft³/s	ICPM Time Step	3.000	min
Outflow (Starting)	0.00	ft³/s	Output Increment	1.002	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	762.000	81.25	0.036

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.31	0.000	0.00
Infiltration...	762.000	0.00	0.000	0.00
Pond Outflow...	762.000	0.01	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.118	Forward	0.000	Reverse
Infiltration...	0.000	Reverse	0.117	Forward
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.118 ac-ft
Volume (Total Out ICPM)	0.118 ac-ft
Volume (Ending)	0.000 ac-ft
Elevation (Ending)	80.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.30 ft³/s	Time to Peak (Flow, In)	727.000 min
Infiltration (Peak)	0.19 ft³/s	Time to Peak (Infiltration)	734.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	80.57 ft
Volume (Peak)	0.004 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.030 ac-ft
Volume (Total Infiltration)	0.030 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.57 ft³/s	Time to Peak (Flow, In)	727.000 min
Infiltration (Peak)	0.26 ft³/s	Time to Peak (Infiltration)	741.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	80.66 ft
Volume (Peak)	0.008 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.058 ac-ft
Volume (Total Infiltration)	0.058 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.84 ft³/s	Time to Peak (Flow, In)	727.000 min
Infiltration (Peak)	0.27 ft³/s	Time to Peak (Infiltration)	747.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	80.79 ft
Volume (Peak)	0.014 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.081 ac-ft
Volume (Total Infiltration)	0.081 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	Average Infiltration Rate
Infiltration Rate (Average)	5.0000 in/h

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	1.41 ft³/s	Time to Peak (Flow, In)	727.000 min
Infiltration (Peak)	0.31 ft³/s	Time to Peak (Infiltration)	757.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	81.07 ft
Volume (Peak)	0.031 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.130 ac-ft
Volume (Total Infiltration)	0.130 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	886.000	77.44	0.059

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.88	94.000	0.00
Pond Outflow...	887.000	0.05	0.026	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.091	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.061	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.091 ac-ft
Volume (Total Out ICPM)	0.061 ac-ft
Volume (Ending)	0.030 ac-ft
Elevation (Ending)	77.22 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	883.000	77.82	0.109

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.74	0.000	0.00
Pond Outflow...	884.000	0.12	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.179	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.149	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.179 ac-ft
Volume (Total Out ICPM)	0.149 ac-ft
Volume (Ending)	0.030 ac-ft
Elevation (Ending)	77.23 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	896.000	78.42	0.206

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.61	0.000	0.00
Pond Outflow...	897.000	0.17	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.308	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.277	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.308 ac-ft
Volume (Total Out ICPM)	0.277 ac-ft
Volume (Ending)	0.031 ac-ft
Elevation (Ending)	77.23 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	920.000	79.99	0.512

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	734.000	5.31	0.000	0.00
Pond Outflow...	921.000	0.27	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.682	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.648	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.682 ac-ft
Volume (Total Out ICPM)	0.648 ac-ft
Volume (Ending)	0.034 ac-ft
Elevation (Ending)	77.26 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,056.000	78.80	0.085

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.26	0.000	0.00
Pond Outflow...	1,059.000	0.06	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.141	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.106	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.141 ac-ft
Volume (Total Out ICPM)	0.106 ac-ft
Volume (Ending)	0.035 ac-ft
Elevation (Ending)	78.63 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.002 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,050.000	79.12	0.178

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.34	0.000	0.00
Pond Outflow...	1,052.000	0.15	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.325	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.285	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.325 ac-ft
Volume (Total Out ICPM)	0.285 ac-ft
Volume (Ending)	0.039 ac-ft
Elevation (Ending)	78.64 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	815.000	79.59	0.323

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	741.000	3.76	0.000	0.00
Pond Outflow...	815.000	0.75	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.591	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.549	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.591 ac-ft
Volume (Total Out ICPM)	0.549 ac-ft
Volume (Ending)	0.042 ac-ft
Elevation (Ending)	78.65 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	760.000	80.01	0.451

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	736.000	11.82	0.000	0.00
Pond Outflow...	760.000	5.13	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.161	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	1.118	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.161 ac-ft
Volume (Total Out ICPM)	1.118 ac-ft
Volume (Ending)	0.043 ac-ft
Elevation (Ending)	78.65 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	932.000	79.68	0.027

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.45	0.000	0.00
Pond Outflow...	936.000	0.02	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.040	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.027	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.040 ac-ft
Volume (Total Out ICPM)	0.027 ac-ft
Volume (Ending)	0.013 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	778.000	80.05	0.083

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	740.000	1.63	0.000	0.00
Pond Outflow...	778.000	0.14	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.116	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.103	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.116 ac-ft
Volume (Total Out ICPM)	0.103 ac-ft
Volume (Ending)	0.013 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	767.000	80.43	0.147

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	735.000	4.04	0.000	0.00
Pond Outflow...	767.000	0.81	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.221	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.207	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.221 ac-ft
Volume (Total Out ICPM)	0.207 ac-ft
Volume (Ending)	0.013 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	752.000	80.94	0.236

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	732.000	8.75	0.000	0.00
Pond Outflow...	752.000	2.37	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.435	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.422	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.435 ac-ft
Volume (Total Out ICPM)	0.422 ac-ft
Volume (Ending)	0.013 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

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Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.36 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.36 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.48 in
Runoff Volume (Pervious)	0.045 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.045 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.52 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.51 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.13 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.44 in
Runoff Volume (Pervious)	0.135 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.135 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.96 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.79 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.78 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.262 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.262 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.34 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.416 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.416 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	859.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	859.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.08 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.46 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.667 min
Flow (Peak, Computed)	0.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	729.000 min
Flow (Peak Interpolated Output)	0.39 ft³/s

Drainage Area	
SCS CN (Composite)	46.000
Area (User Defined)	1.46 acres
Maximum Retention (Pervious)	11.74 in
Maximum Retention (Pervious, 20 percent)	2.35 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.57 in
Runoff Volume (Pervious)	0.069 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.069 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	11.58 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.67 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.67 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.063 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.063 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.04 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.04 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.100 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.100 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.90 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	799.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	799.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.10 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.99 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.667 min
Flow (Peak, Computed)	0.33 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.33 ft³/s

Drainage Area	
SCS CN (Composite)	47.000
Area (User Defined)	0.99 acres
Maximum Retention (Pervious)	11.28 in
Maximum Retention (Pervious, 20 percent)	2.26 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.62 in
Runoff Volume (Pervious)	0.051 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.051 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.85 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.42 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.42 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.039 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.039 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.15 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.65 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.65 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.15 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.062 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.062 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.19 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	781.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	781.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.12 in
Runoff Volume (Pervious)	0.005 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.005 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.49 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.20 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.20 ft³/s

Drainage Area	
SCS CN (Composite)	48.000
Area (User Defined)	0.49 acres
Maximum Retention (Pervious)	10.83 in
Maximum Retention (Pervious, 20 percent)	2.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.68 in
Runoff Volume (Pervious)	0.028 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.028 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.89 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	2.48 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	2.47 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.04 in
Runoff Volume (Pervious)	0.228 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.228 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.90 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.88 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.88 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.90 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.88 in
Runoff Volume (Pervious)	0.366 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.366 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.14 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.39 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.48 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.22 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.64 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.63 ft³/s

Drainage Area	
SCS CN (Composite)	60.000
Area (User Defined)	1.22 acres
Maximum Retention (Pervious)	6.67 in
Maximum Retention (Pervious, 20 percent)	1.33 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.44 in
Runoff Volume (Pervious)	0.146 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.146 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.68 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.46 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.45 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.325 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.325 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.24 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	5.39 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	5.38 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.24 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.516 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.516 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	9.84 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.44 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.44 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.56 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.06 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.59 ft³/s

Drainage Area	
SCS CN (Composite)	62.000
Area (User Defined)	1.06 acres
Maximum Retention (Pervious)	6.13 in
Maximum Retention (Pervious, 20 percent)	1.23 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.58 in
Runoff Volume (Pervious)	0.140 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.140 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.41 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.53 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.53 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.19 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.83 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.82 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	0.19 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.079 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.079 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.51 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.51 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.51 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.046 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.046 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.63 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.33 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.63 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.112 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.112 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	5.00 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	3.10 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	3.09 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.15 in
Runoff Volume (Pervious)	0.291 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.291 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	4.82 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	4.81 ft³/s

Drainage Area	
SCS CN (Composite)	98.000
Area (User Defined)	1.11 acres
Maximum Retention (Pervious)	0.20 in
Maximum Retention (Pervious, 20 percent)	0.04 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.99 in
Runoff Volume (Pervious)	0.462 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.462 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	8.80 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.47 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.47 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.60 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	1.00 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.60 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	1.58 ft³/s

Drainage Area	
SCS CN (Composite)	63.000
Area (User Defined)	1.00 acres
Maximum Retention (Pervious)	5.87 in
Maximum Retention (Pervious, 20 percent)	1.17 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.66 in
Runoff Volume (Pervious)	0.138 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.138 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	7.93 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.27 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.27 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.024 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.024 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.10 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.43 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.43 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.10 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.040 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.040 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.79 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.09 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.09 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.008 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.008 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.23 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.23 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.019 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.019 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.30 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.30 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.027 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.027 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.47 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.47 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.044 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.044 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	775.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	776.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.14 in
Runoff Volume (Pervious)	0.003 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.003 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.11 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.11 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.73 in
Runoff Volume (Pervious)	0.014 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.014 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.88 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.88 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	3.04 in
Runoff Volume (Pervious)	0.081 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.081 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.32 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.38 ft³/s

Drainage Area	
SCS CN (Composite)	97.000
Area (User Defined)	0.32 acres
Maximum Retention (Pervious)	0.31 in
Maximum Retention (Pervious, 20 percent)	0.06 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.88 in
Runoff Volume (Pervious)	0.130 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.130 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.54 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	775.333 min
Flow (Peak, Computed)	0.02 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	776.000 min
Flow (Peak Interpolated Output)	0.02 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.14 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.80 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.38 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.38 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.80 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.73 in
Runoff Volume (Pervious)	0.049 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.049 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	6.35 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.95 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.94 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.085 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.085 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.35 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	1.50 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	1.50 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.35 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.139 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.139 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	2.78 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.32 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.32 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.029 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.029 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.39 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.83 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.82 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.39 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.069 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.069 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	3.09 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.34 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.34 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.82 in
Runoff Volume (Pervious)	0.031 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.031 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.55 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.55 ft³/s

Drainage Area	
SCS CN (Composite)	95.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	0.53 in
Maximum Retention (Pervious, 20 percent)	0.11 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.65 in
Runoff Volume (Pervious)	0.050 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.050 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.11 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.11 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.88 in
Runoff Volume (Pervious)	0.010 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.010 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.13 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.28 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.27 ft³/s

Drainage Area	
SCS CN (Composite)	69.000
Area (User Defined)	0.13 acres
Maximum Retention (Pervious)	4.49 in
Maximum Retention (Pervious, 20 percent)	0.90 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.13 in
Runoff Volume (Pervious)	0.023 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.023 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.03 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.045	728.000	0.36
Flow (In)	J BP	0.045	728.000	0.36

Summary for Hydrograph Addition at 'J BP'

Upstream Link	Upstream Node
<Catchment to Outflow Node>	P BY-PASS

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	P BY-PASS	0.135	728.000	1.51
Flow (In)	J BP	0.135	728.000	1.51

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.274	1,142.000	0.15
Flow (In)	J-A	0.274	1,142.000	0.15

Summary for Hydrograph Addition at 'J-A'

Upstream Link	Upstream Node
Outlet-A	BASIN A

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-A	0.696	1,231.000	0.25
Flow (In)	J-A	0.696	1,231.000	0.25

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	0.856	940.000	0.66
Flow (In)	J-B	0.856	940.000	0.66

Summary for Hydrograph Addition at 'J-B'

Upstream Link	Upstream Node
Outlet-B	BASIN B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	Outlet-B	1.864	783.000	3.40
Flow (In)	J-B	1.864	783.000	3.40

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.274	1,143.000	0.15
Flow (From)	CO-15	0.045	729.000	0.36
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	0.856	941.000	0.66
Flow (In)	O-1	1.175	944.000	0.84

Summary for Hydrograph Addition at 'O-1'

Upstream Link	Upstream Node
CO-12	J-A
CO-15	J BP
Outlet-34	BASIN 9
CO-11	J-B

Node Inflows

Inflow Type	Element	Volume (ac-ft)	Time to Peak (min)	Flow (Peak) (ft^3/s)
Flow (From)	CO-12	0.696	1,232.000	0.25
Flow (From)	CO-15	0.135	729.000	1.51
Flow (From)	Outlet-34	0.000	0.000	0.00
Flow (From)	CO-11	1.864	784.000	3.40
Flow (In)	O-1	2.695	782.000	3.85

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.00	0.0	0.08	0.00	0.000	0.000
79.00	0.0	0.11	0.28	0.092	0.092
80.00	0.0	0.15	0.38	0.128	0.220
80.50	0.0	0.17	0.47	0.078	0.298

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
83.50	0.0	0.05	0.00	0.000	0.000
84.00	0.0	0.11	0.23	0.039	0.039
84.50	0.0	0.12	0.34	0.057	0.096

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
84.60	0.0	0.02	0.00	0.000	0.000
85.00	0.0	0.03	0.07	0.010	0.010
86.10	0.0	0.08	0.16	0.058	0.068

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.70	0.0	0.18	0.00	0.000	0.000
81.00	0.0	0.19	0.55	0.055	0.055
82.00	0.0	0.23	0.63	0.210	0.265
82.50	0.0	0.26	0.73	0.122	0.388

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.50	0.0	0.13	0.00	0.000	0.000
79.00	0.0	0.15	0.42	0.070	0.070
80.00	0.0	0.18	0.50	0.165	0.236
80.50	0.0	0.19	0.56	0.094	0.330

Subsection: Elevation-Area Volume Curve
Label: BASIN 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
81.00	0.0	0.03	0.00	0.000	0.000
82.00	0.0	0.07	0.14	0.047	0.047
82.50	0.0	0.09	0.24	0.040	0.087

Subsection: Elevation-Area Volume Curve
Label: BASIN 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
79.80	0.0	0.11	0.00	0.000	0.000
80.00	0.0	0.11	0.34	0.022	0.022
81.00	0.0	0.14	0.38	0.128	0.150
81.50	0.0	0.16	0.46	0.076	0.226

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.20	0.0	0.02	0.00	0.000	0.000
81.00	0.0	0.04	0.09	0.025	0.025
81.50	0.0	0.05	0.13	0.022	0.047

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
80.50	0.0	0.05	0.00	0.000	0.000
81.00	0.0	0.06	0.16	0.027	0.027
82.00	0.0	0.09	0.22	0.073	0.099
82.50	0.0	0.10	0.28	0.047	0.146

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
77.00	0.0	0.12	0.00	0.000	0.000
78.00	0.0	0.15	0.40	0.134	0.134
79.00	0.0	0.19	0.51	0.170	0.303
80.00	0.0	0.23	0.63	0.210	0.514
80.50	0.0	0.27	0.76	0.126	0.640

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
78.50	0.0	0.28	0.00	0.000	0.000
79.00	0.0	0.29	0.85	0.142	0.142
80.00	0.0	0.32	0.92	0.308	0.449
81.00	0.0	0.36	1.02	0.342	0.791
81.50	0.0	0.39	1.13	0.188	0.979

Elevation (ft)	Planimeter (acres)	Area (acres)	A1+A2+sqr (A1*A2) (acres)	Volume (ac-ft)	Volume (Total) (ac-ft)
79.50	0.0	0.14	0.00	0.000	0.000
80.00	0.0	0.16	0.45	0.075	0.075
81.00	0.0	0.19	0.51	0.171	0.245
81.50	0.0	0.22	0.60	0.100	0.346

