

Client Name Florida Power & Light Page 1 of 11

Project Name Dania Beach Energy Center - Unit 7 Project No. 195190

Calculation Title Main Plant Area Pre-Development Storm Water Analysis

Calculation No./File No. 58.5406.1101

Verification Method: ☒ Check and Review ☐ Alternate Calculations

Objective: The objective of this calculation is to determine the pre-development site storm water conditions for the Main Plant Area of Dania Beach Energy Center Combined Cycle Project to include drainage basins and pre-development discharge rates.

Unverified Assumptions Requiring Subsequent Verification

No.	Assumption	Verified By	Date
n/a	n/a	n/a	n/a

Refer to Page n/a of this calculation for additional assumptions.

This Section Used for Software-Generated Calculations

Program Name/Number HydroCAD Version 10.0

Standard B&V Application Used? ☒ Yes ☐ No

If no, list approved deviation permit number below and attach approved deviation permit.

Review and Approval

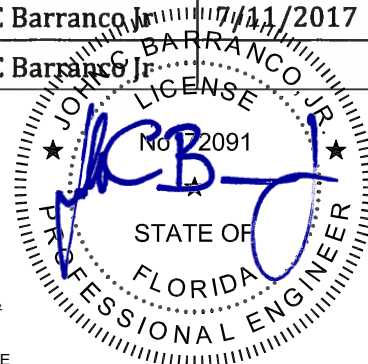
Rev	Prepared By	Date	Verified By	Date	Approved By	Date
0	O Jankauskaite	5/01/2017	J C Barranco Jr	5/01/2017	J C Barranco Jr	5/01/2017
1	O Jankauskaite	6/22/2017	J C Barranco Jr	6/22/2017	J C Barranco Jr	6/22/2017
2	O Jankauskaite	7/11/2017	J C Barranco Jr	7/11/2017	J C Barranco Jr	7/11/2017
3	O Jankauskaite	7/19/2017	J C Barranco Jr	7/19/2017	J C Barranco Jr	7/19/2017

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7/19/2017

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7/19/2017



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1.0 Purpose

The objective of this calculation is to determine the pre-development site storm water conditions for the Main Plant Area for the Dania Beach Clean Energy Center Project to include drainage basins and pre-development discharge rates.

2.0 References

- 2.1 South Florida Water Management District, Environmental Resource Permit Applicant's Handbook Volume II, Oct 2013
- 2.2 Black & Veatch drawing, 195190-DS-1101, "FPL DBCEC Unit 7 - Pre-Development Storm Water Management Plan- Permanent Plant Area"
- 2.3 Avirom & Associates, Inc., "Fort Lauderdale Plant - LiDAR Topographic Survey" Flight Date 2017.
- 2.4 FPL Drawing, PFL-C0201-ZZ/RTS-PFL-J-008-94, "Site Drainage, Drainage Basins and NPDES Permit Outfalls" 1995.
- 2.5 United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), "National Engineering Handbook Part 630 Hydrology," May 2010
- 2.6 NOAA's National Weather Service Hydrometeorological Design Studies Center, "Precipitation Frequency Data Server (PFDS)".
- 2.7 Ardman & Associates, Inc. "Subsurface Exploration FP&L Fort Lauderdale Plant Combustion Turbine Project" Fort Lauderdale, Broward County, Florida. October 14, 2013
- 2.8 FPL Combustion Turbine Repowering Lauderdale Units 4 & 5. "Geotechnical and Foundation Analysis Summary Report" December 9, 1988.
- 2.9 Planning and Environmental Regulations "Water Table Map - Average Wet Season" Broward County, Florida.
- 2.10 AutoCAD Civil 3D 2014
- 2.11 Google Earth
- 2.12 HydroCAD Ver. 10.0, HydroCAD Software Solutions, LLC
- 2.13 Trimble Terramodel Ver. 10.43

3.0 Conclusion

The existing conditions of the site have been analyzed including site topography, site layout and existing storm water runoff discharge methods. Existing site stormwater discharges through 4 retention/detention hybrid ponds contributing to 2 outfall locations. A 25year-72hr design storm event has been used to calculate the pre-development discharge rates to the 2 outfall locations as presented in Table 1. Table 2 represents a summary of the existing sub basin acreage's and surfacing.