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.00	0.00	None Contributing
78.10	0.00	77.00	0.00	None Contributing
78.20	0.00	77.00	0.00	None Contributing
78.30	0.00	77.00	0.00	None Contributing
78.40	0.00	77.00	0.00	None Contributing
78.50	0.00	77.00	0.00	None Contributing
78.60	0.00	77.00	0.00	None Contributing
78.70	0.00	77.00	0.00	None Contributing
78.80	0.00	77.00	0.00	None Contributing
78.90	0.00	77.00	0.00	None Contributing
79.00	0.00	77.00	0.00	Weir - 1
79.10	0.03	77.00	0.00	Weir - 1
79.20	0.10	77.00	0.00	Weir - 1
79.30	0.18	77.00	0.00	Weir - 1
79.40	0.27	77.00	0.00	Weir - 1
79.50	0.38	77.00	0.00	Weir - 1
79.60	0.50	77.00	0.00	Weir - 1
79.70	0.62	77.00	0.00	Weir - 1
79.80	0.76	77.00	0.00	Weir - 1
79.90	0.91	77.00	0.00	Weir - 1
80.00	1.07	77.00	0.00	Weir - 1
80.10	1.23	77.00	0.00	Weir - 1
80.20	1.40	77.00	0.00	Weir - 1
80.30	1.58	77.00	0.00	Weir - 1
80.40	1.77	77.00	0.00	Weir - 1
80.50	1.96	77.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.10	0.00	None Contributing
78.10	0.00	77.10	0.00	None Contributing
78.20	0.00	77.10	0.00	None Contributing
78.30	0.00	77.10	0.00	None Contributing
78.40	0.00	77.10	0.00	None Contributing
78.50	0.00	77.10	0.00	None Contributing
78.60	0.00	77.10	0.00	None Contributing
78.70	0.00	77.10	0.00	None Contributing
78.80	0.00	77.10	0.00	None Contributing
78.90	0.00	77.10	0.00	None Contributing
79.00	0.00	77.10	0.00	Weir - 1
79.10	0.03	77.10	0.00	Weir - 1
79.20	0.10	77.10	0.00	Weir - 1
79.30	0.18	77.10	0.00	Weir - 1
79.40	0.27	77.10	0.00	Weir - 1
79.50	0.38	77.10	0.00	Weir - 1
79.60	0.50	77.10	0.00	Weir - 1
79.70	0.62	77.10	0.00	Weir - 1
79.80	0.76	77.10	0.00	Weir - 1
79.90	0.91	77.10	0.00	Weir - 1
80.00	1.07	77.10	0.00	Weir - 1
80.10	1.23	77.10	0.00	Weir - 1
80.20	1.40	77.10	0.00	Weir - 1
80.30	1.58	77.10	0.00	Weir - 1
80.40	1.77	77.10	0.00	Weir - 1
80.50	1.96	77.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.20	0.00	None Contributing
78.10	0.00	77.20	0.00	None Contributing
78.20	0.00	77.20	0.00	None Contributing
78.30	0.00	77.20	0.00	None Contributing
78.40	0.00	77.20	0.00	None Contributing
78.50	0.00	77.20	0.00	None Contributing
78.60	0.00	77.20	0.00	None Contributing
78.70	0.00	77.20	0.00	None Contributing
78.80	0.00	77.20	0.00	None Contributing
78.90	0.00	77.20	0.00	None Contributing
79.00	0.00	77.20	0.00	Weir - 1
79.10	0.03	77.20	0.00	Weir - 1
79.20	0.10	77.20	0.00	Weir - 1
79.30	0.18	77.20	0.00	Weir - 1
79.40	0.27	77.20	0.00	Weir - 1
79.50	0.38	77.20	0.00	Weir - 1
79.60	0.50	77.20	0.00	Weir - 1
79.70	0.62	77.20	0.00	Weir - 1
79.80	0.76	77.20	0.00	Weir - 1
79.90	0.91	77.20	0.00	Weir - 1
80.00	1.07	77.20	0.00	Weir - 1
80.10	1.23	77.20	0.00	Weir - 1
80.20	1.40	77.20	0.00	Weir - 1
80.30	1.58	77.20	0.00	Weir - 1
80.40	1.77	77.20	0.00	Weir - 1
80.50	1.96	77.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.30	0.00	None Contributing
78.10	0.00	77.30	0.00	None Contributing
78.20	0.00	77.30	0.00	None Contributing
78.30	0.00	77.30	0.00	None Contributing
78.40	0.00	77.30	0.00	None Contributing
78.50	0.00	77.30	0.00	None Contributing
78.60	0.00	77.30	0.00	None Contributing
78.70	0.00	77.30	0.00	None Contributing
78.80	0.00	77.30	0.00	None Contributing
78.90	0.00	77.30	0.00	None Contributing
79.00	0.00	77.30	0.00	Weir - 1
79.10	0.03	77.30	0.00	Weir - 1
79.20	0.10	77.30	0.00	Weir - 1
79.30	0.18	77.30	0.00	Weir - 1
79.40	0.27	77.30	0.00	Weir - 1
79.50	0.38	77.30	0.00	Weir - 1
79.60	0.50	77.30	0.00	Weir - 1
79.70	0.62	77.30	0.00	Weir - 1
79.80	0.76	77.30	0.00	Weir - 1
79.90	0.91	77.30	0.00	Weir - 1
80.00	1.07	77.30	0.00	Weir - 1
80.10	1.23	77.30	0.00	Weir - 1
80.20	1.40	77.30	0.00	Weir - 1
80.30	1.58	77.30	0.00	Weir - 1
80.40	1.77	77.30	0.00	Weir - 1
80.50	1.96	77.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.40	0.00	None Contributing
78.10	0.00	77.40	0.00	None Contributing
78.20	0.00	77.40	0.00	None Contributing
78.30	0.00	77.40	0.00	None Contributing
78.40	0.00	77.40	0.00	None Contributing
78.50	0.00	77.40	0.00	None Contributing
78.60	0.00	77.40	0.00	None Contributing
78.70	0.00	77.40	0.00	None Contributing
78.80	0.00	77.40	0.00	None Contributing
78.90	0.00	77.40	0.00	None Contributing
79.00	0.00	77.40	0.00	Weir - 1
79.10	0.03	77.40	0.00	Weir - 1
79.20	0.10	77.40	0.00	Weir - 1
79.30	0.18	77.40	0.00	Weir - 1
79.40	0.27	77.40	0.00	Weir - 1
79.50	0.38	77.40	0.00	Weir - 1
79.60	0.50	77.40	0.00	Weir - 1
79.70	0.62	77.40	0.00	Weir - 1
79.80	0.76	77.40	0.00	Weir - 1
79.90	0.91	77.40	0.00	Weir - 1
80.00	1.07	77.40	0.00	Weir - 1
80.10	1.23	77.40	0.00	Weir - 1
80.20	1.40	77.40	0.00	Weir - 1
80.30	1.58	77.40	0.00	Weir - 1
80.40	1.77	77.40	0.00	Weir - 1
80.50	1.96	77.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.50	0.00	None Contributing
78.10	0.00	77.50	0.00	None Contributing
78.20	0.00	77.50	0.00	None Contributing
78.30	0.00	77.50	0.00	None Contributing
78.40	0.00	77.50	0.00	None Contributing
78.50	0.00	77.50	0.00	None Contributing
78.60	0.00	77.50	0.00	None Contributing
78.70	0.00	77.50	0.00	None Contributing
78.80	0.00	77.50	0.00	None Contributing
78.90	0.00	77.50	0.00	None Contributing
79.00	0.00	77.50	0.00	Weir - 1
79.10	0.03	77.50	0.00	Weir - 1
79.20	0.10	77.50	0.00	Weir - 1
79.30	0.18	77.50	0.00	Weir - 1
79.40	0.27	77.50	0.00	Weir - 1
79.50	0.38	77.50	0.00	Weir - 1
79.60	0.50	77.50	0.00	Weir - 1
79.70	0.62	77.50	0.00	Weir - 1
79.80	0.76	77.50	0.00	Weir - 1
79.90	0.91	77.50	0.00	Weir - 1
80.00	1.07	77.50	0.00	Weir - 1
80.10	1.23	77.50	0.00	Weir - 1
80.20	1.40	77.50	0.00	Weir - 1
80.30	1.58	77.50	0.00	Weir - 1
80.40	1.77	77.50	0.00	Weir - 1
80.50	1.96	77.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.60	0.00	None Contributing
78.10	0.00	77.60	0.00	None Contributing
78.20	0.00	77.60	0.00	None Contributing
78.30	0.00	77.60	0.00	None Contributing
78.40	0.00	77.60	0.00	None Contributing
78.50	0.00	77.60	0.00	None Contributing
78.60	0.00	77.60	0.00	None Contributing
78.70	0.00	77.60	0.00	None Contributing
78.80	0.00	77.60	0.00	None Contributing
78.90	0.00	77.60	0.00	None Contributing
79.00	0.00	77.60	0.00	Weir - 1
79.10	0.03	77.60	0.00	Weir - 1
79.20	0.10	77.60	0.00	Weir - 1
79.30	0.18	77.60	0.00	Weir - 1
79.40	0.27	77.60	0.00	Weir - 1
79.50	0.38	77.60	0.00	Weir - 1
79.60	0.50	77.60	0.00	Weir - 1
79.70	0.62	77.60	0.00	Weir - 1
79.80	0.76	77.60	0.00	Weir - 1
79.90	0.91	77.60	0.00	Weir - 1
80.00	1.07	77.60	0.00	Weir - 1
80.10	1.23	77.60	0.00	Weir - 1
80.20	1.40	77.60	0.00	Weir - 1
80.30	1.58	77.60	0.00	Weir - 1
80.40	1.77	77.60	0.00	Weir - 1
80.50	1.96	77.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.70	0.00	None Contributing
78.10	0.00	77.70	0.00	None Contributing
78.20	0.00	77.70	0.00	None Contributing
78.30	0.00	77.70	0.00	None Contributing
78.40	0.00	77.70	0.00	None Contributing
78.50	0.00	77.70	0.00	None Contributing
78.60	0.00	77.70	0.00	None Contributing
78.70	0.00	77.70	0.00	None Contributing
78.80	0.00	77.70	0.00	None Contributing
78.90	0.00	77.70	0.00	None Contributing
79.00	0.00	77.70	0.00	Weir - 1
79.10	0.03	77.70	0.00	Weir - 1
79.20	0.10	77.70	0.00	Weir - 1
79.30	0.18	77.70	0.00	Weir - 1
79.40	0.27	77.70	0.00	Weir - 1
79.50	0.38	77.70	0.00	Weir - 1
79.60	0.50	77.70	0.00	Weir - 1
79.70	0.62	77.70	0.00	Weir - 1
79.80	0.76	77.70	0.00	Weir - 1
79.90	0.91	77.70	0.00	Weir - 1
80.00	1.07	77.70	0.00	Weir - 1
80.10	1.23	77.70	0.00	Weir - 1
80.20	1.40	77.70	0.00	Weir - 1
80.30	1.58	77.70	0.00	Weir - 1
80.40	1.77	77.70	0.00	Weir - 1
80.50	1.96	77.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.80	0.00	None Contributing
78.10	0.00	77.80	0.00	None Contributing
78.20	0.00	77.80	0.00	None Contributing
78.30	0.00	77.80	0.00	None Contributing
78.40	0.00	77.80	0.00	None Contributing
78.50	0.00	77.80	0.00	None Contributing
78.60	0.00	77.80	0.00	None Contributing
78.70	0.00	77.80	0.00	None Contributing
78.80	0.00	77.80	0.00	None Contributing
78.90	0.00	77.80	0.00	None Contributing
79.00	0.00	77.80	0.00	Weir - 1
79.10	0.03	77.80	0.00	Weir - 1
79.20	0.10	77.80	0.00	Weir - 1
79.30	0.18	77.80	0.00	Weir - 1
79.40	0.27	77.80	0.00	Weir - 1
79.50	0.38	77.80	0.00	Weir - 1
79.60	0.50	77.80	0.00	Weir - 1
79.70	0.62	77.80	0.00	Weir - 1
79.80	0.76	77.80	0.00	Weir - 1
79.90	0.91	77.80	0.00	Weir - 1
80.00	1.07	77.80	0.00	Weir - 1
80.10	1.23	77.80	0.00	Weir - 1
80.20	1.40	77.80	0.00	Weir - 1
80.30	1.58	77.80	0.00	Weir - 1
80.40	1.77	77.80	0.00	Weir - 1
80.50	1.96	77.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	77.90	0.00	None Contributing
78.10	0.00	77.90	0.00	None Contributing
78.20	0.00	77.90	0.00	None Contributing
78.30	0.00	77.90	0.00	None Contributing
78.40	0.00	77.90	0.00	None Contributing
78.50	0.00	77.90	0.00	None Contributing
78.60	0.00	77.90	0.00	None Contributing
78.70	0.00	77.90	0.00	None Contributing
78.80	0.00	77.90	0.00	None Contributing
78.90	0.00	77.90	0.00	None Contributing
79.00	0.00	77.90	0.00	Weir - 1
79.10	0.03	77.90	0.00	Weir - 1
79.20	0.10	77.90	0.00	Weir - 1
79.30	0.18	77.90	0.00	Weir - 1
79.40	0.27	77.90	0.00	Weir - 1
79.50	0.38	77.90	0.00	Weir - 1
79.60	0.50	77.90	0.00	Weir - 1
79.70	0.62	77.90	0.00	Weir - 1
79.80	0.76	77.90	0.00	Weir - 1
79.90	0.91	77.90	0.00	Weir - 1
80.00	1.07	77.90	0.00	Weir - 1
80.10	1.23	77.90	0.00	Weir - 1
80.20	1.40	77.90	0.00	Weir - 1
80.30	1.58	77.90	0.00	Weir - 1
80.40	1.77	77.90	0.00	Weir - 1
80.50	1.96	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.00	0.00	None Contributing
78.10	0.00	78.00	0.00	None Contributing
78.20	0.00	78.00	0.00	None Contributing
78.30	0.00	78.00	0.00	None Contributing
78.40	0.00	78.00	0.00	None Contributing
78.50	0.00	78.00	0.00	None Contributing
78.60	0.00	78.00	0.00	None Contributing
78.70	0.00	78.00	0.00	None Contributing
78.80	0.00	78.00	0.00	None Contributing
78.90	0.00	78.00	0.00	None Contributing
79.00	0.00	78.00	0.00	Weir - 1
79.10	0.03	78.00	0.00	Weir - 1
79.20	0.10	78.00	0.00	Weir - 1
79.30	0.18	78.00	0.00	Weir - 1
79.40	0.27	78.00	0.00	Weir - 1
79.50	0.38	78.00	0.00	Weir - 1
79.60	0.50	78.00	0.00	Weir - 1
79.70	0.62	78.00	0.00	Weir - 1
79.80	0.76	78.00	0.00	Weir - 1
79.90	0.91	78.00	0.00	Weir - 1
80.00	1.07	78.00	0.00	Weir - 1
80.10	1.23	78.00	0.00	Weir - 1
80.20	1.40	78.00	0.00	Weir - 1
80.30	1.58	78.00	0.00	Weir - 1
80.40	1.77	78.00	0.00	Weir - 1
80.50	1.96	78.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.10	0.00	Weir - 1
78.10	0.00	78.10	0.00	None Contributing
78.20	0.00	78.10	0.00	None Contributing
78.30	0.00	78.10	0.00	None Contributing
78.40	0.00	78.10	0.00	None Contributing
78.50	0.00	78.10	0.00	None Contributing
78.60	0.00	78.10	0.00	None Contributing
78.70	0.00	78.10	0.00	None Contributing
78.80	0.00	78.10	0.00	None Contributing
78.90	0.00	78.10	0.00	None Contributing
79.00	0.00	78.10	0.00	Weir - 1
79.10	0.03	78.10	0.00	Weir - 1
79.20	0.10	78.10	0.00	Weir - 1
79.30	0.18	78.10	0.00	Weir - 1
79.40	0.27	78.10	0.00	Weir - 1
79.50	0.38	78.10	0.00	Weir - 1
79.60	0.50	78.10	0.00	Weir - 1
79.70	0.62	78.10	0.00	Weir - 1
79.80	0.76	78.10	0.00	Weir - 1
79.90	0.91	78.10	0.00	Weir - 1
80.00	1.07	78.10	0.00	Weir - 1
80.10	1.23	78.10	0.00	Weir - 1
80.20	1.40	78.10	0.00	Weir - 1
80.30	1.58	78.10	0.00	Weir - 1
80.40	1.77	78.10	0.00	Weir - 1
80.50	1.96	78.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.20	0.00	Weir - 1
78.10	0.00	78.20	0.00	Weir - 1
78.20	0.00	78.20	0.00	None Contributing
78.30	0.00	78.20	0.00	None Contributing
78.40	0.00	78.20	0.00	None Contributing
78.50	0.00	78.20	0.00	None Contributing
78.60	0.00	78.20	0.00	None Contributing
78.70	0.00	78.20	0.00	None Contributing
78.80	0.00	78.20	0.00	None Contributing
78.90	0.00	78.20	0.00	None Contributing
79.00	0.00	78.20	0.00	Weir - 1
79.10	0.03	78.20	0.00	Weir - 1
79.20	0.10	78.20	0.00	Weir - 1
79.30	0.18	78.20	0.00	Weir - 1
79.40	0.27	78.20	0.00	Weir - 1
79.50	0.38	78.20	0.00	Weir - 1
79.60	0.50	78.20	0.00	Weir - 1
79.70	0.62	78.20	0.00	Weir - 1
79.80	0.76	78.20	0.00	Weir - 1
79.90	0.91	78.20	0.00	Weir - 1
80.00	1.07	78.20	0.00	Weir - 1
80.10	1.23	78.20	0.00	Weir - 1
80.20	1.40	78.20	0.00	Weir - 1
80.30	1.58	78.20	0.00	Weir - 1
80.40	1.77	78.20	0.00	Weir - 1
80.50	1.96	78.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.30	0.00	Weir - 1
78.10	0.00	78.30	0.00	Weir - 1
78.20	0.00	78.30	0.00	Weir - 1
78.30	0.00	78.30	0.00	None Contributing
78.40	0.00	78.30	0.00	None Contributing
78.50	0.00	78.30	0.00	None Contributing
78.60	0.00	78.30	0.00	None Contributing
78.70	0.00	78.30	0.00	None Contributing
78.80	0.00	78.30	0.00	None Contributing
78.90	0.00	78.30	0.00	None Contributing
79.00	0.00	78.30	0.00	Weir - 1
79.10	0.03	78.30	0.00	Weir - 1
79.20	0.10	78.30	0.00	Weir - 1
79.30	0.18	78.30	0.00	Weir - 1
79.40	0.27	78.30	0.00	Weir - 1
79.50	0.38	78.30	0.00	Weir - 1
79.60	0.50	78.30	0.00	Weir - 1
79.70	0.62	78.30	0.00	Weir - 1
79.80	0.76	78.30	0.00	Weir - 1
79.90	0.91	78.30	0.00	Weir - 1
80.00	1.07	78.30	0.00	Weir - 1
80.10	1.23	78.30	0.00	Weir - 1
80.20	1.40	78.30	0.00	Weir - 1
80.30	1.58	78.30	0.00	Weir - 1
80.40	1.77	78.30	0.00	Weir - 1
80.50	1.96	78.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.40	0.00	Weir - 1
78.10	0.00	78.40	0.00	Weir - 1
78.20	0.00	78.40	0.00	Weir - 1
78.30	0.00	78.40	0.00	Weir - 1
78.40	0.00	78.40	0.00	None Contributing
78.50	0.00	78.40	0.00	None Contributing
78.60	0.00	78.40	0.00	None Contributing
78.70	0.00	78.40	0.00	None Contributing
78.80	0.00	78.40	0.00	None Contributing
78.90	0.00	78.40	0.00	None Contributing
79.00	0.00	78.40	0.00	Weir - 1
79.10	0.03	78.40	0.00	Weir - 1
79.20	0.10	78.40	0.00	Weir - 1
79.30	0.18	78.40	0.00	Weir - 1
79.40	0.27	78.40	0.00	Weir - 1
79.50	0.38	78.40	0.00	Weir - 1
79.60	0.50	78.40	0.00	Weir - 1
79.70	0.62	78.40	0.00	Weir - 1
79.80	0.76	78.40	0.00	Weir - 1
79.90	0.91	78.40	0.00	Weir - 1
80.00	1.07	78.40	0.00	Weir - 1
80.10	1.23	78.40	0.00	Weir - 1
80.20	1.40	78.40	0.00	Weir - 1
80.30	1.58	78.40	0.00	Weir - 1
80.40	1.77	78.40	0.00	Weir - 1
80.50	1.96	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.50	0.00	Weir - 1
78.10	0.00	78.50	0.00	Weir - 1
78.20	0.00	78.50	0.00	Weir - 1
78.30	0.00	78.50	0.00	Weir - 1
78.40	0.00	78.50	0.00	Weir - 1
78.50	0.00	78.50	0.00	None Contributing
78.60	0.00	78.50	0.00	None Contributing
78.70	0.00	78.50	0.00	None Contributing
78.80	0.00	78.50	0.00	None Contributing
78.90	0.00	78.50	0.00	None Contributing
79.00	0.00	78.50	0.00	Weir - 1
79.10	0.03	78.50	0.00	Weir - 1
79.20	0.10	78.50	0.00	Weir - 1
79.30	0.18	78.50	0.00	Weir - 1
79.40	0.27	78.50	0.00	Weir - 1
79.50	0.38	78.50	0.00	Weir - 1
79.60	0.50	78.50	0.00	Weir - 1
79.70	0.62	78.50	0.00	Weir - 1
79.80	0.76	78.50	0.00	Weir - 1
79.90	0.91	78.50	0.00	Weir - 1
80.00	1.07	78.50	0.00	Weir - 1
80.10	1.23	78.50	0.00	Weir - 1
80.20	1.40	78.50	0.00	Weir - 1
80.30	1.58	78.50	0.00	Weir - 1
80.40	1.77	78.50	0.00	Weir - 1
80.50	1.96	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.60	0.00	Weir - 1
78.10	0.00	78.60	0.00	Weir - 1
78.20	0.00	78.60	0.00	Weir - 1
78.30	0.00	78.60	0.00	Weir - 1
78.40	0.00	78.60	0.00	Weir - 1
78.50	0.00	78.60	0.00	Weir - 1
78.60	0.00	78.60	0.00	None Contributing
78.70	0.00	78.60	0.00	None Contributing
78.80	0.00	78.60	0.00	None Contributing
78.90	0.00	78.60	0.00	None Contributing
79.00	0.00	78.60	0.00	Weir - 1
79.10	0.03	78.60	0.00	Weir - 1
79.20	0.10	78.60	0.00	Weir - 1
79.30	0.18	78.60	0.00	Weir - 1
79.40	0.27	78.60	0.00	Weir - 1
79.50	0.38	78.60	0.00	Weir - 1
79.60	0.50	78.60	0.00	Weir - 1
79.70	0.62	78.60	0.00	Weir - 1
79.80	0.76	78.60	0.00	Weir - 1
79.90	0.91	78.60	0.00	Weir - 1
80.00	1.07	78.60	0.00	Weir - 1
80.10	1.23	78.60	0.00	Weir - 1
80.20	1.40	78.60	0.00	Weir - 1
80.30	1.58	78.60	0.00	Weir - 1
80.40	1.77	78.60	0.00	Weir - 1
80.50	1.96	78.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.70	0.00	Weir - 1
78.10	0.00	78.70	0.00	Weir - 1
78.20	0.00	78.70	0.00	Weir - 1
78.30	0.00	78.70	0.00	Weir - 1
78.40	0.00	78.70	0.00	Weir - 1
78.50	0.00	78.70	0.00	Weir - 1
78.60	0.00	78.70	0.00	Weir - 1
78.70	0.00	78.70	0.00	None Contributing
78.80	0.00	78.70	0.00	None Contributing
78.90	0.00	78.70	0.00	None Contributing
79.00	0.00	78.70	0.00	Weir - 1
79.10	0.03	78.70	0.00	Weir - 1
79.20	0.10	78.70	0.00	Weir - 1
79.30	0.18	78.70	0.00	Weir - 1
79.40	0.27	78.70	0.00	Weir - 1
79.50	0.38	78.70	0.00	Weir - 1
79.60	0.50	78.70	0.00	Weir - 1
79.70	0.62	78.70	0.00	Weir - 1
79.80	0.76	78.70	0.00	Weir - 1
79.90	0.91	78.70	0.00	Weir - 1
80.00	1.07	78.70	0.00	Weir - 1
80.10	1.23	78.70	0.00	Weir - 1
80.20	1.40	78.70	0.00	Weir - 1
80.30	1.58	78.70	0.00	Weir - 1
80.40	1.77	78.70	0.00	Weir - 1
80.50	1.96	78.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.80	0.00	Weir - 1
78.10	0.00	78.80	0.00	Weir - 1
78.20	0.00	78.80	0.00	Weir - 1
78.30	0.00	78.80	0.00	Weir - 1
78.40	0.00	78.80	0.00	Weir - 1
78.50	0.00	78.80	0.00	Weir - 1
78.60	0.00	78.80	0.00	Weir - 1
78.70	0.00	78.80	0.00	Weir - 1
78.80	0.00	78.80	0.00	None Contributing
78.90	0.00	78.80	0.00	None Contributing
79.00	0.00	78.80	0.00	Weir - 1
79.10	0.03	78.80	0.00	Weir - 1
79.20	0.10	78.80	0.00	Weir - 1
79.30	0.18	78.80	0.00	Weir - 1
79.40	0.27	78.80	0.00	Weir - 1
79.50	0.38	78.80	0.00	Weir - 1
79.60	0.50	78.80	0.00	Weir - 1
79.70	0.62	78.80	0.00	Weir - 1
79.80	0.76	78.80	0.00	Weir - 1
79.90	0.91	78.80	0.00	Weir - 1
80.00	1.07	78.80	0.00	Weir - 1
80.10	1.23	78.80	0.00	Weir - 1
80.20	1.40	78.80	0.00	Weir - 1
80.30	1.58	78.80	0.00	Weir - 1
80.40	1.77	78.80	0.00	Weir - 1
80.50	1.96	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	78.90	0.00	Weir - 1
78.10	0.00	78.90	0.00	Weir - 1
78.20	0.00	78.90	0.00	Weir - 1
78.30	0.00	78.90	0.00	Weir - 1
78.40	0.00	78.90	0.00	Weir - 1
78.50	0.00	78.90	0.00	Weir - 1
78.60	0.00	78.90	0.00	Weir - 1
78.70	0.00	78.90	0.00	Weir - 1
78.80	0.00	78.90	0.00	Weir - 1
78.90	0.00	78.90	0.00	None Contributing
79.00	0.00	78.90	0.00	Weir - 1
79.10	0.03	78.90	0.00	Weir - 1
79.20	0.10	78.90	0.00	Weir - 1
79.30	0.18	78.90	0.00	Weir - 1
79.40	0.27	78.90	0.00	Weir - 1
79.50	0.38	78.90	0.00	Weir - 1
79.60	0.50	78.90	0.00	Weir - 1
79.70	0.62	78.90	0.00	Weir - 1
79.80	0.76	78.90	0.00	Weir - 1
79.90	0.91	78.90	0.00	Weir - 1
80.00	1.07	78.90	0.00	Weir - 1
80.10	1.23	78.90	0.00	Weir - 1
80.20	1.40	78.90	0.00	Weir - 1
80.30	1.58	78.90	0.00	Weir - 1
80.40	1.77	78.90	0.00	Weir - 1
80.50	1.96	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.00	0.00	Weir - 1
78.10	0.00	79.00	0.00	Weir - 1
78.20	0.00	79.00	0.00	Weir - 1
78.30	0.00	79.00	0.00	Weir - 1
78.40	0.00	79.00	0.00	Weir - 1
78.50	0.00	79.00	0.00	Weir - 1
78.60	0.00	79.00	0.00	Weir - 1
78.70	0.00	79.00	0.00	Weir - 1
78.80	0.00	79.00	0.00	Weir - 1
78.90	0.00	79.00	0.00	Weir - 1
79.00	0.00	79.00	0.00	Weir - 1
79.10	0.03	79.00	0.00	Weir - 1
79.20	0.10	79.00	0.00	Weir - 1
79.30	0.18	79.00	0.00	Weir - 1
79.40	0.27	79.00	0.00	Weir - 1
79.50	0.38	79.00	0.00	Weir - 1
79.60	0.50	79.00	0.00	Weir - 1
79.70	0.62	79.00	0.00	Weir - 1
79.80	0.76	79.00	0.00	Weir - 1
79.90	0.91	79.00	0.00	Weir - 1
80.00	1.07	79.00	0.00	Weir - 1
80.10	1.23	79.00	0.00	Weir - 1
80.20	1.40	79.00	0.00	Weir - 1
80.30	1.58	79.00	0.00	Weir - 1
80.40	1.77	79.00	0.00	Weir - 1
80.50	1.96	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.10	0.00	Weir - 1
78.10	0.00	79.10	0.00	Weir - 1
78.20	0.00	79.10	0.00	Weir - 1
78.30	0.00	79.10	0.00	Weir - 1
78.40	0.00	79.10	0.00	Weir - 1
78.50	0.00	79.10	0.00	Weir - 1
78.60	0.00	79.10	0.00	Weir - 1
78.70	0.00	79.10	0.00	Weir - 1
78.80	0.00	79.10	0.00	Weir - 1
78.90	0.00	79.10	0.00	Weir - 1
79.00	0.00	79.10	0.00	Weir - 1
79.10	0.00	79.10	0.00	Weir - 1
79.20	0.08	79.10	0.00	Weir - 1
79.30	0.16	79.10	0.00	Weir - 1
79.40	0.26	79.10	0.00	Weir - 1
79.50	0.36	79.10	0.00	Weir - 1
79.60	0.48	79.10	0.00	Weir - 1
79.70	0.61	79.10	0.00	Weir - 1
79.80	0.75	79.10	0.00	Weir - 1
79.90	0.90	79.10	0.00	Weir - 1
80.00	1.05	79.10	0.00	Weir - 1
80.10	1.22	79.10	0.00	Weir - 1
80.20	1.39	79.10	0.00	Weir - 1
80.30	1.57	79.10	0.00	Weir - 1
80.40	1.75	79.10	0.00	Weir - 1
80.50	1.95	79.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.20	0.00	Weir - 1
78.10	0.00	79.20	0.00	Weir - 1
78.20	0.00	79.20	0.00	Weir - 1
78.30	0.00	79.20	0.00	Weir - 1
78.40	0.00	79.20	0.00	Weir - 1
78.50	0.00	79.20	0.00	Weir - 1
78.60	0.00	79.20	0.00	Weir - 1
78.70	0.00	79.20	0.00	Weir - 1
78.80	0.00	79.20	0.00	Weir - 1
78.90	0.00	79.20	0.00	Weir - 1
79.00	0.00	79.20	0.00	Weir - 1
79.10	0.00	79.20	0.00	Weir - 1
79.20	0.00	79.20	0.00	Weir - 1
79.30	0.13	79.20	0.00	Weir - 1
79.40	0.23	79.20	0.00	Weir - 1
79.50	0.34	79.20	0.00	Weir - 1
79.60	0.46	79.20	0.00	Weir - 1
79.70	0.59	79.20	0.00	Weir - 1
79.80	0.72	79.20	0.00	Weir - 1
79.90	0.87	79.20	0.00	Weir - 1
80.00	1.03	79.20	0.00	Weir - 1
80.10	1.19	79.20	0.00	Weir - 1
80.20	1.36	79.20	0.00	Weir - 1
80.30	1.54	79.20	0.00	Weir - 1
80.40	1.73	79.20	0.00	Weir - 1
80.50	1.92	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.30	0.00	Weir - 1
78.10	0.00	79.30	0.00	Weir - 1
78.20	0.00	79.30	0.00	Weir - 1
78.30	0.00	79.30	0.00	Weir - 1
78.40	0.00	79.30	0.00	Weir - 1
78.50	0.00	79.30	0.00	Weir - 1
78.60	0.00	79.30	0.00	Weir - 1
78.70	0.00	79.30	0.00	Weir - 1
78.80	0.00	79.30	0.00	Weir - 1
78.90	0.00	79.30	0.00	Weir - 1
79.00	0.00	79.30	0.00	Weir - 1
79.10	0.00	79.30	0.00	Weir - 1
79.20	0.00	79.30	0.00	Weir - 1
79.30	0.00	79.30	0.00	Weir - 1
79.40	0.18	79.30	0.00	Weir - 1
79.50	0.30	79.30	0.00	Weir - 1
79.60	0.42	79.30	0.00	Weir - 1
79.70	0.55	79.30	0.00	Weir - 1
79.80	0.69	79.30	0.00	Weir - 1
79.90	0.84	79.30	0.00	Weir - 1
80.00	1.00	79.30	0.00	Weir - 1
80.10	1.16	79.30	0.00	Weir - 1
80.20	1.33	79.30	0.00	Weir - 1
80.30	1.51	79.30	0.00	Weir - 1
80.40	1.70	79.30	0.00	Weir - 1
80.50	1.89	79.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.40	0.00	Weir - 1
78.10	0.00	79.40	0.00	Weir - 1
78.20	0.00	79.40	0.00	Weir - 1
78.30	0.00	79.40	0.00	Weir - 1
78.40	0.00	79.40	0.00	Weir - 1
78.50	0.00	79.40	0.00	Weir - 1
78.60	0.00	79.40	0.00	Weir - 1
78.70	0.00	79.40	0.00	Weir - 1
78.80	0.00	79.40	0.00	Weir - 1
78.90	0.00	79.40	0.00	Weir - 1
79.00	0.00	79.40	0.00	Weir - 1
79.10	0.00	79.40	0.00	Weir - 1
79.20	0.00	79.40	0.00	Weir - 1
79.30	0.00	79.40	0.00	Weir - 1
79.40	0.00	79.40	0.00	Weir - 1
79.50	0.23	79.40	0.00	Weir - 1
79.60	0.37	79.40	0.00	Weir - 1
79.70	0.50	79.40	0.00	Weir - 1
79.80	0.65	79.40	0.00	Weir - 1
79.90	0.80	79.40	0.00	Weir - 1
80.00	0.95	79.40	0.00	Weir - 1
80.10	1.12	79.40	0.00	Weir - 1
80.20	1.29	79.40	0.00	Weir - 1
80.30	1.47	79.40	0.00	Weir - 1
80.40	1.66	79.40	0.00	Weir - 1
80.50	1.85	79.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.50	0.00	Weir - 1
78.10	0.00	79.50	0.00	Weir - 1
78.20	0.00	79.50	0.00	Weir - 1
78.30	0.00	79.50	0.00	Weir - 1
78.40	0.00	79.50	0.00	Weir - 1
78.50	0.00	79.50	0.00	Weir - 1
78.60	0.00	79.50	0.00	Weir - 1
78.70	0.00	79.50	0.00	Weir - 1
78.80	0.00	79.50	0.00	Weir - 1
78.90	0.00	79.50	0.00	Weir - 1
79.00	0.00	79.50	0.00	Weir - 1
79.10	0.00	79.50	0.00	Weir - 1
79.20	0.00	79.50	0.00	Weir - 1
79.30	0.00	79.50	0.00	Weir - 1
79.40	0.00	79.50	0.00	Weir - 1
79.50	0.00	79.50	0.00	Weir - 1
79.60	0.29	79.50	0.00	Weir - 1
79.70	0.44	79.50	0.00	Weir - 1
79.80	0.59	79.50	0.00	Weir - 1
79.90	0.74	79.50	0.00	Weir - 1
80.00	0.90	79.50	0.00	Weir - 1
80.10	1.07	79.50	0.00	Weir - 1
80.20	1.24	79.50	0.00	Weir - 1
80.30	1.42	79.50	0.00	Weir - 1
80.40	1.61	79.50	0.00	Weir - 1
80.50	1.80	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.60	0.00	Weir - 1
78.10	0.00	79.60	0.00	Weir - 1
78.20	0.00	79.60	0.00	Weir - 1
78.30	0.00	79.60	0.00	Weir - 1
78.40	0.00	79.60	0.00	Weir - 1
78.50	0.00	79.60	0.00	Weir - 1
78.60	0.00	79.60	0.00	Weir - 1
78.70	0.00	79.60	0.00	Weir - 1
78.80	0.00	79.60	0.00	Weir - 1
78.90	0.00	79.60	0.00	Weir - 1
79.00	0.00	79.60	0.00	Weir - 1
79.10	0.00	79.60	0.00	Weir - 1
79.20	0.00	79.60	0.00	Weir - 1
79.30	0.00	79.60	0.00	Weir - 1
79.40	0.00	79.60	0.00	Weir - 1
79.50	0.00	79.60	0.00	Weir - 1
79.60	0.00	79.60	0.00	Weir - 1
79.70	0.34	79.60	0.00	Weir - 1
79.80	0.51	79.60	0.00	Weir - 1
79.90	0.67	79.60	0.00	Weir - 1
80.00	0.84	79.60	0.00	Weir - 1
80.10	1.01	79.60	0.00	Weir - 1
80.20	1.19	79.60	0.00	Weir - 1
80.30	1.37	79.60	0.00	Weir - 1
80.40	1.56	79.60	0.00	Weir - 1
80.50	1.75	79.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.70	0.00	Weir - 1
78.10	0.00	79.70	0.00	Weir - 1
78.20	0.00	79.70	0.00	Weir - 1
78.30	0.00	79.70	0.00	Weir - 1
78.40	0.00	79.70	0.00	Weir - 1
78.50	0.00	79.70	0.00	Weir - 1
78.60	0.00	79.70	0.00	Weir - 1
78.70	0.00	79.70	0.00	Weir - 1
78.80	0.00	79.70	0.00	Weir - 1
78.90	0.00	79.70	0.00	Weir - 1
79.00	0.00	79.70	0.00	Weir - 1
79.10	0.00	79.70	0.00	Weir - 1
79.20	0.00	79.70	0.00	Weir - 1
79.30	0.00	79.70	0.00	Weir - 1
79.40	0.00	79.70	0.00	Weir - 1
79.50	0.00	79.70	0.00	Weir - 1
79.60	0.00	79.70	0.00	Weir - 1
79.70	0.00	79.70	0.00	Weir - 1
79.80	0.40	79.70	0.00	Weir - 1
79.90	0.58	79.70	0.00	Weir - 1
80.00	0.76	79.70	0.00	Weir - 1
80.10	0.94	79.70	0.00	Weir - 1
80.20	1.12	79.70	0.00	Weir - 1
80.30	1.30	79.70	0.00	Weir - 1
80.40	1.49	79.70	0.00	Weir - 1
80.50	1.69	79.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.80	0.00	Weir - 1
78.10	0.00	79.80	0.00	Weir - 1
78.20	0.00	79.80	0.00	Weir - 1
78.30	0.00	79.80	0.00	Weir - 1
78.40	0.00	79.80	0.00	Weir - 1
78.50	0.00	79.80	0.00	Weir - 1
78.60	0.00	79.80	0.00	Weir - 1
78.70	0.00	79.80	0.00	Weir - 1
78.80	0.00	79.80	0.00	Weir - 1
78.90	0.00	79.80	0.00	Weir - 1
79.00	0.00	79.80	0.00	Weir - 1
79.10	0.00	79.80	0.00	Weir - 1
79.20	0.00	79.80	0.00	Weir - 1
79.30	0.00	79.80	0.00	Weir - 1
79.40	0.00	79.80	0.00	Weir - 1
79.50	0.00	79.80	0.00	Weir - 1
79.60	0.00	79.80	0.00	Weir - 1
79.70	0.00	79.80	0.00	Weir - 1
79.80	0.00	79.80	0.00	Weir - 1
79.90	0.45	79.80	0.00	Weir - 1
80.00	0.66	79.80	0.00	Weir - 1
80.10	0.85	79.80	0.00	Weir - 1
80.20	1.04	79.80	0.00	Weir - 1
80.30	1.23	79.80	0.00	Weir - 1
80.40	1.42	79.80	0.00	Weir - 1
80.50	1.62	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	79.90	0.00	Weir - 1
78.10	0.00	79.90	0.00	Weir - 1
78.20	0.00	79.90	0.00	Weir - 1
78.30	0.00	79.90	0.00	Weir - 1
78.40	0.00	79.90	0.00	Weir - 1
78.50	0.00	79.90	0.00	Weir - 1
78.60	0.00	79.90	0.00	Weir - 1
78.70	0.00	79.90	0.00	Weir - 1
78.80	0.00	79.90	0.00	Weir - 1
78.90	0.00	79.90	0.00	Weir - 1
79.00	0.00	79.90	0.00	Weir - 1
79.10	0.00	79.90	0.00	Weir - 1
79.20	0.00	79.90	0.00	Weir - 1
79.30	0.00	79.90	0.00	Weir - 1
79.40	0.00	79.90	0.00	Weir - 1
79.50	0.00	79.90	0.00	Weir - 1
79.60	0.00	79.90	0.00	Weir - 1
79.70	0.00	79.90	0.00	Weir - 1
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	Weir - 1
80.00	0.51	79.90	0.00	Weir - 1
80.10	0.73	79.90	0.00	Weir - 1
80.20	0.94	79.90	0.00	Weir - 1
80.30	1.14	79.90	0.00	Weir - 1
80.40	1.34	79.90	0.00	Weir - 1
80.50	1.54	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.00	0.00	Weir - 1
78.10	0.00	80.00	0.00	Weir - 1
78.20	0.00	80.00	0.00	Weir - 1
78.30	0.00	80.00	0.00	Weir - 1
78.40	0.00	80.00	0.00	Weir - 1
78.50	0.00	80.00	0.00	Weir - 1
78.60	0.00	80.00	0.00	Weir - 1
78.70	0.00	80.00	0.00	Weir - 1
78.80	0.00	80.00	0.00	Weir - 1
78.90	0.00	80.00	0.00	Weir - 1
79.00	0.00	80.00	0.00	Weir - 1
79.10	0.00	80.00	0.00	Weir - 1
79.20	0.00	80.00	0.00	Weir - 1
79.30	0.00	80.00	0.00	Weir - 1
79.40	0.00	80.00	0.00	Weir - 1
79.50	0.00	80.00	0.00	Weir - 1
79.60	0.00	80.00	0.00	Weir - 1
79.70	0.00	80.00	0.00	Weir - 1
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	Weir - 1
80.10	0.57	80.00	0.00	Weir - 1
80.20	0.81	80.00	0.00	Weir - 1
80.30	1.03	80.00	0.00	Weir - 1
80.40	1.24	80.00	0.00	Weir - 1
80.50	1.45	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.10	0.00	Weir - 1
78.10	0.00	80.10	0.00	Weir - 1
78.20	0.00	80.10	0.00	Weir - 1
78.30	0.00	80.10	0.00	Weir - 1
78.40	0.00	80.10	0.00	Weir - 1
78.50	0.00	80.10	0.00	Weir - 1
78.60	0.00	80.10	0.00	Weir - 1
78.70	0.00	80.10	0.00	Weir - 1
78.80	0.00	80.10	0.00	Weir - 1
78.90	0.00	80.10	0.00	Weir - 1
79.00	0.00	80.10	0.00	Weir - 1
79.10	0.00	80.10	0.00	Weir - 1
79.20	0.00	80.10	0.00	Weir - 1
79.30	0.00	80.10	0.00	Weir - 1
79.40	0.00	80.10	0.00	Weir - 1
79.50	0.00	80.10	0.00	Weir - 1
79.60	0.00	80.10	0.00	Weir - 1
79.70	0.00	80.10	0.00	Weir - 1
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	Weir - 1
80.20	0.62	80.10	0.00	Weir - 1
80.30	0.89	80.10	0.00	Weir - 1
80.40	1.12	80.10	0.00	Weir - 1
80.50	1.34	80.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 1
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.20	0.00	Weir - 1
78.10	0.00	80.20	0.00	Weir - 1
78.20	0.00	80.20	0.00	Weir - 1
78.30	0.00	80.20	0.00	Weir - 1
78.40	0.00	80.20	0.00	Weir - 1
78.50	0.00	80.20	0.00	Weir - 1
78.60	0.00	80.20	0.00	Weir - 1
78.70	0.00	80.20	0.00	Weir - 1
78.80	0.00	80.20	0.00	Weir - 1
78.90	0.00	80.20	0.00	Weir - 1
79.00	0.00	80.20	0.00	Weir - 1
79.10	0.00	80.20	0.00	Weir - 1
79.20	0.00	80.20	0.00	Weir - 1
79.30	0.00	80.20	0.00	Weir - 1
79.40	0.00	80.20	0.00	Weir - 1
79.50	0.00	80.20	0.00	Weir - 1
79.60	0.00	80.20	0.00	Weir - 1
79.70	0.00	80.20	0.00	Weir - 1
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	Weir - 1
80.30	0.68	80.20	0.00	Weir - 1
80.40	0.96	80.20	0.00	Weir - 1
80.50	1.21	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.30	0.00	Weir - 1
78.10	0.00	80.30	0.00	Weir - 1
78.20	0.00	80.30	0.00	Weir - 1
78.30	0.00	80.30	0.00	Weir - 1
78.40	0.00	80.30	0.00	Weir - 1
78.50	0.00	80.30	0.00	Weir - 1
78.60	0.00	80.30	0.00	Weir - 1
78.70	0.00	80.30	0.00	Weir - 1
78.80	0.00	80.30	0.00	Weir - 1
78.90	0.00	80.30	0.00	Weir - 1
79.00	0.00	80.30	0.00	Weir - 1
79.10	0.00	80.30	0.00	Weir - 1
79.20	0.00	80.30	0.00	Weir - 1
79.30	0.00	80.30	0.00	Weir - 1
79.40	0.00	80.30	0.00	Weir - 1
79.50	0.00	80.30	0.00	Weir - 1
79.60	0.00	80.30	0.00	Weir - 1
79.70	0.00	80.30	0.00	Weir - 1
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	Weir - 1
80.40	0.74	80.30	0.00	Weir - 1
80.50	1.04	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.40	0.00	Weir - 1
78.10	0.00	80.40	0.00	Weir - 1
78.20	0.00	80.40	0.00	Weir - 1
78.30	0.00	80.40	0.00	Weir - 1
78.40	0.00	80.40	0.00	Weir - 1
78.50	0.00	80.40	0.00	Weir - 1
78.60	0.00	80.40	0.00	Weir - 1
78.70	0.00	80.40	0.00	Weir - 1
78.80	0.00	80.40	0.00	Weir - 1
78.90	0.00	80.40	0.00	Weir - 1
79.00	0.00	80.40	0.00	Weir - 1
79.10	0.00	80.40	0.00	Weir - 1
79.20	0.00	80.40	0.00	Weir - 1
79.30	0.00	80.40	0.00	Weir - 1
79.40	0.00	80.40	0.00	Weir - 1
79.50	0.00	80.40	0.00	Weir - 1
79.60	0.00	80.40	0.00	Weir - 1
79.70	0.00	80.40	0.00	Weir - 1
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	Weir - 1
80.50	0.80	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.00	0.00	80.50	0.00	Weir - 1
78.10	0.00	80.50	0.00	Weir - 1
78.20	0.00	80.50	0.00	Weir - 1
78.30	0.00	80.50	0.00	Weir - 1
78.40	0.00	80.50	0.00	Weir - 1
78.50	0.00	80.50	0.00	Weir - 1
78.60	0.00	80.50	0.00	Weir - 1
78.70	0.00	80.50	0.00	Weir - 1
78.80	0.00	80.50	0.00	Weir - 1
78.90	0.00	80.50	0.00	Weir - 1
79.00	0.00	80.50	0.00	Weir - 1
79.10	0.00	80.50	0.00	Weir - 1
79.20	0.00	80.50	0.00	Weir - 1
79.30	0.00	80.50	0.00	Weir - 1
79.40	0.00	80.50	0.00	Weir - 1
79.50	0.00	80.50	0.00	Weir - 1
79.60	0.00	80.50	0.00	Weir - 1
79.70	0.00	80.50	0.00	Weir - 1
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.00	0.00	None Contributing
83.60	0.00	77.00	0.00	None Contributing
83.70	0.00	77.00	0.00	None Contributing
83.80	0.00	77.00	0.00	None Contributing
83.90	0.00	77.00	0.00	None Contributing
84.00	0.00	77.00	0.00	Weir - 1
84.10	0.10	77.00	0.00	Weir - 1
84.20	0.29	77.00	0.00	Weir - 1
84.30	0.53	77.00	0.00	Weir - 1
84.40	0.81	77.00	0.00	Weir - 1
84.50	1.13	77.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.10	0.00	None Contributing
83.60	0.00	77.10	0.00	None Contributing
83.70	0.00	77.10	0.00	None Contributing
83.80	0.00	77.10	0.00	None Contributing
83.90	0.00	77.10	0.00	None Contributing
84.00	0.00	77.10	0.00	Weir - 1
84.10	0.10	77.10	0.00	Weir - 1
84.20	0.29	77.10	0.00	Weir - 1
84.30	0.53	77.10	0.00	Weir - 1
84.40	0.81	77.10	0.00	Weir - 1
84.50	1.13	77.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.20	0.00	None Contributing
83.60	0.00	77.20	0.00	None Contributing
83.70	0.00	77.20	0.00	None Contributing
83.80	0.00	77.20	0.00	None Contributing
83.90	0.00	77.20	0.00	None Contributing
84.00	0.00	77.20	0.00	Weir - 1
84.10	0.10	77.20	0.00	Weir - 1
84.20	0.29	77.20	0.00	Weir - 1
84.30	0.53	77.20	0.00	Weir - 1
84.40	0.81	77.20	0.00	Weir - 1
84.50	1.13	77.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.30	0.00	None Contributing
83.60	0.00	77.30	0.00	None Contributing
83.70	0.00	77.30	0.00	None Contributing
83.80	0.00	77.30	0.00	None Contributing
83.90	0.00	77.30	0.00	None Contributing
84.00	0.00	77.30	0.00	Weir - 1
84.10	0.10	77.30	0.00	Weir - 1
84.20	0.29	77.30	0.00	Weir - 1
84.30	0.53	77.30	0.00	Weir - 1
84.40	0.81	77.30	0.00	Weir - 1
84.50	1.13	77.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.40	0.00	None Contributing
83.60	0.00	77.40	0.00	None Contributing
83.70	0.00	77.40	0.00	None Contributing
83.80	0.00	77.40	0.00	None Contributing
83.90	0.00	77.40	0.00	None Contributing
84.00	0.00	77.40	0.00	Weir - 1
84.10	0.10	77.40	0.00	Weir - 1
84.20	0.29	77.40	0.00	Weir - 1
84.30	0.53	77.40	0.00	Weir - 1
84.40	0.81	77.40	0.00	Weir - 1
84.50	1.13	77.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.50	0.00	None Contributing
83.60	0.00	77.50	0.00	None Contributing
83.70	0.00	77.50	0.00	None Contributing
83.80	0.00	77.50	0.00	None Contributing
83.90	0.00	77.50	0.00	None Contributing
84.00	0.00	77.50	0.00	Weir - 1
84.10	0.10	77.50	0.00	Weir - 1
84.20	0.29	77.50	0.00	Weir - 1
84.30	0.53	77.50	0.00	Weir - 1
84.40	0.81	77.50	0.00	Weir - 1
84.50	1.13	77.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.60	0.00	None Contributing
83.60	0.00	77.60	0.00	None Contributing
83.70	0.00	77.60	0.00	None Contributing
83.80	0.00	77.60	0.00	None Contributing
83.90	0.00	77.60	0.00	None Contributing
84.00	0.00	77.60	0.00	Weir - 1
84.10	0.10	77.60	0.00	Weir - 1
84.20	0.29	77.60	0.00	Weir - 1
84.30	0.53	77.60	0.00	Weir - 1
84.40	0.81	77.60	0.00	Weir - 1
84.50	1.13	77.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.70	0.00	None Contributing
83.60	0.00	77.70	0.00	None Contributing
83.70	0.00	77.70	0.00	None Contributing
83.80	0.00	77.70	0.00	None Contributing
83.90	0.00	77.70	0.00	None Contributing
84.00	0.00	77.70	0.00	Weir - 1
84.10	0.10	77.70	0.00	Weir - 1
84.20	0.29	77.70	0.00	Weir - 1
84.30	0.53	77.70	0.00	Weir - 1
84.40	0.81	77.70	0.00	Weir - 1
84.50	1.13	77.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.80	0.00	None Contributing
83.60	0.00	77.80	0.00	None Contributing
83.70	0.00	77.80	0.00	None Contributing
83.80	0.00	77.80	0.00	None Contributing
83.90	0.00	77.80	0.00	None Contributing
84.00	0.00	77.80	0.00	Weir - 1
84.10	0.10	77.80	0.00	Weir - 1
84.20	0.29	77.80	0.00	Weir - 1
84.30	0.53	77.80	0.00	Weir - 1
84.40	0.81	77.80	0.00	Weir - 1
84.50	1.13	77.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	77.90	0.00	None Contributing
83.60	0.00	77.90	0.00	None Contributing
83.70	0.00	77.90	0.00	None Contributing
83.80	0.00	77.90	0.00	None Contributing
83.90	0.00	77.90	0.00	None Contributing
84.00	0.00	77.90	0.00	Weir - 1
84.10	0.10	77.90	0.00	Weir - 1
84.20	0.29	77.90	0.00	Weir - 1
84.30	0.53	77.90	0.00	Weir - 1
84.40	0.81	77.90	0.00	Weir - 1
84.50	1.13	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.00	0.00	None Contributing
83.60	0.00	78.00	0.00	None Contributing
83.70	0.00	78.00	0.00	None Contributing
83.80	0.00	78.00	0.00	None Contributing
83.90	0.00	78.00	0.00	None Contributing
84.00	0.00	78.00	0.00	Weir - 1
84.10	0.10	78.00	0.00	Weir - 1
84.20	0.29	78.00	0.00	Weir - 1
84.30	0.53	78.00	0.00	Weir - 1
84.40	0.81	78.00	0.00	Weir - 1
84.50	1.13	78.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.10	0.00	None Contributing
83.60	0.00	78.10	0.00	None Contributing
83.70	0.00	78.10	0.00	None Contributing
83.80	0.00	78.10	0.00	None Contributing
83.90	0.00	78.10	0.00	None Contributing
84.00	0.00	78.10	0.00	Weir - 1
84.10	0.10	78.10	0.00	Weir - 1
84.20	0.29	78.10	0.00	Weir - 1
84.30	0.53	78.10	0.00	Weir - 1
84.40	0.81	78.10	0.00	Weir - 1
84.50	1.13	78.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.20	0.00	None Contributing
83.60	0.00	78.20	0.00	None Contributing
83.70	0.00	78.20	0.00	None Contributing
83.80	0.00	78.20	0.00	None Contributing
83.90	0.00	78.20	0.00	None Contributing
84.00	0.00	78.20	0.00	Weir - 1
84.10	0.10	78.20	0.00	Weir - 1
84.20	0.29	78.20	0.00	Weir - 1
84.30	0.53	78.20	0.00	Weir - 1
84.40	0.81	78.20	0.00	Weir - 1
84.50	1.13	78.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.30	0.00	None Contributing
83.60	0.00	78.30	0.00	None Contributing
83.70	0.00	78.30	0.00	None Contributing
83.80	0.00	78.30	0.00	None Contributing
83.90	0.00	78.30	0.00	None Contributing
84.00	0.00	78.30	0.00	Weir - 1
84.10	0.10	78.30	0.00	Weir - 1
84.20	0.29	78.30	0.00	Weir - 1
84.30	0.53	78.30	0.00	Weir - 1
84.40	0.81	78.30	0.00	Weir - 1
84.50	1.13	78.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.40	0.00	None Contributing
83.60	0.00	78.40	0.00	None Contributing
83.70	0.00	78.40	0.00	None Contributing
83.80	0.00	78.40	0.00	None Contributing
83.90	0.00	78.40	0.00	None Contributing
84.00	0.00	78.40	0.00	Weir - 1
84.10	0.10	78.40	0.00	Weir - 1
84.20	0.29	78.40	0.00	Weir - 1
84.30	0.53	78.40	0.00	Weir - 1
84.40	0.81	78.40	0.00	Weir - 1
84.50	1.13	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.50	0.00	None Contributing
83.60	0.00	78.50	0.00	None Contributing
83.70	0.00	78.50	0.00	None Contributing
83.80	0.00	78.50	0.00	None Contributing
83.90	0.00	78.50	0.00	None Contributing
84.00	0.00	78.50	0.00	Weir - 1
84.10	0.10	78.50	0.00	Weir - 1
84.20	0.29	78.50	0.00	Weir - 1
84.30	0.53	78.50	0.00	Weir - 1
84.40	0.81	78.50	0.00	Weir - 1
84.50	1.13	78.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.60	0.00	None Contributing
83.60	0.00	78.60	0.00	None Contributing
83.70	0.00	78.60	0.00	None Contributing
83.80	0.00	78.60	0.00	None Contributing
83.90	0.00	78.60	0.00	None Contributing
84.00	0.00	78.60	0.00	Weir - 1
84.10	0.10	78.60	0.00	Weir - 1
84.20	0.29	78.60	0.00	Weir - 1
84.30	0.53	78.60	0.00	Weir - 1
84.40	0.81	78.60	0.00	Weir - 1
84.50	1.13	78.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.70	0.00	None Contributing
83.60	0.00	78.70	0.00	None Contributing
83.70	0.00	78.70	0.00	None Contributing
83.80	0.00	78.70	0.00	None Contributing
83.90	0.00	78.70	0.00	None Contributing
84.00	0.00	78.70	0.00	Weir - 1
84.10	0.10	78.70	0.00	Weir - 1
84.20	0.29	78.70	0.00	Weir - 1
84.30	0.53	78.70	0.00	Weir - 1
84.40	0.81	78.70	0.00	Weir - 1
84.50	1.13	78.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.80	0.00	None Contributing
83.60	0.00	78.80	0.00	None Contributing
83.70	0.00	78.80	0.00	None Contributing
83.80	0.00	78.80	0.00	None Contributing
83.90	0.00	78.80	0.00	None Contributing
84.00	0.00	78.80	0.00	Weir - 1
84.10	0.10	78.80	0.00	Weir - 1
84.20	0.29	78.80	0.00	Weir - 1
84.30	0.53	78.80	0.00	Weir - 1
84.40	0.81	78.80	0.00	Weir - 1
84.50	1.13	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	78.90	0.00	None Contributing
83.60	0.00	78.90	0.00	None Contributing
83.70	0.00	78.90	0.00	None Contributing
83.80	0.00	78.90	0.00	None Contributing
83.90	0.00	78.90	0.00	None Contributing
84.00	0.00	78.90	0.00	Weir - 1
84.10	0.10	78.90	0.00	Weir - 1
84.20	0.29	78.90	0.00	Weir - 1
84.30	0.53	78.90	0.00	Weir - 1
84.40	0.81	78.90	0.00	Weir - 1
84.50	1.13	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.00	0.00	None Contributing
83.60	0.00	79.00	0.00	None Contributing
83.70	0.00	79.00	0.00	None Contributing
83.80	0.00	79.00	0.00	None Contributing
83.90	0.00	79.00	0.00	None Contributing
84.00	0.00	79.00	0.00	Weir - 1
84.10	0.10	79.00	0.00	Weir - 1
84.20	0.29	79.00	0.00	Weir - 1
84.30	0.53	79.00	0.00	Weir - 1
84.40	0.81	79.00	0.00	Weir - 1
84.50	1.13	79.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.10	0.00	None Contributing
83.60	0.00	79.10	0.00	None Contributing
83.70	0.00	79.10	0.00	None Contributing
83.80	0.00	79.10	0.00	None Contributing
83.90	0.00	79.10	0.00	None Contributing
84.00	0.00	79.10	0.00	Weir - 1
84.10	0.10	79.10	0.00	Weir - 1
84.20	0.29	79.10	0.00	Weir - 1
84.30	0.53	79.10	0.00	Weir - 1
84.40	0.81	79.10	0.00	Weir - 1
84.50	1.13	79.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.20	0.00	None Contributing
83.60	0.00	79.20	0.00	None Contributing
83.70	0.00	79.20	0.00	None Contributing
83.80	0.00	79.20	0.00	None Contributing
83.90	0.00	79.20	0.00	None Contributing
84.00	0.00	79.20	0.00	Weir - 1
84.10	0.10	79.20	0.00	Weir - 1
84.20	0.29	79.20	0.00	Weir - 1
84.30	0.53	79.20	0.00	Weir - 1
84.40	0.81	79.20	0.00	Weir - 1
84.50	1.13	79.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.30	0.00	None Contributing
83.60	0.00	79.30	0.00	None Contributing
83.70	0.00	79.30	0.00	None Contributing
83.80	0.00	79.30	0.00	None Contributing
83.90	0.00	79.30	0.00	None Contributing
84.00	0.00	79.30	0.00	Weir - 1
84.10	0.10	79.30	0.00	Weir - 1
84.20	0.29	79.30	0.00	Weir - 1
84.30	0.53	79.30	0.00	Weir - 1
84.40	0.81	79.30	0.00	Weir - 1
84.50	1.13	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.40	0.00	None Contributing
83.60	0.00	79.40	0.00	None Contributing
83.70	0.00	79.40	0.00	None Contributing
83.80	0.00	79.40	0.00	None Contributing
83.90	0.00	79.40	0.00	None Contributing
84.00	0.00	79.40	0.00	Weir - 1
84.10	0.10	79.40	0.00	Weir - 1
84.20	0.29	79.40	0.00	Weir - 1
84.30	0.53	79.40	0.00	Weir - 1
84.40	0.81	79.40	0.00	Weir - 1
84.50	1.13	79.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.50	0.00	None Contributing
83.60	0.00	79.50	0.00	None Contributing
83.70	0.00	79.50	0.00	None Contributing
83.80	0.00	79.50	0.00	None Contributing
83.90	0.00	79.50	0.00	None Contributing
84.00	0.00	79.50	0.00	Weir - 1
84.10	0.10	79.50	0.00	Weir - 1
84.20	0.29	79.50	0.00	Weir - 1
84.30	0.53	79.50	0.00	Weir - 1
84.40	0.81	79.50	0.00	Weir - 1
84.50	1.13	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.60	0.00	None Contributing
83.60	0.00	79.60	0.00	None Contributing
83.70	0.00	79.60	0.00	None Contributing
83.80	0.00	79.60	0.00	None Contributing
83.90	0.00	79.60	0.00	None Contributing
84.00	0.00	79.60	0.00	Weir - 1
84.10	0.10	79.60	0.00	Weir - 1
84.20	0.29	79.60	0.00	Weir - 1
84.30	0.53	79.60	0.00	Weir - 1
84.40	0.81	79.60	0.00	Weir - 1
84.50	1.13	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.70	0.00	None Contributing
83.60	0.00	79.70	0.00	None Contributing
83.70	0.00	79.70	0.00	None Contributing
83.80	0.00	79.70	0.00	None Contributing
83.90	0.00	79.70	0.00	None Contributing
84.00	0.00	79.70	0.00	Weir - 1
84.10	0.10	79.70	0.00	Weir - 1
84.20	0.29	79.70	0.00	Weir - 1
84.30	0.53	79.70	0.00	Weir - 1
84.40	0.81	79.70	0.00	Weir - 1
84.50	1.13	79.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.80	0.00	None Contributing
83.60	0.00	79.80	0.00	None Contributing
83.70	0.00	79.80	0.00	None Contributing
83.80	0.00	79.80	0.00	None Contributing
83.90	0.00	79.80	0.00	None Contributing
84.00	0.00	79.80	0.00	Weir - 1
84.10	0.10	79.80	0.00	Weir - 1
84.20	0.29	79.80	0.00	Weir - 1
84.30	0.53	79.80	0.00	Weir - 1
84.40	0.81	79.80	0.00	Weir - 1
84.50	1.13	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	79.90	0.00	None Contributing
83.60	0.00	79.90	0.00	None Contributing
83.70	0.00	79.90	0.00	None Contributing
83.80	0.00	79.90	0.00	None Contributing
83.90	0.00	79.90	0.00	None Contributing
84.00	0.00	79.90	0.00	Weir - 1
84.10	0.10	79.90	0.00	Weir - 1
84.20	0.29	79.90	0.00	Weir - 1
84.30	0.53	79.90	0.00	Weir - 1
84.40	0.81	79.90	0.00	Weir - 1
84.50	1.13	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.00	0.00	None Contributing
83.60	0.00	80.00	0.00	None Contributing
83.70	0.00	80.00	0.00	None Contributing
83.80	0.00	80.00	0.00	None Contributing
83.90	0.00	80.00	0.00	None Contributing
84.00	0.00	80.00	0.00	Weir - 1
84.10	0.10	80.00	0.00	Weir - 1
84.20	0.29	80.00	0.00	Weir - 1
84.30	0.53	80.00	0.00	Weir - 1
84.40	0.81	80.00	0.00	Weir - 1
84.50	1.13	80.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.10	0.00	None Contributing
83.60	0.00	80.10	0.00	None Contributing
83.70	0.00	80.10	0.00	None Contributing
83.80	0.00	80.10	0.00	None Contributing
83.90	0.00	80.10	0.00	None Contributing
84.00	0.00	80.10	0.00	Weir - 1
84.10	0.10	80.10	0.00	Weir - 1
84.20	0.29	80.10	0.00	Weir - 1
84.30	0.53	80.10	0.00	Weir - 1
84.40	0.81	80.10	0.00	Weir - 1
84.50	1.13	80.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.20	0.00	None Contributing
83.60	0.00	80.20	0.00	None Contributing
83.70	0.00	80.20	0.00	None Contributing
83.80	0.00	80.20	0.00	None Contributing
83.90	0.00	80.20	0.00	None Contributing
84.00	0.00	80.20	0.00	Weir - 1
84.10	0.10	80.20	0.00	Weir - 1
84.20	0.29	80.20	0.00	Weir - 1
84.30	0.53	80.20	0.00	Weir - 1
84.40	0.81	80.20	0.00	Weir - 1
84.50	1.13	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.30	0.00	None Contributing
83.60	0.00	80.30	0.00	None Contributing
83.70	0.00	80.30	0.00	None Contributing
83.80	0.00	80.30	0.00	None Contributing
83.90	0.00	80.30	0.00	None Contributing
84.00	0.00	80.30	0.00	Weir - 1
84.10	0.10	80.30	0.00	Weir - 1
84.20	0.29	80.30	0.00	Weir - 1
84.30	0.53	80.30	0.00	Weir - 1
84.40	0.81	80.30	0.00	Weir - 1
84.50	1.13	80.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 2
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.40	0.00	None Contributing
83.60	0.00	80.40	0.00	None Contributing
83.70	0.00	80.40	0.00	None Contributing
83.80	0.00	80.40	0.00	None Contributing
83.90	0.00	80.40	0.00	None Contributing
84.00	0.00	80.40	0.00	Weir - 1
84.10	0.10	80.40	0.00	Weir - 1
84.20	0.29	80.40	0.00	Weir - 1
84.30	0.53	80.40	0.00	Weir - 1
84.40	0.81	80.40	0.00	Weir - 1
84.50	1.13	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
83.50	0.00	80.50	0.00	None Contributing
83.60	0.00	80.50	0.00	None Contributing
83.70	0.00	80.50	0.00	None Contributing
83.80	0.00	80.50	0.00	None Contributing
83.90	0.00	80.50	0.00	None Contributing
84.00	0.00	80.50	0.00	Weir - 1
84.10	0.10	80.50	0.00	Weir - 1
84.20	0.29	80.50	0.00	Weir - 1
84.30	0.53	80.50	0.00	Weir - 1
84.40	0.81	80.50	0.00	Weir - 1
84.50	1.13	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.00	0.00	None Contributing
84.70	0.00	77.00	0.00	None Contributing
84.80	0.00	77.00	0.00	None Contributing
84.90	0.00	77.00	0.00	None Contributing
85.00	0.00	77.00	0.00	None Contributing
85.10	0.00	77.00	0.00	None Contributing
85.20	0.00	77.00	0.00	None Contributing
85.30	0.00	77.00	0.00	None Contributing
85.40	0.00	77.00	0.00	None Contributing
85.50	0.00	77.00	0.00	None Contributing
85.60	0.00	77.00	0.00	Weir - 1
85.70	0.10	77.00	0.00	Weir - 1
85.80	0.29	77.00	0.00	Weir - 1
85.90	0.53	77.00	0.00	Weir - 1
86.00	0.81	77.00	0.00	Weir - 1
86.10	1.13	77.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.10	0.00	None Contributing
84.70	0.00	77.10	0.00	None Contributing
84.80	0.00	77.10	0.00	None Contributing
84.90	0.00	77.10	0.00	None Contributing
85.00	0.00	77.10	0.00	None Contributing
85.10	0.00	77.10	0.00	None Contributing
85.20	0.00	77.10	0.00	None Contributing
85.30	0.00	77.10	0.00	None Contributing
85.40	0.00	77.10	0.00	None Contributing
85.50	0.00	77.10	0.00	None Contributing
85.60	0.00	77.10	0.00	Weir - 1
85.70	0.10	77.10	0.00	Weir - 1
85.80	0.29	77.10	0.00	Weir - 1
85.90	0.53	77.10	0.00	Weir - 1
86.00	0.81	77.10	0.00	Weir - 1
86.10	1.13	77.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.20	0.00	None Contributing
84.70	0.00	77.20	0.00	None Contributing
84.80	0.00	77.20	0.00	None Contributing
84.90	0.00	77.20	0.00	None Contributing
85.00	0.00	77.20	0.00	None Contributing
85.10	0.00	77.20	0.00	None Contributing
85.20	0.00	77.20	0.00	None Contributing
85.30	0.00	77.20	0.00	None Contributing
85.40	0.00	77.20	0.00	None Contributing
85.50	0.00	77.20	0.00	None Contributing
85.60	0.00	77.20	0.00	Weir - 1
85.70	0.10	77.20	0.00	Weir - 1
85.80	0.29	77.20	0.00	Weir - 1
85.90	0.53	77.20	0.00	Weir - 1
86.00	0.81	77.20	0.00	Weir - 1
86.10	1.13	77.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.30	0.00	None Contributing
84.70	0.00	77.30	0.00	None Contributing
84.80	0.00	77.30	0.00	None Contributing
84.90	0.00	77.30	0.00	None Contributing
85.00	0.00	77.30	0.00	None Contributing
85.10	0.00	77.30	0.00	None Contributing
85.20	0.00	77.30	0.00	None Contributing
85.30	0.00	77.30	0.00	None Contributing
85.40	0.00	77.30	0.00	None Contributing
85.50	0.00	77.30	0.00	None Contributing
85.60	0.00	77.30	0.00	Weir - 1
85.70	0.10	77.30	0.00	Weir - 1
85.80	0.29	77.30	0.00	Weir - 1
85.90	0.53	77.30	0.00	Weir - 1
86.00	0.81	77.30	0.00	Weir - 1
86.10	1.13	77.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.40	0.00	None Contributing
84.70	0.00	77.40	0.00	None Contributing
84.80	0.00	77.40	0.00	None Contributing
84.90	0.00	77.40	0.00	None Contributing
85.00	0.00	77.40	0.00	None Contributing
85.10	0.00	77.40	0.00	None Contributing
85.20	0.00	77.40	0.00	None Contributing
85.30	0.00	77.40	0.00	None Contributing
85.40	0.00	77.40	0.00	None Contributing
85.50	0.00	77.40	0.00	None Contributing
85.60	0.00	77.40	0.00	Weir - 1
85.70	0.10	77.40	0.00	Weir - 1
85.80	0.29	77.40	0.00	Weir - 1
85.90	0.53	77.40	0.00	Weir - 1
86.00	0.81	77.40	0.00	Weir - 1
86.10	1.13	77.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.50	0.00	None Contributing
84.70	0.00	77.50	0.00	None Contributing
84.80	0.00	77.50	0.00	None Contributing
84.90	0.00	77.50	0.00	None Contributing
85.00	0.00	77.50	0.00	None Contributing
85.10	0.00	77.50	0.00	None Contributing
85.20	0.00	77.50	0.00	None Contributing
85.30	0.00	77.50	0.00	None Contributing
85.40	0.00	77.50	0.00	None Contributing
85.50	0.00	77.50	0.00	None Contributing
85.60	0.00	77.50	0.00	Weir - 1
85.70	0.10	77.50	0.00	Weir - 1
85.80	0.29	77.50	0.00	Weir - 1
85.90	0.53	77.50	0.00	Weir - 1
86.00	0.81	77.50	0.00	Weir - 1
86.10	1.13	77.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.60	0.00	None Contributing
84.70	0.00	77.60	0.00	None Contributing
84.80	0.00	77.60	0.00	None Contributing
84.90	0.00	77.60	0.00	None Contributing
85.00	0.00	77.60	0.00	None Contributing
85.10	0.00	77.60	0.00	None Contributing
85.20	0.00	77.60	0.00	None Contributing
85.30	0.00	77.60	0.00	None Contributing
85.40	0.00	77.60	0.00	None Contributing
85.50	0.00	77.60	0.00	None Contributing
85.60	0.00	77.60	0.00	Weir - 1
85.70	0.10	77.60	0.00	Weir - 1
85.80	0.29	77.60	0.00	Weir - 1
85.90	0.53	77.60	0.00	Weir - 1
86.00	0.81	77.60	0.00	Weir - 1
86.10	1.13	77.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.70	0.00	None Contributing
84.70	0.00	77.70	0.00	None Contributing
84.80	0.00	77.70	0.00	None Contributing
84.90	0.00	77.70	0.00	None Contributing
85.00	0.00	77.70	0.00	None Contributing
85.10	0.00	77.70	0.00	None Contributing
85.20	0.00	77.70	0.00	None Contributing
85.30	0.00	77.70	0.00	None Contributing
85.40	0.00	77.70	0.00	None Contributing
85.50	0.00	77.70	0.00	None Contributing
85.60	0.00	77.70	0.00	Weir - 1
85.70	0.10	77.70	0.00	Weir - 1
85.80	0.29	77.70	0.00	Weir - 1
85.90	0.53	77.70	0.00	Weir - 1
86.00	0.81	77.70	0.00	Weir - 1
86.10	1.13	77.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.80	0.00	None Contributing
84.70	0.00	77.80	0.00	None Contributing
84.80	0.00	77.80	0.00	None Contributing
84.90	0.00	77.80	0.00	None Contributing
85.00	0.00	77.80	0.00	None Contributing
85.10	0.00	77.80	0.00	None Contributing
85.20	0.00	77.80	0.00	None Contributing
85.30	0.00	77.80	0.00	None Contributing
85.40	0.00	77.80	0.00	None Contributing
85.50	0.00	77.80	0.00	None Contributing
85.60	0.00	77.80	0.00	Weir - 1
85.70	0.10	77.80	0.00	Weir - 1
85.80	0.29	77.80	0.00	Weir - 1
85.90	0.53	77.80	0.00	Weir - 1
86.00	0.81	77.80	0.00	Weir - 1
86.10	1.13	77.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	77.90	0.00	None Contributing
84.70	0.00	77.90	0.00	None Contributing
84.80	0.00	77.90	0.00	None Contributing
84.90	0.00	77.90	0.00	None Contributing
85.00	0.00	77.90	0.00	None Contributing
85.10	0.00	77.90	0.00	None Contributing
85.20	0.00	77.90	0.00	None Contributing
85.30	0.00	77.90	0.00	None Contributing
85.40	0.00	77.90	0.00	None Contributing
85.50	0.00	77.90	0.00	None Contributing
85.60	0.00	77.90	0.00	Weir - 1
85.70	0.10	77.90	0.00	Weir - 1
85.80	0.29	77.90	0.00	Weir - 1
85.90	0.53	77.90	0.00	Weir - 1
86.00	0.81	77.90	0.00	Weir - 1
86.10	1.13	77.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.00	0.00	None Contributing
84.70	0.00	78.00	0.00	None Contributing
84.80	0.00	78.00	0.00	None Contributing
84.90	0.00	78.00	0.00	None Contributing
85.00	0.00	78.00	0.00	None Contributing
85.10	0.00	78.00	0.00	None Contributing
85.20	0.00	78.00	0.00	None Contributing
85.30	0.00	78.00	0.00	None Contributing
85.40	0.00	78.00	0.00	None Contributing
85.50	0.00	78.00	0.00	None Contributing
85.60	0.00	78.00	0.00	Weir - 1
85.70	0.10	78.00	0.00	Weir - 1
85.80	0.29	78.00	0.00	Weir - 1
85.90	0.53	78.00	0.00	Weir - 1
86.00	0.81	78.00	0.00	Weir - 1
86.10	1.13	78.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.10	0.00	None Contributing
84.70	0.00	78.10	0.00	None Contributing
84.80	0.00	78.10	0.00	None Contributing
84.90	0.00	78.10	0.00	None Contributing
85.00	0.00	78.10	0.00	None Contributing
85.10	0.00	78.10	0.00	None Contributing
85.20	0.00	78.10	0.00	None Contributing
85.30	0.00	78.10	0.00	None Contributing
85.40	0.00	78.10	0.00	None Contributing
85.50	0.00	78.10	0.00	None Contributing
85.60	0.00	78.10	0.00	Weir - 1
85.70	0.10	78.10	0.00	Weir - 1
85.80	0.29	78.10	0.00	Weir - 1
85.90	0.53	78.10	0.00	Weir - 1
86.00	0.81	78.10	0.00	Weir - 1
86.10	1.13	78.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.20	0.00	None Contributing
84.70	0.00	78.20	0.00	None Contributing
84.80	0.00	78.20	0.00	None Contributing
84.90	0.00	78.20	0.00	None Contributing
85.00	0.00	78.20	0.00	None Contributing
85.10	0.00	78.20	0.00	None Contributing
85.20	0.00	78.20	0.00	None Contributing
85.30	0.00	78.20	0.00	None Contributing
85.40	0.00	78.20	0.00	None Contributing
85.50	0.00	78.20	0.00	None Contributing
85.60	0.00	78.20	0.00	Weir - 1
85.70	0.10	78.20	0.00	Weir - 1
85.80	0.29	78.20	0.00	Weir - 1
85.90	0.53	78.20	0.00	Weir - 1
86.00	0.81	78.20	0.00	Weir - 1
86.10	1.13	78.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.30	0.00	None Contributing
84.70	0.00	78.30	0.00	None Contributing
84.80	0.00	78.30	0.00	None Contributing
84.90	0.00	78.30	0.00	None Contributing
85.00	0.00	78.30	0.00	None Contributing
85.10	0.00	78.30	0.00	None Contributing
85.20	0.00	78.30	0.00	None Contributing
85.30	0.00	78.30	0.00	None Contributing
85.40	0.00	78.30	0.00	None Contributing
85.50	0.00	78.30	0.00	None Contributing
85.60	0.00	78.30	0.00	Weir - 1
85.70	0.10	78.30	0.00	Weir - 1
85.80	0.29	78.30	0.00	Weir - 1
85.90	0.53	78.30	0.00	Weir - 1
86.00	0.81	78.30	0.00	Weir - 1
86.10	1.13	78.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.40	0.00	None Contributing
84.70	0.00	78.40	0.00	None Contributing
84.80	0.00	78.40	0.00	None Contributing
84.90	0.00	78.40	0.00	None Contributing
85.00	0.00	78.40	0.00	None Contributing
85.10	0.00	78.40	0.00	None Contributing
85.20	0.00	78.40	0.00	None Contributing
85.30	0.00	78.40	0.00	None Contributing
85.40	0.00	78.40	0.00	None Contributing
85.50	0.00	78.40	0.00	None Contributing
85.60	0.00	78.40	0.00	Weir - 1
85.70	0.10	78.40	0.00	Weir - 1
85.80	0.29	78.40	0.00	Weir - 1
85.90	0.53	78.40	0.00	Weir - 1
86.00	0.81	78.40	0.00	Weir - 1
86.10	1.13	78.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.50	0.00	None Contributing
84.70	0.00	78.50	0.00	None Contributing
84.80	0.00	78.50	0.00	None Contributing
84.90	0.00	78.50	0.00	None Contributing
85.00	0.00	78.50	0.00	None Contributing
85.10	0.00	78.50	0.00	None Contributing
85.20	0.00	78.50	0.00	None Contributing
85.30	0.00	78.50	0.00	None Contributing
85.40	0.00	78.50	0.00	None Contributing
85.50	0.00	78.50	0.00	None Contributing
85.60	0.00	78.50	0.00	Weir - 1
85.70	0.10	78.50	0.00	Weir - 1
85.80	0.29	78.50	0.00	Weir - 1
85.90	0.53	78.50	0.00	Weir - 1
86.00	0.81	78.50	0.00	Weir - 1
86.10	1.13	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.60	0.00	None Contributing
84.70	0.00	78.60	0.00	None Contributing
84.80	0.00	78.60	0.00	None Contributing
84.90	0.00	78.60	0.00	None Contributing
85.00	0.00	78.60	0.00	None Contributing
85.10	0.00	78.60	0.00	None Contributing
85.20	0.00	78.60	0.00	None Contributing
85.30	0.00	78.60	0.00	None Contributing
85.40	0.00	78.60	0.00	None Contributing
85.50	0.00	78.60	0.00	None Contributing
85.60	0.00	78.60	0.00	Weir - 1
85.70	0.10	78.60	0.00	Weir - 1
85.80	0.29	78.60	0.00	Weir - 1
85.90	0.53	78.60	0.00	Weir - 1
86.00	0.81	78.60	0.00	Weir - 1
86.10	1.13	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.70	0.00	None Contributing
84.70	0.00	78.70	0.00	None Contributing
84.80	0.00	78.70	0.00	None Contributing
84.90	0.00	78.70	0.00	None Contributing
85.00	0.00	78.70	0.00	None Contributing
85.10	0.00	78.70	0.00	None Contributing
85.20	0.00	78.70	0.00	None Contributing
85.30	0.00	78.70	0.00	None Contributing
85.40	0.00	78.70	0.00	None Contributing
85.50	0.00	78.70	0.00	None Contributing
85.60	0.00	78.70	0.00	Weir - 1
85.70	0.10	78.70	0.00	Weir - 1
85.80	0.29	78.70	0.00	Weir - 1
85.90	0.53	78.70	0.00	Weir - 1
86.00	0.81	78.70	0.00	Weir - 1
86.10	1.13	78.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.80	0.00	None Contributing
84.70	0.00	78.80	0.00	None Contributing
84.80	0.00	78.80	0.00	None Contributing
84.90	0.00	78.80	0.00	None Contributing
85.00	0.00	78.80	0.00	None Contributing
85.10	0.00	78.80	0.00	None Contributing
85.20	0.00	78.80	0.00	None Contributing
85.30	0.00	78.80	0.00	None Contributing
85.40	0.00	78.80	0.00	None Contributing
85.50	0.00	78.80	0.00	None Contributing
85.60	0.00	78.80	0.00	Weir - 1
85.70	0.10	78.80	0.00	Weir - 1
85.80	0.29	78.80	0.00	Weir - 1
85.90	0.53	78.80	0.00	Weir - 1
86.00	0.81	78.80	0.00	Weir - 1
86.10	1.13	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	78.90	0.00	None Contributing
84.70	0.00	78.90	0.00	None Contributing
84.80	0.00	78.90	0.00	None Contributing
84.90	0.00	78.90	0.00	None Contributing
85.00	0.00	78.90	0.00	None Contributing
85.10	0.00	78.90	0.00	None Contributing
85.20	0.00	78.90	0.00	None Contributing
85.30	0.00	78.90	0.00	None Contributing
85.40	0.00	78.90	0.00	None Contributing
85.50	0.00	78.90	0.00	None Contributing
85.60	0.00	78.90	0.00	Weir - 1
85.70	0.10	78.90	0.00	Weir - 1
85.80	0.29	78.90	0.00	Weir - 1
85.90	0.53	78.90	0.00	Weir - 1
86.00	0.81	78.90	0.00	Weir - 1
86.10	1.13	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.00	0.00	None Contributing
84.70	0.00	79.00	0.00	None Contributing
84.80	0.00	79.00	0.00	None Contributing
84.90	0.00	79.00	0.00	None Contributing
85.00	0.00	79.00	0.00	None Contributing
85.10	0.00	79.00	0.00	None Contributing
85.20	0.00	79.00	0.00	None Contributing
85.30	0.00	79.00	0.00	None Contributing
85.40	0.00	79.00	0.00	None Contributing
85.50	0.00	79.00	0.00	None Contributing
85.60	0.00	79.00	0.00	Weir - 1
85.70	0.10	79.00	0.00	Weir - 1
85.80	0.29	79.00	0.00	Weir - 1
85.90	0.53	79.00	0.00	Weir - 1
86.00	0.81	79.00	0.00	Weir - 1
86.10	1.13	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.10	0.00	None Contributing
84.70	0.00	79.10	0.00	None Contributing
84.80	0.00	79.10	0.00	None Contributing
84.90	0.00	79.10	0.00	None Contributing
85.00	0.00	79.10	0.00	None Contributing
85.10	0.00	79.10	0.00	None Contributing
85.20	0.00	79.10	0.00	None Contributing
85.30	0.00	79.10	0.00	None Contributing
85.40	0.00	79.10	0.00	None Contributing
85.50	0.00	79.10	0.00	None Contributing
85.60	0.00	79.10	0.00	Weir - 1
85.70	0.10	79.10	0.00	Weir - 1
85.80	0.29	79.10	0.00	Weir - 1
85.90	0.53	79.10	0.00	Weir - 1
86.00	0.81	79.10	0.00	Weir - 1
86.10	1.13	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.20	0.00	None Contributing
84.70	0.00	79.20	0.00	None Contributing
84.80	0.00	79.20	0.00	None Contributing
84.90	0.00	79.20	0.00	None Contributing
85.00	0.00	79.20	0.00	None Contributing
85.10	0.00	79.20	0.00	None Contributing
85.20	0.00	79.20	0.00	None Contributing
85.30	0.00	79.20	0.00	None Contributing
85.40	0.00	79.20	0.00	None Contributing
85.50	0.00	79.20	0.00	None Contributing
85.60	0.00	79.20	0.00	Weir - 1
85.70	0.10	79.20	0.00	Weir - 1
85.80	0.29	79.20	0.00	Weir - 1
85.90	0.53	79.20	0.00	Weir - 1
86.00	0.81	79.20	0.00	Weir - 1
86.10	1.13	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.30	0.00	None Contributing
84.70	0.00	79.30	0.00	None Contributing
84.80	0.00	79.30	0.00	None Contributing
84.90	0.00	79.30	0.00	None Contributing
85.00	0.00	79.30	0.00	None Contributing
85.10	0.00	79.30	0.00	None Contributing
85.20	0.00	79.30	0.00	None Contributing
85.30	0.00	79.30	0.00	None Contributing
85.40	0.00	79.30	0.00	None Contributing
85.50	0.00	79.30	0.00	None Contributing
85.60	0.00	79.30	0.00	Weir - 1
85.70	0.10	79.30	0.00	Weir - 1
85.80	0.29	79.30	0.00	Weir - 1
85.90	0.53	79.30	0.00	Weir - 1
86.00	0.81	79.30	0.00	Weir - 1
86.10	1.13	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.40	0.00	None Contributing
84.70	0.00	79.40	0.00	None Contributing
84.80	0.00	79.40	0.00	None Contributing
84.90	0.00	79.40	0.00	None Contributing
85.00	0.00	79.40	0.00	None Contributing
85.10	0.00	79.40	0.00	None Contributing
85.20	0.00	79.40	0.00	None Contributing
85.30	0.00	79.40	0.00	None Contributing
85.40	0.00	79.40	0.00	None Contributing
85.50	0.00	79.40	0.00	None Contributing
85.60	0.00	79.40	0.00	Weir - 1
85.70	0.10	79.40	0.00	Weir - 1
85.80	0.29	79.40	0.00	Weir - 1
85.90	0.53	79.40	0.00	Weir - 1
86.00	0.81	79.40	0.00	Weir - 1
86.10	1.13	79.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.50	0.00	None Contributing
84.70	0.00	79.50	0.00	None Contributing
84.80	0.00	79.50	0.00	None Contributing
84.90	0.00	79.50	0.00	None Contributing
85.00	0.00	79.50	0.00	None Contributing
85.10	0.00	79.50	0.00	None Contributing
85.20	0.00	79.50	0.00	None Contributing
85.30	0.00	79.50	0.00	None Contributing
85.40	0.00	79.50	0.00	None Contributing
85.50	0.00	79.50	0.00	None Contributing
85.60	0.00	79.50	0.00	Weir - 1
85.70	0.10	79.50	0.00	Weir - 1
85.80	0.29	79.50	0.00	Weir - 1
85.90	0.53	79.50	0.00	Weir - 1
86.00	0.81	79.50	0.00	Weir - 1
86.10	1.13	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.60	0.00	None Contributing
84.70	0.00	79.60	0.00	None Contributing
84.80	0.00	79.60	0.00	None Contributing
84.90	0.00	79.60	0.00	None Contributing
85.00	0.00	79.60	0.00	None Contributing
85.10	0.00	79.60	0.00	None Contributing
85.20	0.00	79.60	0.00	None Contributing
85.30	0.00	79.60	0.00	None Contributing
85.40	0.00	79.60	0.00	None Contributing
85.50	0.00	79.60	0.00	None Contributing
85.60	0.00	79.60	0.00	Weir - 1
85.70	0.10	79.60	0.00	Weir - 1
85.80	0.29	79.60	0.00	Weir - 1
85.90	0.53	79.60	0.00	Weir - 1
86.00	0.81	79.60	0.00	Weir - 1
86.10	1.13	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.70	0.00	None Contributing
84.70	0.00	79.70	0.00	None Contributing
84.80	0.00	79.70	0.00	None Contributing
84.90	0.00	79.70	0.00	None Contributing
85.00	0.00	79.70	0.00	None Contributing
85.10	0.00	79.70	0.00	None Contributing
85.20	0.00	79.70	0.00	None Contributing
85.30	0.00	79.70	0.00	None Contributing
85.40	0.00	79.70	0.00	None Contributing
85.50	0.00	79.70	0.00	None Contributing
85.60	0.00	79.70	0.00	Weir - 1
85.70	0.10	79.70	0.00	Weir - 1
85.80	0.29	79.70	0.00	Weir - 1
85.90	0.53	79.70	0.00	Weir - 1
86.00	0.81	79.70	0.00	Weir - 1
86.10	1.13	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.80	0.00	None Contributing
84.70	0.00	79.80	0.00	None Contributing
84.80	0.00	79.80	0.00	None Contributing
84.90	0.00	79.80	0.00	None Contributing
85.00	0.00	79.80	0.00	None Contributing
85.10	0.00	79.80	0.00	None Contributing
85.20	0.00	79.80	0.00	None Contributing
85.30	0.00	79.80	0.00	None Contributing
85.40	0.00	79.80	0.00	None Contributing
85.50	0.00	79.80	0.00	None Contributing
85.60	0.00	79.80	0.00	Weir - 1
85.70	0.10	79.80	0.00	Weir - 1
85.80	0.29	79.80	0.00	Weir - 1
85.90	0.53	79.80	0.00	Weir - 1
86.00	0.81	79.80	0.00	Weir - 1
86.10	1.13	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	79.90	0.00	None Contributing
84.70	0.00	79.90	0.00	None Contributing
84.80	0.00	79.90	0.00	None Contributing
84.90	0.00	79.90	0.00	None Contributing
85.00	0.00	79.90	0.00	None Contributing
85.10	0.00	79.90	0.00	None Contributing
85.20	0.00	79.90	0.00	None Contributing
85.30	0.00	79.90	0.00	None Contributing
85.40	0.00	79.90	0.00	None Contributing
85.50	0.00	79.90	0.00	None Contributing
85.60	0.00	79.90	0.00	Weir - 1
85.70	0.10	79.90	0.00	Weir - 1
85.80	0.29	79.90	0.00	Weir - 1
85.90	0.53	79.90	0.00	Weir - 1
86.00	0.81	79.90	0.00	Weir - 1
86.10	1.13	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.00	0.00	None Contributing
84.70	0.00	80.00	0.00	None Contributing
84.80	0.00	80.00	0.00	None Contributing
84.90	0.00	80.00	0.00	None Contributing
85.00	0.00	80.00	0.00	None Contributing
85.10	0.00	80.00	0.00	None Contributing
85.20	0.00	80.00	0.00	None Contributing
85.30	0.00	80.00	0.00	None Contributing
85.40	0.00	80.00	0.00	None Contributing
85.50	0.00	80.00	0.00	None Contributing
85.60	0.00	80.00	0.00	Weir - 1
85.70	0.10	80.00	0.00	Weir - 1
85.80	0.29	80.00	0.00	Weir - 1
85.90	0.53	80.00	0.00	Weir - 1
86.00	0.81	80.00	0.00	Weir - 1
86.10	1.13	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.10	0.00	None Contributing
84.70	0.00	80.10	0.00	None Contributing
84.80	0.00	80.10	0.00	None Contributing
84.90	0.00	80.10	0.00	None Contributing
85.00	0.00	80.10	0.00	None Contributing
85.10	0.00	80.10	0.00	None Contributing
85.20	0.00	80.10	0.00	None Contributing
85.30	0.00	80.10	0.00	None Contributing
85.40	0.00	80.10	0.00	None Contributing
85.50	0.00	80.10	0.00	None Contributing
85.60	0.00	80.10	0.00	Weir - 1
85.70	0.10	80.10	0.00	Weir - 1
85.80	0.29	80.10	0.00	Weir - 1
85.90	0.53	80.10	0.00	Weir - 1
86.00	0.81	80.10	0.00	Weir - 1
86.10	1.13	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.20	0.00	None Contributing
84.70	0.00	80.20	0.00	None Contributing
84.80	0.00	80.20	0.00	None Contributing
84.90	0.00	80.20	0.00	None Contributing
85.00	0.00	80.20	0.00	None Contributing
85.10	0.00	80.20	0.00	None Contributing
85.20	0.00	80.20	0.00	None Contributing
85.30	0.00	80.20	0.00	None Contributing
85.40	0.00	80.20	0.00	None Contributing
85.50	0.00	80.20	0.00	None Contributing
85.60	0.00	80.20	0.00	Weir - 1
85.70	0.10	80.20	0.00	Weir - 1
85.80	0.29	80.20	0.00	Weir - 1
85.90	0.53	80.20	0.00	Weir - 1
86.00	0.81	80.20	0.00	Weir - 1
86.10	1.13	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.30	0.00	None Contributing
84.70	0.00	80.30	0.00	None Contributing
84.80	0.00	80.30	0.00	None Contributing
84.90	0.00	80.30	0.00	None Contributing
85.00	0.00	80.30	0.00	None Contributing
85.10	0.00	80.30	0.00	None Contributing
85.20	0.00	80.30	0.00	None Contributing
85.30	0.00	80.30	0.00	None Contributing
85.40	0.00	80.30	0.00	None Contributing
85.50	0.00	80.30	0.00	None Contributing
85.60	0.00	80.30	0.00	Weir - 1
85.70	0.10	80.30	0.00	Weir - 1
85.80	0.29	80.30	0.00	Weir - 1
85.90	0.53	80.30	0.00	Weir - 1
86.00	0.81	80.30	0.00	Weir - 1
86.10	1.13	80.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 3
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.40	0.00	None Contributing
84.70	0.00	80.40	0.00	None Contributing
84.80	0.00	80.40	0.00	None Contributing
84.90	0.00	80.40	0.00	None Contributing
85.00	0.00	80.40	0.00	None Contributing
85.10	0.00	80.40	0.00	None Contributing
85.20	0.00	80.40	0.00	None Contributing
85.30	0.00	80.40	0.00	None Contributing
85.40	0.00	80.40	0.00	None Contributing
85.50	0.00	80.40	0.00	None Contributing
85.60	0.00	80.40	0.00	Weir - 1
85.70	0.10	80.40	0.00	Weir - 1
85.80	0.29	80.40	0.00	Weir - 1
85.90	0.53	80.40	0.00	Weir - 1
86.00	0.81	80.40	0.00	Weir - 1
86.10	1.13	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
84.60	0.00	80.50	0.00	None Contributing
84.70	0.00	80.50	0.00	None Contributing
84.80	0.00	80.50	0.00	None Contributing
84.90	0.00	80.50	0.00	None Contributing
85.00	0.00	80.50	0.00	None Contributing
85.10	0.00	80.50	0.00	None Contributing
85.20	0.00	80.50	0.00	None Contributing
85.30	0.00	80.50	0.00	None Contributing
85.40	0.00	80.50	0.00	None Contributing
85.50	0.00	80.50	0.00	None Contributing
85.60	0.00	80.50	0.00	Weir - 1
85.70	0.10	80.50	0.00	Weir - 1
85.80	0.29	80.50	0.00	Weir - 1
85.90	0.53	80.50	0.00	Weir - 1
86.00	0.81	80.50	0.00	Weir - 1
86.10	1.13	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.50	0.00	None Contributing
80.80	0.00	78.50	0.00	None Contributing
80.86	0.00	78.50	0.00	None Contributing
80.90	0.00	78.50	0.00	Orifice - 1
81.00	0.03	78.50	0.00	Orifice - 1
81.10	0.06	78.50	0.00	Orifice - 1
81.20	0.08	78.50	0.00	Orifice - 1
81.30	0.10	78.50	0.00	Orifice - 1
81.40	0.11	78.50	0.00	Orifice - 1
81.50	0.12	78.50	0.00	Orifice - 1
81.60	0.13	78.50	0.00	Orifice - 1
81.70	0.14	78.50	0.00	Orifice - 1
81.80	0.15	78.50	0.00	Orifice - 1
81.90	0.16	78.50	0.00	Orifice - 1
82.00	0.17	78.50	0.00	Orifice - 1
82.10	0.17	78.50	0.00	Orifice - 1
82.20	0.18	78.50	0.00	Orifice - 1
82.30	0.19	78.50	0.00	Orifice - 1
82.40	0.20	78.50	0.00	Orifice - 1
82.50	0.20	78.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.60	0.00	None Contributing
80.80	0.00	78.60	0.00	None Contributing
80.86	0.00	78.60	0.00	None Contributing
80.90	0.00	78.60	0.00	Orifice - 1
81.00	0.03	78.60	0.00	Orifice - 1
81.10	0.06	78.60	0.00	Orifice - 1
81.20	0.08	78.60	0.00	Orifice - 1
81.30	0.10	78.60	0.00	Orifice - 1
81.40	0.11	78.60	0.00	Orifice - 1
81.50	0.12	78.60	0.00	Orifice - 1
81.60	0.13	78.60	0.00	Orifice - 1
81.70	0.14	78.60	0.00	Orifice - 1
81.80	0.15	78.60	0.00	Orifice - 1
81.90	0.16	78.60	0.00	Orifice - 1
82.00	0.17	78.60	0.00	Orifice - 1
82.10	0.17	78.60	0.00	Orifice - 1
82.20	0.18	78.60	0.00	Orifice - 1
82.30	0.19	78.60	0.00	Orifice - 1
82.40	0.20	78.60	0.00	Orifice - 1
82.50	0.20	78.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.70	0.00	None Contributing
80.80	0.00	78.70	0.00	None Contributing
80.86	0.00	78.70	0.00	None Contributing
80.90	0.00	78.70	0.00	Orifice - 1
81.00	0.03	78.70	0.00	Orifice - 1
81.10	0.06	78.70	0.00	Orifice - 1
81.20	0.08	78.70	0.00	Orifice - 1
81.30	0.10	78.70	0.00	Orifice - 1
81.40	0.11	78.70	0.00	Orifice - 1
81.50	0.12	78.70	0.00	Orifice - 1
81.60	0.13	78.70	0.00	Orifice - 1
81.70	0.14	78.70	0.00	Orifice - 1
81.80	0.15	78.70	0.00	Orifice - 1
81.90	0.16	78.70	0.00	Orifice - 1
82.00	0.17	78.70	0.00	Orifice - 1
82.10	0.17	78.70	0.00	Orifice - 1
82.20	0.18	78.70	0.00	Orifice - 1
82.30	0.19	78.70	0.00	Orifice - 1
82.40	0.20	78.70	0.00	Orifice - 1
82.50	0.20	78.70	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.80	0.00	None Contributing
80.80	0.00	78.80	0.00	None Contributing
80.86	0.00	78.80	0.00	None Contributing
80.90	0.00	78.80	0.00	Orifice - 1
81.00	0.03	78.80	0.00	Orifice - 1
81.10	0.06	78.80	0.00	Orifice - 1
81.20	0.08	78.80	0.00	Orifice - 1
81.30	0.10	78.80	0.00	Orifice - 1
81.40	0.11	78.80	0.00	Orifice - 1
81.50	0.12	78.80	0.00	Orifice - 1
81.60	0.13	78.80	0.00	Orifice - 1
81.70	0.14	78.80	0.00	Orifice - 1
81.80	0.15	78.80	0.00	Orifice - 1
81.90	0.16	78.80	0.00	Orifice - 1
82.00	0.17	78.80	0.00	Orifice - 1
82.10	0.17	78.80	0.00	Orifice - 1
82.20	0.18	78.80	0.00	Orifice - 1
82.30	0.19	78.80	0.00	Orifice - 1
82.40	0.20	78.80	0.00	Orifice - 1
82.50	0.20	78.80	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	78.90	0.00	None Contributing
80.80	0.00	78.90	0.00	None Contributing
80.86	0.00	78.90	0.00	None Contributing
80.90	0.00	78.90	0.00	Orifice - 1
81.00	0.03	78.90	0.00	Orifice - 1
81.10	0.06	78.90	0.00	Orifice - 1
81.20	0.08	78.90	0.00	Orifice - 1
81.30	0.10	78.90	0.00	Orifice - 1
81.40	0.11	78.90	0.00	Orifice - 1
81.50	0.12	78.90	0.00	Orifice - 1
81.60	0.13	78.90	0.00	Orifice - 1
81.70	0.14	78.90	0.00	Orifice - 1
81.80	0.15	78.90	0.00	Orifice - 1
81.90	0.16	78.90	0.00	Orifice - 1
82.00	0.17	78.90	0.00	Orifice - 1
82.10	0.17	78.90	0.00	Orifice - 1
82.20	0.18	78.90	0.00	Orifice - 1
82.30	0.19	78.90	0.00	Orifice - 1
82.40	0.20	78.90	0.00	Orifice - 1
82.50	0.20	78.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.00	0.00	None Contributing
80.80	0.00	79.00	0.00	None Contributing
80.86	0.00	79.00	0.00	None Contributing
80.90	0.00	79.00	0.00	Orifice - 1
81.00	0.03	79.00	0.00	Orifice - 1
81.10	0.06	79.00	0.00	Orifice - 1
81.20	0.08	79.00	0.00	Orifice - 1
81.30	0.10	79.00	0.00	Orifice - 1
81.40	0.11	79.00	0.00	Orifice - 1
81.50	0.12	79.00	0.00	Orifice - 1
81.60	0.13	79.00	0.00	Orifice - 1
81.70	0.14	79.00	0.00	Orifice - 1
81.80	0.15	79.00	0.00	Orifice - 1
81.90	0.16	79.00	0.00	Orifice - 1
82.00	0.17	79.00	0.00	Orifice - 1
82.10	0.17	79.00	0.00	Orifice - 1
82.20	0.18	79.00	0.00	Orifice - 1
82.30	0.19	79.00	0.00	Orifice - 1
82.40	0.20	79.00	0.00	Orifice - 1
82.50	0.20	79.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.10	0.00	None Contributing
80.80	0.00	79.10	0.00	None Contributing
80.86	0.00	79.10	0.00	None Contributing
80.90	0.00	79.10	0.00	Orifice - 1
81.00	0.03	79.10	0.00	Orifice - 1
81.10	0.06	79.10	0.00	Orifice - 1
81.20	0.08	79.10	0.00	Orifice - 1
81.30	0.10	79.10	0.00	Orifice - 1
81.40	0.11	79.10	0.00	Orifice - 1
81.50	0.12	79.10	0.00	Orifice - 1
81.60	0.13	79.10	0.00	Orifice - 1
81.70	0.14	79.10	0.00	Orifice - 1
81.80	0.15	79.10	0.00	Orifice - 1
81.90	0.16	79.10	0.00	Orifice - 1
82.00	0.17	79.10	0.00	Orifice - 1
82.10	0.17	79.10	0.00	Orifice - 1
82.20	0.18	79.10	0.00	Orifice - 1
82.30	0.19	79.10	0.00	Orifice - 1
82.40	0.20	79.10	0.00	Orifice - 1
82.50	0.20	79.10	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.20	0.00	None Contributing
80.80	0.00	79.20	0.00	None Contributing
80.86	0.00	79.20	0.00	None Contributing
80.90	0.00	79.20	0.00	Orifice - 1
81.00	0.03	79.20	0.00	Orifice - 1
81.10	0.06	79.20	0.00	Orifice - 1
81.20	0.08	79.20	0.00	Orifice - 1
81.30	0.10	79.20	0.00	Orifice - 1
81.40	0.11	79.20	0.00	Orifice - 1
81.50	0.12	79.20	0.00	Orifice - 1
81.60	0.13	79.20	0.00	Orifice - 1
81.70	0.14	79.20	0.00	Orifice - 1
81.80	0.15	79.20	0.00	Orifice - 1
81.90	0.16	79.20	0.00	Orifice - 1
82.00	0.17	79.20	0.00	Orifice - 1
82.10	0.17	79.20	0.00	Orifice - 1
82.20	0.18	79.20	0.00	Orifice - 1
82.30	0.19	79.20	0.00	Orifice - 1
82.40	0.20	79.20	0.00	Orifice - 1
82.50	0.20	79.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.30	0.00	None Contributing
80.80	0.00	79.30	0.00	None Contributing
80.86	0.00	79.30	0.00	None Contributing
80.90	0.00	79.30	0.00	Orifice - 1
81.00	0.03	79.30	0.00	Orifice - 1
81.10	0.06	79.30	0.00	Orifice - 1
81.20	0.08	79.30	0.00	Orifice - 1
81.30	0.10	79.30	0.00	Orifice - 1
81.40	0.11	79.30	0.00	Orifice - 1
81.50	0.12	79.30	0.00	Orifice - 1
81.60	0.13	79.30	0.00	Orifice - 1
81.70	0.14	79.30	0.00	Orifice - 1
81.80	0.15	79.30	0.00	Orifice - 1
81.90	0.16	79.30	0.00	Orifice - 1
82.00	0.17	79.30	0.00	Orifice - 1
82.10	0.17	79.30	0.00	Orifice - 1
82.20	0.18	79.30	0.00	Orifice - 1
82.30	0.19	79.30	0.00	Orifice - 1
82.40	0.20	79.30	0.00	Orifice - 1
82.50	0.20	79.30	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.40	0.00	None Contributing
80.80	0.00	79.40	0.00	None Contributing
80.86	0.00	79.40	0.00	None Contributing
80.90	0.00	79.40	0.00	Orifice - 1
81.00	0.03	79.40	0.00	Orifice - 1
81.10	0.06	79.40	0.00	Orifice - 1
81.20	0.08	79.40	0.00	Orifice - 1
81.30	0.10	79.40	0.00	Orifice - 1
81.40	0.11	79.40	0.00	Orifice - 1
81.50	0.12	79.40	0.00	Orifice - 1
81.60	0.13	79.40	0.00	Orifice - 1
81.70	0.14	79.40	0.00	Orifice - 1
81.80	0.15	79.40	0.00	Orifice - 1
81.90	0.16	79.40	0.00	Orifice - 1
82.00	0.17	79.40	0.00	Orifice - 1
82.10	0.17	79.40	0.00	Orifice - 1
82.20	0.18	79.40	0.00	Orifice - 1
82.30	0.19	79.40	0.00	Orifice - 1
82.40	0.20	79.40	0.00	Orifice - 1
82.50	0.20	79.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.50	0.00	None Contributing
80.80	0.00	79.50	0.00	None Contributing
80.86	0.00	79.50	0.00	None Contributing
80.90	0.00	79.50	0.00	Orifice - 1
81.00	0.03	79.50	0.00	Orifice - 1
81.10	0.06	79.50	0.00	Orifice - 1
81.20	0.08	79.50	0.00	Orifice - 1
81.30	0.10	79.50	0.00	Orifice - 1
81.40	0.11	79.50	0.00	Orifice - 1
81.50	0.12	79.50	0.00	Orifice - 1
81.60	0.13	79.50	0.00	Orifice - 1
81.70	0.14	79.50	0.00	Orifice - 1
81.80	0.15	79.50	0.00	Orifice - 1
81.90	0.16	79.50	0.00	Orifice - 1
82.00	0.17	79.50	0.00	Orifice - 1
82.10	0.17	79.50	0.00	Orifice - 1
82.20	0.18	79.50	0.00	Orifice - 1
82.30	0.19	79.50	0.00	Orifice - 1
82.40	0.20	79.50	0.00	Orifice - 1
82.50	0.20	79.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.60	0.00	None Contributing
80.80	0.00	79.60	0.00	None Contributing
80.86	0.00	79.60	0.00	None Contributing
80.90	0.00	79.60	0.00	Orifice - 1
81.00	0.03	79.60	0.00	Orifice - 1
81.10	0.06	79.60	0.00	Orifice - 1
81.20	0.08	79.60	0.00	Orifice - 1
81.30	0.10	79.60	0.00	Orifice - 1
81.40	0.11	79.60	0.00	Orifice - 1
81.50	0.12	79.60	0.00	Orifice - 1
81.60	0.13	79.60	0.00	Orifice - 1
81.70	0.14	79.60	0.00	Orifice - 1
81.80	0.15	79.60	0.00	Orifice - 1
81.90	0.16	79.60	0.00	Orifice - 1
82.00	0.17	79.60	0.00	Orifice - 1
82.10	0.17	79.60	0.00	Orifice - 1
82.20	0.18	79.60	0.00	Orifice - 1
82.30	0.19	79.60	0.00	Orifice - 1
82.40	0.20	79.60	0.00	Orifice - 1
82.50	0.20	79.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.70	0.00	None Contributing
80.80	0.00	79.70	0.00	None Contributing
80.86	0.00	79.70	0.00	None Contributing
80.90	0.00	79.70	0.00	Orifice - 1
81.00	0.03	79.70	0.00	Orifice - 1
81.10	0.06	79.70	0.00	Orifice - 1
81.20	0.08	79.70	0.00	Orifice - 1
81.30	0.10	79.70	0.00	Orifice - 1
81.40	0.11	79.70	0.00	Orifice - 1
81.50	0.12	79.70	0.00	Orifice - 1
81.60	0.13	79.70	0.00	Orifice - 1
81.70	0.14	79.70	0.00	Orifice - 1
81.80	0.15	79.70	0.00	Orifice - 1
81.90	0.16	79.70	0.00	Orifice - 1
82.00	0.17	79.70	0.00	Orifice - 1
82.10	0.17	79.70	0.00	Orifice - 1
82.20	0.18	79.70	0.00	Orifice - 1
82.30	0.19	79.70	0.00	Orifice - 1
82.40	0.20	79.70	0.00	Orifice - 1
82.50	0.20	79.70	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.80	0.00	None Contributing
80.80	0.00	79.80	0.00	None Contributing
80.86	0.00	79.80	0.00	None Contributing
80.90	0.00	79.80	0.00	Orifice - 1
81.00	0.03	79.80	0.00	Orifice - 1
81.10	0.06	79.80	0.00	Orifice - 1
81.20	0.08	79.80	0.00	Orifice - 1
81.30	0.10	79.80	0.00	Orifice - 1
81.40	0.11	79.80	0.00	Orifice - 1
81.50	0.12	79.80	0.00	Orifice - 1
81.60	0.13	79.80	0.00	Orifice - 1
81.70	0.14	79.80	0.00	Orifice - 1
81.80	0.15	79.80	0.00	Orifice - 1
81.90	0.16	79.80	0.00	Orifice - 1
82.00	0.17	79.80	0.00	Orifice - 1
82.10	0.17	79.80	0.00	Orifice - 1
82.20	0.18	79.80	0.00	Orifice - 1
82.30	0.19	79.80	0.00	Orifice - 1
82.40	0.20	79.80	0.00	Orifice - 1
82.50	0.20	79.80	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	79.90	0.00	None Contributing
80.80	0.00	79.90	0.00	None Contributing
80.86	0.00	79.90	0.00	None Contributing
80.90	0.00	79.90	0.00	Orifice - 1
81.00	0.03	79.90	0.00	Orifice - 1
81.10	0.06	79.90	0.00	Orifice - 1
81.20	0.08	79.90	0.00	Orifice - 1
81.30	0.10	79.90	0.00	Orifice - 1
81.40	0.11	79.90	0.00	Orifice - 1
81.50	0.12	79.90	0.00	Orifice - 1
81.60	0.13	79.90	0.00	Orifice - 1
81.70	0.14	79.90	0.00	Orifice - 1
81.80	0.15	79.90	0.00	Orifice - 1
81.90	0.16	79.90	0.00	Orifice - 1
82.00	0.17	79.90	0.00	Orifice - 1
82.10	0.17	79.90	0.00	Orifice - 1
82.20	0.18	79.90	0.00	Orifice - 1
82.30	0.19	79.90	0.00	Orifice - 1
82.40	0.20	79.90	0.00	Orifice - 1
82.50	0.20	79.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.00	0.00	None Contributing
80.80	0.00	80.00	0.00	None Contributing
80.86	0.00	80.00	0.00	None Contributing
80.90	0.00	80.00	0.00	Orifice - 1
81.00	0.03	80.00	0.00	Orifice - 1
81.10	0.06	80.00	0.00	Orifice - 1
81.20	0.08	80.00	0.00	Orifice - 1
81.30	0.10	80.00	0.00	Orifice - 1
81.40	0.11	80.00	0.00	Orifice - 1
81.50	0.12	80.00	0.00	Orifice - 1
81.60	0.13	80.00	0.00	Orifice - 1
81.70	0.14	80.00	0.00	Orifice - 1
81.80	0.15	80.00	0.00	Orifice - 1
81.90	0.16	80.00	0.00	Orifice - 1
82.00	0.17	80.00	0.00	Orifice - 1
82.10	0.17	80.00	0.00	Orifice - 1
82.20	0.18	80.00	0.00	Orifice - 1
82.30	0.19	80.00	0.00	Orifice - 1
82.40	0.20	80.00	0.00	Orifice - 1
82.50	0.20	80.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.10	0.00	None Contributing
80.80	0.00	80.10	0.00	None Contributing
80.86	0.00	80.10	0.00	None Contributing
80.90	0.00	80.10	0.00	Orifice - 1
81.00	0.03	80.10	0.00	Orifice - 1
81.10	0.06	80.10	0.00	Orifice - 1
81.20	0.08	80.10	0.00	Orifice - 1
81.30	0.10	80.10	0.00	Orifice - 1
81.40	0.11	80.10	0.00	Orifice - 1
81.50	0.12	80.10	0.00	Orifice - 1
81.60	0.13	80.10	0.00	Orifice - 1
81.70	0.14	80.10	0.00	Orifice - 1
81.80	0.15	80.10	0.00	Orifice - 1
81.90	0.16	80.10	0.00	Orifice - 1
82.00	0.17	80.10	0.00	Orifice - 1
82.10	0.17	80.10	0.00	Orifice - 1
82.20	0.18	80.10	0.00	Orifice - 1
82.30	0.19	80.10	0.00	Orifice - 1
82.40	0.20	80.10	0.00	Orifice - 1
82.50	0.20	80.10	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.20	0.00	None Contributing
80.80	0.00	80.20	0.00	None Contributing
80.86	0.00	80.20	0.00	None Contributing
80.90	0.00	80.20	0.00	Orifice - 1
81.00	0.03	80.20	0.00	Orifice - 1
81.10	0.06	80.20	0.00	Orifice - 1
81.20	0.08	80.20	0.00	Orifice - 1
81.30	0.10	80.20	0.00	Orifice - 1
81.40	0.11	80.20	0.00	Orifice - 1
81.50	0.12	80.20	0.00	Orifice - 1
81.60	0.13	80.20	0.00	Orifice - 1
81.70	0.14	80.20	0.00	Orifice - 1
81.80	0.15	80.20	0.00	Orifice - 1
81.90	0.16	80.20	0.00	Orifice - 1
82.00	0.17	80.20	0.00	Orifice - 1
82.10	0.17	80.20	0.00	Orifice - 1
82.20	0.18	80.20	0.00	Orifice - 1
82.30	0.19	80.20	0.00	Orifice - 1
82.40	0.20	80.20	0.00	Orifice - 1
82.50	0.20	80.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.30	0.00	None Contributing
80.80	0.00	80.30	0.00	None Contributing
80.86	0.00	80.30	0.00	None Contributing
80.90	0.00	80.30	0.00	Orifice - 1
81.00	0.03	80.30	0.00	Orifice - 1
81.10	0.06	80.30	0.00	Orifice - 1
81.20	0.08	80.30	0.00	Orifice - 1
81.30	0.10	80.30	0.00	Orifice - 1
81.40	0.11	80.30	0.00	Orifice - 1
81.50	0.12	80.30	0.00	Orifice - 1
81.60	0.13	80.30	0.00	Orifice - 1
81.70	0.14	80.30	0.00	Orifice - 1
81.80	0.15	80.30	0.00	Orifice - 1
81.90	0.16	80.30	0.00	Orifice - 1
82.00	0.17	80.30	0.00	Orifice - 1
82.10	0.17	80.30	0.00	Orifice - 1
82.20	0.18	80.30	0.00	Orifice - 1
82.30	0.19	80.30	0.00	Orifice - 1
82.40	0.20	80.30	0.00	Orifice - 1
82.50	0.20	80.30	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.40	0.00	None Contributing
80.80	0.00	80.40	0.00	None Contributing
80.86	0.00	80.40	0.00	None Contributing
80.90	0.00	80.40	0.00	Orifice - 1
81.00	0.03	80.40	0.00	Orifice - 1
81.10	0.06	80.40	0.00	Orifice - 1
81.20	0.08	80.40	0.00	Orifice - 1
81.30	0.10	80.40	0.00	Orifice - 1
81.40	0.11	80.40	0.00	Orifice - 1
81.50	0.12	80.40	0.00	Orifice - 1
81.60	0.13	80.40	0.00	Orifice - 1
81.70	0.14	80.40	0.00	Orifice - 1
81.80	0.15	80.40	0.00	Orifice - 1
81.90	0.16	80.40	0.00	Orifice - 1
82.00	0.17	80.40	0.00	Orifice - 1
82.10	0.17	80.40	0.00	Orifice - 1
82.20	0.18	80.40	0.00	Orifice - 1
82.30	0.19	80.40	0.00	Orifice - 1
82.40	0.20	80.40	0.00	Orifice - 1
82.50	0.20	80.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.50	0.00	None Contributing
80.80	0.00	80.50	0.00	None Contributing
80.86	0.00	80.50	0.00	None Contributing
80.90	0.00	80.50	0.00	Orifice - 1
81.00	0.03	80.50	0.00	Orifice - 1
81.10	0.06	80.50	0.00	Orifice - 1
81.20	0.08	80.50	0.00	Orifice - 1
81.30	0.10	80.50	0.00	Orifice - 1
81.40	0.11	80.50	0.00	Orifice - 1
81.50	0.12	80.50	0.00	Orifice - 1
81.60	0.13	80.50	0.00	Orifice - 1
81.70	0.14	80.50	0.00	Orifice - 1
81.80	0.15	80.50	0.00	Orifice - 1
81.90	0.16	80.50	0.00	Orifice - 1
82.00	0.17	80.50	0.00	Orifice - 1
82.10	0.17	80.50	0.00	Orifice - 1
82.20	0.18	80.50	0.00	Orifice - 1
82.30	0.19	80.50	0.00	Orifice - 1
82.40	0.20	80.50	0.00	Orifice - 1
82.50	0.20	80.50	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.60	0.00	None Contributing
80.80	0.00	80.60	0.00	None Contributing
80.86	0.00	80.60	0.00	None Contributing
80.90	0.00	80.60	0.00	Orifice - 1
81.00	0.03	80.60	0.00	Orifice - 1
81.10	0.06	80.60	0.00	Orifice - 1
81.20	0.08	80.60	0.00	Orifice - 1
81.30	0.10	80.60	0.00	Orifice - 1
81.40	0.11	80.60	0.00	Orifice - 1
81.50	0.12	80.60	0.00	Orifice - 1
81.60	0.13	80.60	0.00	Orifice - 1
81.70	0.14	80.60	0.00	Orifice - 1
81.80	0.15	80.60	0.00	Orifice - 1
81.90	0.16	80.60	0.00	Orifice - 1
82.00	0.17	80.60	0.00	Orifice - 1
82.10	0.17	80.60	0.00	Orifice - 1
82.20	0.18	80.60	0.00	Orifice - 1
82.30	0.19	80.60	0.00	Orifice - 1
82.40	0.20	80.60	0.00	Orifice - 1
82.50	0.20	80.60	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.70	0.00	None Contributing
80.80	0.00	80.70	0.00	None Contributing
80.86	0.00	80.70	0.00	None Contributing
80.90	0.00	80.70	0.00	Orifice - 1
81.00	0.03	80.70	0.00	Orifice - 1
81.10	0.06	80.70	0.00	Orifice - 1
81.20	0.08	80.70	0.00	Orifice - 1
81.30	0.10	80.70	0.00	Orifice - 1
81.40	0.11	80.70	0.00	Orifice - 1
81.50	0.12	80.70	0.00	Orifice - 1
81.60	0.13	80.70	0.00	Orifice - 1
81.70	0.14	80.70	0.00	Orifice - 1
81.80	0.15	80.70	0.00	Orifice - 1
81.90	0.16	80.70	0.00	Orifice - 1
82.00	0.17	80.70	0.00	Orifice - 1
82.10	0.17	80.70	0.00	Orifice - 1
82.20	0.18	80.70	0.00	Orifice - 1
82.30	0.19	80.70	0.00	Orifice - 1
82.40	0.20	80.70	0.00	Orifice - 1
82.50	0.20	80.70	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 4
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.80	0.00	Orifice - 1
80.80	0.00	80.80	0.00	None Contributing
80.86	0.00	80.80	0.00	None Contributing
80.90	0.00	80.80	0.00	Orifice - 1
81.00	0.03	80.80	0.00	Orifice - 1
81.10	0.06	80.80	0.00	Orifice - 1
81.20	0.08	80.80	0.00	Orifice - 1
81.30	0.10	80.80	0.00	Orifice - 1
81.40	0.11	80.80	0.00	Orifice - 1
81.50	0.12	80.80	0.00	Orifice - 1
81.60	0.13	80.80	0.00	Orifice - 1
81.70	0.14	80.80	0.00	Orifice - 1
81.80	0.15	80.80	0.00	Orifice - 1
81.90	0.16	80.80	0.00	Orifice - 1
82.00	0.17	80.80	0.00	Orifice - 1
82.10	0.17	80.80	0.00	Orifice - 1
82.20	0.18	80.80	0.00	Orifice - 1
82.30	0.19	80.80	0.00	Orifice - 1
82.40	0.20	80.80	0.00	Orifice - 1
82.50	0.20	80.80	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 4
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.86	0.00	Orifice - 1
80.80	0.00	80.86	0.00	Orifice - 1
80.86	0.00	80.86	0.00	None Contributing
80.90	0.00	80.86	0.00	Orifice - 1
81.00	0.03	80.86	0.00	Orifice - 1
81.10	0.06	80.86	0.00	Orifice - 1
81.20	0.08	80.86	0.00	Orifice - 1
81.30	0.10	80.86	0.00	Orifice - 1
81.40	0.11	80.86	0.00	Orifice - 1
81.50	0.12	80.86	0.00	Orifice - 1
81.60	0.13	80.86	0.00	Orifice - 1
81.70	0.14	80.86	0.00	Orifice - 1
81.80	0.15	80.86	0.00	Orifice - 1
81.90	0.16	80.86	0.00	Orifice - 1
82.00	0.17	80.86	0.00	Orifice - 1
82.10	0.17	80.86	0.00	Orifice - 1
82.20	0.18	80.86	0.00	Orifice - 1
82.30	0.19	80.86	0.00	Orifice - 1
82.40	0.20	80.86	0.00	Orifice - 1
82.50	0.20	80.86	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	80.90	0.00	Orifice - 1
80.80	0.00	80.90	0.00	Orifice - 1
80.86	0.00	80.90	0.00	Orifice - 1
80.90	0.00	80.90	0.00	Orifice - 1
81.00	0.03	80.90	0.00	Orifice - 1
81.10	0.06	80.90	0.00	Orifice - 1
81.20	0.08	80.90	0.00	Orifice - 1
81.30	0.10	80.90	0.00	Orifice - 1
81.40	0.11	80.90	0.00	Orifice - 1
81.50	0.12	80.90	0.00	Orifice - 1
81.60	0.13	80.90	0.00	Orifice - 1
81.70	0.14	80.90	0.00	Orifice - 1
81.80	0.15	80.90	0.00	Orifice - 1
81.90	0.16	80.90	0.00	Orifice - 1
82.00	0.17	80.90	0.00	Orifice - 1
82.10	0.17	80.90	0.00	Orifice - 1
82.20	0.18	80.90	0.00	Orifice - 1
82.30	0.19	80.90	0.00	Orifice - 1
82.40	0.20	80.90	0.00	Orifice - 1
82.50	0.20	80.90	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.00	0.00	Orifice - 1
80.80	0.00	81.00	0.00	Orifice - 1
80.86	0.00	81.00	0.00	Orifice - 1
80.90	0.00	81.00	0.00	Orifice - 1
81.00	0.00	81.00	0.00	Orifice - 1
81.10	0.05	81.00	0.00	Orifice - 1
81.20	0.07	81.00	0.00	Orifice - 1
81.30	0.09	81.00	0.00	Orifice - 1
81.40	0.10	81.00	0.00	Orifice - 1
81.50	0.12	81.00	0.00	Orifice - 1
81.60	0.13	81.00	0.00	Orifice - 1
81.70	0.14	81.00	0.00	Orifice - 1
81.80	0.15	81.00	0.00	Orifice - 1
81.90	0.16	81.00	0.00	Orifice - 1
82.00	0.16	81.00	0.00	Orifice - 1
82.10	0.17	81.00	0.00	Orifice - 1
82.20	0.18	81.00	0.00	Orifice - 1
82.30	0.19	81.00	0.00	Orifice - 1
82.40	0.19	81.00	0.00	Orifice - 1
82.50	0.20	81.00	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.10	0.00	Orifice - 1
80.80	0.00	81.10	0.00	Orifice - 1
80.86	0.00	81.10	0.00	Orifice - 1
80.90	0.00	81.10	0.00	Orifice - 1
81.00	0.00	81.10	0.00	Orifice - 1
81.10	0.00	81.10	0.00	Orifice - 1
81.20	0.05	81.10	0.00	Orifice - 1
81.30	0.07	81.10	0.00	Orifice - 1
81.40	0.09	81.10	0.00	Orifice - 1
81.50	0.10	81.10	0.00	Orifice - 1
81.60	0.12	81.10	0.00	Orifice - 1
81.70	0.13	81.10	0.00	Orifice - 1
81.80	0.14	81.10	0.00	Orifice - 1
81.90	0.15	81.10	0.00	Orifice - 1
82.00	0.16	81.10	0.00	Orifice - 1
82.10	0.16	81.10	0.00	Orifice - 1
82.20	0.17	81.10	0.00	Orifice - 1
82.30	0.18	81.10	0.00	Orifice - 1
82.40	0.19	81.10	0.00	Orifice - 1
82.50	0.19	81.10	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 4
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.20	0.00	Orifice - 1
80.80	0.00	81.20	0.00	Orifice - 1
80.86	0.00	81.20	0.00	Orifice - 1
80.90	0.00	81.20	0.00	Orifice - 1
81.00	0.00	81.20	0.00	Orifice - 1
81.10	0.00	81.20	0.00	Orifice - 1
81.20	0.00	81.20	0.00	Orifice - 1
81.30	0.05	81.20	0.00	Orifice - 1
81.40	0.07	81.20	0.00	Orifice - 1
81.50	0.09	81.20	0.00	Orifice - 1
81.60	0.10	81.20	0.00	Orifice - 1
81.70	0.12	81.20	0.00	Orifice - 1
81.80	0.13	81.20	0.00	Orifice - 1
81.90	0.14	81.20	0.00	Orifice - 1
82.00	0.15	81.20	0.00	Orifice - 1
82.10	0.16	81.20	0.00	Orifice - 1
82.20	0.16	81.20	0.00	Orifice - 1
82.30	0.17	81.20	0.00	Orifice - 1
82.40	0.18	81.20	0.00	Orifice - 1
82.50	0.19	81.20	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.30	0.00	Orifice - 1
80.80	0.00	81.30	0.00	Orifice - 1
80.86	0.00	81.30	0.00	Orifice - 1
80.90	0.00	81.30	0.00	Orifice - 1
81.00	0.00	81.30	0.00	Orifice - 1
81.10	0.00	81.30	0.00	Orifice - 1
81.20	0.00	81.30	0.00	Orifice - 1
81.30	0.00	81.30	0.00	Orifice - 1
81.40	0.05	81.30	0.00	Orifice - 1
81.50	0.07	81.30	0.00	Orifice - 1
81.60	0.09	81.30	0.00	Orifice - 1
81.70	0.10	81.30	0.00	Orifice - 1
81.80	0.12	81.30	0.00	Orifice - 1
81.90	0.13	81.30	0.00	Orifice - 1
82.00	0.14	81.30	0.00	Orifice - 1
82.10	0.15	81.30	0.00	Orifice - 1
82.20	0.16	81.30	0.00	Orifice - 1
82.30	0.16	81.30	0.00	Orifice - 1
82.40	0.17	81.30	0.00	Orifice - 1
82.50	0.18	81.30	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 4
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.40	0.00	Orifice - 1
80.80	0.00	81.40	0.00	Orifice - 1
80.86	0.00	81.40	0.00	Orifice - 1
80.90	0.00	81.40	0.00	Orifice - 1
81.00	0.00	81.40	0.00	Orifice - 1
81.10	0.00	81.40	0.00	Orifice - 1
81.20	0.00	81.40	0.00	Orifice - 1
81.30	0.00	81.40	0.00	Orifice - 1
81.40	0.00	81.40	0.00	Orifice - 1
81.50	0.05	81.40	0.00	Orifice - 1
81.60	0.07	81.40	0.00	Orifice - 1
81.70	0.09	81.40	0.00	Orifice - 1
81.80	0.10	81.40	0.00	Orifice - 1
81.90	0.12	81.40	0.00	Orifice - 1
82.00	0.13	81.40	0.00	Orifice - 1
82.10	0.14	81.40	0.00	Orifice - 1
82.20	0.15	81.40	0.00	Orifice - 1
82.30	0.16	81.40	0.00	Orifice - 1
82.40	0.16	81.40	0.00	Orifice - 1
82.50	0.17	81.40	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.70	0.00	81.50	0.00	Orifice - 1
80.80	0.00	81.50	0.00	Orifice - 1
80.86	0.00	81.50	0.00	Orifice - 1
80.90	0.00	81.50	0.00	Orifice - 1
81.00	0.00	81.50	0.00	Orifice - 1
81.10	0.00	81.50	0.00	Orifice - 1
81.20	0.00	81.50	0.00	Orifice - 1
81.30	0.00	81.50	0.00	Orifice - 1
81.40	0.00	81.50	0.00	Orifice - 1
81.50	0.00	81.50	0.00	Orifice - 1
81.60	0.05	81.50	0.00	Orifice - 1
81.70	0.07	81.50	0.00	Orifice - 1
81.80	0.09	81.50	0.00	Orifice - 1
81.90	0.10	81.50	0.00	Orifice - 1
82.00	0.12	81.50	0.00	Orifice - 1
82.10	0.13	81.50	0.00	Orifice - 1
82.20	0.14	81.50	0.00	Orifice - 1
82.30	0.15	81.50	0.00	Orifice - 1
82.40	0.16	81.50	0.00	Orifice - 1
82.50	0.16	81.50	0.00	Orifice - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.50	0.00	None Contributing
78.60	0.00	78.50	0.00	None Contributing
78.70	0.00	78.50	0.00	None Contributing
78.80	0.00	78.50	0.00	None Contributing
78.90	0.00	78.50	0.00	None Contributing
79.00	0.00	78.50	0.00	None Contributing
79.10	0.00	78.50	0.00	None Contributing
79.20	0.00	78.50	0.00	None Contributing
79.30	0.00	78.50	0.00	None Contributing
79.40	0.00	78.50	0.00	None Contributing
79.50	0.00	78.50	0.00	Weir - 1
79.60	0.38	78.50	0.00	Weir - 1
79.70	1.07	78.50	0.00	Weir - 1
79.80	1.97	78.50	0.00	Weir - 1
79.90	3.04	78.50	0.00	Weir - 1
80.00	4.24	78.50	0.00	Weir - 1
80.10	5.58	78.50	0.00	Weir - 1
80.20	7.03	78.50	0.00	Weir - 1
80.30	8.59	78.50	0.00	Weir - 1
80.40	10.25	78.50	0.00	Weir - 1
80.50	12.00	78.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.60	0.00	Weir - 1
78.60	0.00	78.60	0.00	None Contributing
78.70	0.00	78.60	0.00	None Contributing
78.80	0.00	78.60	0.00	None Contributing
78.90	0.00	78.60	0.00	None Contributing
79.00	0.00	78.60	0.00	None Contributing
79.10	0.00	78.60	0.00	None Contributing
79.20	0.00	78.60	0.00	None Contributing
79.30	0.00	78.60	0.00	None Contributing
79.40	0.00	78.60	0.00	None Contributing
79.50	0.00	78.60	0.00	Weir - 1
79.60	0.38	78.60	0.00	Weir - 1
79.70	1.07	78.60	0.00	Weir - 1
79.80	1.97	78.60	0.00	Weir - 1
79.90	3.04	78.60	0.00	Weir - 1
80.00	4.24	78.60	0.00	Weir - 1
80.10	5.58	78.60	0.00	Weir - 1
80.20	7.03	78.60	0.00	Weir - 1
80.30	8.59	78.60	0.00	Weir - 1
80.40	10.25	78.60	0.00	Weir - 1
80.50	12.00	78.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.70	0.00	Weir - 1
78.60	0.00	78.70	0.00	Weir - 1
78.70	0.00	78.70	0.00	None Contributing
78.80	0.00	78.70	0.00	None Contributing
78.90	0.00	78.70	0.00	None Contributing
79.00	0.00	78.70	0.00	None Contributing
79.10	0.00	78.70	0.00	None Contributing
79.20	0.00	78.70	0.00	None Contributing
79.30	0.00	78.70	0.00	None Contributing
79.40	0.00	78.70	0.00	None Contributing
79.50	0.00	78.70	0.00	Weir - 1
79.60	0.38	78.70	0.00	Weir - 1
79.70	1.07	78.70	0.00	Weir - 1
79.80	1.97	78.70	0.00	Weir - 1
79.90	3.04	78.70	0.00	Weir - 1
80.00	4.24	78.70	0.00	Weir - 1
80.10	5.58	78.70	0.00	Weir - 1
80.20	7.03	78.70	0.00	Weir - 1
80.30	8.59	78.70	0.00	Weir - 1
80.40	10.25	78.70	0.00	Weir - 1
80.50	12.00	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.80	0.00	Weir - 1
78.60	0.00	78.80	0.00	Weir - 1
78.70	0.00	78.80	0.00	Weir - 1
78.80	0.00	78.80	0.00	None Contributing
78.90	0.00	78.80	0.00	None Contributing
79.00	0.00	78.80	0.00	None Contributing
79.10	0.00	78.80	0.00	None Contributing
79.20	0.00	78.80	0.00	None Contributing
79.30	0.00	78.80	0.00	None Contributing
79.40	0.00	78.80	0.00	None Contributing
79.50	0.00	78.80	0.00	Weir - 1
79.60	0.38	78.80	0.00	Weir - 1
79.70	1.07	78.80	0.00	Weir - 1
79.80	1.97	78.80	0.00	Weir - 1
79.90	3.04	78.80	0.00	Weir - 1
80.00	4.24	78.80	0.00	Weir - 1
80.10	5.58	78.80	0.00	Weir - 1
80.20	7.03	78.80	0.00	Weir - 1
80.30	8.59	78.80	0.00	Weir - 1
80.40	10.25	78.80	0.00	Weir - 1
80.50	12.00	78.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	78.90	0.00	Weir - 1
78.60	0.00	78.90	0.00	Weir - 1
78.70	0.00	78.90	0.00	Weir - 1
78.80	0.00	78.90	0.00	Weir - 1
78.90	0.00	78.90	0.00	None Contributing
79.00	0.00	78.90	0.00	None Contributing
79.10	0.00	78.90	0.00	None Contributing
79.20	0.00	78.90	0.00	None Contributing
79.30	0.00	78.90	0.00	None Contributing
79.40	0.00	78.90	0.00	None Contributing
79.50	0.00	78.90	0.00	Weir - 1
79.60	0.38	78.90	0.00	Weir - 1
79.70	1.07	78.90	0.00	Weir - 1
79.80	1.97	78.90	0.00	Weir - 1
79.90	3.04	78.90	0.00	Weir - 1
80.00	4.24	78.90	0.00	Weir - 1
80.10	5.58	78.90	0.00	Weir - 1
80.20	7.03	78.90	0.00	Weir - 1
80.30	8.59	78.90	0.00	Weir - 1
80.40	10.25	78.90	0.00	Weir - 1
80.50	12.00	78.90	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.00	0.00	Weir - 1
78.60	0.00	79.00	0.00	Weir - 1
78.70	0.00	79.00	0.00	Weir - 1
78.80	0.00	79.00	0.00	Weir - 1
78.90	0.00	79.00	0.00	Weir - 1
79.00	0.00	79.00	0.00	None Contributing
79.10	0.00	79.00	0.00	None Contributing
79.20	0.00	79.00	0.00	None Contributing
79.30	0.00	79.00	0.00	None Contributing
79.40	0.00	79.00	0.00	None Contributing
79.50	0.00	79.00	0.00	Weir - 1
79.60	0.38	79.00	0.00	Weir - 1
79.70	1.07	79.00	0.00	Weir - 1
79.80	1.97	79.00	0.00	Weir - 1
79.90	3.04	79.00	0.00	Weir - 1
80.00	4.24	79.00	0.00	Weir - 1
80.10	5.58	79.00	0.00	Weir - 1
80.20	7.03	79.00	0.00	Weir - 1
80.30	8.59	79.00	0.00	Weir - 1
80.40	10.25	79.00	0.00	Weir - 1
80.50	12.00	79.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.10	0.00	Weir - 1
78.60	0.00	79.10	0.00	Weir - 1
78.70	0.00	79.10	0.00	Weir - 1
78.80	0.00	79.10	0.00	Weir - 1
78.90	0.00	79.10	0.00	Weir - 1
79.00	0.00	79.10	0.00	Weir - 1
79.10	0.00	79.10	0.00	None Contributing
79.20	0.00	79.10	0.00	None Contributing
79.30	0.00	79.10	0.00	None Contributing
79.40	0.00	79.10	0.00	None Contributing
79.50	0.00	79.10	0.00	Weir - 1
79.60	0.38	79.10	0.00	Weir - 1
79.70	1.07	79.10	0.00	Weir - 1
79.80	1.97	79.10	0.00	Weir - 1
79.90	3.04	79.10	0.00	Weir - 1
80.00	4.24	79.10	0.00	Weir - 1
80.10	5.58	79.10	0.00	Weir - 1
80.20	7.03	79.10	0.00	Weir - 1
80.30	8.59	79.10	0.00	Weir - 1
80.40	10.25	79.10	0.00	Weir - 1
80.50	12.00	79.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.20	0.00	Weir - 1
78.60	0.00	79.20	0.00	Weir - 1
78.70	0.00	79.20	0.00	Weir - 1
78.80	0.00	79.20	0.00	Weir - 1
78.90	0.00	79.20	0.00	Weir - 1
79.00	0.00	79.20	0.00	Weir - 1
79.10	0.00	79.20	0.00	Weir - 1
79.20	0.00	79.20	0.00	None Contributing
79.30	0.00	79.20	0.00	None Contributing
79.40	0.00	79.20	0.00	None Contributing
79.50	0.00	79.20	0.00	Weir - 1
79.60	0.38	79.20	0.00	Weir - 1
79.70	1.07	79.20	0.00	Weir - 1
79.80	1.97	79.20	0.00	Weir - 1
79.90	3.04	79.20	0.00	Weir - 1
80.00	4.24	79.20	0.00	Weir - 1
80.10	5.58	79.20	0.00	Weir - 1
80.20	7.03	79.20	0.00	Weir - 1
80.30	8.59	79.20	0.00	Weir - 1
80.40	10.25	79.20	0.00	Weir - 1
80.50	12.00	79.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.30	0.00	Weir - 1
78.60	0.00	79.30	0.00	Weir - 1
78.70	0.00	79.30	0.00	Weir - 1
78.80	0.00	79.30	0.00	Weir - 1
78.90	0.00	79.30	0.00	Weir - 1
79.00	0.00	79.30	0.00	Weir - 1
79.10	0.00	79.30	0.00	Weir - 1
79.20	0.00	79.30	0.00	Weir - 1
79.30	0.00	79.30	0.00	None Contributing
79.40	0.00	79.30	0.00	None Contributing
79.50	0.00	79.30	0.00	Weir - 1
79.60	0.38	79.30	0.00	Weir - 1
79.70	1.07	79.30	0.00	Weir - 1
79.80	1.97	79.30	0.00	Weir - 1
79.90	3.04	79.30	0.00	Weir - 1
80.00	4.24	79.30	0.00	Weir - 1
80.10	5.58	79.30	0.00	Weir - 1
80.20	7.03	79.30	0.00	Weir - 1
80.30	8.59	79.30	0.00	Weir - 1
80.40	10.25	79.30	0.00	Weir - 1
80.50	12.00	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.40	0.00	Weir - 1
78.60	0.00	79.40	0.00	Weir - 1
78.70	0.00	79.40	0.00	Weir - 1
78.80	0.00	79.40	0.00	Weir - 1
78.90	0.00	79.40	0.00	Weir - 1
79.00	0.00	79.40	0.00	Weir - 1
79.10	0.00	79.40	0.00	Weir - 1
79.20	0.00	79.40	0.00	Weir - 1
79.30	0.00	79.40	0.00	Weir - 1
79.40	0.00	79.40	0.00	None Contributing
79.50	0.00	79.40	0.00	Weir - 1
79.60	0.38	79.40	0.00	Weir - 1
79.70	1.07	79.40	0.00	Weir - 1
79.80	1.97	79.40	0.00	Weir - 1
79.90	3.04	79.40	0.00	Weir - 1
80.00	4.24	79.40	0.00	Weir - 1
80.10	5.58	79.40	0.00	Weir - 1
80.20	7.03	79.40	0.00	Weir - 1
80.30	8.59	79.40	0.00	Weir - 1
80.40	10.25	79.40	0.00	Weir - 1
80.50	12.00	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.50	0.00	Weir - 1
78.60	0.00	79.50	0.00	Weir - 1
78.70	0.00	79.50	0.00	Weir - 1
78.80	0.00	79.50	0.00	Weir - 1
78.90	0.00	79.50	0.00	Weir - 1
79.00	0.00	79.50	0.00	Weir - 1
79.10	0.00	79.50	0.00	Weir - 1
79.20	0.00	79.50	0.00	Weir - 1
79.30	0.00	79.50	0.00	Weir - 1
79.40	0.00	79.50	0.00	Weir - 1
79.50	0.00	79.50	0.00	Weir - 1
79.60	0.38	79.50	0.00	Weir - 1
79.70	1.07	79.50	0.00	Weir - 1
79.80	1.97	79.50	0.00	Weir - 1
79.90	3.04	79.50	0.00	Weir - 1
80.00	4.24	79.50	0.00	Weir - 1
80.10	5.58	79.50	0.00	Weir - 1
80.20	7.03	79.50	0.00	Weir - 1
80.30	8.59	79.50	0.00	Weir - 1
80.40	10.25	79.50	0.00	Weir - 1
80.50	12.00	79.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.60	0.00	Weir - 1
78.60	0.00	79.60	0.00	Weir - 1
78.70	0.00	79.60	0.00	Weir - 1
78.80	0.00	79.60	0.00	Weir - 1
78.90	0.00	79.60	0.00	Weir - 1
79.00	0.00	79.60	0.00	Weir - 1
79.10	0.00	79.60	0.00	Weir - 1
79.20	0.00	79.60	0.00	Weir - 1
79.30	0.00	79.60	0.00	Weir - 1
79.40	0.00	79.60	0.00	Weir - 1
79.50	0.00	79.60	0.00	Weir - 1
79.60	0.00	79.60	0.00	Weir - 1
79.70	0.91	79.60	0.00	Weir - 1
79.80	1.82	79.60	0.00	Weir - 1
79.90	2.88	79.60	0.00	Weir - 1
80.00	4.09	79.60	0.00	Weir - 1
80.10	5.43	79.60	0.00	Weir - 1
80.20	6.88	79.60	0.00	Weir - 1
80.30	8.44	79.60	0.00	Weir - 1
80.40	10.10	79.60	0.00	Weir - 1
80.50	11.85	79.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.70	0.00	Weir - 1
78.60	0.00	79.70	0.00	Weir - 1
78.70	0.00	79.70	0.00	Weir - 1
78.80	0.00	79.70	0.00	Weir - 1
78.90	0.00	79.70	0.00	Weir - 1
79.00	0.00	79.70	0.00	Weir - 1
79.10	0.00	79.70	0.00	Weir - 1
79.20	0.00	79.70	0.00	Weir - 1
79.30	0.00	79.70	0.00	Weir - 1
79.40	0.00	79.70	0.00	Weir - 1
79.50	0.00	79.70	0.00	Weir - 1
79.60	0.00	79.70	0.00	Weir - 1
79.70	0.00	79.70	0.00	Weir - 1
79.80	1.46	79.70	0.00	Weir - 1
79.90	2.57	79.70	0.00	Weir - 1
80.00	3.79	79.70	0.00	Weir - 1
80.10	5.14	79.70	0.00	Weir - 1
80.20	6.59	79.70	0.00	Weir - 1
80.30	8.16	79.70	0.00	Weir - 1
80.40	9.82	79.70	0.00	Weir - 1
80.50	11.57	79.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.80	0.00	Weir - 1
78.60	0.00	79.80	0.00	Weir - 1
78.70	0.00	79.80	0.00	Weir - 1
78.80	0.00	79.80	0.00	Weir - 1
78.90	0.00	79.80	0.00	Weir - 1
79.00	0.00	79.80	0.00	Weir - 1
79.10	0.00	79.80	0.00	Weir - 1
79.20	0.00	79.80	0.00	Weir - 1
79.30	0.00	79.80	0.00	Weir - 1
79.40	0.00	79.80	0.00	Weir - 1
79.50	0.00	79.80	0.00	Weir - 1
79.60	0.00	79.80	0.00	Weir - 1
79.70	0.00	79.80	0.00	Weir - 1
79.80	0.00	79.80	0.00	Weir - 1
79.90	2.03	79.80	0.00	Weir - 1
80.00	3.34	79.80	0.00	Weir - 1
80.10	4.71	79.80	0.00	Weir - 1
80.20	6.19	79.80	0.00	Weir - 1
80.30	7.77	79.80	0.00	Weir - 1
80.40	9.44	79.80	0.00	Weir - 1
80.50	11.20	79.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	79.90	0.00	Weir - 1
78.60	0.00	79.90	0.00	Weir - 1
78.70	0.00	79.90	0.00	Weir - 1
78.80	0.00	79.90	0.00	Weir - 1
78.90	0.00	79.90	0.00	Weir - 1
79.00	0.00	79.90	0.00	Weir - 1
79.10	0.00	79.90	0.00	Weir - 1
79.20	0.00	79.90	0.00	Weir - 1
79.30	0.00	79.90	0.00	Weir - 1
79.40	0.00	79.90	0.00	Weir - 1
79.50	0.00	79.90	0.00	Weir - 1
79.60	0.00	79.90	0.00	Weir - 1
79.70	0.00	79.90	0.00	Weir - 1
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	Weir - 1
80.00	2.61	79.90	0.00	Weir - 1
80.10	4.12	79.90	0.00	Weir - 1
80.20	5.65	79.90	0.00	Weir - 1
80.30	7.26	79.90	0.00	Weir - 1
80.40	8.95	79.90	0.00	Weir - 1
80.50	10.73	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.00	0.00	Weir - 1
78.60	0.00	80.00	0.00	Weir - 1
78.70	0.00	80.00	0.00	Weir - 1
78.80	0.00	80.00	0.00	Weir - 1
78.90	0.00	80.00	0.00	Weir - 1
79.00	0.00	80.00	0.00	Weir - 1
79.10	0.00	80.00	0.00	Weir - 1
79.20	0.00	80.00	0.00	Weir - 1
79.30	0.00	80.00	0.00	Weir - 1
79.40	0.00	80.00	0.00	Weir - 1
79.50	0.00	80.00	0.00	Weir - 1
79.60	0.00	80.00	0.00	Weir - 1
79.70	0.00	80.00	0.00	Weir - 1
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	Weir - 1
80.10	3.22	80.00	0.00	Weir - 1
80.20	4.92	80.00	0.00	Weir - 1
80.30	6.61	80.00	0.00	Weir - 1
80.40	8.34	80.00	0.00	Weir - 1
80.50	10.14	80.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.10	0.00	Weir - 1
78.60	0.00	80.10	0.00	Weir - 1
78.70	0.00	80.10	0.00	Weir - 1
78.80	0.00	80.10	0.00	Weir - 1
78.90	0.00	80.10	0.00	Weir - 1
79.00	0.00	80.10	0.00	Weir - 1
79.10	0.00	80.10	0.00	Weir - 1
79.20	0.00	80.10	0.00	Weir - 1
79.30	0.00	80.10	0.00	Weir - 1
79.40	0.00	80.10	0.00	Weir - 1
79.50	0.00	80.10	0.00	Weir - 1
79.60	0.00	80.10	0.00	Weir - 1
79.70	0.00	80.10	0.00	Weir - 1
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	Weir - 1
80.20	3.83	80.10	0.00	Weir - 1
80.30	5.73	80.10	0.00	Weir - 1
80.40	7.57	80.10	0.00	Weir - 1
80.50	9.43	80.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.20	0.00	Weir - 1
78.60	0.00	80.20	0.00	Weir - 1
78.70	0.00	80.20	0.00	Weir - 1
78.80	0.00	80.20	0.00	Weir - 1
78.90	0.00	80.20	0.00	Weir - 1
79.00	0.00	80.20	0.00	Weir - 1
79.10	0.00	80.20	0.00	Weir - 1
79.20	0.00	80.20	0.00	Weir - 1
79.30	0.00	80.20	0.00	Weir - 1
79.40	0.00	80.20	0.00	Weir - 1
79.50	0.00	80.20	0.00	Weir - 1
79.60	0.00	80.20	0.00	Weir - 1
79.70	0.00	80.20	0.00	Weir - 1
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	Weir - 1
80.30	4.45	80.20	0.00	Weir - 1
80.40	6.56	80.20	0.00	Weir - 1
80.50	8.55	80.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.30	0.00	Weir - 1
78.60	0.00	80.30	0.00	Weir - 1
78.70	0.00	80.30	0.00	Weir - 1
78.80	0.00	80.30	0.00	Weir - 1
78.90	0.00	80.30	0.00	Weir - 1
79.00	0.00	80.30	0.00	Weir - 1
79.10	0.00	80.30	0.00	Weir - 1
79.20	0.00	80.30	0.00	Weir - 1
79.30	0.00	80.30	0.00	Weir - 1
79.40	0.00	80.30	0.00	Weir - 1
79.50	0.00	80.30	0.00	Weir - 1
79.60	0.00	80.30	0.00	Weir - 1
79.70	0.00	80.30	0.00	Weir - 1
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	Weir - 1
80.40	5.08	80.30	0.00	Weir - 1
80.50	7.40	80.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.40	0.00	Weir - 1
78.60	0.00	80.40	0.00	Weir - 1
78.70	0.00	80.40	0.00	Weir - 1
78.80	0.00	80.40	0.00	Weir - 1
78.90	0.00	80.40	0.00	Weir - 1
79.00	0.00	80.40	0.00	Weir - 1
79.10	0.00	80.40	0.00	Weir - 1
79.20	0.00	80.40	0.00	Weir - 1
79.30	0.00	80.40	0.00	Weir - 1
79.40	0.00	80.40	0.00	Weir - 1
79.50	0.00	80.40	0.00	Weir - 1
79.60	0.00	80.40	0.00	Weir - 1
79.70	0.00	80.40	0.00	Weir - 1
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	Weir - 1
80.50	5.72	80.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.50	0.00	Weir - 1
78.60	0.00	80.50	0.00	Weir - 1
78.70	0.00	80.50	0.00	Weir - 1
78.80	0.00	80.50	0.00	Weir - 1
78.90	0.00	80.50	0.00	Weir - 1
79.00	0.00	80.50	0.00	Weir - 1
79.10	0.00	80.50	0.00	Weir - 1
79.20	0.00	80.50	0.00	Weir - 1
79.30	0.00	80.50	0.00	Weir - 1
79.40	0.00	80.50	0.00	Weir - 1
79.50	0.00	80.50	0.00	Weir - 1
79.60	0.00	80.50	0.00	Weir - 1
79.70	0.00	80.50	0.00	Weir - 1
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.60	0.00	Weir - 1
78.60	0.00	80.60	0.00	Weir - 1
78.70	0.00	80.60	0.00	Weir - 1
78.80	0.00	80.60	0.00	Weir - 1
78.90	0.00	80.60	0.00	Weir - 1
79.00	0.00	80.60	0.00	Weir - 1
79.10	0.00	80.60	0.00	Weir - 1
79.20	0.00	80.60	0.00	Weir - 1
79.30	0.00	80.60	0.00	Weir - 1
79.40	0.00	80.60	0.00	Weir - 1
79.50	0.00	80.60	0.00	Weir - 1
79.60	0.00	80.60	0.00	Weir - 1
79.70	0.00	80.60	0.00	Weir - 1
79.80	0.00	80.60	0.00	Weir - 1
79.90	0.00	80.60	0.00	Weir - 1
80.00	0.00	80.60	0.00	Weir - 1
80.10	0.00	80.60	0.00	Weir - 1
80.20	0.00	80.60	0.00	Weir - 1
80.30	0.00	80.60	0.00	Weir - 1
80.40	0.00	80.60	0.00	Weir - 1
80.50	0.00	80.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.70	0.00	Weir - 1
78.60	0.00	80.70	0.00	Weir - 1
78.70	0.00	80.70	0.00	Weir - 1
78.80	0.00	80.70	0.00	Weir - 1
78.90	0.00	80.70	0.00	Weir - 1
79.00	0.00	80.70	0.00	Weir - 1
79.10	0.00	80.70	0.00	Weir - 1
79.20	0.00	80.70	0.00	Weir - 1
79.30	0.00	80.70	0.00	Weir - 1
79.40	0.00	80.70	0.00	Weir - 1
79.50	0.00	80.70	0.00	Weir - 1
79.60	0.00	80.70	0.00	Weir - 1
79.70	0.00	80.70	0.00	Weir - 1
79.80	0.00	80.70	0.00	Weir - 1
79.90	0.00	80.70	0.00	Weir - 1
80.00	0.00	80.70	0.00	Weir - 1
80.10	0.00	80.70	0.00	Weir - 1
80.20	0.00	80.70	0.00	Weir - 1
80.30	0.00	80.70	0.00	Weir - 1
80.40	0.00	80.70	0.00	Weir - 1
80.50	0.00	80.70	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.80	0.00	Weir - 1
78.60	0.00	80.80	0.00	Weir - 1
78.70	0.00	80.80	0.00	Weir - 1
78.80	0.00	80.80	0.00	Weir - 1
78.90	0.00	80.80	0.00	Weir - 1
79.00	0.00	80.80	0.00	Weir - 1
79.10	0.00	80.80	0.00	Weir - 1
79.20	0.00	80.80	0.00	Weir - 1
79.30	0.00	80.80	0.00	Weir - 1
79.40	0.00	80.80	0.00	Weir - 1
79.50	0.00	80.80	0.00	Weir - 1
79.60	0.00	80.80	0.00	Weir - 1
79.70	0.00	80.80	0.00	Weir - 1
79.80	0.00	80.80	0.00	Weir - 1
79.90	0.00	80.80	0.00	Weir - 1
80.00	0.00	80.80	0.00	Weir - 1
80.10	0.00	80.80	0.00	Weir - 1
80.20	0.00	80.80	0.00	Weir - 1
80.30	0.00	80.80	0.00	Weir - 1
80.40	0.00	80.80	0.00	Weir - 1
80.50	0.00	80.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	80.90	0.00	Weir - 1
78.60	0.00	80.90	0.00	Weir - 1
78.70	0.00	80.90	0.00	Weir - 1
78.80	0.00	80.90	0.00	Weir - 1
78.90	0.00	80.90	0.00	Weir - 1
79.00	0.00	80.90	0.00	Weir - 1
79.10	0.00	80.90	0.00	Weir - 1
79.20	0.00	80.90	0.00	Weir - 1
79.30	0.00	80.90	0.00	Weir - 1
79.40	0.00	80.90	0.00	Weir - 1
79.50	0.00	80.90	0.00	Weir - 1
79.60	0.00	80.90	0.00	Weir - 1
79.70	0.00	80.90	0.00	Weir - 1
79.80	0.00	80.90	0.00	Weir - 1
79.90	0.00	80.90	0.00	Weir - 1
80.00	0.00	80.90	0.00	Weir - 1
80.10	0.00	80.90	0.00	Weir - 1
80.20	0.00	80.90	0.00	Weir - 1
80.30	0.00	80.90	0.00	Weir - 1
80.40	0.00	80.90	0.00	Weir - 1
80.50	0.00	80.90	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.00	0.00	Weir - 1
78.60	0.00	81.00	0.00	Weir - 1
78.70	0.00	81.00	0.00	Weir - 1
78.80	0.00	81.00	0.00	Weir - 1
78.90	0.00	81.00	0.00	Weir - 1
79.00	0.00	81.00	0.00	Weir - 1
79.10	0.00	81.00	0.00	Weir - 1
79.20	0.00	81.00	0.00	Weir - 1
79.30	0.00	81.00	0.00	Weir - 1
79.40	0.00	81.00	0.00	Weir - 1
79.50	0.00	81.00	0.00	Weir - 1
79.60	0.00	81.00	0.00	Weir - 1
79.70	0.00	81.00	0.00	Weir - 1
79.80	0.00	81.00	0.00	Weir - 1
79.90	0.00	81.00	0.00	Weir - 1
80.00	0.00	81.00	0.00	Weir - 1
80.10	0.00	81.00	0.00	Weir - 1
80.20	0.00	81.00	0.00	Weir - 1
80.30	0.00	81.00	0.00	Weir - 1
80.40	0.00	81.00	0.00	Weir - 1
80.50	0.00	81.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.10	0.00	Weir - 1
78.60	0.00	81.10	0.00	Weir - 1
78.70	0.00	81.10	0.00	Weir - 1
78.80	0.00	81.10	0.00	Weir - 1
78.90	0.00	81.10	0.00	Weir - 1
79.00	0.00	81.10	0.00	Weir - 1
79.10	0.00	81.10	0.00	Weir - 1
79.20	0.00	81.10	0.00	Weir - 1
79.30	0.00	81.10	0.00	Weir - 1
79.40	0.00	81.10	0.00	Weir - 1
79.50	0.00	81.10	0.00	Weir - 1
79.60	0.00	81.10	0.00	Weir - 1
79.70	0.00	81.10	0.00	Weir - 1
79.80	0.00	81.10	0.00	Weir - 1
79.90	0.00	81.10	0.00	Weir - 1
80.00	0.00	81.10	0.00	Weir - 1
80.10	0.00	81.10	0.00	Weir - 1
80.20	0.00	81.10	0.00	Weir - 1
80.30	0.00	81.10	0.00	Weir - 1
80.40	0.00	81.10	0.00	Weir - 1
80.50	0.00	81.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.20	0.00	Weir - 1
78.60	0.00	81.20	0.00	Weir - 1
78.70	0.00	81.20	0.00	Weir - 1
78.80	0.00	81.20	0.00	Weir - 1
78.90	0.00	81.20	0.00	Weir - 1
79.00	0.00	81.20	0.00	Weir - 1
79.10	0.00	81.20	0.00	Weir - 1
79.20	0.00	81.20	0.00	Weir - 1
79.30	0.00	81.20	0.00	Weir - 1
79.40	0.00	81.20	0.00	Weir - 1
79.50	0.00	81.20	0.00	Weir - 1
79.60	0.00	81.20	0.00	Weir - 1
79.70	0.00	81.20	0.00	Weir - 1
79.80	0.00	81.20	0.00	Weir - 1
79.90	0.00	81.20	0.00	Weir - 1
80.00	0.00	81.20	0.00	Weir - 1
80.10	0.00	81.20	0.00	Weir - 1
80.20	0.00	81.20	0.00	Weir - 1
80.30	0.00	81.20	0.00	Weir - 1
80.40	0.00	81.20	0.00	Weir - 1
80.50	0.00	81.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.30	0.00	Weir - 1
78.60	0.00	81.30	0.00	Weir - 1
78.70	0.00	81.30	0.00	Weir - 1
78.80	0.00	81.30	0.00	Weir - 1
78.90	0.00	81.30	0.00	Weir - 1
79.00	0.00	81.30	0.00	Weir - 1
79.10	0.00	81.30	0.00	Weir - 1
79.20	0.00	81.30	0.00	Weir - 1
79.30	0.00	81.30	0.00	Weir - 1
79.40	0.00	81.30	0.00	Weir - 1
79.50	0.00	81.30	0.00	Weir - 1
79.60	0.00	81.30	0.00	Weir - 1
79.70	0.00	81.30	0.00	Weir - 1
79.80	0.00	81.30	0.00	Weir - 1
79.90	0.00	81.30	0.00	Weir - 1
80.00	0.00	81.30	0.00	Weir - 1
80.10	0.00	81.30	0.00	Weir - 1
80.20	0.00	81.30	0.00	Weir - 1
80.30	0.00	81.30	0.00	Weir - 1
80.40	0.00	81.30	0.00	Weir - 1
80.50	0.00	81.30	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.40	0.00	Weir - 1
78.60	0.00	81.40	0.00	Weir - 1
78.70	0.00	81.40	0.00	Weir - 1
78.80	0.00	81.40	0.00	Weir - 1
78.90	0.00	81.40	0.00	Weir - 1
79.00	0.00	81.40	0.00	Weir - 1
79.10	0.00	81.40	0.00	Weir - 1
79.20	0.00	81.40	0.00	Weir - 1
79.30	0.00	81.40	0.00	Weir - 1
79.40	0.00	81.40	0.00	Weir - 1
79.50	0.00	81.40	0.00	Weir - 1
79.60	0.00	81.40	0.00	Weir - 1
79.70	0.00	81.40	0.00	Weir - 1
79.80	0.00	81.40	0.00	Weir - 1
79.90	0.00	81.40	0.00	Weir - 1
80.00	0.00	81.40	0.00	Weir - 1
80.10	0.00	81.40	0.00	Weir - 1
80.20	0.00	81.40	0.00	Weir - 1
80.30	0.00	81.40	0.00	Weir - 1
80.40	0.00	81.40	0.00	Weir - 1
80.50	0.00	81.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 5
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	81.50	0.00	Weir - 1
78.60	0.00	81.50	0.00	Weir - 1
78.70	0.00	81.50	0.00	Weir - 1
78.80	0.00	81.50	0.00	Weir - 1
78.90	0.00	81.50	0.00	Weir - 1
79.00	0.00	81.50	0.00	Weir - 1
79.10	0.00	81.50	0.00	Weir - 1
79.20	0.00	81.50	0.00	Weir - 1
79.30	0.00	81.50	0.00	Weir - 1
79.40	0.00	81.50	0.00	Weir - 1
79.50	0.00	81.50	0.00	Weir - 1
79.60	0.00	81.50	0.00	Weir - 1
79.70	0.00	81.50	0.00	Weir - 1
79.80	0.00	81.50	0.00	Weir - 1
79.90	0.00	81.50	0.00	Weir - 1
80.00	0.00	81.50	0.00	Weir - 1
80.10	0.00	81.50	0.00	Weir - 1
80.20	0.00	81.50	0.00	Weir - 1
80.30	0.00	81.50	0.00	Weir - 1
80.40	0.00	81.50	0.00	Weir - 1
80.50	0.00	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.50	0.00	None Contributing
81.10	0.00	78.50	0.00	None Contributing
81.20	0.00	78.50	0.00	None Contributing
81.30	0.00	78.50	0.00	None Contributing
81.40	0.00	78.50	0.00	None Contributing
81.50	0.00	78.50	0.00	None Contributing
81.60	0.00	78.50	0.00	None Contributing
81.70	0.00	78.50	0.00	None Contributing
81.80	0.00	78.50	0.00	None Contributing
81.90	0.00	78.50	0.00	None Contributing
82.00	0.00	78.50	0.00	Weir - 1
82.10	0.25	78.50	0.00	Weir - 1
82.20	0.72	78.50	0.00	Weir - 1
82.30	1.31	78.50	0.00	Weir - 1
82.40	2.02	78.50	0.00	Weir - 1
82.50	2.83	78.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.60	0.00	None Contributing
81.10	0.00	78.60	0.00	None Contributing
81.20	0.00	78.60	0.00	None Contributing
81.30	0.00	78.60	0.00	None Contributing
81.40	0.00	78.60	0.00	None Contributing
81.50	0.00	78.60	0.00	None Contributing
81.60	0.00	78.60	0.00	None Contributing
81.70	0.00	78.60	0.00	None Contributing
81.80	0.00	78.60	0.00	None Contributing
81.90	0.00	78.60	0.00	None Contributing
82.00	0.00	78.60	0.00	Weir - 1
82.10	0.25	78.60	0.00	Weir - 1
82.20	0.72	78.60	0.00	Weir - 1
82.30	1.31	78.60	0.00	Weir - 1
82.40	2.02	78.60	0.00	Weir - 1
82.50	2.83	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.70	0.00	None Contributing
81.10	0.00	78.70	0.00	None Contributing
81.20	0.00	78.70	0.00	None Contributing
81.30	0.00	78.70	0.00	None Contributing
81.40	0.00	78.70	0.00	None Contributing
81.50	0.00	78.70	0.00	None Contributing
81.60	0.00	78.70	0.00	None Contributing
81.70	0.00	78.70	0.00	None Contributing
81.80	0.00	78.70	0.00	None Contributing
81.90	0.00	78.70	0.00	None Contributing
82.00	0.00	78.70	0.00	Weir - 1
82.10	0.25	78.70	0.00	Weir - 1
82.20	0.72	78.70	0.00	Weir - 1
82.30	1.31	78.70	0.00	Weir - 1
82.40	2.02	78.70	0.00	Weir - 1
82.50	2.83	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.80	0.00	None Contributing
81.10	0.00	78.80	0.00	None Contributing
81.20	0.00	78.80	0.00	None Contributing
81.30	0.00	78.80	0.00	None Contributing
81.40	0.00	78.80	0.00	None Contributing
81.50	0.00	78.80	0.00	None Contributing
81.60	0.00	78.80	0.00	None Contributing
81.70	0.00	78.80	0.00	None Contributing
81.80	0.00	78.80	0.00	None Contributing
81.90	0.00	78.80	0.00	None Contributing
82.00	0.00	78.80	0.00	Weir - 1
82.10	0.25	78.80	0.00	Weir - 1
82.20	0.72	78.80	0.00	Weir - 1
82.30	1.31	78.80	0.00	Weir - 1
82.40	2.02	78.80	0.00	Weir - 1
82.50	2.83	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	78.90	0.00	None Contributing
81.10	0.00	78.90	0.00	None Contributing
81.20	0.00	78.90	0.00	None Contributing
81.30	0.00	78.90	0.00	None Contributing
81.40	0.00	78.90	0.00	None Contributing
81.50	0.00	78.90	0.00	None Contributing
81.60	0.00	78.90	0.00	None Contributing
81.70	0.00	78.90	0.00	None Contributing
81.80	0.00	78.90	0.00	None Contributing
81.90	0.00	78.90	0.00	None Contributing
82.00	0.00	78.90	0.00	Weir - 1
82.10	0.25	78.90	0.00	Weir - 1
82.20	0.72	78.90	0.00	Weir - 1
82.30	1.31	78.90	0.00	Weir - 1
82.40	2.02	78.90	0.00	Weir - 1
82.50	2.83	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.00	0.00	None Contributing
81.10	0.00	79.00	0.00	None Contributing
81.20	0.00	79.00	0.00	None Contributing
81.30	0.00	79.00	0.00	None Contributing
81.40	0.00	79.00	0.00	None Contributing
81.50	0.00	79.00	0.00	None Contributing
81.60	0.00	79.00	0.00	None Contributing
81.70	0.00	79.00	0.00	None Contributing
81.80	0.00	79.00	0.00	None Contributing
81.90	0.00	79.00	0.00	None Contributing
82.00	0.00	79.00	0.00	Weir - 1
82.10	0.25	79.00	0.00	Weir - 1
82.20	0.72	79.00	0.00	Weir - 1
82.30	1.31	79.00	0.00	Weir - 1
82.40	2.02	79.00	0.00	Weir - 1
82.50	2.83	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.10	0.00	None Contributing
81.10	0.00	79.10	0.00	None Contributing
81.20	0.00	79.10	0.00	None Contributing
81.30	0.00	79.10	0.00	None Contributing
81.40	0.00	79.10	0.00	None Contributing
81.50	0.00	79.10	0.00	None Contributing
81.60	0.00	79.10	0.00	None Contributing
81.70	0.00	79.10	0.00	None Contributing
81.80	0.00	79.10	0.00	None Contributing
81.90	0.00	79.10	0.00	None Contributing
82.00	0.00	79.10	0.00	Weir - 1
82.10	0.25	79.10	0.00	Weir - 1
82.20	0.72	79.10	0.00	Weir - 1
82.30	1.31	79.10	0.00	Weir - 1
82.40	2.02	79.10	0.00	Weir - 1
82.50	2.83	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.20	0.00	None Contributing
81.10	0.00	79.20	0.00	None Contributing
81.20	0.00	79.20	0.00	None Contributing
81.30	0.00	79.20	0.00	None Contributing
81.40	0.00	79.20	0.00	None Contributing
81.50	0.00	79.20	0.00	None Contributing
81.60	0.00	79.20	0.00	None Contributing
81.70	0.00	79.20	0.00	None Contributing
81.80	0.00	79.20	0.00	None Contributing
81.90	0.00	79.20	0.00	None Contributing
82.00	0.00	79.20	0.00	Weir - 1
82.10	0.25	79.20	0.00	Weir - 1
82.20	0.72	79.20	0.00	Weir - 1
82.30	1.31	79.20	0.00	Weir - 1
82.40	2.02	79.20	0.00	Weir - 1
82.50	2.83	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.30	0.00	None Contributing
81.10	0.00	79.30	0.00	None Contributing
81.20	0.00	79.30	0.00	None Contributing
81.30	0.00	79.30	0.00	None Contributing
81.40	0.00	79.30	0.00	None Contributing
81.50	0.00	79.30	0.00	None Contributing
81.60	0.00	79.30	0.00	None Contributing
81.70	0.00	79.30	0.00	None Contributing
81.80	0.00	79.30	0.00	None Contributing
81.90	0.00	79.30	0.00	None Contributing
82.00	0.00	79.30	0.00	Weir - 1
82.10	0.25	79.30	0.00	Weir - 1
82.20	0.72	79.30	0.00	Weir - 1
82.30	1.31	79.30	0.00	Weir - 1
82.40	2.02	79.30	0.00	Weir - 1
82.50	2.83	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.40	0.00	None Contributing
81.10	0.00	79.40	0.00	None Contributing
81.20	0.00	79.40	0.00	None Contributing
81.30	0.00	79.40	0.00	None Contributing
81.40	0.00	79.40	0.00	None Contributing
81.50	0.00	79.40	0.00	None Contributing
81.60	0.00	79.40	0.00	None Contributing
81.70	0.00	79.40	0.00	None Contributing
81.80	0.00	79.40	0.00	None Contributing
81.90	0.00	79.40	0.00	None Contributing
82.00	0.00	79.40	0.00	Weir - 1
82.10	0.25	79.40	0.00	Weir - 1
82.20	0.72	79.40	0.00	Weir - 1
82.30	1.31	79.40	0.00	Weir - 1
82.40	2.02	79.40	0.00	Weir - 1
82.50	2.83	79.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.50	0.00	None Contributing
81.10	0.00	79.50	0.00	None Contributing
81.20	0.00	79.50	0.00	None Contributing
81.30	0.00	79.50	0.00	None Contributing
81.40	0.00	79.50	0.00	None Contributing
81.50	0.00	79.50	0.00	None Contributing
81.60	0.00	79.50	0.00	None Contributing
81.70	0.00	79.50	0.00	None Contributing
81.80	0.00	79.50	0.00	None Contributing
81.90	0.00	79.50	0.00	None Contributing
82.00	0.00	79.50	0.00	Weir - 1
82.10	0.25	79.50	0.00	Weir - 1
82.20	0.72	79.50	0.00	Weir - 1
82.30	1.31	79.50	0.00	Weir - 1
82.40	2.02	79.50	0.00	Weir - 1
82.50	2.83	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.60	0.00	None Contributing
81.10	0.00	79.60	0.00	None Contributing
81.20	0.00	79.60	0.00	None Contributing
81.30	0.00	79.60	0.00	None Contributing
81.40	0.00	79.60	0.00	None Contributing
81.50	0.00	79.60	0.00	None Contributing
81.60	0.00	79.60	0.00	None Contributing
81.70	0.00	79.60	0.00	None Contributing
81.80	0.00	79.60	0.00	None Contributing
81.90	0.00	79.60	0.00	None Contributing
82.00	0.00	79.60	0.00	Weir - 1
82.10	0.25	79.60	0.00	Weir - 1
82.20	0.72	79.60	0.00	Weir - 1
82.30	1.31	79.60	0.00	Weir - 1
82.40	2.02	79.60	0.00	Weir - 1
82.50	2.83	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.70	0.00	None Contributing
81.10	0.00	79.70	0.00	None Contributing
81.20	0.00	79.70	0.00	None Contributing
81.30	0.00	79.70	0.00	None Contributing
81.40	0.00	79.70	0.00	None Contributing
81.50	0.00	79.70	0.00	None Contributing
81.60	0.00	79.70	0.00	None Contributing
81.70	0.00	79.70	0.00	None Contributing
81.80	0.00	79.70	0.00	None Contributing
81.90	0.00	79.70	0.00	None Contributing
82.00	0.00	79.70	0.00	Weir - 1
82.10	0.25	79.70	0.00	Weir - 1
82.20	0.72	79.70	0.00	Weir - 1
82.30	1.31	79.70	0.00	Weir - 1
82.40	2.02	79.70	0.00	Weir - 1
82.50	2.83	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.80	0.00	None Contributing
81.10	0.00	79.80	0.00	None Contributing
81.20	0.00	79.80	0.00	None Contributing
81.30	0.00	79.80	0.00	None Contributing
81.40	0.00	79.80	0.00	None Contributing
81.50	0.00	79.80	0.00	None Contributing
81.60	0.00	79.80	0.00	None Contributing
81.70	0.00	79.80	0.00	None Contributing
81.80	0.00	79.80	0.00	None Contributing
81.90	0.00	79.80	0.00	None Contributing
82.00	0.00	79.80	0.00	Weir - 1
82.10	0.25	79.80	0.00	Weir - 1
82.20	0.72	79.80	0.00	Weir - 1
82.30	1.31	79.80	0.00	Weir - 1
82.40	2.02	79.80	0.00	Weir - 1
82.50	2.83	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	79.90	0.00	None Contributing
81.10	0.00	79.90	0.00	None Contributing
81.20	0.00	79.90	0.00	None Contributing
81.30	0.00	79.90	0.00	None Contributing
81.40	0.00	79.90	0.00	None Contributing
81.50	0.00	79.90	0.00	None Contributing
81.60	0.00	79.90	0.00	None Contributing
81.70	0.00	79.90	0.00	None Contributing
81.80	0.00	79.90	0.00	None Contributing
81.90	0.00	79.90	0.00	None Contributing
82.00	0.00	79.90	0.00	Weir - 1
82.10	0.25	79.90	0.00	Weir - 1
82.20	0.72	79.90	0.00	Weir - 1
82.30	1.31	79.90	0.00	Weir - 1
82.40	2.02	79.90	0.00	Weir - 1
82.50	2.83	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.00	0.00	None Contributing
81.10	0.00	80.00	0.00	None Contributing
81.20	0.00	80.00	0.00	None Contributing
81.30	0.00	80.00	0.00	None Contributing
81.40	0.00	80.00	0.00	None Contributing
81.50	0.00	80.00	0.00	None Contributing
81.60	0.00	80.00	0.00	None Contributing
81.70	0.00	80.00	0.00	None Contributing
81.80	0.00	80.00	0.00	None Contributing
81.90	0.00	80.00	0.00	None Contributing
82.00	0.00	80.00	0.00	Weir - 1
82.10	0.25	80.00	0.00	Weir - 1
82.20	0.72	80.00	0.00	Weir - 1
82.30	1.31	80.00	0.00	Weir - 1
82.40	2.02	80.00	0.00	Weir - 1
82.50	2.83	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.10	0.00	None Contributing
81.10	0.00	80.10	0.00	None Contributing
81.20	0.00	80.10	0.00	None Contributing
81.30	0.00	80.10	0.00	None Contributing
81.40	0.00	80.10	0.00	None Contributing
81.50	0.00	80.10	0.00	None Contributing
81.60	0.00	80.10	0.00	None Contributing
81.70	0.00	80.10	0.00	None Contributing
81.80	0.00	80.10	0.00	None Contributing
81.90	0.00	80.10	0.00	None Contributing
82.00	0.00	80.10	0.00	Weir - 1
82.10	0.25	80.10	0.00	Weir - 1
82.20	0.72	80.10	0.00	Weir - 1
82.30	1.31	80.10	0.00	Weir - 1
82.40	2.02	80.10	0.00	Weir - 1
82.50	2.83	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.20	0.00	None Contributing
81.10	0.00	80.20	0.00	None Contributing
81.20	0.00	80.20	0.00	None Contributing
81.30	0.00	80.20	0.00	None Contributing
81.40	0.00	80.20	0.00	None Contributing
81.50	0.00	80.20	0.00	None Contributing
81.60	0.00	80.20	0.00	None Contributing
81.70	0.00	80.20	0.00	None Contributing
81.80	0.00	80.20	0.00	None Contributing
81.90	0.00	80.20	0.00	None Contributing
82.00	0.00	80.20	0.00	Weir - 1
82.10	0.25	80.20	0.00	Weir - 1
82.20	0.72	80.20	0.00	Weir - 1
82.30	1.31	80.20	0.00	Weir - 1
82.40	2.02	80.20	0.00	Weir - 1
82.50	2.83	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.30	0.00	None Contributing
81.10	0.00	80.30	0.00	None Contributing
81.20	0.00	80.30	0.00	None Contributing
81.30	0.00	80.30	0.00	None Contributing
81.40	0.00	80.30	0.00	None Contributing
81.50	0.00	80.30	0.00	None Contributing
81.60	0.00	80.30	0.00	None Contributing
81.70	0.00	80.30	0.00	None Contributing
81.80	0.00	80.30	0.00	None Contributing
81.90	0.00	80.30	0.00	None Contributing
82.00	0.00	80.30	0.00	Weir - 1
82.10	0.25	80.30	0.00	Weir - 1
82.20	0.72	80.30	0.00	Weir - 1
82.30	1.31	80.30	0.00	Weir - 1
82.40	2.02	80.30	0.00	Weir - 1
82.50	2.83	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.40	0.00	None Contributing
81.10	0.00	80.40	0.00	None Contributing
81.20	0.00	80.40	0.00	None Contributing
81.30	0.00	80.40	0.00	None Contributing
81.40	0.00	80.40	0.00	None Contributing
81.50	0.00	80.40	0.00	None Contributing
81.60	0.00	80.40	0.00	None Contributing
81.70	0.00	80.40	0.00	None Contributing
81.80	0.00	80.40	0.00	None Contributing
81.90	0.00	80.40	0.00	None Contributing
82.00	0.00	80.40	0.00	Weir - 1
82.10	0.25	80.40	0.00	Weir - 1
82.20	0.72	80.40	0.00	Weir - 1
82.30	1.31	80.40	0.00	Weir - 1
82.40	2.02	80.40	0.00	Weir - 1
82.50	2.83	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.50	0.00	None Contributing
81.10	0.00	80.50	0.00	None Contributing
81.20	0.00	80.50	0.00	None Contributing
81.30	0.00	80.50	0.00	None Contributing
81.40	0.00	80.50	0.00	None Contributing
81.50	0.00	80.50	0.00	None Contributing
81.60	0.00	80.50	0.00	None Contributing
81.70	0.00	80.50	0.00	None Contributing
81.80	0.00	80.50	0.00	None Contributing
81.90	0.00	80.50	0.00	None Contributing
82.00	0.00	80.50	0.00	Weir - 1
82.10	0.25	80.50	0.00	Weir - 1
82.20	0.72	80.50	0.00	Weir - 1
82.30	1.31	80.50	0.00	Weir - 1
82.40	2.02	80.50	0.00	Weir - 1
82.50	2.83	80.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.60	0.00	None Contributing
81.10	0.00	80.60	0.00	None Contributing
81.20	0.00	80.60	0.00	None Contributing
81.30	0.00	80.60	0.00	None Contributing
81.40	0.00	80.60	0.00	None Contributing
81.50	0.00	80.60	0.00	None Contributing
81.60	0.00	80.60	0.00	None Contributing
81.70	0.00	80.60	0.00	None Contributing
81.80	0.00	80.60	0.00	None Contributing
81.90	0.00	80.60	0.00	None Contributing
82.00	0.00	80.60	0.00	Weir - 1
82.10	0.25	80.60	0.00	Weir - 1
82.20	0.72	80.60	0.00	Weir - 1
82.30	1.31	80.60	0.00	Weir - 1
82.40	2.02	80.60	0.00	Weir - 1
82.50	2.83	80.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.70	0.00	None Contributing
81.10	0.00	80.70	0.00	None Contributing
81.20	0.00	80.70	0.00	None Contributing
81.30	0.00	80.70	0.00	None Contributing
81.40	0.00	80.70	0.00	None Contributing
81.50	0.00	80.70	0.00	None Contributing
81.60	0.00	80.70	0.00	None Contributing
81.70	0.00	80.70	0.00	None Contributing
81.80	0.00	80.70	0.00	None Contributing
81.90	0.00	80.70	0.00	None Contributing
82.00	0.00	80.70	0.00	Weir - 1
82.10	0.25	80.70	0.00	Weir - 1
82.20	0.72	80.70	0.00	Weir - 1
82.30	1.31	80.70	0.00	Weir - 1
82.40	2.02	80.70	0.00	Weir - 1
82.50	2.83	80.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.80	0.00	None Contributing
81.10	0.00	80.80	0.00	None Contributing
81.20	0.00	80.80	0.00	None Contributing
81.30	0.00	80.80	0.00	None Contributing
81.40	0.00	80.80	0.00	None Contributing
81.50	0.00	80.80	0.00	None Contributing
81.60	0.00	80.80	0.00	None Contributing
81.70	0.00	80.80	0.00	None Contributing
81.80	0.00	80.80	0.00	None Contributing
81.90	0.00	80.80	0.00	None Contributing
82.00	0.00	80.80	0.00	Weir - 1
82.10	0.25	80.80	0.00	Weir - 1
82.20	0.72	80.80	0.00	Weir - 1
82.30	1.31	80.80	0.00	Weir - 1
82.40	2.02	80.80	0.00	Weir - 1
82.50	2.83	80.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	80.90	0.00	None Contributing
81.10	0.00	80.90	0.00	None Contributing
81.20	0.00	80.90	0.00	None Contributing
81.30	0.00	80.90	0.00	None Contributing
81.40	0.00	80.90	0.00	None Contributing
81.50	0.00	80.90	0.00	None Contributing
81.60	0.00	80.90	0.00	None Contributing
81.70	0.00	80.90	0.00	None Contributing
81.80	0.00	80.90	0.00	None Contributing
81.90	0.00	80.90	0.00	None Contributing
82.00	0.00	80.90	0.00	Weir - 1
82.10	0.25	80.90	0.00	Weir - 1
82.20	0.72	80.90	0.00	Weir - 1
82.30	1.31	80.90	0.00	Weir - 1
82.40	2.02	80.90	0.00	Weir - 1
82.50	2.83	80.90	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.00	0.00	None Contributing
81.10	0.00	81.00	0.00	None Contributing
81.20	0.00	81.00	0.00	None Contributing
81.30	0.00	81.00	0.00	None Contributing
81.40	0.00	81.00	0.00	None Contributing
81.50	0.00	81.00	0.00	None Contributing
81.60	0.00	81.00	0.00	None Contributing
81.70	0.00	81.00	0.00	None Contributing
81.80	0.00	81.00	0.00	None Contributing
81.90	0.00	81.00	0.00	None Contributing
82.00	0.00	81.00	0.00	Weir - 1
82.10	0.25	81.00	0.00	Weir - 1
82.20	0.72	81.00	0.00	Weir - 1
82.30	1.31	81.00	0.00	Weir - 1
82.40	2.02	81.00	0.00	Weir - 1
82.50	2.83	81.00	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.10	0.00	Weir - 1
81.10	0.00	81.10	0.00	None Contributing
81.20	0.00	81.10	0.00	None Contributing
81.30	0.00	81.10	0.00	None Contributing
81.40	0.00	81.10	0.00	None Contributing
81.50	0.00	81.10	0.00	None Contributing
81.60	0.00	81.10	0.00	None Contributing
81.70	0.00	81.10	0.00	None Contributing
81.80	0.00	81.10	0.00	None Contributing
81.90	0.00	81.10	0.00	None Contributing
82.00	0.00	81.10	0.00	Weir - 1
82.10	0.25	81.10	0.00	Weir - 1
82.20	0.72	81.10	0.00	Weir - 1
82.30	1.31	81.10	0.00	Weir - 1
82.40	2.02	81.10	0.00	Weir - 1
82.50	2.83	81.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.20	0.00	Weir - 1
81.10	0.00	81.20	0.00	Weir - 1
81.20	0.00	81.20	0.00	None Contributing
81.30	0.00	81.20	0.00	None Contributing
81.40	0.00	81.20	0.00	None Contributing
81.50	0.00	81.20	0.00	None Contributing
81.60	0.00	81.20	0.00	None Contributing
81.70	0.00	81.20	0.00	None Contributing
81.80	0.00	81.20	0.00	None Contributing
81.90	0.00	81.20	0.00	None Contributing
82.00	0.00	81.20	0.00	Weir - 1
82.10	0.25	81.20	0.00	Weir - 1
82.20	0.72	81.20	0.00	Weir - 1
82.30	1.31	81.20	0.00	Weir - 1
82.40	2.02	81.20	0.00	Weir - 1
82.50	2.83	81.20	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 6
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.30	0.00	Weir - 1
81.10	0.00	81.30	0.00	Weir - 1
81.20	0.00	81.30	0.00	Weir - 1
81.30	0.00	81.30	0.00	None Contributing
81.40	0.00	81.30	0.00	None Contributing
81.50	0.00	81.30	0.00	None Contributing
81.60	0.00	81.30	0.00	None Contributing
81.70	0.00	81.30	0.00	None Contributing
81.80	0.00	81.30	0.00	None Contributing
81.90	0.00	81.30	0.00	None Contributing
82.00	0.00	81.30	0.00	Weir - 1
82.10	0.25	81.30	0.00	Weir - 1
82.20	0.72	81.30	0.00	Weir - 1
82.30	1.31	81.30	0.00	Weir - 1
82.40	2.02	81.30	0.00	Weir - 1
82.50	2.83	81.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.40	0.00	Weir - 1
81.10	0.00	81.40	0.00	Weir - 1
81.20	0.00	81.40	0.00	Weir - 1
81.30	0.00	81.40	0.00	Weir - 1
81.40	0.00	81.40	0.00	None Contributing
81.50	0.00	81.40	0.00	None Contributing
81.60	0.00	81.40	0.00	None Contributing
81.70	0.00	81.40	0.00	None Contributing
81.80	0.00	81.40	0.00	None Contributing
81.90	0.00	81.40	0.00	None Contributing
82.00	0.00	81.40	0.00	Weir - 1
82.10	0.25	81.40	0.00	Weir - 1
82.20	0.72	81.40	0.00	Weir - 1
82.30	1.31	81.40	0.00	Weir - 1
82.40	2.02	81.40	0.00	Weir - 1
82.50	2.83	81.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.00	0.00	81.50	0.00	Weir - 1
81.10	0.00	81.50	0.00	Weir - 1
81.20	0.00	81.50	0.00	Weir - 1
81.30	0.00	81.50	0.00	Weir - 1
81.40	0.00	81.50	0.00	Weir - 1
81.50	0.00	81.50	0.00	None Contributing
81.60	0.00	81.50	0.00	None Contributing
81.70	0.00	81.50	0.00	None Contributing
81.80	0.00	81.50	0.00	None Contributing
81.90	0.00	81.50	0.00	None Contributing
82.00	0.00	81.50	0.00	Weir - 1
82.10	0.25	81.50	0.00	Weir - 1
82.20	0.72	81.50	0.00	Weir - 1
82.30	1.31	81.50	0.00	Weir - 1
82.40	2.02	81.50	0.00	Weir - 1
82.50	2.83	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.50	0.00	None Contributing
79.90	0.00	78.50	0.00	None Contributing
80.00	0.00	78.50	0.00	None Contributing
80.10	0.00	78.50	0.00	None Contributing
80.20	0.00	78.50	0.00	None Contributing
80.30	0.00	78.50	0.00	None Contributing
80.40	0.00	78.50	0.00	None Contributing
80.50	0.00	78.50	0.00	Weir - 1
80.60	0.46	78.50	0.00	Weir - 1
80.70	1.29	78.50	0.00	Weir - 1
80.80	2.37	78.50	0.00	Weir - 1
80.90	3.64	78.50	0.00	Weir - 1
81.00	5.09	78.50	0.00	Weir - 1
81.10	6.69	78.50	0.00	Weir - 1
81.20	8.43	78.50	0.00	Weir - 1
81.30	10.30	78.50	0.00	Weir - 1
81.40	12.29	78.50	0.00	Weir - 1
81.50	14.40	78.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.60	0.00	None Contributing
79.90	0.00	78.60	0.00	None Contributing
80.00	0.00	78.60	0.00	None Contributing
80.10	0.00	78.60	0.00	None Contributing
80.20	0.00	78.60	0.00	None Contributing
80.30	0.00	78.60	0.00	None Contributing
80.40	0.00	78.60	0.00	None Contributing
80.50	0.00	78.60	0.00	Weir - 1
80.60	0.46	78.60	0.00	Weir - 1
80.70	1.29	78.60	0.00	Weir - 1
80.80	2.37	78.60	0.00	Weir - 1
80.90	3.64	78.60	0.00	Weir - 1
81.00	5.09	78.60	0.00	Weir - 1
81.10	6.69	78.60	0.00	Weir - 1
81.20	8.43	78.60	0.00	Weir - 1
81.30	10.30	78.60	0.00	Weir - 1
81.40	12.29	78.60	0.00	Weir - 1
81.50	14.40	78.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.70	0.00	None Contributing
79.90	0.00	78.70	0.00	None Contributing
80.00	0.00	78.70	0.00	None Contributing
80.10	0.00	78.70	0.00	None Contributing
80.20	0.00	78.70	0.00	None Contributing
80.30	0.00	78.70	0.00	None Contributing
80.40	0.00	78.70	0.00	None Contributing
80.50	0.00	78.70	0.00	Weir - 1
80.60	0.46	78.70	0.00	Weir - 1
80.70	1.29	78.70	0.00	Weir - 1
80.80	2.37	78.70	0.00	Weir - 1
80.90	3.64	78.70	0.00	Weir - 1
81.00	5.09	78.70	0.00	Weir - 1
81.10	6.69	78.70	0.00	Weir - 1
81.20	8.43	78.70	0.00	Weir - 1
81.30	10.30	78.70	0.00	Weir - 1
81.40	12.29	78.70	0.00	Weir - 1
81.50	14.40	78.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.80	0.00	None Contributing
79.90	0.00	78.80	0.00	None Contributing
80.00	0.00	78.80	0.00	None Contributing
80.10	0.00	78.80	0.00	None Contributing
80.20	0.00	78.80	0.00	None Contributing
80.30	0.00	78.80	0.00	None Contributing
80.40	0.00	78.80	0.00	None Contributing
80.50	0.00	78.80	0.00	Weir - 1
80.60	0.46	78.80	0.00	Weir - 1
80.70	1.29	78.80	0.00	Weir - 1
80.80	2.37	78.80	0.00	Weir - 1
80.90	3.64	78.80	0.00	Weir - 1
81.00	5.09	78.80	0.00	Weir - 1
81.10	6.69	78.80	0.00	Weir - 1
81.20	8.43	78.80	0.00	Weir - 1
81.30	10.30	78.80	0.00	Weir - 1
81.40	12.29	78.80	0.00	Weir - 1
81.50	14.40	78.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	78.90	0.00	None Contributing
79.90	0.00	78.90	0.00	None Contributing
80.00	0.00	78.90	0.00	None Contributing
80.10	0.00	78.90	0.00	None Contributing
80.20	0.00	78.90	0.00	None Contributing
80.30	0.00	78.90	0.00	None Contributing
80.40	0.00	78.90	0.00	None Contributing
80.50	0.00	78.90	0.00	Weir - 1
80.60	0.46	78.90	0.00	Weir - 1
80.70	1.29	78.90	0.00	Weir - 1
80.80	2.37	78.90	0.00	Weir - 1
80.90	3.64	78.90	0.00	Weir - 1
81.00	5.09	78.90	0.00	Weir - 1
81.10	6.69	78.90	0.00	Weir - 1
81.20	8.43	78.90	0.00	Weir - 1
81.30	10.30	78.90	0.00	Weir - 1
81.40	12.29	78.90	0.00	Weir - 1
81.50	14.40	78.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.00	0.00	None Contributing
79.90	0.00	79.00	0.00	None Contributing
80.00	0.00	79.00	0.00	None Contributing
80.10	0.00	79.00	0.00	None Contributing
80.20	0.00	79.00	0.00	None Contributing
80.30	0.00	79.00	0.00	None Contributing
80.40	0.00	79.00	0.00	None Contributing
80.50	0.00	79.00	0.00	Weir - 1
80.60	0.46	79.00	0.00	Weir - 1
80.70	1.29	79.00	0.00	Weir - 1
80.80	2.37	79.00	0.00	Weir - 1
80.90	3.64	79.00	0.00	Weir - 1
81.00	5.09	79.00	0.00	Weir - 1
81.10	6.69	79.00	0.00	Weir - 1
81.20	8.43	79.00	0.00	Weir - 1
81.30	10.30	79.00	0.00	Weir - 1
81.40	12.29	79.00	0.00	Weir - 1
81.50	14.40	79.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.10	0.00	None Contributing
79.90	0.00	79.10	0.00	None Contributing
80.00	0.00	79.10	0.00	None Contributing
80.10	0.00	79.10	0.00	None Contributing
80.20	0.00	79.10	0.00	None Contributing
80.30	0.00	79.10	0.00	None Contributing
80.40	0.00	79.10	0.00	None Contributing
80.50	0.00	79.10	0.00	Weir - 1
80.60	0.46	79.10	0.00	Weir - 1
80.70	1.29	79.10	0.00	Weir - 1
80.80	2.37	79.10	0.00	Weir - 1
80.90	3.64	79.10	0.00	Weir - 1
81.00	5.09	79.10	0.00	Weir - 1
81.10	6.69	79.10	0.00	Weir - 1
81.20	8.43	79.10	0.00	Weir - 1
81.30	10.30	79.10	0.00	Weir - 1
81.40	12.29	79.10	0.00	Weir - 1
81.50	14.40	79.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.20	0.00	None Contributing
79.90	0.00	79.20	0.00	None Contributing
80.00	0.00	79.20	0.00	None Contributing
80.10	0.00	79.20	0.00	None Contributing
80.20	0.00	79.20	0.00	None Contributing
80.30	0.00	79.20	0.00	None Contributing
80.40	0.00	79.20	0.00	None Contributing
80.50	0.00	79.20	0.00	Weir - 1
80.60	0.46	79.20	0.00	Weir - 1
80.70	1.29	79.20	0.00	Weir - 1
80.80	2.37	79.20	0.00	Weir - 1
80.90	3.64	79.20	0.00	Weir - 1
81.00	5.09	79.20	0.00	Weir - 1
81.10	6.69	79.20	0.00	Weir - 1
81.20	8.43	79.20	0.00	Weir - 1
81.30	10.30	79.20	0.00	Weir - 1
81.40	12.29	79.20	0.00	Weir - 1
81.50	14.40	79.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.30	0.00	None Contributing
79.90	0.00	79.30	0.00	None Contributing
80.00	0.00	79.30	0.00	None Contributing
80.10	0.00	79.30	0.00	None Contributing
80.20	0.00	79.30	0.00	None Contributing
80.30	0.00	79.30	0.00	None Contributing
80.40	0.00	79.30	0.00	None Contributing
80.50	0.00	79.30	0.00	Weir - 1
80.60	0.46	79.30	0.00	Weir - 1
80.70	1.29	79.30	0.00	Weir - 1
80.80	2.37	79.30	0.00	Weir - 1
80.90	3.64	79.30	0.00	Weir - 1
81.00	5.09	79.30	0.00	Weir - 1
81.10	6.69	79.30	0.00	Weir - 1
81.20	8.43	79.30	0.00	Weir - 1
81.30	10.30	79.30	0.00	Weir - 1
81.40	12.29	79.30	0.00	Weir - 1
81.50	14.40	79.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.40	0.00	None Contributing
79.90	0.00	79.40	0.00	None Contributing
80.00	0.00	79.40	0.00	None Contributing
80.10	0.00	79.40	0.00	None Contributing
80.20	0.00	79.40	0.00	None Contributing
80.30	0.00	79.40	0.00	None Contributing
80.40	0.00	79.40	0.00	None Contributing
80.50	0.00	79.40	0.00	Weir - 1
80.60	0.46	79.40	0.00	Weir - 1
80.70	1.29	79.40	0.00	Weir - 1
80.80	2.37	79.40	0.00	Weir - 1
80.90	3.64	79.40	0.00	Weir - 1
81.00	5.09	79.40	0.00	Weir - 1
81.10	6.69	79.40	0.00	Weir - 1
81.20	8.43	79.40	0.00	Weir - 1
81.30	10.30	79.40	0.00	Weir - 1
81.40	12.29	79.40	0.00	Weir - 1
81.50	14.40	79.40	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.50	0.00	None Contributing
79.90	0.00	79.50	0.00	None Contributing
80.00	0.00	79.50	0.00	None Contributing
80.10	0.00	79.50	0.00	None Contributing
80.20	0.00	79.50	0.00	None Contributing
80.30	0.00	79.50	0.00	None Contributing
80.40	0.00	79.50	0.00	None Contributing
80.50	0.00	79.50	0.00	Weir - 1
80.60	0.46	79.50	0.00	Weir - 1
80.70	1.29	79.50	0.00	Weir - 1
80.80	2.37	79.50	0.00	Weir - 1
80.90	3.64	79.50	0.00	Weir - 1
81.00	5.09	79.50	0.00	Weir - 1
81.10	6.69	79.50	0.00	Weir - 1
81.20	8.43	79.50	0.00	Weir - 1
81.30	10.30	79.50	0.00	Weir - 1
81.40	12.29	79.50	0.00	Weir - 1
81.50	14.40	79.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.60	0.00	None Contributing
79.90	0.00	79.60	0.00	None Contributing
80.00	0.00	79.60	0.00	None Contributing
80.10	0.00	79.60	0.00	None Contributing
80.20	0.00	79.60	0.00	None Contributing
80.30	0.00	79.60	0.00	None Contributing
80.40	0.00	79.60	0.00	None Contributing
80.50	0.00	79.60	0.00	Weir - 1
80.60	0.46	79.60	0.00	Weir - 1
80.70	1.29	79.60	0.00	Weir - 1
80.80	2.37	79.60	0.00	Weir - 1
80.90	3.64	79.60	0.00	Weir - 1
81.00	5.09	79.60	0.00	Weir - 1
81.10	6.69	79.60	0.00	Weir - 1
81.20	8.43	79.60	0.00	Weir - 1
81.30	10.30	79.60	0.00	Weir - 1
81.40	12.29	79.60	0.00	Weir - 1
81.50	14.40	79.60	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.70	0.00	None Contributing
79.90	0.00	79.70	0.00	None Contributing
80.00	0.00	79.70	0.00	None Contributing
80.10	0.00	79.70	0.00	None Contributing
80.20	0.00	79.70	0.00	None Contributing
80.30	0.00	79.70	0.00	None Contributing
80.40	0.00	79.70	0.00	None Contributing
80.50	0.00	79.70	0.00	Weir - 1
80.60	0.46	79.70	0.00	Weir - 1
80.70	1.29	79.70	0.00	Weir - 1
80.80	2.37	79.70	0.00	Weir - 1
80.90	3.64	79.70	0.00	Weir - 1
81.00	5.09	79.70	0.00	Weir - 1
81.10	6.69	79.70	0.00	Weir - 1
81.20	8.43	79.70	0.00	Weir - 1
81.30	10.30	79.70	0.00	Weir - 1
81.40	12.29	79.70	0.00	Weir - 1
81.50	14.40	79.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.80	0.00	None Contributing
79.90	0.00	79.80	0.00	None Contributing
80.00	0.00	79.80	0.00	None Contributing
80.10	0.00	79.80	0.00	None Contributing
80.20	0.00	79.80	0.00	None Contributing
80.30	0.00	79.80	0.00	None Contributing
80.40	0.00	79.80	0.00	None Contributing
80.50	0.00	79.80	0.00	Weir - 1
80.60	0.46	79.80	0.00	Weir - 1
80.70	1.29	79.80	0.00	Weir - 1
80.80	2.37	79.80	0.00	Weir - 1
80.90	3.64	79.80	0.00	Weir - 1
81.00	5.09	79.80	0.00	Weir - 1
81.10	6.69	79.80	0.00	Weir - 1
81.20	8.43	79.80	0.00	Weir - 1
81.30	10.30	79.80	0.00	Weir - 1
81.40	12.29	79.80	0.00	Weir - 1
81.50	14.40	79.80	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	79.90	0.00	Weir - 1
79.90	0.00	79.90	0.00	None Contributing
80.00	0.00	79.90	0.00	None Contributing
80.10	0.00	79.90	0.00	None Contributing
80.20	0.00	79.90	0.00	None Contributing
80.30	0.00	79.90	0.00	None Contributing
80.40	0.00	79.90	0.00	None Contributing
80.50	0.00	79.90	0.00	Weir - 1
80.60	0.46	79.90	0.00	Weir - 1
80.70	1.29	79.90	0.00	Weir - 1
80.80	2.37	79.90	0.00	Weir - 1
80.90	3.64	79.90	0.00	Weir - 1
81.00	5.09	79.90	0.00	Weir - 1
81.10	6.69	79.90	0.00	Weir - 1
81.20	8.43	79.90	0.00	Weir - 1
81.30	10.30	79.90	0.00	Weir - 1
81.40	12.29	79.90	0.00	Weir - 1
81.50	14.40	79.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.00	0.00	Weir - 1
79.90	0.00	80.00	0.00	Weir - 1
80.00	0.00	80.00	0.00	None Contributing
80.10	0.00	80.00	0.00	None Contributing
80.20	0.00	80.00	0.00	None Contributing
80.30	0.00	80.00	0.00	None Contributing
80.40	0.00	80.00	0.00	None Contributing
80.50	0.00	80.00	0.00	Weir - 1
80.60	0.46	80.00	0.00	Weir - 1
80.70	1.29	80.00	0.00	Weir - 1
80.80	2.37	80.00	0.00	Weir - 1
80.90	3.64	80.00	0.00	Weir - 1
81.00	5.09	80.00	0.00	Weir - 1
81.10	6.69	80.00	0.00	Weir - 1
81.20	8.43	80.00	0.00	Weir - 1
81.30	10.30	80.00	0.00	Weir - 1
81.40	12.29	80.00	0.00	Weir - 1
81.50	14.40	80.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.10	0.00	Weir - 1
79.90	0.00	80.10	0.00	Weir - 1
80.00	0.00	80.10	0.00	Weir - 1
80.10	0.00	80.10	0.00	None Contributing
80.20	0.00	80.10	0.00	None Contributing
80.30	0.00	80.10	0.00	None Contributing
80.40	0.00	80.10	0.00	None Contributing
80.50	0.00	80.10	0.00	Weir - 1
80.60	0.46	80.10	0.00	Weir - 1
80.70	1.29	80.10	0.00	Weir - 1
80.80	2.37	80.10	0.00	Weir - 1
80.90	3.64	80.10	0.00	Weir - 1
81.00	5.09	80.10	0.00	Weir - 1
81.10	6.69	80.10	0.00	Weir - 1
81.20	8.43	80.10	0.00	Weir - 1
81.30	10.30	80.10	0.00	Weir - 1
81.40	12.29	80.10	0.00	Weir - 1
81.50	14.40	80.10	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.20	0.00	Weir - 1
79.90	0.00	80.20	0.00	Weir - 1
80.00	0.00	80.20	0.00	Weir - 1
80.10	0.00	80.20	0.00	Weir - 1
80.20	0.00	80.20	0.00	None Contributing
80.30	0.00	80.20	0.00	None Contributing
80.40	0.00	80.20	0.00	None Contributing
80.50	0.00	80.20	0.00	Weir - 1
80.60	0.46	80.20	0.00	Weir - 1
80.70	1.29	80.20	0.00	Weir - 1
80.80	2.37	80.20	0.00	Weir - 1
80.90	3.64	80.20	0.00	Weir - 1
81.00	5.09	80.20	0.00	Weir - 1
81.10	6.69	80.20	0.00	Weir - 1
81.20	8.43	80.20	0.00	Weir - 1
81.30	10.30	80.20	0.00	Weir - 1
81.40	12.29	80.20	0.00	Weir - 1
81.50	14.40	80.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.30	0.00	Weir - 1
79.90	0.00	80.30	0.00	Weir - 1
80.00	0.00	80.30	0.00	Weir - 1
80.10	0.00	80.30	0.00	Weir - 1
80.20	0.00	80.30	0.00	Weir - 1
80.30	0.00	80.30	0.00	None Contributing
80.40	0.00	80.30	0.00	None Contributing
80.50	0.00	80.30	0.00	Weir - 1
80.60	0.46	80.30	0.00	Weir - 1
80.70	1.29	80.30	0.00	Weir - 1
80.80	2.37	80.30	0.00	Weir - 1
80.90	3.64	80.30	0.00	Weir - 1
81.00	5.09	80.30	0.00	Weir - 1
81.10	6.69	80.30	0.00	Weir - 1
81.20	8.43	80.30	0.00	Weir - 1
81.30	10.30	80.30	0.00	Weir - 1
81.40	12.29	80.30	0.00	Weir - 1
81.50	14.40	80.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.40	0.00	Weir - 1
79.90	0.00	80.40	0.00	Weir - 1
80.00	0.00	80.40	0.00	Weir - 1
80.10	0.00	80.40	0.00	Weir - 1
80.20	0.00	80.40	0.00	Weir - 1
80.30	0.00	80.40	0.00	Weir - 1
80.40	0.00	80.40	0.00	None Contributing
80.50	0.00	80.40	0.00	Weir - 1
80.60	0.46	80.40	0.00	Weir - 1
80.70	1.29	80.40	0.00	Weir - 1
80.80	2.37	80.40	0.00	Weir - 1
80.90	3.64	80.40	0.00	Weir - 1
81.00	5.09	80.40	0.00	Weir - 1
81.10	6.69	80.40	0.00	Weir - 1
81.20	8.43	80.40	0.00	Weir - 1
81.30	10.30	80.40	0.00	Weir - 1
81.40	12.29	80.40	0.00	Weir - 1
81.50	14.40	80.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.50	0.00	Weir - 1
79.90	0.00	80.50	0.00	Weir - 1
80.00	0.00	80.50	0.00	Weir - 1
80.10	0.00	80.50	0.00	Weir - 1
80.20	0.00	80.50	0.00	Weir - 1
80.30	0.00	80.50	0.00	Weir - 1
80.40	0.00	80.50	0.00	Weir - 1
80.50	0.00	80.50	0.00	Weir - 1
80.60	0.46	80.50	0.00	Weir - 1
80.70	1.29	80.50	0.00	Weir - 1
80.80	2.37	80.50	0.00	Weir - 1
80.90	3.64	80.50	0.00	Weir - 1
81.00	5.09	80.50	0.00	Weir - 1
81.10	6.69	80.50	0.00	Weir - 1
81.20	8.43	80.50	0.00	Weir - 1
81.30	10.30	80.50	0.00	Weir - 1
81.40	12.29	80.50	0.00	Weir - 1
81.50	14.40	80.50	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.60	0.00	Weir - 1
79.90	0.00	80.60	0.00	Weir - 1
80.00	0.00	80.60	0.00	Weir - 1
80.10	0.00	80.60	0.00	Weir - 1
80.20	0.00	80.60	0.00	Weir - 1
80.30	0.00	80.60	0.00	Weir - 1
80.40	0.00	80.60	0.00	Weir - 1
80.50	0.00	80.60	0.00	Weir - 1
80.60	0.00	80.60	0.00	Weir - 1
80.70	1.09	80.60	0.00	Weir - 1
80.80	2.18	80.60	0.00	Weir - 1
80.90	3.46	80.60	0.00	Weir - 1
81.00	4.91	80.60	0.00	Weir - 1
81.10	6.51	80.60	0.00	Weir - 1
81.20	8.26	80.60	0.00	Weir - 1
81.30	10.13	80.60	0.00	Weir - 1
81.40	12.12	80.60	0.00	Weir - 1
81.50	14.22	80.60	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.70	0.00	Weir - 1
79.90	0.00	80.70	0.00	Weir - 1
80.00	0.00	80.70	0.00	Weir - 1
80.10	0.00	80.70	0.00	Weir - 1
80.20	0.00	80.70	0.00	Weir - 1
80.30	0.00	80.70	0.00	Weir - 1
80.40	0.00	80.70	0.00	Weir - 1
80.50	0.00	80.70	0.00	Weir - 1
80.60	0.00	80.70	0.00	Weir - 1
80.70	0.00	80.70	0.00	Weir - 1
80.80	1.75	80.70	0.00	Weir - 1
80.90	3.08	80.70	0.00	Weir - 1
81.00	4.55	80.70	0.00	Weir - 1
81.10	6.16	80.70	0.00	Weir - 1
81.20	7.91	80.70	0.00	Weir - 1
81.30	9.79	80.70	0.00	Weir - 1
81.40	11.78	80.70	0.00	Weir - 1
81.50	13.89	80.70	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.80	0.00	Weir - 1
79.90	0.00	80.80	0.00	Weir - 1
80.00	0.00	80.80	0.00	Weir - 1
80.10	0.00	80.80	0.00	Weir - 1
80.20	0.00	80.80	0.00	Weir - 1
80.30	0.00	80.80	0.00	Weir - 1
80.40	0.00	80.80	0.00	Weir - 1
80.50	0.00	80.80	0.00	Weir - 1
80.60	0.00	80.80	0.00	Weir - 1
80.70	0.00	80.80	0.00	Weir - 1
80.80	0.00	80.80	0.00	Weir - 1
80.90	2.43	80.80	0.00	Weir - 1
81.00	4.00	80.80	0.00	Weir - 1
81.10	5.66	80.80	0.00	Weir - 1
81.20	7.43	80.80	0.00	Weir - 1
81.30	9.32	80.80	0.00	Weir - 1
81.40	11.32	80.80	0.00	Weir - 1
81.50	13.44	80.80	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	80.90	0.00	Weir - 1
79.90	0.00	80.90	0.00	Weir - 1
80.00	0.00	80.90	0.00	Weir - 1
80.10	0.00	80.90	0.00	Weir - 1
80.20	0.00	80.90	0.00	Weir - 1
80.30	0.00	80.90	0.00	Weir - 1
80.40	0.00	80.90	0.00	Weir - 1
80.50	0.00	80.90	0.00	Weir - 1
80.60	0.00	80.90	0.00	Weir - 1
80.70	0.00	80.90	0.00	Weir - 1
80.80	0.00	80.90	0.00	Weir - 1
80.90	0.00	80.90	0.00	Weir - 1
81.00	3.14	80.90	0.00	Weir - 1
81.10	4.95	80.90	0.00	Weir - 1
81.20	6.78	80.90	0.00	Weir - 1
81.30	8.71	80.90	0.00	Weir - 1
81.40	10.74	80.90	0.00	Weir - 1
81.50	12.87	80.90	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.00	0.00	Weir - 1
79.90	0.00	81.00	0.00	Weir - 1
80.00	0.00	81.00	0.00	Weir - 1
80.10	0.00	81.00	0.00	Weir - 1
80.20	0.00	81.00	0.00	Weir - 1
80.30	0.00	81.00	0.00	Weir - 1
80.40	0.00	81.00	0.00	Weir - 1
80.50	0.00	81.00	0.00	Weir - 1
80.60	0.00	81.00	0.00	Weir - 1
80.70	0.00	81.00	0.00	Weir - 1
80.80	0.00	81.00	0.00	Weir - 1
80.90	0.00	81.00	0.00	Weir - 1
81.00	0.00	81.00	0.00	Weir - 1
81.10	3.86	81.00	0.00	Weir - 1
81.20	5.91	81.00	0.00	Weir - 1
81.30	7.93	81.00	0.00	Weir - 1
81.40	10.01	81.00	0.00	Weir - 1
81.50	12.17	81.00	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.10	0.00	Weir - 1
79.90	0.00	81.10	0.00	Weir - 1
80.00	0.00	81.10	0.00	Weir - 1
80.10	0.00	81.10	0.00	Weir - 1
80.20	0.00	81.10	0.00	Weir - 1
80.30	0.00	81.10	0.00	Weir - 1
80.40	0.00	81.10	0.00	Weir - 1
80.50	0.00	81.10	0.00	Weir - 1
80.60	0.00	81.10	0.00	Weir - 1
80.70	0.00	81.10	0.00	Weir - 1
80.80	0.00	81.10	0.00	Weir - 1
80.90	0.00	81.10	0.00	Weir - 1
81.00	0.00	81.10	0.00	Weir - 1
81.10	0.00	81.10	0.00	Weir - 1
81.20	4.59	81.10	0.00	Weir - 1
81.30	6.88	81.10	0.00	Weir - 1
81.40	9.08	81.10	0.00	Weir - 1
81.50	11.32	81.10	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 7
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.20	0.00	Weir - 1
79.90	0.00	81.20	0.00	Weir - 1
80.00	0.00	81.20	0.00	Weir - 1
80.10	0.00	81.20	0.00	Weir - 1
80.20	0.00	81.20	0.00	Weir - 1
80.30	0.00	81.20	0.00	Weir - 1
80.40	0.00	81.20	0.00	Weir - 1
80.50	0.00	81.20	0.00	Weir - 1
80.60	0.00	81.20	0.00	Weir - 1
80.70	0.00	81.20	0.00	Weir - 1
80.80	0.00	81.20	0.00	Weir - 1
80.90	0.00	81.20	0.00	Weir - 1
81.00	0.00	81.20	0.00	Weir - 1
81.10	0.00	81.20	0.00	Weir - 1
81.20	0.00	81.20	0.00	Weir - 1
81.30	5.34	81.20	0.00	Weir - 1
81.40	7.87	81.20	0.00	Weir - 1
81.50	10.26	81.20	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.30	0.00	Weir - 1
79.90	0.00	81.30	0.00	Weir - 1
80.00	0.00	81.30	0.00	Weir - 1
80.10	0.00	81.30	0.00	Weir - 1
80.20	0.00	81.30	0.00	Weir - 1
80.30	0.00	81.30	0.00	Weir - 1
80.40	0.00	81.30	0.00	Weir - 1
80.50	0.00	81.30	0.00	Weir - 1
80.60	0.00	81.30	0.00	Weir - 1
80.70	0.00	81.30	0.00	Weir - 1
80.80	0.00	81.30	0.00	Weir - 1
80.90	0.00	81.30	0.00	Weir - 1
81.00	0.00	81.30	0.00	Weir - 1
81.10	0.00	81.30	0.00	Weir - 1
81.20	0.00	81.30	0.00	Weir - 1
81.30	0.00	81.30	0.00	Weir - 1
81.40	6.10	81.30	0.00	Weir - 1
81.50	8.87	81.30	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.40	0.00	Weir - 1
79.90	0.00	81.40	0.00	Weir - 1
80.00	0.00	81.40	0.00	Weir - 1
80.10	0.00	81.40	0.00	Weir - 1
80.20	0.00	81.40	0.00	Weir - 1
80.30	0.00	81.40	0.00	Weir - 1
80.40	0.00	81.40	0.00	Weir - 1
80.50	0.00	81.40	0.00	Weir - 1
80.60	0.00	81.40	0.00	Weir - 1
80.70	0.00	81.40	0.00	Weir - 1
80.80	0.00	81.40	0.00	Weir - 1
80.90	0.00	81.40	0.00	Weir - 1
81.00	0.00	81.40	0.00	Weir - 1
81.10	0.00	81.40	0.00	Weir - 1
81.20	0.00	81.40	0.00	Weir - 1
81.30	0.00	81.40	0.00	Weir - 1
81.40	0.00	81.40	0.00	Weir - 1
81.50	6.87	81.40	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.80	0.00	81.50	0.00	Weir - 1
79.90	0.00	81.50	0.00	Weir - 1
80.00	0.00	81.50	0.00	Weir - 1
80.10	0.00	81.50	0.00	Weir - 1
80.20	0.00	81.50	0.00	Weir - 1
80.30	0.00	81.50	0.00	Weir - 1
80.40	0.00	81.50	0.00	Weir - 1
80.50	0.00	81.50	0.00	Weir - 1
80.60	0.00	81.50	0.00	Weir - 1
80.70	0.00	81.50	0.00	Weir - 1
80.80	0.00	81.50	0.00	Weir - 1
80.90	0.00	81.50	0.00	Weir - 1
81.00	0.00	81.50	0.00	Weir - 1
81.10	0.00	81.50	0.00	Weir - 1
81.20	0.00	81.50	0.00	Weir - 1
81.30	0.00	81.50	0.00	Weir - 1
81.40	0.00	81.50	0.00	Weir - 1
81.50	0.00	81.50	0.00	Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.50	0.00	None Contributing
80.30	0.00	78.50	0.00	None Contributing
80.40	0.00	78.50	0.00	None Contributing
80.50	0.00	78.50	0.00	None Contributing
80.60	0.00	78.50	0.00	None Contributing
80.70	0.00	78.50	0.00	None Contributing
80.80	0.00	78.50	0.00	None Contributing
80.90	0.00	78.50	0.00	None Contributing
81.00	0.00	78.50	0.00	None Contributing
81.10	0.00	78.50	0.00	None Contributing
81.20	0.00	78.50	0.00	None Contributing
81.30	0.01	78.50	0.00	Orificer - 1
81.40	0.05	78.50	0.00	Orificer - 1
81.50	0.07	78.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.60	0.00	None Contributing
80.30	0.00	78.60	0.00	None Contributing
80.40	0.00	78.60	0.00	None Contributing
80.50	0.00	78.60	0.00	None Contributing
80.60	0.00	78.60	0.00	None Contributing
80.70	0.00	78.60	0.00	None Contributing
80.80	0.00	78.60	0.00	None Contributing
80.90	0.00	78.60	0.00	None Contributing
81.00	0.00	78.60	0.00	None Contributing
81.10	0.00	78.60	0.00	None Contributing
81.20	0.00	78.60	0.00	None Contributing
81.30	0.01	78.60	0.00	Orificer - 1
81.40	0.05	78.60	0.00	Orificer - 1
81.50	0.07	78.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.70	0.00	None Contributing
80.30	0.00	78.70	0.00	None Contributing
80.40	0.00	78.70	0.00	None Contributing
80.50	0.00	78.70	0.00	None Contributing
80.60	0.00	78.70	0.00	None Contributing
80.70	0.00	78.70	0.00	None Contributing
80.80	0.00	78.70	0.00	None Contributing
80.90	0.00	78.70	0.00	None Contributing
81.00	0.00	78.70	0.00	None Contributing
81.10	0.00	78.70	0.00	None Contributing
81.20	0.00	78.70	0.00	None Contributing
81.30	0.01	78.70	0.00	Orificer - 1
81.40	0.05	78.70	0.00	Orificer - 1
81.50	0.07	78.70	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.80	0.00	None Contributing
80.30	0.00	78.80	0.00	None Contributing
80.40	0.00	78.80	0.00	None Contributing
80.50	0.00	78.80	0.00	None Contributing
80.60	0.00	78.80	0.00	None Contributing
80.70	0.00	78.80	0.00	None Contributing
80.80	0.00	78.80	0.00	None Contributing
80.90	0.00	78.80	0.00	None Contributing
81.00	0.00	78.80	0.00	None Contributing
81.10	0.00	78.80	0.00	None Contributing
81.20	0.00	78.80	0.00	None Contributing
81.30	0.01	78.80	0.00	Orificer - 1
81.40	0.05	78.80	0.00	Orificer - 1
81.50	0.07	78.80	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	78.90	0.00	None Contributing
80.30	0.00	78.90	0.00	None Contributing
80.40	0.00	78.90	0.00	None Contributing
80.50	0.00	78.90	0.00	None Contributing
80.60	0.00	78.90	0.00	None Contributing
80.70	0.00	78.90	0.00	None Contributing
80.80	0.00	78.90	0.00	None Contributing
80.90	0.00	78.90	0.00	None Contributing
81.00	0.00	78.90	0.00	None Contributing
81.10	0.00	78.90	0.00	None Contributing
81.20	0.00	78.90	0.00	None Contributing
81.30	0.01	78.90	0.00	Orificer - 1
81.40	0.05	78.90	0.00	Orificer - 1
81.50	0.07	78.90	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.00	0.00	None Contributing
80.30	0.00	79.00	0.00	None Contributing
80.40	0.00	79.00	0.00	None Contributing
80.50	0.00	79.00	0.00	None Contributing
80.60	0.00	79.00	0.00	None Contributing
80.70	0.00	79.00	0.00	None Contributing
80.80	0.00	79.00	0.00	None Contributing
80.90	0.00	79.00	0.00	None Contributing
81.00	0.00	79.00	0.00	None Contributing
81.10	0.00	79.00	0.00	None Contributing
81.20	0.00	79.00	0.00	None Contributing
81.30	0.01	79.00	0.00	Orificer - 1
81.40	0.05	79.00	0.00	Orificer - 1
81.50	0.07	79.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.10	0.00	None Contributing
80.30	0.00	79.10	0.00	None Contributing
80.40	0.00	79.10	0.00	None Contributing
80.50	0.00	79.10	0.00	None Contributing
80.60	0.00	79.10	0.00	None Contributing
80.70	0.00	79.10	0.00	None Contributing
80.80	0.00	79.10	0.00	None Contributing
80.90	0.00	79.10	0.00	None Contributing
81.00	0.00	79.10	0.00	None Contributing
81.10	0.00	79.10	0.00	None Contributing
81.20	0.00	79.10	0.00	None Contributing
81.30	0.01	79.10	0.00	Orificer - 1
81.40	0.05	79.10	0.00	Orificer - 1
81.50	0.07	79.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.20	0.00	None Contributing
80.30	0.00	79.20	0.00	None Contributing
80.40	0.00	79.20	0.00	None Contributing
80.50	0.00	79.20	0.00	None Contributing
80.60	0.00	79.20	0.00	None Contributing
80.70	0.00	79.20	0.00	None Contributing
80.80	0.00	79.20	0.00	None Contributing
80.90	0.00	79.20	0.00	None Contributing
81.00	0.00	79.20	0.00	None Contributing
81.10	0.00	79.20	0.00	None Contributing
81.20	0.00	79.20	0.00	None Contributing
81.30	0.01	79.20	0.00	Orificer - 1
81.40	0.05	79.20	0.00	Orificer - 1
81.50	0.07	79.20	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.30	0.00	None Contributing
80.30	0.00	79.30	0.00	None Contributing
80.40	0.00	79.30	0.00	None Contributing
80.50	0.00	79.30	0.00	None Contributing
80.60	0.00	79.30	0.00	None Contributing
80.70	0.00	79.30	0.00	None Contributing
80.80	0.00	79.30	0.00	None Contributing
80.90	0.00	79.30	0.00	None Contributing
81.00	0.00	79.30	0.00	None Contributing
81.10	0.00	79.30	0.00	None Contributing
81.20	0.00	79.30	0.00	None Contributing
81.30	0.01	79.30	0.00	Orificer - 1
81.40	0.05	79.30	0.00	Orificer - 1
81.50	0.07	79.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.40	0.00	None Contributing
80.30	0.00	79.40	0.00	None Contributing
80.40	0.00	79.40	0.00	None Contributing
80.50	0.00	79.40	0.00	None Contributing
80.60	0.00	79.40	0.00	None Contributing
80.70	0.00	79.40	0.00	None Contributing
80.80	0.00	79.40	0.00	None Contributing
80.90	0.00	79.40	0.00	None Contributing
81.00	0.00	79.40	0.00	None Contributing
81.10	0.00	79.40	0.00	None Contributing
81.20	0.00	79.40	0.00	None Contributing
81.30	0.01	79.40	0.00	Orificer - 1
81.40	0.05	79.40	0.00	Orificer - 1
81.50	0.07	79.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.50	0.00	None Contributing
80.30	0.00	79.50	0.00	None Contributing
80.40	0.00	79.50	0.00	None Contributing
80.50	0.00	79.50	0.00	None Contributing
80.60	0.00	79.50	0.00	None Contributing
80.70	0.00	79.50	0.00	None Contributing
80.80	0.00	79.50	0.00	None Contributing
80.90	0.00	79.50	0.00	None Contributing
81.00	0.00	79.50	0.00	None Contributing
81.10	0.00	79.50	0.00	None Contributing
81.20	0.00	79.50	0.00	None Contributing
81.30	0.01	79.50	0.00	Orificer - 1
81.40	0.05	79.50	0.00	Orificer - 1
81.50	0.07	79.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.60	0.00	None Contributing
80.30	0.00	79.60	0.00	None Contributing
80.40	0.00	79.60	0.00	None Contributing
80.50	0.00	79.60	0.00	None Contributing
80.60	0.00	79.60	0.00	None Contributing
80.70	0.00	79.60	0.00	None Contributing
80.80	0.00	79.60	0.00	None Contributing
80.90	0.00	79.60	0.00	None Contributing
81.00	0.00	79.60	0.00	None Contributing
81.10	0.00	79.60	0.00	None Contributing
81.20	0.00	79.60	0.00	None Contributing
81.30	0.01	79.60	0.00	Orificer - 1
81.40	0.05	79.60	0.00	Orificer - 1
81.50	0.07	79.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.70	0.00	None Contributing
80.30	0.00	79.70	0.00	None Contributing
80.40	0.00	79.70	0.00	None Contributing
80.50	0.00	79.70	0.00	None Contributing
80.60	0.00	79.70	0.00	None Contributing
80.70	0.00	79.70	0.00	None Contributing
80.80	0.00	79.70	0.00	None Contributing
80.90	0.00	79.70	0.00	None Contributing
81.00	0.00	79.70	0.00	None Contributing
81.10	0.00	79.70	0.00	None Contributing
81.20	0.00	79.70	0.00	None Contributing
81.30	0.01	79.70	0.00	Orificer - 1
81.40	0.05	79.70	0.00	Orificer - 1
81.50	0.07	79.70	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.80	0.00	None Contributing
80.30	0.00	79.80	0.00	None Contributing
80.40	0.00	79.80	0.00	None Contributing
80.50	0.00	79.80	0.00	None Contributing
80.60	0.00	79.80	0.00	None Contributing
80.70	0.00	79.80	0.00	None Contributing
80.80	0.00	79.80	0.00	None Contributing
80.90	0.00	79.80	0.00	None Contributing
81.00	0.00	79.80	0.00	None Contributing
81.10	0.00	79.80	0.00	None Contributing
81.20	0.00	79.80	0.00	None Contributing
81.30	0.01	79.80	0.00	Orificer - 1
81.40	0.05	79.80	0.00	Orificer - 1
81.50	0.07	79.80	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	79.90	0.00	None Contributing
80.30	0.00	79.90	0.00	None Contributing
80.40	0.00	79.90	0.00	None Contributing
80.50	0.00	79.90	0.00	None Contributing
80.60	0.00	79.90	0.00	None Contributing
80.70	0.00	79.90	0.00	None Contributing
80.80	0.00	79.90	0.00	None Contributing
80.90	0.00	79.90	0.00	None Contributing
81.00	0.00	79.90	0.00	None Contributing
81.10	0.00	79.90	0.00	None Contributing
81.20	0.00	79.90	0.00	None Contributing
81.30	0.01	79.90	0.00	Orificer - 1
81.40	0.05	79.90	0.00	Orificer - 1
81.50	0.07	79.90	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.00	0.00	None Contributing
80.30	0.00	80.00	0.00	None Contributing
80.40	0.00	80.00	0.00	None Contributing
80.50	0.00	80.00	0.00	None Contributing
80.60	0.00	80.00	0.00	None Contributing
80.70	0.00	80.00	0.00	None Contributing
80.80	0.00	80.00	0.00	None Contributing
80.90	0.00	80.00	0.00	None Contributing
81.00	0.00	80.00	0.00	None Contributing
81.10	0.00	80.00	0.00	None Contributing
81.20	0.00	80.00	0.00	None Contributing
81.30	0.01	80.00	0.00	Orificer - 1
81.40	0.05	80.00	0.00	Orificer - 1
81.50	0.07	80.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.10	0.00	None Contributing
80.30	0.00	80.10	0.00	None Contributing
80.40	0.00	80.10	0.00	None Contributing
80.50	0.00	80.10	0.00	None Contributing
80.60	0.00	80.10	0.00	None Contributing
80.70	0.00	80.10	0.00	None Contributing
80.80	0.00	80.10	0.00	None Contributing
80.90	0.00	80.10	0.00	None Contributing
81.00	0.00	80.10	0.00	None Contributing
81.10	0.00	80.10	0.00	None Contributing
81.20	0.00	80.10	0.00	None Contributing
81.30	0.01	80.10	0.00	Orificer - 1
81.40	0.05	80.10	0.00	Orificer - 1
81.50	0.07	80.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.20	0.00	None Contributing
80.30	0.00	80.20	0.00	None Contributing
80.40	0.00	80.20	0.00	None Contributing
80.50	0.00	80.20	0.00	None Contributing
80.60	0.00	80.20	0.00	None Contributing
80.70	0.00	80.20	0.00	None Contributing
80.80	0.00	80.20	0.00	None Contributing
80.90	0.00	80.20	0.00	None Contributing
81.00	0.00	80.20	0.00	None Contributing
81.10	0.00	80.20	0.00	None Contributing
81.20	0.00	80.20	0.00	None Contributing
81.30	0.01	80.20	0.00	Orificer - 1
81.40	0.05	80.20	0.00	Orificer - 1
81.50	0.07	80.20	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.30	0.00	Orificer - 1
80.30	0.00	80.30	0.00	None Contributing
80.40	0.00	80.30	0.00	None Contributing
80.50	0.00	80.30	0.00	None Contributing
80.60	0.00	80.30	0.00	None Contributing
80.70	0.00	80.30	0.00	None Contributing
80.80	0.00	80.30	0.00	None Contributing
80.90	0.00	80.30	0.00	None Contributing
81.00	0.00	80.30	0.00	None Contributing
81.10	0.00	80.30	0.00	None Contributing
81.20	0.00	80.30	0.00	None Contributing
81.30	0.01	80.30	0.00	Orificer - 1
81.40	0.05	80.30	0.00	Orificer - 1
81.50	0.07	80.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.40	0.00	Orificer - 1
80.30	0.00	80.40	0.00	Orificer - 1
80.40	0.00	80.40	0.00	None Contributing
80.50	0.00	80.40	0.00	None Contributing
80.60	0.00	80.40	0.00	None Contributing
80.70	0.00	80.40	0.00	None Contributing
80.80	0.00	80.40	0.00	None Contributing
80.90	0.00	80.40	0.00	None Contributing
81.00	0.00	80.40	0.00	None Contributing
81.10	0.00	80.40	0.00	None Contributing
81.20	0.00	80.40	0.00	None Contributing
81.30	0.01	80.40	0.00	Orificer - 1
81.40	0.05	80.40	0.00	Orificer - 1
81.50	0.07	80.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.50	0.00	Orificer - 1
80.30	0.00	80.50	0.00	Orificer - 1
80.40	0.00	80.50	0.00	Orificer - 1
80.50	0.00	80.50	0.00	None Contributing
80.60	0.00	80.50	0.00	None Contributing
80.70	0.00	80.50	0.00	None Contributing
80.80	0.00	80.50	0.00	None Contributing
80.90	0.00	80.50	0.00	None Contributing
81.00	0.00	80.50	0.00	None Contributing
81.10	0.00	80.50	0.00	None Contributing
81.20	0.00	80.50	0.00	None Contributing
81.30	0.01	80.50	0.00	Orificer - 1
81.40	0.05	80.50	0.00	Orificer - 1
81.50	0.07	80.50	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.60	0.00	Orificer - 1
80.30	0.00	80.60	0.00	Orificer - 1
80.40	0.00	80.60	0.00	Orificer - 1
80.50	0.00	80.60	0.00	Orificer - 1
80.60	0.00	80.60	0.00	None Contributing
80.70	0.00	80.60	0.00	None Contributing
80.80	0.00	80.60	0.00	None Contributing
80.90	0.00	80.60	0.00	None Contributing
81.00	0.00	80.60	0.00	None Contributing
81.10	0.00	80.60	0.00	None Contributing
81.20	0.00	80.60	0.00	None Contributing
81.30	0.01	80.60	0.00	Orificer - 1
81.40	0.05	80.60	0.00	Orificer - 1
81.50	0.07	80.60	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.70	0.00	Orificer - 1
80.30	0.00	80.70	0.00	Orificer - 1
80.40	0.00	80.70	0.00	Orificer - 1
80.50	0.00	80.70	0.00	Orificer - 1
80.60	0.00	80.70	0.00	Orificer - 1
80.70	0.00	80.70	0.00	None Contributing
80.80	0.00	80.70	0.00	None Contributing
80.90	0.00	80.70	0.00	None Contributing
81.00	0.00	80.70	0.00	None Contributing
81.10	0.00	80.70	0.00	None Contributing
81.20	0.00	80.70	0.00	None Contributing
81.30	0.01	80.70	0.00	Orificer - 1
81.40	0.05	80.70	0.00	Orificer - 1
81.50	0.07	80.70	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.80	0.00	Orificer - 1
80.30	0.00	80.80	0.00	Orificer - 1
80.40	0.00	80.80	0.00	Orificer - 1
80.50	0.00	80.80	0.00	Orificer - 1
80.60	0.00	80.80	0.00	Orificer - 1
80.70	0.00	80.80	0.00	Orificer - 1
80.80	0.00	80.80	0.00	None Contributing
80.90	0.00	80.80	0.00	None Contributing
81.00	0.00	80.80	0.00	None Contributing
81.10	0.00	80.80	0.00	None Contributing
81.20	0.00	80.80	0.00	None Contributing
81.30	0.01	80.80	0.00	Orificer - 1
81.40	0.05	80.80	0.00	Orificer - 1
81.50	0.07	80.80	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	80.90	0.00	Orificer - 1
80.30	0.00	80.90	0.00	Orificer - 1
80.40	0.00	80.90	0.00	Orificer - 1
80.50	0.00	80.90	0.00	Orificer - 1
80.60	0.00	80.90	0.00	Orificer - 1
80.70	0.00	80.90	0.00	Orificer - 1
80.80	0.00	80.90	0.00	Orificer - 1
80.90	0.00	80.90	0.00	None Contributing
81.00	0.00	80.90	0.00	None Contributing
81.10	0.00	80.90	0.00	None Contributing
81.20	0.00	80.90	0.00	None Contributing
81.30	0.01	80.90	0.00	Orificer - 1
81.40	0.05	80.90	0.00	Orificer - 1
81.50	0.07	80.90	0.00	Orificer - 1