Table 1

Discharge Location	Storm Event	Rainfall Depth (in)	Discharge Rate (cfs)
Plant Cooling Water Discharge Canal	25yr-72hr	13.50	89.01
Dania Cutoff Canal	25yr-72hr	13.50	48.86

Main Plant Area Pre Development Phase Site Acreage & Surfacing

Main Plant Area Pre Development Phase Site Acreage & Surfacing						
Sub Basin	Total Area		Pervious	Impervious - other	Impervious - Building	Impervious - Water Surface
	(Acres)	(% Imperv)*	(Acres)	(Acres)	(Acres)	(Acres)
SB-1	9.49	82%	1.70	4.49	0.78	2.52
SB-2	2.82	80%	0.55	1.71	0.10	0.46
SB-3	6.94	91%	0.60	4.64	1.47	0.23
SB-4A	2.02	88%	0.25	0.83	0.00	0.94
SB-4B	0.94	100%	0.00	0.94	0.00	0.00
SB-5	8.15	100%	0.00	6.40	1.25	0.50
SB-6	9.36	13%	8.10	0.48	0.00	0.78
Total Area Contributing to the Existing Plant Cooling Water Discharge Canal (SB 1-4)	22.21	86%	3.10	12.61	2.35	4.15
Total Area Contributing to Dania Cutoff Canal (SB-5)	8.15	100%	0.00	6.40	1.25	0.50
Total Area Contributing to Onsite Wetlands with no offsite	9.36	13%	8.10	0.48	0.00	0.78
Total Site	39.72	72%	11.20	19.49	3.60	5.43
* % Impervious includes Impervious - Other, Impervious - Building, and Impervious - Water Surfaces.						

4.0 Design Methodology

The existing site conditions were determined from a topographic survey of the site (Ref. 2.3), the existing Site Drainage Basins and NPDES Permit Outfalls drawing (Ref 2.4), current aerial imagery from Google Earth (Ref. 2.9) and data gathered during a site walk down.

Pre-development drainage basins were mapped in AutoCAD (Ref 2.10) to determine basin delineations and acreage's. These areas and their corresponding National Resources Conservation Service (NRSCS) (Ref 2.5) curve numbers (CN) were inputted into HydroCAD (Ref 2.12) to determine the existing site maximum permissible discharge rate for the 25 year-72hr design storm event.

The design storm event depth was determined from the data provided by SFWMD (Ref 2.1). The HydroCAD model was set up to model the storm event using the SFWMD 72 hr storm rainfall distribution model.

The HydroCAD model was set up to analyze the site hydrologic conditions using the SCS TR-20 runoff method. This runoff method includes use of the SCS unit hydrograph with a peak factor equal to 484. Minimum time of concentration was set equal to 5.0 minutes to ensure that model results were accurate for small and highly impervious sub basin areas.

5.0 Definitions of Units and Constants

Tc - Time of Concentration

SFWMD - South Florida Water Management District

SWMS - Stormwater Management System

TOB - Top of Bank

NAVD 88 = NGVD 29 - 1.51 ft

Antecedent Moisture Condition (AMC) = 2

CN - Curve Number

6.0 Analysis

General Drainage Design Criteria

Applicable Regulations:

The Project is located in Broward County, FL and therefore the storm water management system (SWMS) is governed by the Florida Department of Environmental Protection (FDEP) regulations for Stormwater Discharge (Chapter 62-25, F.A.C.) and Environmental Resource Permitting (ERP) (Chapter 62-330, F.A.C.). According to these regulations, the rules of the local water management district are adopted by reference for FDEP ERP requirements. The South Florida Water Management District (SFWMD) oversees projects in Broward County. Therefore, the SWMS for this project has been designed to meet or exceed the criteria set forth in the SFWMD ERP Applicant's Handbook Volume II (Ref. 1).

Rainfall Depth, Duration and Distribution:

The design rainfall depths for the Project Site have been obtained from the NOAA Atlas 14, Volume 9, Version 2 (Attn 1, Ref 2.6). The rainfall depths are summarized in the Table 1 Below. Storm events were modeled using HydroCAD analysis software.

Rainfall depths are summarized in Table 1 below.

Table 3

Rainfall Data		
Storm Event	Design Purpose	Rainfall Depth (in)
25 year - 72 hr*	Allowable Discharge Rate	13.5
100 year - 72 hr	Min. Finished Floors/ Min. Perimeter Berm Elevation	18.4
* Design Storm Event		

Site Soil and Ground Water Table Conditions:

Soils located within the developed area of the existing gas turbine (GT) generator area are generally classified as class C soils according to the National Resources Conservation Service (NRCS) hydrologic soil group classifications (Ref 2.5). NRCS class C soils are generally found to have low infiltration rates and consists of sandy soils with significant levels of fine soils such as clay and silt. Soils in this area are generally composed of 4 to 5 feet of loose to medium dense granular and sandy limerock fill material followed by soft compressible organics underlain by a thin layer of sand.