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 8
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.00	0.00	Orificer - 1
80.30	0.00	81.00	0.00	Orificer - 1
80.40	0.00	81.00	0.00	Orificer - 1
80.50	0.00	81.00	0.00	Orificer - 1
80.60	0.00	81.00	0.00	Orificer - 1
80.70	0.00	81.00	0.00	Orificer - 1
80.80	0.00	81.00	0.00	Orificer - 1
80.90	0.00	81.00	0.00	Orificer - 1
81.00	0.00	81.00	0.00	None Contributing
81.10	0.00	81.00	0.00	None Contributing
81.20	0.00	81.00	0.00	None Contributing
81.30	0.01	81.00	0.00	Orificer - 1
81.40	0.05	81.00	0.00	Orificer - 1
81.50	0.07	81.00	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.10	0.00	Orificer - 1
80.30	0.00	81.10	0.00	Orificer - 1
80.40	0.00	81.10	0.00	Orificer - 1
80.50	0.00	81.10	0.00	Orificer - 1
80.60	0.00	81.10	0.00	Orificer - 1
80.70	0.00	81.10	0.00	Orificer - 1
80.80	0.00	81.10	0.00	Orificer - 1
80.90	0.00	81.10	0.00	Orificer - 1
81.00	0.00	81.10	0.00	Orificer - 1
81.10	0.00	81.10	0.00	None Contributing
81.20	0.00	81.10	0.00	None Contributing
81.30	0.01	81.10	0.00	Orificer - 1
81.40	0.05	81.10	0.00	Orificer - 1
81.50	0.07	81.10	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.20	0.00	Orificer - 1
80.30	0.00	81.20	0.00	Orificer - 1
80.40	0.00	81.20	0.00	Orificer - 1
80.50	0.00	81.20	0.00	Orificer - 1
80.60	0.00	81.20	0.00	Orificer - 1
80.70	0.00	81.20	0.00	Orificer - 1
80.80	0.00	81.20	0.00	Orificer - 1
80.90	0.00	81.20	0.00	Orificer - 1
81.00	0.00	81.20	0.00	Orificer - 1
81.10	0.00	81.20	0.00	Orificer - 1
81.20	0.00	81.20	0.00	None Contributing
81.30	0.01	81.20	0.00	Orificer - 1
81.40	0.05	81.20	0.00	Orificer - 1
81.50	0.07	81.20	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.30	0.00	Orificer - 1
80.30	0.00	81.30	0.00	Orificer - 1
80.40	0.00	81.30	0.00	Orificer - 1
80.50	0.00	81.30	0.00	Orificer - 1
80.60	0.00	81.30	0.00	Orificer - 1
80.70	0.00	81.30	0.00	Orificer - 1
80.80	0.00	81.30	0.00	Orificer - 1
80.90	0.00	81.30	0.00	Orificer - 1
81.00	0.00	81.30	0.00	Orificer - 1
81.10	0.00	81.30	0.00	Orificer - 1
81.20	0.00	81.30	0.00	Orificer - 1
81.30	0.00	81.30	0.00	Orificer - 1
81.40	0.05	81.30	0.00	Orificer - 1
81.50	0.07	81.30	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.40	0.00	Orificer - 1
80.30	0.00	81.40	0.00	Orificer - 1
80.40	0.00	81.40	0.00	Orificer - 1
80.50	0.00	81.40	0.00	Orificer - 1
80.60	0.00	81.40	0.00	Orificer - 1
80.70	0.00	81.40	0.00	Orificer - 1
80.80	0.00	81.40	0.00	Orificer - 1
80.90	0.00	81.40	0.00	Orificer - 1
81.00	0.00	81.40	0.00	Orificer - 1
81.10	0.00	81.40	0.00	Orificer - 1
81.20	0.00	81.40	0.00	Orificer - 1
81.30	0.00	81.40	0.00	Orificer - 1
81.40	0.00	81.40	0.00	Orificer - 1
81.50	0.05	81.40	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.20	0.00	81.50	0.00	Orificer - 1
80.30	0.00	81.50	0.00	Orificer - 1
80.40	0.00	81.50	0.00	Orificer - 1
80.50	0.00	81.50	0.00	Orificer - 1
80.60	0.00	81.50	0.00	Orificer - 1
80.70	0.00	81.50	0.00	Orificer - 1
80.80	0.00	81.50	0.00	Orificer - 1
80.90	0.00	81.50	0.00	Orificer - 1
81.00	0.00	81.50	0.00	Orificer - 1
81.10	0.00	81.50	0.00	Orificer - 1
81.20	0.00	81.50	0.00	Orificer - 1
81.30	0.00	81.50	0.00	Orificer - 1
81.40	0.00	81.50	0.00	Orificer - 1
81.50	0.00	81.50	0.00	Orificer - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
80.50	0.00	(N/A)	0.00	None Contributing
80.60	0.00	(N/A)	0.00	None Contributing
80.70	0.00	(N/A)	0.00	None Contributing
80.80	0.00	(N/A)	0.00	None Contributing
80.90	0.00	(N/A)	0.00	None Contributing
81.00	0.00	(N/A)	0.00	None Contributing
81.10	0.00	(N/A)	0.00	None Contributing
81.20	0.00	(N/A)	0.00	None Contributing
81.30	0.00	(N/A)	0.00	None Contributing
81.40	0.00	(N/A)	0.00	None Contributing
81.50	0.00	(N/A)	0.00	Weir - 1
81.60	5.06	(N/A)	0.00	Weir - 1
81.70	14.31	(N/A)	0.00	Weir - 1
81.80	26.29	(N/A)	0.00	Weir - 1
81.90	40.48	(N/A)	0.00	Weir - 1
82.00	56.57	(N/A)	0.00	Weir - 1
82.10	74.36	(N/A)	0.00	Weir - 1
82.20	93.71	(N/A)	0.00	Weir - 1
82.30	114.49	(N/A)	0.00	Weir - 1
82.40	136.61	(N/A)	0.00	Weir - 1
82.50	160.00	(N/A)	0.00	Weir - 1

Subsection: Composite Rating Curve
Label: OCS - A
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
77.00	0.00	(N/A)	0.00	None Contributing
77.10	0.00	(N/A)	0.00	None Contributing
77.20	0.00	(N/A)	0.00	None Contributing
77.22	0.00	(N/A)	0.00	None Contributing
77.30	0.01	(N/A)	0.00	Orifice - 1
77.40	0.04	(N/A)	0.00	Orifice - 1
77.50	0.07	(N/A)	0.00	Orifice - 1
77.60	0.09	(N/A)	0.00	Orifice - 1
77.70	0.10	(N/A)	0.00	Orifice - 1
77.80	0.11	(N/A)	0.00	Orifice - 1
77.90	0.12	(N/A)	0.00	Orifice - 1
78.00	0.13	(N/A)	0.00	Orifice - 1
78.10	0.14	(N/A)	0.00	Orifice - 1
78.20	0.15	(N/A)	0.00	Orifice - 1
78.30	0.16	(N/A)	0.00	Orifice - 1
78.40	0.17	(N/A)	0.00	Orifice - 1
78.50	0.18	(N/A)	0.00	Orifice - 1
78.60	0.19	(N/A)	0.00	Orifice - 1
78.70	0.19	(N/A)	0.00	Orifice - 1
78.80	0.20	(N/A)	0.00	Orifice - 1
78.90	0.21	(N/A)	0.00	Orifice - 1
79.00	0.21	(N/A)	0.00	Orifice - 1
79.10	0.22	(N/A)	0.00	Orifice - 1
79.20	0.22	(N/A)	0.00	Orifice - 1
79.30	0.23	(N/A)	0.00	Orifice - 1
79.40	0.24	(N/A)	0.00	Orifice - 1
79.50	0.24	(N/A)	0.00	Orifice - 1
79.60	0.25	(N/A)	0.00	Orifice - 1
79.70	0.25	(N/A)	0.00	Orifice - 1
79.80	0.26	(N/A)	0.00	Orifice - 1
79.90	0.26	(N/A)	0.00	Orifice - 1
80.00	0.27	(N/A)	0.00	Orifice - 1
80.10	0.27	(N/A)	0.00	Orifice - 1
80.20	0.28	(N/A)	0.00	Orifice - 1
80.30	0.28	(N/A)	0.00	Orifice - 1
80.40	0.29	(N/A)	0.00	Orifice - 1
80.50	0.29	(N/A)	0.00	Orifice - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
78.50	0.00	(N/A)	0.00	None Contributing
78.60	0.00	(N/A)	0.00	None Contributing
78.70	0.02	(N/A)	0.00	Orifice - 1
78.80	0.06	(N/A)	0.00	Orifice - 1
78.90	0.10	(N/A)	0.00	Orifice - 1
79.00	0.12	(N/A)	0.00	Orifice - 1
79.10	0.14	(N/A)	0.00	Orifice - 1
79.20	0.16	(N/A)	0.00	Orifice - 1
79.30	0.18	(N/A)	0.00	Orifice - 1
79.40	0.19	(N/A)	0.00	Orifice - 1 + Weir - 1
79.50	0.41	(N/A)	0.00	Orifice - 1 + Weir - 1
79.60	0.79	(N/A)	0.00	Orifice - 1 + Weir - 1
79.63	0.93	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.70	1.43	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.80	2.42	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
79.90	3.64	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.00	5.04	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.10	6.60	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.20	8.31	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.30	10.15	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.40	12.11	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.50	14.19	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.60	16.38	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.70	18.67	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.80	21.07	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
80.90	23.56	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.00	26.14	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.10	28.81	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.20	31.57	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.30	34.41	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.40	37.33	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2
81.50	40.33	(N/A)	0.00	Orifice - 1 + Weir - 1 + Weir - 2

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.50	0.00	None Contributing
79.57	0.00	78.50	0.00	None Contributing
79.60	0.00	78.50	0.00	Orifice - 1
79.70	0.02	78.50	0.00	Orifice - 1
79.80	0.06	78.50	0.00	Orifice - 1
79.90	0.08	78.50	0.00	Orifice - 1
80.00	0.09	78.50	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.50	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.50	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.50	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.50	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.50	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.50	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.50	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.50	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.50	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.50	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.50	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.50	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.50	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.50	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.60	0.00	None Contributing
79.57	0.00	78.60	0.00	None Contributing
79.60	0.00	78.60	0.00	Orifice - 1
79.70	0.02	78.60	0.00	Orifice - 1
79.80	0.06	78.60	0.00	Orifice - 1
79.90	0.08	78.60	0.00	Orifice - 1
80.00	0.09	78.60	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.60	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.60	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.60	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.60	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.60	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.60	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.60	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.60	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.60	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.60	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.60	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.60	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.60	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.60	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.60	0.00	Orifice - 1 + Weir - 1

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.70	0.00	None Contributing
79.57	0.00	78.70	0.00	None Contributing
79.60	0.00	78.70	0.00	Orifice - 1
79.70	0.02	78.70	0.00	Orifice - 1
79.80	0.06	78.70	0.00	Orifice - 1
79.90	0.08	78.70	0.00	Orifice - 1
80.00	0.09	78.70	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.70	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.70	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.70	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.70	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.70	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.70	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.70	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.70	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.70	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.70	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.70	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.70	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.70	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.70	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.80	0.00	None Contributing
79.57	0.00	78.80	0.00	None Contributing
79.60	0.00	78.80	0.00	Orifice - 1
79.70	0.02	78.80	0.00	Orifice - 1
79.80	0.06	78.80	0.00	Orifice - 1
79.90	0.08	78.80	0.00	Orifice - 1
80.00	0.09	78.80	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.80	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.80	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.80	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.80	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.80	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.80	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.80	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.80	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.80	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.80	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.80	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.80	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.80	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.80	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	78.90	0.00	None Contributing
79.57	0.00	78.90	0.00	None Contributing
79.60	0.00	78.90	0.00	Orifice - 1
79.70	0.02	78.90	0.00	Orifice - 1
79.80	0.06	78.90	0.00	Orifice - 1
79.90	0.08	78.90	0.00	Orifice - 1
80.00	0.09	78.90	0.00	Orifice - 1 + Weir - 1
80.10	0.18	78.90	0.00	Orifice - 1 + Weir - 1
80.20	0.33	78.90	0.00	Orifice - 1 + Weir - 1
80.30	0.52	78.90	0.00	Orifice - 1 + Weir - 1
80.40	0.75	78.90	0.00	Orifice - 1 + Weir - 1
80.50	1.00	78.90	0.00	Orifice - 1 + Weir - 1
80.60	1.27	78.90	0.00	Orifice - 1 + Weir - 1
80.70	1.57	78.90	0.00	Orifice - 1 + Weir - 1
80.80	1.89	78.90	0.00	Orifice - 1 + Weir - 1
80.90	2.23	78.90	0.00	Orifice - 1 + Weir - 1
81.00	2.59	78.90	0.00	Orifice - 1 + Weir - 1
81.10	2.96	78.90	0.00	Orifice - 1 + Weir - 1
81.20	3.36	78.90	0.00	Orifice - 1 + Weir - 1
81.30	3.77	78.90	0.00	Orifice - 1 + Weir - 1
81.40	4.19	78.90	0.00	Orifice - 1 + Weir - 1
81.50	4.63	78.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.00	0.00	None Contributing
79.57	0.00	79.00	0.00	None Contributing
79.60	0.00	79.00	0.00	Orifice - 1
79.70	0.02	79.00	0.00	Orifice - 1
79.80	0.06	79.00	0.00	Orifice - 1
79.90	0.08	79.00	0.00	Orifice - 1
80.00	0.09	79.00	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.00	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.00	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.00	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.00	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.00	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.00	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.00	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.00	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.00	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.00	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.00	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.00	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.00	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.00	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.00	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.10	0.00	None Contributing
79.57	0.00	79.10	0.00	None Contributing
79.60	0.00	79.10	0.00	Orifice - 1
79.70	0.02	79.10	0.00	Orifice - 1
79.80	0.06	79.10	0.00	Orifice - 1
79.90	0.08	79.10	0.00	Orifice - 1
80.00	0.09	79.10	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.10	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.10	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.10	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.10	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.10	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.10	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.10	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.10	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.10	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.10	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.10	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.10	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.10	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.10	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.10	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.20	0.00	None Contributing
79.57	0.00	79.20	0.00	None Contributing
79.60	0.00	79.20	0.00	Orifice - 1
79.70	0.02	79.20	0.00	Orifice - 1
79.80	0.06	79.20	0.00	Orifice - 1
79.90	0.08	79.20	0.00	Orifice - 1
80.00	0.09	79.20	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.20	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.20	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.20	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.20	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.20	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.20	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.20	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.20	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.20	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.20	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.20	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.20	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.20	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.20	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.20	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.30	0.00	None Contributing
79.57	0.00	79.30	0.00	None Contributing
79.60	0.00	79.30	0.00	Orifice - 1
79.70	0.02	79.30	0.00	Orifice - 1
79.80	0.06	79.30	0.00	Orifice - 1
79.90	0.08	79.30	0.00	Orifice - 1
80.00	0.09	79.30	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.30	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.30	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.30	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.30	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.30	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.30	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.30	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.30	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.30	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.30	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.30	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.30	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.30	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.30	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.30	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.40	0.00	None Contributing
79.57	0.00	79.40	0.00	None Contributing
79.60	0.00	79.40	0.00	Orifice - 1
79.70	0.02	79.40	0.00	Orifice - 1
79.80	0.06	79.40	0.00	Orifice - 1
79.90	0.08	79.40	0.00	Orifice - 1
80.00	0.09	79.40	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.40	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.40	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.40	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.40	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.40	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.40	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.40	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.40	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.40	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.40	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.40	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.40	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.40	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.40	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.40	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.50	0.00	None Contributing
79.57	0.00	79.50	0.00	None Contributing
79.60	0.00	79.50	0.00	Orifice - 1
79.70	0.02	79.50	0.00	Orifice - 1
79.80	0.06	79.50	0.00	Orifice - 1
79.90	0.08	79.50	0.00	Orifice - 1
80.00	0.09	79.50	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.50	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.50	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.50	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.50	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.50	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.50	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.50	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.50	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.50	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.50	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.50	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.50	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.50	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.50	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.57	0.00	Orifice - 1
79.57	0.00	79.57	0.00	None Contributing
79.60	0.00	79.57	0.00	Orifice - 1
79.70	0.02	79.57	0.00	Orifice - 1
79.80	0.06	79.57	0.00	Orifice - 1
79.90	0.08	79.57	0.00	Orifice - 1
80.00	0.09	79.57	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.57	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.57	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.57	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.57	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.57	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.57	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.57	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.57	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.57	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.57	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.57	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.57	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.57	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.57	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.57	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.60	0.00	Orifice - 1
79.57	0.00	79.60	0.00	Orifice - 1
79.60	0.00	79.60	0.00	Orifice - 1
79.70	0.02	79.60	0.00	Orifice - 1
79.80	0.06	79.60	0.00	Orifice - 1
79.90	0.08	79.60	0.00	Orifice - 1
80.00	0.09	79.60	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.60	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.60	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.60	0.00	Orifice - 1 + Weir - 1
80.40	0.75	79.60	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.60	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.60	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.60	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.60	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.60	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.60	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.60	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.60	0.00	Orifice - 1 + Weir - 1
81.30	3.77	79.60	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.60	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.60	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.70	0.00	Orifice - 1
79.57	0.00	79.70	0.00	Orifice - 1
79.60	0.00	79.70	0.00	Orifice - 1
79.70	0.00	79.70	0.00	Orifice - 1
79.80	0.05	79.70	0.00	Orifice - 1
79.90	0.07	79.70	0.00	Orifice - 1
80.00	0.09	79.70	0.00	Orifice - 1 + Weir - 1
80.10	0.18	79.70	0.00	Orifice - 1 + Weir - 1
80.20	0.33	79.70	0.00	Orifice - 1 + Weir - 1
80.30	0.52	79.70	0.00	Orifice - 1 + Weir - 1
80.40	0.74	79.70	0.00	Orifice - 1 + Weir - 1
80.50	1.00	79.70	0.00	Orifice - 1 + Weir - 1
80.60	1.27	79.70	0.00	Orifice - 1 + Weir - 1
80.70	1.57	79.70	0.00	Orifice - 1 + Weir - 1
80.80	1.89	79.70	0.00	Orifice - 1 + Weir - 1
80.90	2.23	79.70	0.00	Orifice - 1 + Weir - 1
81.00	2.59	79.70	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.70	0.00	Orifice - 1 + Weir - 1
81.20	3.36	79.70	0.00	Orifice - 1 + Weir - 1
81.30	3.76	79.70	0.00	Orifice - 1 + Weir - 1
81.40	4.19	79.70	0.00	Orifice - 1 + Weir - 1
81.50	4.63	79.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.80	0.00	Orifice - 1
79.57	0.00	79.80	0.00	Orifice - 1
79.60	0.00	79.80	0.00	Orifice - 1
79.70	0.00	79.80	0.00	Orifice - 1
79.80	0.00	79.80	0.00	Orifice - 1
79.90	0.05	79.80	0.00	Orifice - 1
80.00	0.07	79.80	0.00	Orifice - 1 + Weir - 1
80.10	0.17	79.80	0.00	Orifice - 1 + Weir - 1
80.20	0.32	79.80	0.00	Orifice - 1 + Weir - 1
80.30	0.51	79.80	0.00	Orifice - 1 + Weir - 1
80.40	0.73	79.80	0.00	Orifice - 1 + Weir - 1
80.50	0.99	79.80	0.00	Orifice - 1 + Weir - 1
80.60	1.26	79.80	0.00	Orifice - 1 + Weir - 1
80.70	1.56	79.80	0.00	Orifice - 1 + Weir - 1
80.80	1.88	79.80	0.00	Orifice - 1 + Weir - 1
80.90	2.22	79.80	0.00	Orifice - 1 + Weir - 1
81.00	2.58	79.80	0.00	Orifice - 1 + Weir - 1
81.10	2.96	79.80	0.00	Orifice - 1 + Weir - 1
81.20	3.35	79.80	0.00	Orifice - 1 + Weir - 1
81.30	3.76	79.80	0.00	Orifice - 1 + Weir - 1
81.40	4.18	79.80	0.00	Orifice - 1 + Weir - 1
81.50	4.62	79.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	79.90	0.00	Orifice - 1
79.57	0.00	79.90	0.00	Orifice - 1
79.60	0.00	79.90	0.00	Orifice - 1
79.70	0.00	79.90	0.00	Orifice - 1
79.80	0.00	79.90	0.00	Orifice - 1
79.90	0.00	79.90	0.00	Orifice - 1
80.00	0.05	79.90	0.00	Orifice - 1 + Weir - 1
80.10	0.15	79.90	0.00	Orifice - 1 + Weir - 1
80.20	0.30	79.90	0.00	Orifice - 1 + Weir - 1
80.30	0.50	79.90	0.00	Orifice - 1 + Weir - 1
80.40	0.72	79.90	0.00	Orifice - 1 + Weir - 1
80.50	0.98	79.90	0.00	Orifice - 1 + Weir - 1
80.60	1.25	79.90	0.00	Orifice - 1 + Weir - 1
80.70	1.55	79.90	0.00	Orifice - 1 + Weir - 1
80.80	1.87	79.90	0.00	Orifice - 1 + Weir - 1
80.90	2.21	79.90	0.00	Orifice - 1 + Weir - 1
81.00	2.57	79.90	0.00	Orifice - 1 + Weir - 1
81.10	2.95	79.90	0.00	Orifice - 1 + Weir - 1
81.20	3.34	79.90	0.00	Orifice - 1 + Weir - 1
81.30	3.75	79.90	0.00	Orifice - 1 + Weir - 1
81.40	4.18	79.90	0.00	Orifice - 1 + Weir - 1
81.50	4.62	79.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.00	0.00	Orifice - 1
79.57	0.00	80.00	0.00	Orifice - 1
79.60	0.00	80.00	0.00	Orifice - 1
79.70	0.00	80.00	0.00	Orifice - 1
79.80	0.00	80.00	0.00	Orifice - 1
79.90	0.00	80.00	0.00	Orifice - 1
80.00	0.00	80.00	0.00	Orifice - 1 + Weir - 1
80.10	0.13	80.00	0.00	Orifice - 1 + Weir - 1
80.20	0.29	80.00	0.00	Orifice - 1 + Weir - 1
80.30	0.48	80.00	0.00	Orifice - 1 + Weir - 1
80.40	0.71	80.00	0.00	Orifice - 1 + Weir - 1
80.50	0.96	80.00	0.00	Orifice - 1 + Weir - 1
80.60	1.24	80.00	0.00	Orifice - 1 + Weir - 1
80.70	1.54	80.00	0.00	Orifice - 1 + Weir - 1
80.80	1.86	80.00	0.00	Orifice - 1 + Weir - 1
80.90	2.20	80.00	0.00	Orifice - 1 + Weir - 1
81.00	2.56	80.00	0.00	Orifice - 1 + Weir - 1
81.10	2.94	80.00	0.00	Orifice - 1 + Weir - 1
81.20	3.33	80.00	0.00	Orifice - 1 + Weir - 1
81.30	3.74	80.00	0.00	Orifice - 1 + Weir - 1
81.40	4.17	80.00	0.00	Orifice - 1 + Weir - 1
81.50	4.61	80.00	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.10	0.00	Orifice - 1
79.57	0.00	80.10	0.00	Orifice - 1
79.60	0.00	80.10	0.00	Orifice - 1
79.70	0.00	80.10	0.00	Orifice - 1
79.80	0.00	80.10	0.00	Orifice - 1
79.90	0.00	80.10	0.00	Orifice - 1
80.00	0.00	80.10	0.00	Orifice - 1
80.10	0.00	80.10	0.00	Orifice - 1 + Weir - 1
80.20	0.23	80.10	0.00	Orifice - 1 + Weir - 1
80.30	0.44	80.10	0.00	Orifice - 1 + Weir - 1
80.40	0.67	80.10	0.00	Orifice - 1 + Weir - 1
80.50	0.92	80.10	0.00	Orifice - 1 + Weir - 1
80.60	1.20	80.10	0.00	Orifice - 1 + Weir - 1
80.70	1.50	80.10	0.00	Orifice - 1 + Weir - 1
80.80	1.82	80.10	0.00	Orifice - 1 + Weir - 1
80.90	2.17	80.10	0.00	Orifice - 1 + Weir - 1
81.00	2.53	80.10	0.00	Orifice - 1 + Weir - 1
81.10	2.90	80.10	0.00	Orifice - 1 + Weir - 1
81.20	3.30	80.10	0.00	Orifice - 1 + Weir - 1
81.30	3.71	80.10	0.00	Orifice - 1 + Weir - 1
81.40	4.13	80.10	0.00	Orifice - 1 + Weir - 1
81.50	4.57	80.10	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.20	0.00	Orifice - 1
79.57	0.00	80.20	0.00	Orifice - 1
79.60	0.00	80.20	0.00	Orifice - 1
79.70	0.00	80.20	0.00	Orifice - 1
79.80	0.00	80.20	0.00	Orifice - 1
79.90	0.00	80.20	0.00	Orifice - 1
80.00	0.00	80.20	0.00	Orifice - 1
80.10	0.00	80.20	0.00	Orifice - 1
80.20	0.00	80.20	0.00	Orifice - 1 + Weir - 1
80.30	0.34	80.20	0.00	Orifice - 1 + Weir - 1
80.40	0.59	80.20	0.00	Orifice - 1 + Weir - 1
80.50	0.85	80.20	0.00	Orifice - 1 + Weir - 1
80.60	1.13	80.20	0.00	Orifice - 1 + Weir - 1
80.70	1.43	80.20	0.00	Orifice - 1 + Weir - 1
80.80	1.76	80.20	0.00	Orifice - 1 + Weir - 1
80.90	2.10	80.20	0.00	Orifice - 1 + Weir - 1
81.00	2.46	80.20	0.00	Orifice - 1 + Weir - 1
81.10	2.84	80.20	0.00	Orifice - 1 + Weir - 1
81.20	3.23	80.20	0.00	Orifice - 1 + Weir - 1
81.30	3.65	80.20	0.00	Orifice - 1 + Weir - 1
81.40	4.07	80.20	0.00	Orifice - 1 + Weir - 1
81.50	4.51	80.20	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.30	0.00	Orifice - 1
79.57	0.00	80.30	0.00	Orifice - 1
79.60	0.00	80.30	0.00	Orifice - 1
79.70	0.00	80.30	0.00	Orifice - 1
79.80	0.00	80.30	0.00	Orifice - 1
79.90	0.00	80.30	0.00	Orifice - 1
80.00	0.00	80.30	0.00	Orifice - 1
80.10	0.00	80.30	0.00	Orifice - 1
80.20	0.00	80.30	0.00	Orifice - 1
80.30	0.00	80.30	0.00	Orifice - 1 + Weir - 1
80.40	0.46	80.30	0.00	Orifice - 1 + Weir - 1
80.50	0.74	80.30	0.00	Orifice - 1 + Weir - 1
80.60	1.03	80.30	0.00	Orifice - 1 + Weir - 1
80.70	1.34	80.30	0.00	Orifice - 1 + Weir - 1
80.80	1.67	80.30	0.00	Orifice - 1 + Weir - 1
80.90	2.01	80.30	0.00	Orifice - 1 + Weir - 1
81.00	2.38	80.30	0.00	Orifice - 1 + Weir - 1
81.10	2.76	80.30	0.00	Orifice - 1 + Weir - 1
81.20	3.15	80.30	0.00	Orifice - 1 + Weir - 1
81.30	3.56	80.30	0.00	Orifice - 1 + Weir - 1
81.40	3.99	80.30	0.00	Orifice - 1 + Weir - 1
81.50	4.43	80.30	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.40	0.00	Orifice - 1
79.57	0.00	80.40	0.00	Orifice - 1
79.60	0.00	80.40	0.00	Orifice - 1
79.70	0.00	80.40	0.00	Orifice - 1
79.80	0.00	80.40	0.00	Orifice - 1
79.90	0.00	80.40	0.00	Orifice - 1
80.00	0.00	80.40	0.00	Orifice - 1
80.10	0.00	80.40	0.00	Orifice - 1
80.20	0.00	80.40	0.00	Orifice - 1
80.30	0.00	80.40	0.00	Orifice - 1
80.40	0.00	80.40	0.00	Orifice - 1 + Weir - 1
80.50	0.57	80.40	0.00	Orifice - 1 + Weir - 1
80.60	0.90	80.40	0.00	Orifice - 1 + Weir - 1
80.70	1.22	80.40	0.00	Orifice - 1 + Weir - 1
80.80	1.56	80.40	0.00	Orifice - 1 + Weir - 1
80.90	1.91	80.40	0.00	Orifice - 1 + Weir - 1
81.00	2.27	80.40	0.00	Orifice - 1 + Weir - 1
81.10	2.65	80.40	0.00	Orifice - 1 + Weir - 1
81.20	3.05	80.40	0.00	Orifice - 1 + Weir - 1
81.30	3.47	80.40	0.00	Orifice - 1 + Weir - 1
81.40	3.89	80.40	0.00	Orifice - 1 + Weir - 1
81.50	4.34	80.40	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.50	0.00	Orifice - 1
79.57	0.00	80.50	0.00	Orifice - 1
79.60	0.00	80.50	0.00	Orifice - 1
79.70	0.00	80.50	0.00	Orifice - 1
79.80	0.00	80.50	0.00	Orifice - 1
79.90	0.00	80.50	0.00	Orifice - 1
80.00	0.00	80.50	0.00	Orifice - 1
80.10	0.00	80.50	0.00	Orifice - 1
80.20	0.00	80.50	0.00	Orifice - 1
80.30	0.00	80.50	0.00	Orifice - 1
80.40	0.00	80.50	0.00	Orifice - 1
80.50	0.00	80.50	0.00	Orifice - 1 + Weir - 1
80.60	0.70	80.50	0.00	Orifice - 1 + Weir - 1
80.70	1.06	80.50	0.00	Orifice - 1 + Weir - 1
80.80	1.41	80.50	0.00	Orifice - 1 + Weir - 1
80.90	1.77	80.50	0.00	Orifice - 1 + Weir - 1
81.00	2.14	80.50	0.00	Orifice - 1 + Weir - 1
81.10	2.53	80.50	0.00	Orifice - 1 + Weir - 1
81.20	2.93	80.50	0.00	Orifice - 1 + Weir - 1
81.30	3.35	80.50	0.00	Orifice - 1 + Weir - 1
81.40	3.78	80.50	0.00	Orifice - 1 + Weir - 1
81.50	4.22	80.50	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.60	0.00	Orifice - 1
79.57	0.00	80.60	0.00	Orifice - 1
79.60	0.00	80.60	0.00	Orifice - 1
79.70	0.00	80.60	0.00	Orifice - 1
79.80	0.00	80.60	0.00	Orifice - 1
79.90	0.00	80.60	0.00	Orifice - 1
80.00	0.00	80.60	0.00	Orifice - 1
80.10	0.00	80.60	0.00	Orifice - 1
80.20	0.00	80.60	0.00	Orifice - 1
80.30	0.00	80.60	0.00	Orifice - 1
80.40	0.00	80.60	0.00	Orifice - 1
80.50	0.00	80.60	0.00	Orifice - 1
80.60	0.00	80.60	0.00	Orifice - 1 + Weir - 1
80.70	0.82	80.60	0.00	Orifice - 1 + Weir - 1
80.80	1.22	80.60	0.00	Orifice - 1 + Weir - 1
80.90	1.60	80.60	0.00	Orifice - 1 + Weir - 1
81.00	1.99	80.60	0.00	Orifice - 1 + Weir - 1
81.10	2.39	80.60	0.00	Orifice - 1 + Weir - 1
81.20	2.79	80.60	0.00	Orifice - 1 + Weir - 1
81.30	3.21	80.60	0.00	Orifice - 1 + Weir - 1
81.40	3.65	80.60	0.00	Orifice - 1 + Weir - 1
81.50	4.10	80.60	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.70	0.00	Orifice - 1
79.57	0.00	80.70	0.00	Orifice - 1
79.60	0.00	80.70	0.00	Orifice - 1
79.70	0.00	80.70	0.00	Orifice - 1
79.80	0.00	80.70	0.00	Orifice - 1
79.90	0.00	80.70	0.00	Orifice - 1
80.00	0.00	80.70	0.00	Orifice - 1
80.10	0.00	80.70	0.00	Orifice - 1
80.20	0.00	80.70	0.00	Orifice - 1
80.30	0.00	80.70	0.00	Orifice - 1
80.40	0.00	80.70	0.00	Orifice - 1
80.50	0.00	80.70	0.00	Orifice - 1
80.60	0.00	80.70	0.00	Orifice - 1
80.70	0.00	80.70	0.00	Orifice - 1 + Weir - 1
80.80	0.94	80.70	0.00	Orifice - 1 + Weir - 1
80.90	1.39	80.70	0.00	Orifice - 1 + Weir - 1
81.00	1.80	80.70	0.00	Orifice - 1 + Weir - 1
81.10	2.21	80.70	0.00	Orifice - 1 + Weir - 1
81.20	2.63	80.70	0.00	Orifice - 1 + Weir - 1
81.30	3.06	80.70	0.00	Orifice - 1 + Weir - 1
81.40	3.50	80.70	0.00	Orifice - 1 + Weir - 1
81.50	3.95	80.70	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.80	0.00	Orifice - 1
79.57	0.00	80.80	0.00	Orifice - 1
79.60	0.00	80.80	0.00	Orifice - 1
79.70	0.00	80.80	0.00	Orifice - 1
79.80	0.00	80.80	0.00	Orifice - 1
79.90	0.00	80.80	0.00	Orifice - 1
80.00	0.00	80.80	0.00	Orifice - 1
80.10	0.00	80.80	0.00	Orifice - 1
80.20	0.00	80.80	0.00	Orifice - 1
80.30	0.00	80.80	0.00	Orifice - 1
80.40	0.00	80.80	0.00	Orifice - 1
80.50	0.00	80.80	0.00	Orifice - 1
80.60	0.00	80.80	0.00	Orifice - 1
80.70	0.00	80.80	0.00	Orifice - 1
80.80	0.00	80.80	0.00	Orifice - 1 + Weir - 1
80.90	1.07	80.80	0.00	Orifice - 1 + Weir - 1
81.00	1.55	80.80	0.00	Orifice - 1 + Weir - 1
81.10	2.00	80.80	0.00	Orifice - 1 + Weir - 1
81.20	2.43	80.80	0.00	Orifice - 1 + Weir - 1
81.30	2.88	80.80	0.00	Orifice - 1 + Weir - 1
81.40	3.32	80.80	0.00	Orifice - 1 + Weir - 1
81.50	3.78	80.80	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	80.90	0.00	Orifice - 1
79.57	0.00	80.90	0.00	Orifice - 1
79.60	0.00	80.90	0.00	Orifice - 1
79.70	0.00	80.90	0.00	Orifice - 1
79.80	0.00	80.90	0.00	Orifice - 1
79.90	0.00	80.90	0.00	Orifice - 1
80.00	0.00	80.90	0.00	Orifice - 1
80.10	0.00	80.90	0.00	Orifice - 1
80.20	0.00	80.90	0.00	Orifice - 1
80.30	0.00	80.90	0.00	Orifice - 1
80.40	0.00	80.90	0.00	Orifice - 1
80.50	0.00	80.90	0.00	Orifice - 1
80.60	0.00	80.90	0.00	Orifice - 1
80.70	0.00	80.90	0.00	Orifice - 1
80.80	0.00	80.90	0.00	Orifice - 1
80.90	0.00	80.90	0.00	Orifice - 1 + Weir - 1
81.00	1.20	80.90	0.00	Orifice - 1 + Weir - 1
81.10	1.72	80.90	0.00	Orifice - 1 + Weir - 1
81.20	2.20	80.90	0.00	Orifice - 1 + Weir - 1
81.30	2.66	80.90	0.00	Orifice - 1 + Weir - 1
81.40	3.12	80.90	0.00	Orifice - 1 + Weir - 1
81.50	3.59	80.90	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.00	0.00	Orifice - 1
79.57	0.00	81.00	0.00	Orifice - 1
79.60	0.00	81.00	0.00	Orifice - 1
79.70	0.00	81.00	0.00	Orifice - 1
79.80	0.00	81.00	0.00	Orifice - 1
79.90	0.00	81.00	0.00	Orifice - 1
80.00	0.00	81.00	0.00	Orifice - 1
80.10	0.00	81.00	0.00	Orifice - 1
80.20	0.00	81.00	0.00	Orifice - 1
80.30	0.00	81.00	0.00	Orifice - 1
80.40	0.00	81.00	0.00	Orifice - 1
80.50	0.00	81.00	0.00	Orifice - 1
80.60	0.00	81.00	0.00	Orifice - 1
80.70	0.00	81.00	0.00	Orifice - 1
80.80	0.00	81.00	0.00	Orifice - 1
80.90	0.00	81.00	0.00	Orifice - 1
81.00	0.00	81.00	0.00	Orifice - 1 + Weir - 1
81.10	1.33	81.00	0.00	Orifice - 1 + Weir - 1
81.20	1.89	81.00	0.00	Orifice - 1 + Weir - 1
81.30	2.40	81.00	0.00	Orifice - 1 + Weir - 1
81.40	2.89	81.00	0.00	Orifice - 1 + Weir - 1
81.50	3.37	81.00	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.10	0.00	Orifice - 1
79.57	0.00	81.10	0.00	Orifice - 1
79.60	0.00	81.10	0.00	Orifice - 1
79.70	0.00	81.10	0.00	Orifice - 1
79.80	0.00	81.10	0.00	Orifice - 1
79.90	0.00	81.10	0.00	Orifice - 1
80.00	0.00	81.10	0.00	Orifice - 1
80.10	0.00	81.10	0.00	Orifice - 1
80.20	0.00	81.10	0.00	Orifice - 1
80.30	0.00	81.10	0.00	Orifice - 1
80.40	0.00	81.10	0.00	Orifice - 1
80.50	0.00	81.10	0.00	Orifice - 1
80.60	0.00	81.10	0.00	Orifice - 1
80.70	0.00	81.10	0.00	Orifice - 1
80.80	0.00	81.10	0.00	Orifice - 1
80.90	0.00	81.10	0.00	Orifice - 1
81.00	0.00	81.10	0.00	Orifice - 1
81.10	0.00	81.10	0.00	Orifice - 1 + Weir - 1
81.20	1.46	81.10	0.00	Orifice - 1 + Weir - 1
81.30	2.07	81.10	0.00	Orifice - 1 + Weir - 1
81.40	2.60	81.10	0.00	Orifice - 1 + Weir - 1
81.50	3.12	81.10	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.20	0.00	Orifice - 1
79.57	0.00	81.20	0.00	Orifice - 1
79.60	0.00	81.20	0.00	Orifice - 1
79.70	0.00	81.20	0.00	Orifice - 1
79.80	0.00	81.20	0.00	Orifice - 1
79.90	0.00	81.20	0.00	Orifice - 1
80.00	0.00	81.20	0.00	Orifice - 1
80.10	0.00	81.20	0.00	Orifice - 1
80.20	0.00	81.20	0.00	Orifice - 1
80.30	0.00	81.20	0.00	Orifice - 1
80.40	0.00	81.20	0.00	Orifice - 1
80.50	0.00	81.20	0.00	Orifice - 1
80.60	0.00	81.20	0.00	Orifice - 1
80.70	0.00	81.20	0.00	Orifice - 1
80.80	0.00	81.20	0.00	Orifice - 1
80.90	0.00	81.20	0.00	Orifice - 1
81.00	0.00	81.20	0.00	Orifice - 1
81.10	0.00	81.20	0.00	Orifice - 1
81.20	0.00	81.20	0.00	Orifice - 1 + Weir - 1
81.30	1.59	81.20	0.00	Orifice - 1 + Weir - 1
81.40	2.24	81.20	0.00	Orifice - 1 + Weir - 1
81.50	2.81	81.20	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.30	0.00	Orifice - 1
79.57	0.00	81.30	0.00	Orifice - 1
79.60	0.00	81.30	0.00	Orifice - 1
79.70	0.00	81.30	0.00	Orifice - 1
79.80	0.00	81.30	0.00	Orifice - 1
79.90	0.00	81.30	0.00	Orifice - 1
80.00	0.00	81.30	0.00	Orifice - 1
80.10	0.00	81.30	0.00	Orifice - 1
80.20	0.00	81.30	0.00	Orifice - 1
80.30	0.00	81.30	0.00	Orifice - 1
80.40	0.00	81.30	0.00	Orifice - 1
80.50	0.00	81.30	0.00	Orifice - 1
80.60	0.00	81.30	0.00	Orifice - 1
80.70	0.00	81.30	0.00	Orifice - 1
80.80	0.00	81.30	0.00	Orifice - 1
80.90	0.00	81.30	0.00	Orifice - 1
81.00	0.00	81.30	0.00	Orifice - 1
81.10	0.00	81.30	0.00	Orifice - 1
81.20	0.00	81.30	0.00	Orifice - 1
81.30	0.00	81.30	0.00	Orifice - 1 + Weir - 1
81.40	1.72	81.30	0.00	Orifice - 1 + Weir - 1
81.50	2.41	81.30	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.40	0.00	Orifice - 1
79.57	0.00	81.40	0.00	Orifice - 1
79.60	0.00	81.40	0.00	Orifice - 1
79.70	0.00	81.40	0.00	Orifice - 1
79.80	0.00	81.40	0.00	Orifice - 1
79.90	0.00	81.40	0.00	Orifice - 1
80.00	0.00	81.40	0.00	Orifice - 1
80.10	0.00	81.40	0.00	Orifice - 1
80.20	0.00	81.40	0.00	Orifice - 1
80.30	0.00	81.40	0.00	Orifice - 1
80.40	0.00	81.40	0.00	Orifice - 1
80.50	0.00	81.40	0.00	Orifice - 1
80.60	0.00	81.40	0.00	Orifice - 1
80.70	0.00	81.40	0.00	Orifice - 1
80.80	0.00	81.40	0.00	Orifice - 1
80.90	0.00	81.40	0.00	Orifice - 1
81.00	0.00	81.40	0.00	Orifice - 1
81.10	0.00	81.40	0.00	Orifice - 1
81.20	0.00	81.40	0.00	Orifice - 1
81.30	0.00	81.40	0.00	Orifice - 1
81.40	0.00	81.40	0.00	Orifice - 1 + Weir - 1
81.50	1.86	81.40	0.00	Orifice - 1 + Weir - 1

Subsection: Composite Rating Curve
Label: OCS - C
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft^3/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
79.50	0.00	81.50	0.00	Orifice - 1
79.57	0.00	81.50	0.00	Orifice - 1
79.60	0.00	81.50	0.00	Orifice - 1
79.70	0.00	81.50	0.00	Orifice - 1
79.80	0.00	81.50	0.00	Orifice - 1
79.90	0.00	81.50	0.00	Orifice - 1
80.00	0.00	81.50	0.00	Orifice - 1
80.10	0.00	81.50	0.00	Orifice - 1
80.20	0.00	81.50	0.00	Orifice - 1
80.30	0.00	81.50	0.00	Orifice - 1
80.40	0.00	81.50	0.00	Orifice - 1
80.50	0.00	81.50	0.00	Orifice - 1
80.60	0.00	81.50	0.00	Orifice - 1
80.70	0.00	81.50	0.00	Orifice - 1
80.80	0.00	81.50	0.00	Orifice - 1
80.90	0.00	81.50	0.00	Orifice - 1
81.00	0.00	81.50	0.00	Orifice - 1
81.10	0.00	81.50	0.00	Orifice - 1
81.20	0.00	81.50	0.00	Orifice - 1
81.30	0.00	81.50	0.00	Orifice - 1
81.40	0.00	81.50	0.00	Orifice - 1
81.50	0.00	81.50	0.00	Orifice - 1 + Weir - 1

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	769.000	79.53	0.160

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.78	0.000	0.00
Pond Outflow...	769.000	0.41	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.272	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.180	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.272 ac-ft
Volume (Total Out ICPM)	0.180 ac-ft
Volume (Ending)	0.092 ac-ft
Elevation (Ending)	79.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	753.000	80.08	0.233

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	4.69	0.000	0.00
Pond Outflow...	753.000	1.20	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.485	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.393	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.485 ac-ft
Volume (Total Out ICPM)	0.393 ac-ft
Volume (Ending)	0.092 ac-ft
Elevation (Ending)	79.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	830.000	84.05	0.045

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.67	0.000	0.00
Pond Outflow...	831.000	0.05	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.071	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.032	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.071 ac-ft
Volume (Total Out ICPM)	0.032 ac-ft
Volume (Ending)	0.039 ac-ft
Elevation (Ending)	84.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	83.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	756.000	84.23	0.065

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	728.000	1.35	0.000	0.00
Pond Outflow...	756.000	0.37	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.151	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.112	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.151 ac-ft
Volume (Total Out ICPM)	0.112 ac-ft
Volume (Ending)	0.039 ac-ft
Elevation (Ending)	84.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,377.000	85.61	0.042

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.42	0.000	0.00
Pond Outflow...	1,380.000	0.01	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.044	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.003	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.044 ac-ft
Volume (Total Out ICPM)	0.003 ac-ft
Volume (Ending)	0.042 ac-ft
Elevation (Ending)	85.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	84.60	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	781.000	85.72	0.048

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.84	0.000	0.00
Pond Outflow...	781.000	0.14	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.090	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.048	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.090 ac-ft
Volume (Total Out ICPM)	0.048 ac-ft
Volume (Ending)	0.042 ac-ft
Elevation (Ending)	85.60 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	929.000	81.61	0.182

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.84	94.000	0.00
Pond Outflow...	929.000	0.13	0.026	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.277	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.241	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.277 ac-ft
Volume (Total Out ICPM)	0.241 ac-ft
Volume (Ending)	0.036 ac-ft
Elevation (Ending)	80.89 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.70	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,012.000	82.35	0.350

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	5.49	0.000	0.00
Pond Outflow...	1,013.000	0.19	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.512	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.474	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.512 ac-ft
Volume (Total Out ICPM)	0.474 ac-ft
Volume (Ending)	0.038 ac-ft
Elevation (Ending)	80.91 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	745.000	79.72	0.190

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	3.88	0.000	0.00
Pond Outflow...	745.000	1.27	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.375	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.222	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.375 ac-ft
Volume (Total Out ICPM)	0.222 ac-ft
Volume (Ending)	0.153 ac-ft
Elevation (Ending)	79.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	734.000	80.02	0.239

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	6.96	0.000	0.00
Pond Outflow...	734.000	4.48	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.656	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.503	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.656 ac-ft
Volume (Total Out ICPM)	0.503 ac-ft
Volume (Ending)	0.153 ac-ft
Elevation (Ending)	79.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	784.000	82.06	0.052

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	1.03	0.000	0.00
Pond Outflow...	784.000	0.15	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.096	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.049	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.096 ac-ft
Volume (Total Out ICPM)	0.049 ac-ft
Volume (Ending)	0.047 ac-ft
Elevation (Ending)	82.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	81.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	737.000	82.27	0.069

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	2.15	0.000	0.00
Pond Outflow...	737.000	1.15	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.191	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.144	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.191 ac-ft
Volume (Total Out ICPM)	0.144 ac-ft
Volume (Ending)	0.047 ac-ft
Elevation (Ending)	82.00 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	734.000	80.80	0.125

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	3.55	0.000	0.00
Pond Outflow...	734.000	2.39	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.341	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.255	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.341 ac-ft
Volume (Total Out ICPM)	0.255 ac-ft
Volume (Ending)	0.086 ac-ft
Elevation (Ending)	80.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.80	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	732.000	80.98	0.147

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	6.39	0.000	0.00
Pond Outflow...	732.000	4.79	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.600	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.514	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.600 ac-ft
Volume (Total Out ICPM)	0.514 ac-ft
Volume (Ending)	0.086 ac-ft
Elevation (Ending)	80.50 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,467.000	81.17	0.032

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.36	0.000	0.00
Pond Outflow...	0.000	0.00	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.032	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.000	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.032 ac-ft
Volume (Total Out ICPM)	0.000 ac-ft
Volume (Ending)	0.032 ac-ft
Elevation (Ending)	81.17 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	80.20	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	876.000	81.37	0.041

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	727.000	0.66	0.000	0.00
Pond Outflow...	876.000	0.04	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.059	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.025	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.059 ac-ft
Volume (Total Out ICPM)	0.025 ac-ft
Volume (Ending)	0.034 ac-ft
Elevation (Ending)	81.20 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.30 ft³/s	Time to Peak (Flow, In)	727.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	81.05 ft
Volume (Peak)	0.030 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.030 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.030 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.108 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	80.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.57 ft³/s	Time to Peak (Flow, In)	727.000 min
Flow (Peak Outlet)	0.00 ft³/s	Time to Peak (Flow, Outlet)	0.000 min

Elevation (Water Surface, Peak)	81.47 ft
Volume (Peak)	0.058 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.058 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.000 ac-ft
Volume (Retained)	0.058 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.046 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,140.000	78.16	0.161

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	728.000	1.00	94.000	0.00
Pond Outflow...	1,142.000	0.15	0.026	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.306	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.274	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.306 ac-ft
Volume (Total Out ICPM)	0.274 ac-ft
Volume (Ending)	0.031 ac-ft
Elevation (Ending)	77.23 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	77.00	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	1,228.000	79.58	0.425

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	728.000	2.54	0.000	0.00
Pond Outflow...	1,231.000	0.25	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.732	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.696	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.732 ac-ft
Volume (Total Out ICPM)	0.696 ac-ft
Volume (Ending)	0.036 ac-ft
Elevation (Ending)	77.27 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	939.000	79.56	0.315

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	752.000	1.99	0.000	0.00
Pond Outflow...	940.000	0.66	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.907	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.856	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.907 ac-ft
Volume (Total Out ICPM)	0.856 ac-ft
Volume (Ending)	0.052 ac-ft
Elevation (Ending)	78.68 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	78.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	783.000	79.88	0.412

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	734.000	8.28	0.000	0.00
Pond Outflow...	783.000	3.40	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	1.927	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	1.864	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	1.927 ac-ft
Volume (Total Out ICPM)	1.864 ac-ft
Volume (Ending)	0.063 ac-ft
Elevation (Ending)	78.72 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.001 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	793.000	80.31	0.128

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	733.000	2.70	0.000	0.00
Pond Outflow...	793.000	0.55	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.295	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.281	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.295 ac-ft
Volume (Total Out ICPM)	0.281 ac-ft
Volume (Ending)	0.014 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions			Calculation Tolerances		
Elevation (Starting Water Surface Computed)	79.50	ft	Flow Tolerance (Minimum)	0.000	ft³/s
Volume (Starting)	0.000	ac-ft	Maximum Iterations	35	
Outflow (Starting)	0.00	ft³/s	ICPM Time Step	3.000	min

	Maximum Storage		
	Time to Peak (min)	Elevation (ft)	Volume (ac-ft)
	755.000	80.79	0.209

	Forward Flow Peaks		Reverse Flow Peaks	
	Time to Peak (min)	Flow (Peak) (ft³/s)	Time to Peak (min)	Flow (Peak) (ft³/s)
Pond Inflow....	731.000	5.42	0.000	0.00
Pond Outflow...	754.000	1.84	0.000	0.00

	Total Volume In		Total Volume Out	
	Volume (ac-ft)	Direction	Volume (ac-ft)	Direction
Pond Inflow....	0.612	Forward	0.000	Reverse
Pond Outflow...	0.000	Reverse	0.599	Forward

Mass Balance (ac-ft)	
Volume (Initial ICPM)	0.000 ac-ft
Volume (Total In ICPM)	0.612 ac-ft
Volume (Total Out ICPM)	0.599 ac-ft
Volume (Ending)	0.014 ac-ft
Elevation (Ending)	79.59 ft
Difference	0.000 ac-ft
Percent of Inflow Volume (Interconnected Pond Mass Balance)	0.000 %

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BASIN #9 - NO INFILTRATION - NO DEAD STORAGE

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Subsection: Master Network Summary

Catchments Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
P-9 IMP	Post-Development 2 year	2	0.027	727.000	0.30
P-9 IMP	Post-Development 10 year	10	0.044	727.000	0.47
P-9 IMP	Post-Development 25 year	25	0.056	727.000	0.59
P-9 PERV	Post-Development 2 year	2	0.003	776.000	0.01
P-9 PERV	Post-Development 10 year	10	0.014	728.000	0.11
P-9 PERV	Post-Development 25 year	25	0.026	728.000	0.26

Node Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)
O-1	Post-Development 2 year	2	0.030	728.000	0.29
O-1	Post-Development 10 year	10	0.058	728.000	0.56
O-1	Post-Development 25 year	25	0.081	728.000	0.82

Pond Summary

Label	Scenario	Return Event (years)	Hydrograph Volume (ac-ft)	Time to Peak (min)	Peak Flow (ft^3/s)	Maximum Water Surface Elevation (ft)	Maximum Pond Storage (ac-ft)
BASIN 9 (IN)	Post-Development 2 year	2	0.030	727.000	0.30	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 2 year	2	0.030	728.000	0.29	81.51	0.000
BASIN 9 (IN)	Post-Development 10 year	10	0.058	727.000	0.57	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 10 year	10	0.058	728.000	0.56	81.51	0.001
BASIN 9 (IN)	Post-Development 25 year	25	0.081	727.000	0.84	(N/A)	(N/A)
BASIN 9 (OUT)	Post-Development 25 year	25	0.081	728.000	0.82	81.52	0.001

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.30 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.30 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	2.93 in
Runoff Volume (Pervious)	0.027 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.027 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.47 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.47 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	4.76 in
Runoff Volume (Pervious)	0.044 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.044 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.11 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	727.333 min
Flow (Peak, Computed)	0.59 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	727.000 min
Flow (Peak Interpolated Output)	0.59 ft³/s

Drainage Area	
SCS CN (Composite)	96.000
Area (User Defined)	0.11 acres
Maximum Retention (Pervious)	0.42 in
Maximum Retention (Pervious, 20 percent)	0.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	6.06 in
Runoff Volume (Pervious)	0.056 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.056 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	0.87 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (3.38 in)
Return Event	2 years
Duration	4,320.000 min
Depth	3.38 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	775.333 min
Flow (Peak, Computed)	0.01 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	776.000 min
Flow (Peak Interpolated Output)	0.01 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.14 in
Runoff Volume (Pervious)	0.003 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.003 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (5.23 in)
Return Event	10 years
Duration	4,320.000 min
Depth	5.23 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.11 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.11 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	0.73 in
Runoff Volume (Pervious)	0.014 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.014 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Storm Event	NOAA-D (6.53 in)
Return Event	25 years
Duration	4,320.000 min
Depth	6.53 in
Time of Concentration (Composite)	5.000 min
Area (User Defined)	0.23 acres

Computational Time Increment	0.667 min
Time to Peak (Computed)	728.000 min
Flow (Peak, Computed)	0.26 ft³/s
Output Increment	1.002 min
Time to Flow (Peak Interpolated Output)	728.000 min
Flow (Peak Interpolated Output)	0.26 ft³/s

Drainage Area	
SCS CN (Composite)	49.000
Area (User Defined)	0.23 acres
Maximum Retention (Pervious)	10.41 in
Maximum Retention (Pervious, 20 percent)	2.08 in

Cumulative Runoff	
Cumulative Runoff Depth (Pervious)	1.33 in
Runoff Volume (Pervious)	0.026 ac-ft

Hydrograph Volume (Area under Hydrograph curve)	
Volume	0.026 ac-ft

SCS Unit Hydrograph Parameters	
Time of Concentration (Composite)	5.000 min
Computational Time Increment	0.667 min
Unit Hydrograph Shape Factor	284.057
K Factor	0.440
Receding/Rising, Tr/Tp	3.544
Unit peak, qp	1.82 ft³/s
Unit peak time, Tp	3.333 min
Unit receding limb, Tr	29.333 min
Total unit time, Tb	32.667 min

Requested Pond Water Surface Elevations	
Minimum (Headwater)	80.50 ft
Increment (Headwater)	0.10 ft
Maximum (Headwater)	82.50 ft

Outlet Connectivity

Structure Type	Outlet ID	Direction	Outfall	E1 (ft)	E2 (ft)
Rectangular Weir	Weir - 1	Forward	TW	81.50	82.50
Tailwater Settings	Tailwater			(N/A)	(N/A)

Structure ID: Weir - 1 Structure Type: Rectangular Weir	
Number of Openings	1
Elevation	81.50 ft
Weir Length	50.00 ft
Weir Coefficient	3.20 (ft^0.5)/s

Structure ID: TW Structure Type: TW Setup, DS Channel	
Tailwater Type	Free Outfall

Convergence Tolerances	
Maximum Iterations	30
Tailwater Tolerance (Minimum)	0.01 ft
Tailwater Tolerance (Maximum)	0.50 ft
Headwater Tolerance (Minimum)	0.01 ft
Headwater Tolerance (Maximum)	0.50 ft
Flow Tolerance (Minimum)	0.001 ft³/s
Flow Tolerance (Maximum)	10.000 ft³/s

Subsection: Composite Rating Curve
Label: Composite Outlet Structure - 9
Scenario: Post-Development 25 year

Return Event: 25 years
Storm Event: NOAA-D (6.53 in)

Composite Outflow Summary

Water Surface Elevation (ft)	Flow (ft³/s)	Tailwater Elevation (ft)	Convergence Error (ft)	Contributing Structures
81.50	0.00	(N/A)	0.00	Weir - 1
81.60	5.06	(N/A)	0.00	Weir - 1
81.70	14.31	(N/A)	0.00	Weir - 1
81.80	26.29	(N/A)	0.00	Weir - 1
81.90	40.48	(N/A)	0.00	Weir - 1
82.00	56.57	(N/A)	0.00	Weir - 1
82.10	74.36	(N/A)	0.00	Weir - 1
82.20	93.71	(N/A)	0.00	Weir - 1
82.30	114.49	(N/A)	0.00	Weir - 1
82.40	136.61	(N/A)	0.00	Weir - 1
82.50	160.00	(N/A)	0.00	Weir - 1

Subsection: Elevation-Volume-Flow Table (Pond)
Label: BASIN 9
Scenario: Post-Development 25 year

Return Event: 25 years
Storm Event: NOAA-D (6.53 in)

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	81.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Elevation (ft)	Outflow (ft³/s)	Storage (ac-ft)	Area (acres)	Infiltration (ft³/s)	Flow (Total) (ft³/s)	2S/t + O (ft³/s)
81.50	0.00	0.000	0.00	0.00	0.00	0.00
81.60	5.06	0.007	0.00	0.00	5.06	15.51
81.70	14.31	0.014	0.00	0.00	14.31	35.22
81.80	26.29	0.022	0.00	0.00	26.29	57.65
81.90	40.48	0.029	0.00	0.00	40.48	82.29
82.00	56.57	0.036	0.00	0.00	56.57	108.84
82.10	74.36	0.045	0.00	0.00	74.36	140.28
82.20	93.71	0.055	0.00	0.00	93.71	173.28
82.30	114.49	0.064	0.00	0.00	114.49	207.71
82.40	136.61	0.074	0.00	0.00	136.61	243.48
82.50	160.00	0.083	0.00	0.00	160.00	280.52

Subsection: Level Pool Pond Routing Summary
Label: BASIN 9 (IN)
Scenario: Post-Development 2 year

Return Event: 2 years
Storm Event: NOAA-D (3.38 in)

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	81.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.30 ft³/s	Time to Peak (Flow, In)	727.000 min
Flow (Peak Outlet)	0.29 ft³/s	Time to Peak (Flow, Outlet)	728.000 min

Elevation (Water Surface, Peak)	81.51 ft
Volume (Peak)	0.000 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.030 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.030 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Subsection: Level Pool Pond Routing Summary
Label: BASIN 9 (IN)
Scenario: Post-Development 10 year

Return Event: 10 years
Storm Event: NOAA-D (5.23 in)

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	81.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.57 ft³/s	Time to Peak (Flow, In)	727.000 min
Flow (Peak Outlet)	0.56 ft³/s	Time to Peak (Flow, Outlet)	728.000 min

Elevation (Water Surface, Peak)	81.51 ft
Volume (Peak)	0.001 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.058 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.058 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

Infiltration	
Infiltration Method (Computed)	No Infiltration

Initial Conditions	
Elevation (Water Surface, Initial)	81.50 ft
Volume (Initial)	0.000 ac-ft
Flow (Initial Outlet)	0.00 ft³/s
Flow (Initial Infiltration)	0.00 ft³/s
Flow (Initial, Total)	0.00 ft³/s
Time Increment	1.000 min

Inflow/Outflow Hydrograph Summary			
Flow (Peak In)	0.84 ft³/s	Time to Peak (Flow, In)	727.000 min
Flow (Peak Outlet)	0.82 ft³/s	Time to Peak (Flow, Outlet)	728.000 min

Elevation (Water Surface, Peak)	81.52 ft
Volume (Peak)	0.001 ac-ft

Mass Balance (ac-ft)	
Volume (Initial)	0.000 ac-ft
Volume (Total Inflow)	0.081 ac-ft
Volume (Total Infiltration)	0.000 ac-ft
Volume (Total Outlet Outflow)	0.081 ac-ft
Volume (Retained)	0.000 ac-ft
Volume (Unrouted)	0.000 ac-ft
Error (Mass Balance)	0.000 %

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APPENDIX F
Soil Erosion and Sediment Control Calculations

FRENCH & PARRELLO ASSOCIATES

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1800 ROUTE 34, SUITE 101
WALL, NEW JERSEY 07719

PROJECT NUMBER : 17340.002
PROJECT NAME : HOLY INNOCENTS
CALCULATED BY : MWK DATE: 5/18/2022
CHECKED BY : DATE:
REVISED BY : DATE:

CONDUIT OUTLET PROTECTION WORKSHEET

STRUCTURE NUMBER	Q25 (CFS)	Do (INCH)	q=Q/Do	TW OR 0.2 D0 (Ft)*	FOR Y = 1/2 Do	FOR Y = Do	U S E : Y = 1/2 Do					
					D50=(0.0125/Tw) * q^1.33	D50=(0.0082/Tw) * q^1.33	Y, In.	d50, IN.	THICKNESS		L, FT.	W, FT.
FES 1 SCOUR HOLE	2.12	24	1.06	0.40	0.4	0.3	12.0	0.0	0.1	With Filter Fabric	12.00	10.00
FES 2 SCOUR HOLE	7	15	5.60	0.25	5.9	3.9	7.5	0.5	1.0	With Filter Fabric	7.50	6.25
FES 3 SCOUR HOLE	0.32	15	0.26	0.25	0.1	0.1	7.5	0.0	0.0	With Filter Fabric	7.50	6.25
FES 4 SCOUR HOLE	2.9	15	2.32	0.25	1.8	1.2	7.5	0.2	0.3	With Filter Fabric	7.50	6.25
FES 5 SCOUR HOLE	3.4	15	2.72	0.25	2.3	1.5	7.5	0.2	0.4	With Filter Fabric	7.50	6.25
FES 6 SCOUR HOLE	0.01	15	0.01	0.25	0.0	0.0	7.5	0.0	0.0	With Filter Fabric	7.50	6.25
FES 7 SCOUR HOLE	5.9	18	3.93	0.30	3.1	2.0	9.0	0.3	0.5	With Filter Fabric	9.00	7.50
FES 8 SCOUR HOLE	1.4	15	1.12	0.25	0.7	0.5	7.5	0.1	0.1	With Filter Fabric	7.50	6.25
FES 9 SCOUR HOLE	0.97	15	0.78	0.25	0.4	0.3	7.5	0.0	0.1	With Filter Fabric	7.50	6.25
FES 10 SCOUR HOLE	1.25	15	1.00	0.25	0.6	0.4	7.5	0.1	0.1	With Filter Fabric	7.50	6.25

Use Min. d50 = 3", 6" thick with filter fabric

	FOR Y=0.5*Do d50=(0.0125/Tw) * q^1.33	FOR Y=Do d50=(0.0082/Tw) * q^1.33	D= 3 * d50 WITHOUT FILTER FABRIC D= 2 * d50 WITH FILTER FABRIC

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CONDUIT OUTLET PROTECTION WORKSHEET

STRUCTURE NUMBER	Q25 (CFS)	Do (INCH)	q=Q/Do	TW OR 0.2 D0 (Ft)*	FOR Y = 1/2 Do	FOR Y = Do	U S E : Y = 1/2 Do					
					D50=(0.0125/Tw) * q^1.33	D50=(0.0082/Tw) * q^1.33	Y, In.	d50, IN.	THICKNESS		L, FT.	W, FT.
FES 11 SCOUR HOLE	0.1	15	0.08	0.25	0.0	0.0	7.5	0.0	0.0	With Filter Fabric	7.50	6.25
FES 12 SCOUR HOLE	6.8	18	4.53	0.30	3.7	2.4	9.0	0.3	0.6	With Filter Fabric	9.00	7.50
FES 13 SCOUR HOLE	4.2	18	2.80	0.30	2.0	1.3	9.0	0.2	0.3	With Filter Fabric	9.00	7.50
FES A SCOUR HOLE	0.17	15	0.14	0.25	0.0	0.0	7.5	0.0	0.0	With Filter Fabric	7.50	6.25
FES B SCOUR HOLE	0.75	15	0.60	0.25	0.3	0.2	7.5	0.0	0.1	With Filter Fabric	7.50	6.25

Use Min. d50 = 3", 6" thick with filter fabric

	FOR Y=0.5*Do d50=(0.0125/Tw) * q^1.33	FOR Y=Do d50=(0.0082/Tw) * q^1.33	D= 3 * d50 WITHOUT FILTER FABRIC D= 2 * d50 WITH FILTER FABRIC	

SAND BOTTOM BASIN STABILITY

Basin	Inlet	Pipe			2-YEAR			10-YEAR			
		Dia. (in)	Material	Slope	Flow	Pipe Velocity	Scour Hole Velocity	Flow	Pipe Velocity	Scour Hole Velocity	Notes
Basin A	FES #3	15.00	RCP	2.00%	0.00	*N/A*	*N/A*	0.02	1.19	*N/C*	OS-1
	FES #1	24.00	RCP	0.35%	0.00	*N/A*	*N/A*	0.00	*N/A*	*N/A*	OS-2 + OS-3
Basin B	FES #4	15.00	RCP	0.35%	0.02	0.73	*N/C*	0.14	1.38	*N/C*	OS-C
	FES #9	15.00	RCP	0.50%	0.00	*N/A*	*N/A*	0.22	1.84	0.18	OS-6
	FES #10	15.00	RCP	2.00%	0.00	*N/A*	*N/A*	0.00	*N/A*	*N/A*	OS-5
	FES #11	15.00	RCP	0.25%	0.00	*N/A*	*N/A*	0.06	0.98	*N/C*	OS-4
Basin C	FES #5	15.00	RCP	1.50%	0.00	*N/A*	*N/A*	1.27	4.67	0.53	OS-7
	FES #6	15.00	RCP	2.00%	0.00	*N/A*	*N/A*	0.00	*N/A*	*N/A*	OS-8
Basin #5	FES #12	18.00	RCP	0.40%	3.88	3.86	1.52	6.96	4.25	1.77	Basin 5 (IN)

N/A : velocity value '**not applicable**' since flow in pipe is 0 cfs

N/C : velocity in scour hole '**not calculated**' since pipe velocity was less then 1.8 fps per Technical Bulletin 2006-1.0

Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Tuesday, Apr 11 2023

FES #5: 10-Year

Trapezoidal

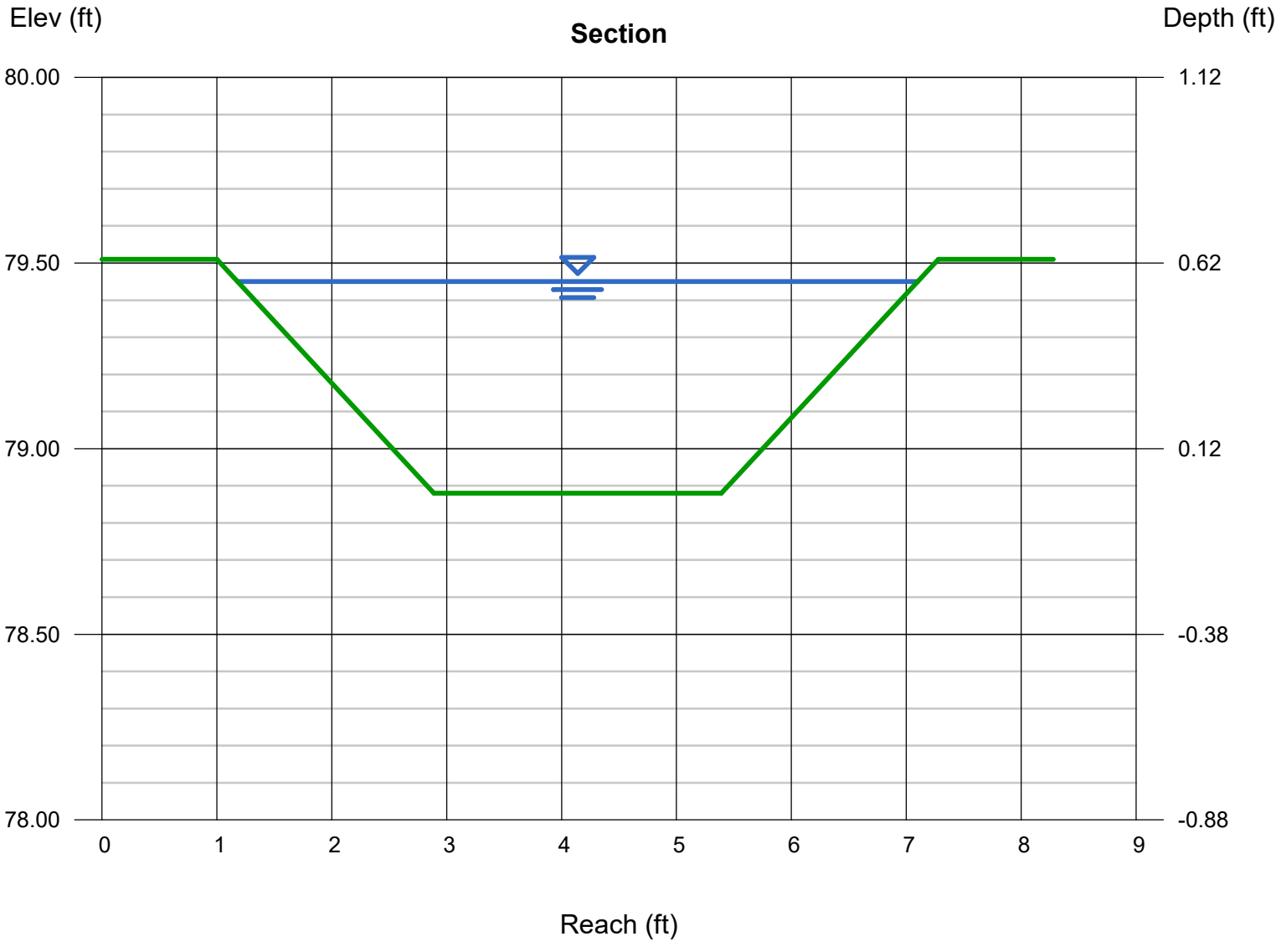
Bottom Width (ft)	= 2.50
Side Slopes (z:1)	= 3.00, 3.00
Total Depth (ft)	= 0.63
Invert Elev (ft)	= 78.88
Slope (%)	= 0.05
N-Value	= 0.033

Calculations

Compute by:	Known Q
Known Q (cfs)	= 1.27

Highlighted

Depth (ft)	= 0.57
Q (cfs)	= 1.270
Area (sqft)	= 2.40
Velocity (ft/s)	= 0.53
Wetted Perim (ft)	= 6.10
Crit Depth, Yc (ft)	= 0.19
Top Width (ft)	= 5.92
EGL (ft)	= 0.57



Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Tuesday, Apr 11 2023

FES #9: 10-Year

Trapezoidal

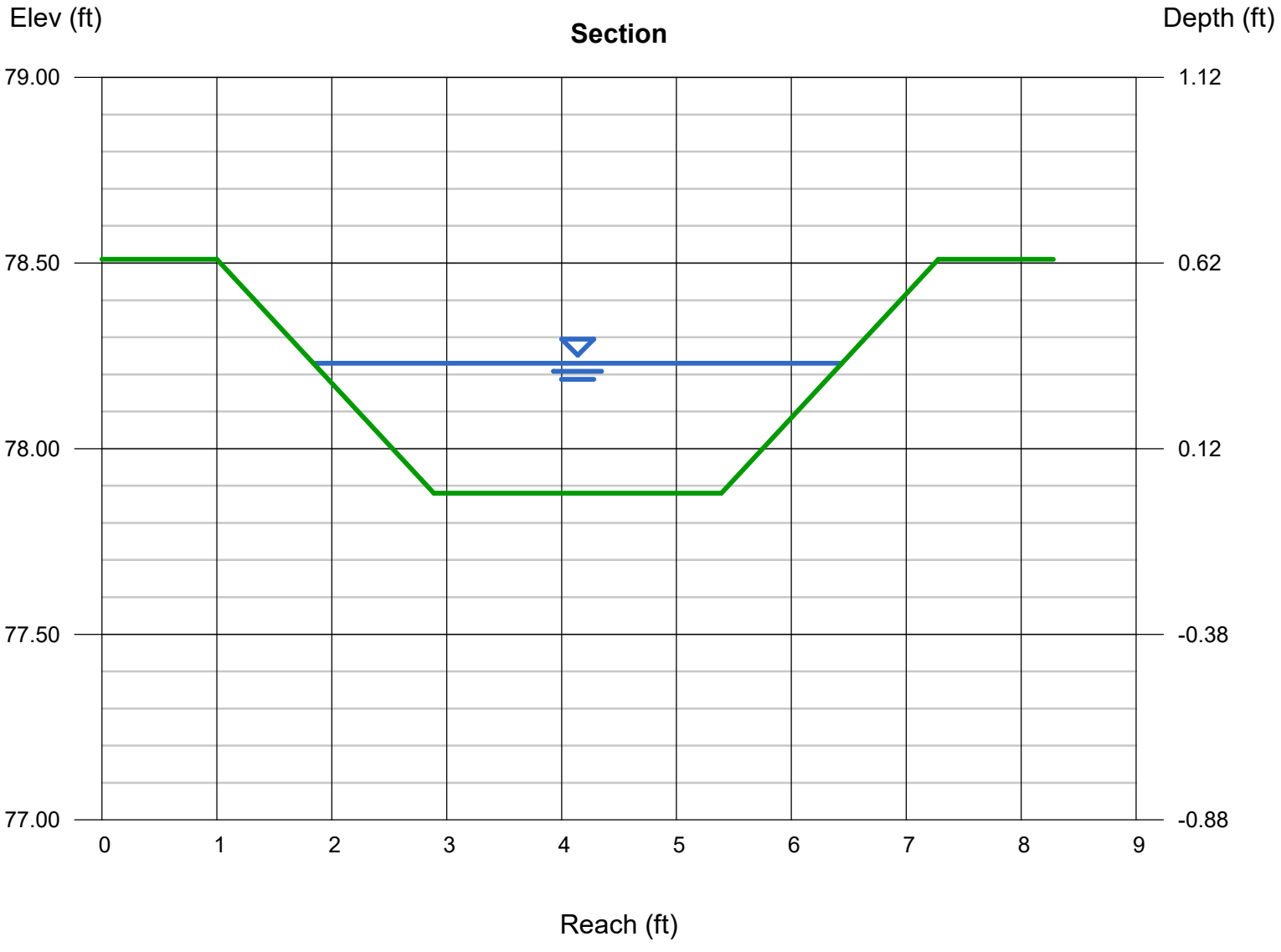
Bottom Width (ft)	= 2.50
Side Slopes (z:1)	= 3.00, 3.00
Total Depth (ft)	= 0.63
Invert Elev (ft)	= 77.88
Slope (%)	= 0.01
N-Value	= 0.033

Calculations

Compute by:	Known Q
Known Q (cfs)	= 0.22

Highlighted

Depth (ft)	= 0.35
Q (cfs)	= 0.220
Area (sqft)	= 1.24
Velocity (ft/s)	= 0.18
Wetted Perim (ft)	= 4.71
Crit Depth, Yc (ft)	= 0.07
Top Width (ft)	= 4.60
EGL (ft)	= 0.35



Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Tuesday, Apr 11 2023

FES #12: 10-Year

Trapezoidal

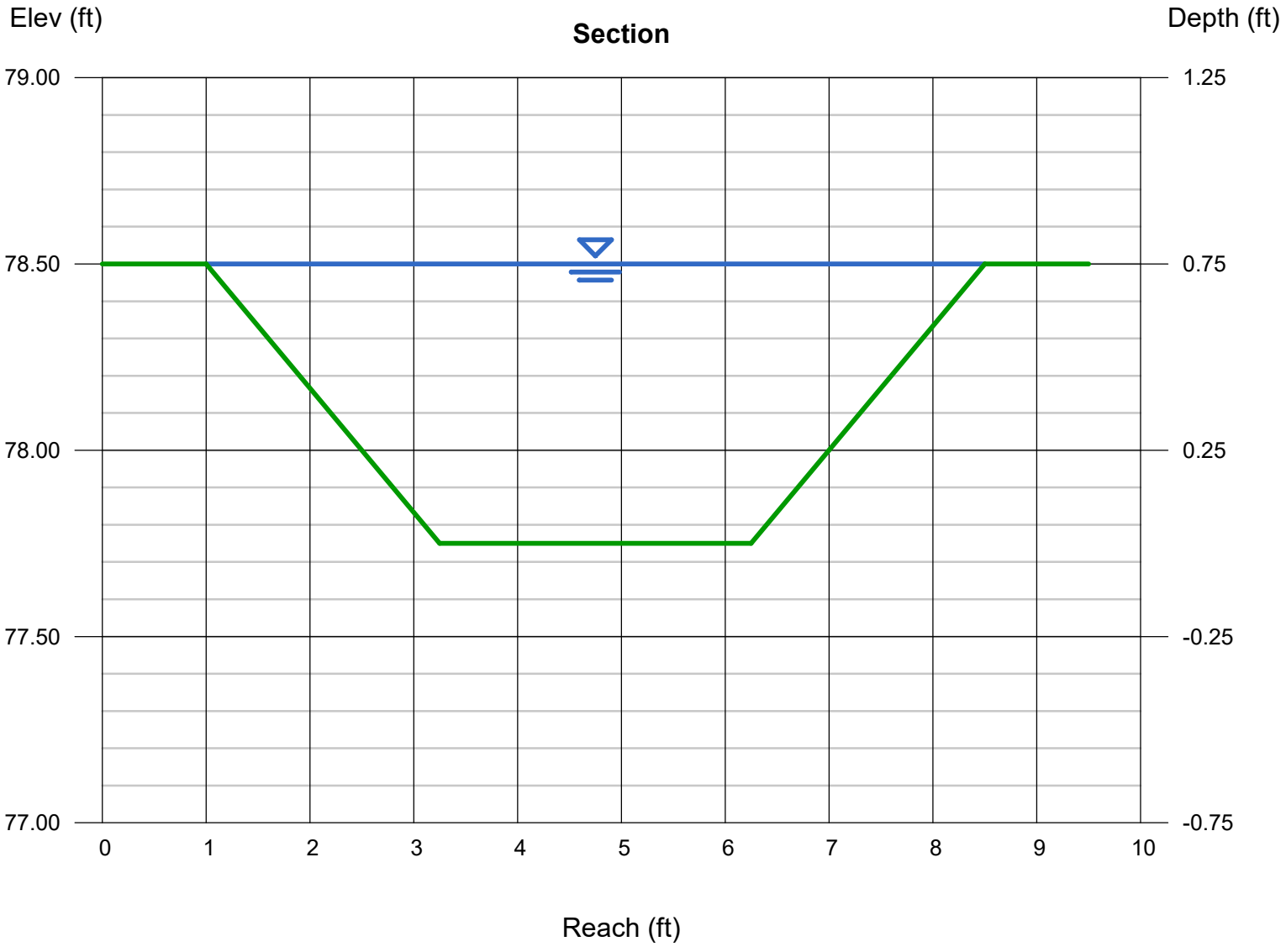
Bottom Width (ft)	= 3.00
Side Slopes (z:1)	= 3.00, 3.00
Total Depth (ft)	= 0.75
Invert Elev (ft)	= 77.75
Slope (%)	= 0.40
N-Value	= 0.033

Calculations

Compute by:	Known Q
Known Q (cfs)	= 6.96

Highlighted

Depth (ft)	= 0.75
Q (cfs)	= 6.960
Area (sqft)	= 3.94
Velocity (ft/s)	= 1.77
Wetted Perim (ft)	= 7.74
Crit Depth, Yc (ft)	= 0.47
Top Width (ft)	= 7.50
EGL (ft)	= 0.80



APPENDIX G
Groundwater Table Hydraulic Impact Analysis

BASIN 1

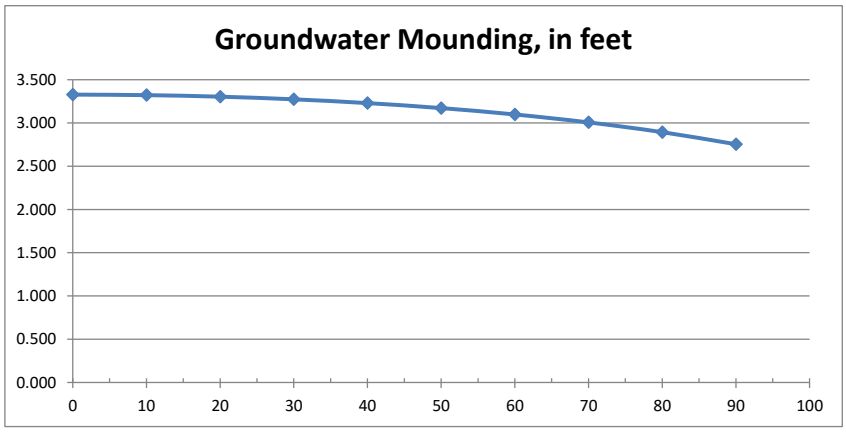
Input Values

2.00	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
50.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
115.000	x	1/2 length of basin (x direction, in feet)
8.000	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.328	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.328	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.328	0
3.322	10
3.304	20
3.273	30
3.230	40
3.172	50
3.098	60
3.007	70
2.894	80
2.754	90

Re-Calculate Now



Disclaimer

This spreadsheet solving the Hantush (1967) equation for ground-water mounding beneath an infiltration basin is made available to the general public as a convenience for those wishing to replicate values documented in the USGS Scientific Investigations Report 2010-5102 "Groundwater mounding beneath hypothetical stormwater infiltration basins" or to calculate values based on user-specified site conditions. Any changes made to the spreadsheet (other than values identified as user-specified) after transmission from the USGS could have unintended, undesirable consequences. These consequences could include, but may not be limited to: erroneous output, numerical instabilities, and violations of underlying assumptions that are inherent in results presented in the accompanying USGS published report. The USGS assumes no responsibility for the consequences of any changes made to the spreadsheet. If changes are made to the spreadsheet, the user is responsible for documenting the changes and justifying the results and conclusions.

BASIN 2

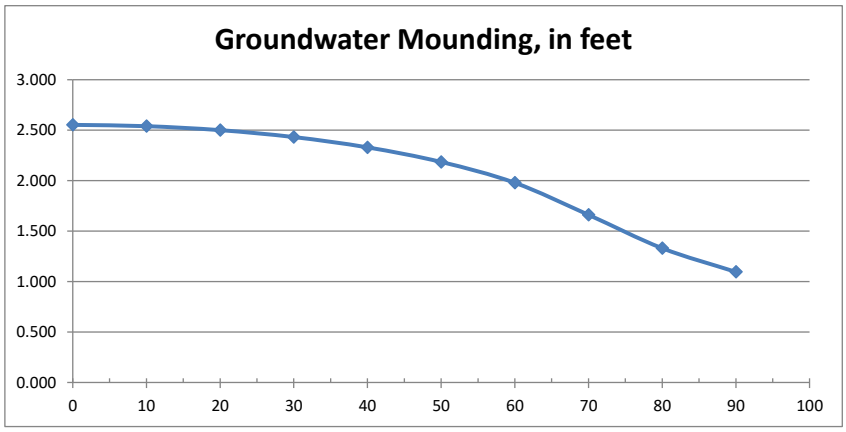
Input Values

1.10	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
17.75	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
70.000	x	1/2 length of basin (x direction, in feet)
6.500	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

12.553	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
2.553	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
2.553	0
2.540	10
2.500	20
2.432	30
2.330	40
2.185	50
1.979	60
1.661	70
1.330	80
1.095	90

Re-Calculate Now



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BASIN 3

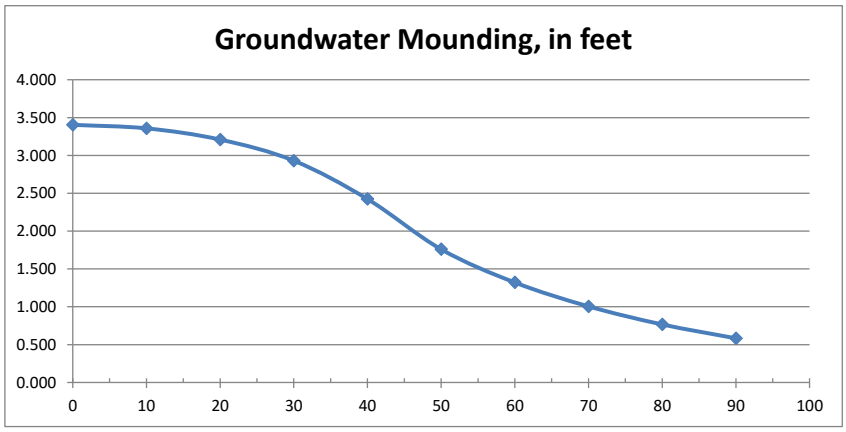
Input Values

1.10	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
7.30	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
42.000	x	1/2 length of basin (x direction, in feet)
6.000	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.404	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.404	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.404	0
3.357	10
3.209	20
2.930	30
2.423	40
1.759	50
1.321	60
1.005	70
0.767	80
0.583	90

Re-Calculate Now



Disclaimer

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BASIN 4

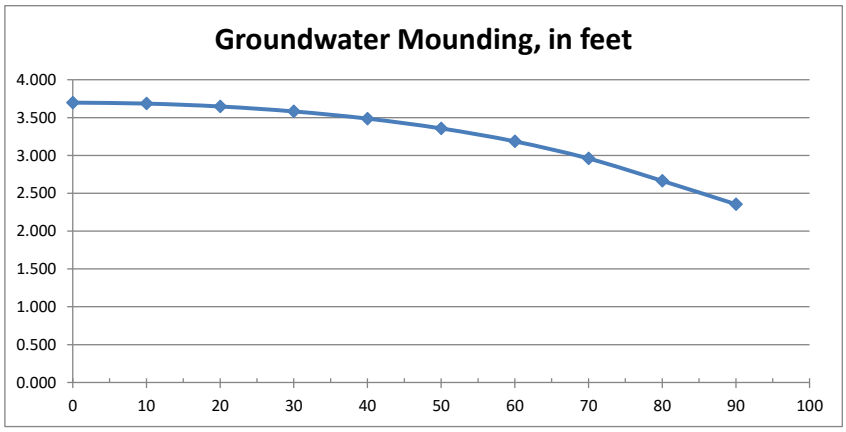
Input Values

1.14	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
50.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
80.100	x	1/2 length of basin (x direction, in feet)
20.000	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.697	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.697	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.697	0
3.685	10
3.646	20
3.581	30
3.486	40
3.357	50
3.185	60
2.959	70
2.664	80
2.355	90

Re-Calculate Now



Disclaimer

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BASIN 5

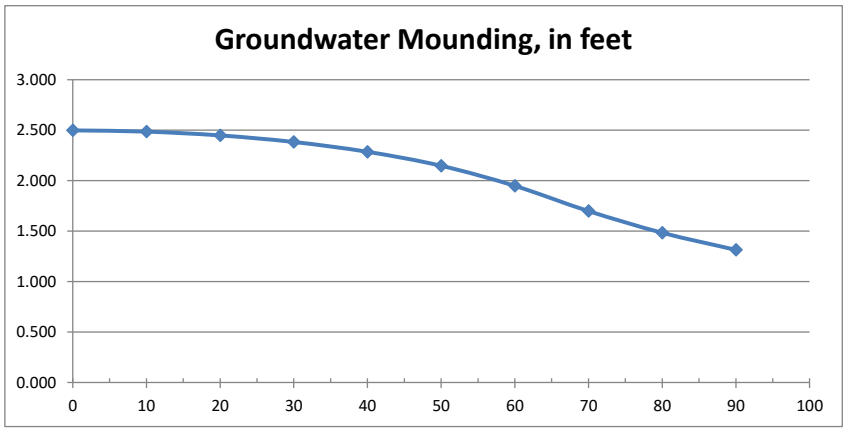
Input Values

1.40	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
50.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
64.700	x	1/2 length of basin (x direction, in feet)
11.500	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

12.498	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
2.498	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
2.498	0
2.486	10
2.448	20
2.383	30
2.286	40
2.147	50
1.948	60
1.698	70
1.483	80
1.314	90

Re-Calculate Now



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BASIN 6

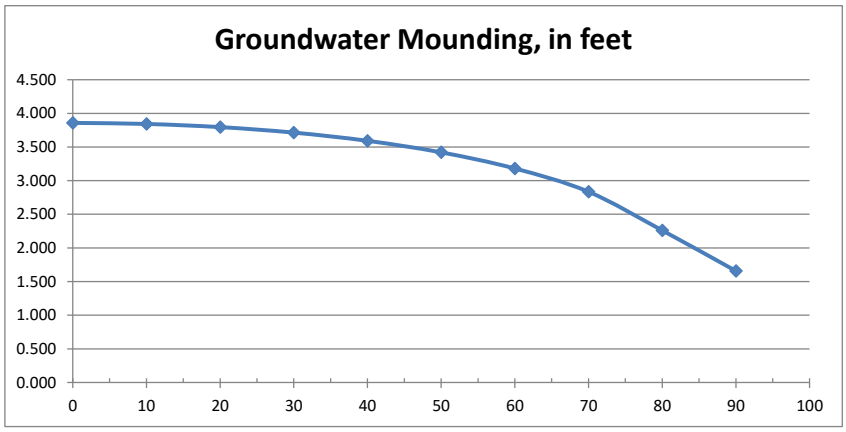
Input Values

5.00	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
25.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
80.000	x	1/2 length of basin (x direction, in feet)
3.800	y	1/2 width of basin (y direction, in feet)
23.80	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.858	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.858	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.858	0
3.843	10
3.796	20
3.714	30
3.592	40
3.420	50
3.181	60
2.835	70
2.261	80
1.658	90

Re-Calculate Now



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BASIN 7

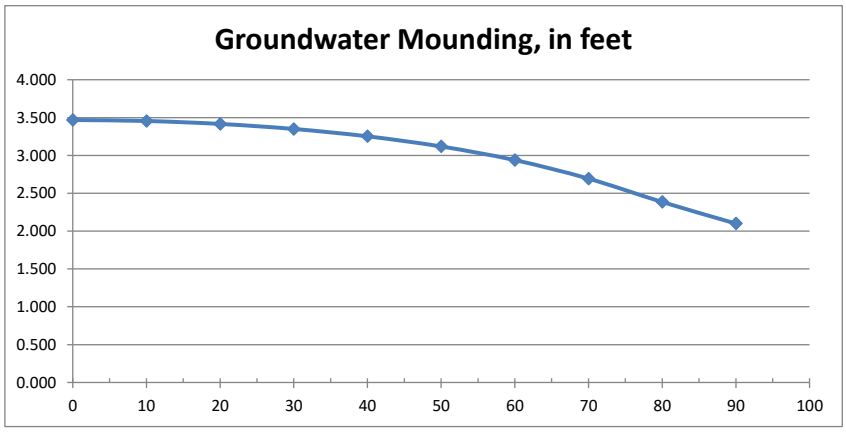
Input Values

1.34	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
50.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
76.200	x	1/2 length of basin (x direction, in feet)
16.000	y	1/2 width of basin (y direction, in feet)
72.00	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.468	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.468	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.468	0
3.455	10
3.416	20
3.349	30
3.252	40
3.118	50
2.938	60
2.693	70
2.384	80
2.099	90

Re-Calculate Now



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BASIN 8

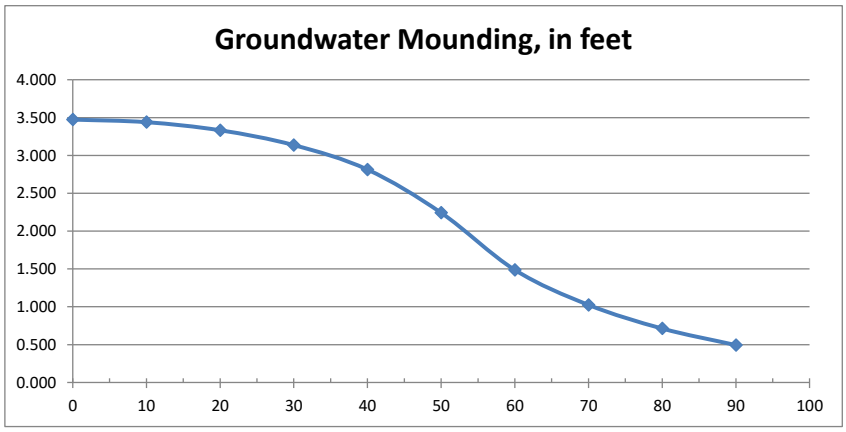
Input Values

5.00	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
25.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
52.000	x	1/2 length of basin (x direction, in feet)
5.000	y	1/2 width of basin (y direction, in feet)
12.20	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

13.473	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
3.473	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
3.473	0
3.439	10
3.332	20
3.136	30
2.812	40
2.242	50
1.487	60
1.025	70
0.713	80
0.494	90

Re-Calculate Now



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BASIN 9

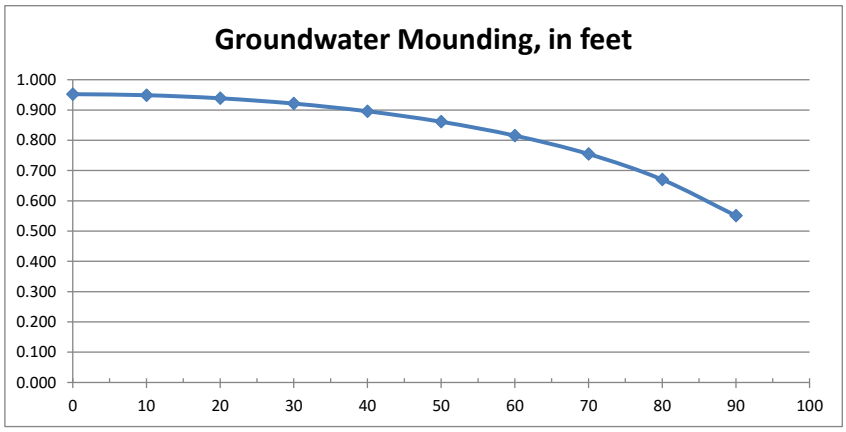
Input Values

0.50	*R*	Recharge rate (permeability rate) (in/hr)
		Specific yield, Sy (dimensionless)
0.150	Sy	default value is 0.15; max value is 0.2 provided that a lab test data is submitted
		Horizontal hydraulic conductivity (in/hr)
25.00	Kh	Kh = 5xRecharge Rate (R) in the costal plan; Kh=R outside the coastal plan
86.500	x	1/2 length of basin (x direction, in feet)
6.000	y	1/2 width of basin (y direction, in feet)
66.40	t	Duration of infiltration period (hours)
10.00	hi(0)	Initial thickness of saturated zone (feet)

10.952	h(max)	Maximum thickness of saturated zone (beneath center of basin at end of infiltration period)
0.952	Δh(max)	Maximum groundwater mounding (beneath center of basin at end of infiltration period)

Ground-water Mounding, in feet	Distance from center of basin in x direction, in feet
0.952	0
0.949	10
0.939	20
0.921	30
0.896	40
0.861	50
0.815	60
0.755	70
0.670	80
0.551	90

Re-Calculate Now



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APPENDIX H
Drainage Area Maps

PRE DEVELOPMENT DRAINAGE AREAS
FOR
PRELIMINARY AND FINAL MAJOR SUBDIVISION
FOR
COUNTRY WOODS AT NEPTUNE
BLOCK 3101 LOT 1
TOWNSHIP OF NEPTUNE
MONMOUTH COUNTY NEW JERSEY

FRENCH & PARRELLO ASSOCIATES
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1800 Route 34, Suite 101
Wall, New Jersey 07719
732.312.9800
FPAengineers.com
New Jersey ▲ New York ▲ Pennsylvania ▲ Georgia

No.	Date	Revision	Revised By	Checked By

DATE:	DESIGNED BY:	SCALE:	PROJECT NUMBER:
05/19/2022		1"=60'	17340.002
DRAWN BY:	CHECKED BY:	FIELD BOOK	SHEET:
	BRD		1 OF 3

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PROPOSED AREA #3 = 0.64 AC
LAWN (A) = 0.46 AC
WOODS (A) = 0.03 AC
IMPERVIOUS (A) = 0.14 AC
BASIN (A) = 0.01 AC

TC = 5 MIN

PROPOSED AREA #2 = 1.23 AC
LAWN (A) = 0.81 AC
WOODS (A) = 0.18 AC
IMPERVIOUS (A) = 0.22 AC
BASIN (A) = 0.02 AC

TC = 5 MIN

PROPOSED AREA #7 = 2.11 AC
LAWN (A) = 0.30 AC
LAWN (B) = 0.70 AC
IMPERVIOUS (A) = 0.25 AC
IMPERVIOUS (B)= 0.80 AC

BASIN (B) = 0.06 AC

TC = 5 MIN

PROPOSED AREA #6 = 0.82 AC
LAWN (A) = 0.01 AC
LAWN (B) = 0.62 AC
IMPERVIOUS (A) = 0.03 AC
IMPERVIOUS (B) = 0.13 AC
BASIN (B) = 0.03 AC

TC = 5 MIN

PROPOSED AREA #1 = 2.46 AC
LAWN (A) = 1.16 AC
WOODS (A) = 0.30 AC
IMPERVIOUS (A) = 0.89 AC
BASIN (A) = 0.11 AC

TC = 5 MIN

PROPOSED AREA #9 = 0.34 AC
LAWN (B) = 0.23 AC
IMPERVIOUS (B) = 0.05 AC
BASIN (B) = 0.06 AC

TC = 5 MIN

PROPOSED AREA A = 1.12 AC
LAWN (A) = 0.79 AC
WOODS (A) = 0.01 AC
IMPERVIOUS (A) = 0.20 AC
BASIN (A) = 0.12 AC

TC = 5 MIN

PROPOSED AREA #5 = 2.30 AC
LAWN (A) = 0.36 AC
LAWN (B) = 0.70 AC
IMPERVIOUS (A) = 0.54 AC
IMPERVIOUS (B) = 0.58 AC
BASIN (B) = 0.12 AC

TC = 5 MIN

PROPOSED AREA #4 = 2.09 AC
LAWN (A) = 0.52 AC
LAWN (B) = 0.67 AC
IMPERVIOUS (A) = 0.63 AC
IMPERVIOUS (B) = 0.11 AC
BASIN (B) = 0.16 AC

TC = 5 MIN

PROPOSED BY-PASS = 1.10 AC
LAWN (A) = 0.53 AC
LAWN (B) = 0.57 AC

TC = 5 MIN

PROPOSED AREA #8= 0.21 AC
LAWN (B) = 0.11 AC
IMPERVIOUS (B) = 0.04 AC
BASIN (B) = 0.06 AC

TC = 5 MIN

PROPOSED AREA #C = 0.24 AC
LAWN (B) = 0.11 AC
BASIN (B) = 0.13 AC

TC = 5 MIN

PROPOSED AREA #B = 0.74 AC
LAWN (B) = 0.39 AC
IMPERVIOUS (B) = 0.06 AC
BASIN (B) = 0.29 AC

TC = 5 MIN

BLOCK 3101

Lot 1
1,269,766.29 S.F. / 29.149 Ac.
(Vacant Lot)

DB 2494 PAGE 312
Lot 1 (Old Lot 12)
N/F Holy Innocents Church
1954

Db 2391 PAGE 287
Lot 2 (Old Lot 12A)
N/F The Diocese of Trenton
1952
Exception in Deed 74 Page 50– 1839
(Not plottable)

BLOCK 4101

GOLF COURSE DRIVE
(50' WIDE R.O.W. PER TAX MAP)

TEE PLACE
(50' WIDE R.O.W. PER TAX MAP)

JUMPING BROOK ROAD
(VARIABLE WIDTH R.O.W.)

JUMPING BROOK RD
(66' WIDE R.O.W. PER TAX MAP)

WELLS BROOK

S61° 17' 00"E 1910.15'

N18° 25' 53"W 80.88'

N61° 44' 15"W 512.00'

N 502445.651
E 609067.618

N 501791.988
E 608762.527

Centerline created from Filed Map and existing Centerline

20' Wide Sanitary Sewer easement as per Filed Map #57-32

20' Wide Sanitary Sewer easement as per Tax Map

Wooded

Wetlands

OPEN SPACE LOT 32 ##### SF

SANITARY EASEMENT

DRAINAGE EASEMENT

25' LANDSCAPE AND DRAINAGE EASEMENT

37' DRAINAGE EASEMENT

50' ACCESS EASEMENT

BLOCK LIMIT LINE

LOCK LIMIT LINE

No.	Date	Revision	Revised By	Checked By

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Corporate Office:
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Wall, New Jersey 07719
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FRENCH & PARRELLO ASSOCIATES

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POST DEVELOPMENT DRAINAGE AREAS
FOR
PRELIMINARY AND FINAL MAJOR SUBDIVISION
FOR
COUNTRY WOODS AT NEPTUNE
BLOCK 3101 LOT 1
TOWNSHIP OF NEPTUNE
MONMOUTH COUNTY NEW JERSEY

DATE:	DESIGNED BY:	SCALE:	PROJECT NUMBER:
05/19/2022		1"=60'	17340.002
DRAWN BY:	CHECKED BY:	FIELD BOOK	SHEET:
	BRD		2 OF 3

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No.	Date	Revision	Revised By	Checked By

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INDIVIDUAL INLET DRAINAGE AREAS
FOR
PRELIMINARY AND FINAL MAJOR SUBDIVISION
FOR
COUNTRY WOODS AT NEPTUNE

BLOCK 3101 LOT 1
TOWNSHIP OF NEPTUNE
MONMOUTH COUNTY NEW JERSEY

DATE:	DESIGNED BY:	SCALE:	PROJECT NUMBER:
05/19/2022		1"=40'	17340.002
DRAWN BY:	CHECKED BY:	FIELD BOOK	SHEET:
	BRD		3 OF 3

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