Based on the Geotechnical and Foundation Analysis Summary Report prepared in 1988 (Ref 2.8) the groundwater table is assumed to be at elevation -0.5ft-NAVD 88. Broward County Water Table Map - Average Wet Season (Ref 2.9, Att. 3) estimates the antecedent wet season ground water to be at +0.5ft-NAVD88. For the proposed design the more conservative elevation of +0.5ft-NAVD88 will be used.

Existing grade elevations were determined from the topographic survey drawing conducted in 1996. (Ref 2.3)

Pre - Development Site Conditions

Site Description:

The main plant area to be modernized for the project encloses an area of 39.72 acres in Broward County, Florida. The area is currently an existing electric generating plant consisting of two natural gas fired combined-cycle generating units (Units 4 and 5), two banks of twelve simple-cycle gas turbine units and fuel storage tank area. The existing plant is bordered by the Dania Beach Cutoff Canal to the south and the existing plant cooling water discharge canal to the North.

The existing site currently has 2 permitted offsite stormwater outfall locations: D-001 and D-0B1. D-001 discharges to the South Fork New River and D-0B1 discharges to the Dania Cutoff Canal. Existing Internal Outfalls I-1B4 (Pond 1), I-1B3 (Pond 2) and I-1B2 (Pond 3) discharge to the existing plant cooling water discharge canal which ultimately discharges through the D-001 discharge location to the South Fork of New River. Existing Retention Pond 5 discharges through Outfall D-0B1 to the Dania Cutoff Canal.

Out of the area limits to be modernized for this project, there is currently 22.21 acres contributing runoff to offsite Outfall D-001, 8.15 acres contributing runoff to offsite Outfall D-0B1 and 9.36 acres contributing runoff to Onsite Wetlands. The onsite wetland retain all the stormwater runoff and have no discharge to offsite surface waters.

The proposed main plant area and the construction/maintenance use area will be discharging all of the site storm water runoff via the same 2 offsite outfall locations, Outfall D-001 and Outfall D-0B1. Outfall location D-001 has additional runoff contributing to it in addition to the runoff from the main plant area to be modernized for this project, therefore its individual peak discharge was not analyzed for the purpose of this project. Peak discharge from Internal upstream outfalls I-1B4 (Pond 1), I-1B3 (Pond 2) and I-1B2 (Pond 3) and D-0B1 (Pond 5) will limit the peak discharge of the proposed outfalls.

A sketch of the existing storm water basins is provided in Attachment 2.

Basin Description

Basins Contributing to Outfall 1

SB-1 covers 9.49 acres and is calculated to be 82% impervious. It consists of existing Dry Detention/Retention Pond 1, the condensate STG Tanks, Service/Fire Water STG Tanks, Water Treatment Area, STG Area, Fire Pump House, Plant Service Building and a portion of the paved parking lot as well as the surrounding grassed and gravel area. The estimated Time of Concentration for the basin was 4.8 minutes, but the minimum of 5 minutes was used, to prevent unreasonably short Tc durations for small or highly impervious areas. Stormwater runoff is collected via overland flow into the Existing Dry Detention/Retention Pond 1.

SB-2 covers 2.82 acres and is calculated to be 80% impervious. It consists of existing Dry Detention/Retention Pond 2, the control building and the surrounding grassed and gravel area. The estimated Time of Concentration for the basin was 4.5 minutes, but the minimum of 5 minutes was used, to prevent unreasonably short Tc durations for small or highly impervious areas. Stormwater runoff is collected via stormwater catch basin system which discharges into Dry Detention/Retention pond 2.

SB-3 covers 6.94 acres and is calculated to be 91% impervious. It consists of existing Dry Detention/Retention Pond 3, the existing gas turbines: units 1-10, a storage and gas turbine repair building and the surrounding paved roads and gravel and grassed area. The estimated Time of Concentration for the basin was 10.8 minutes. Stormwater runoff is collected via a catchbasin system which discharges into Dry Detention/Retention Pond 3

SB-4A covers 2.02 acres and calculated to be 88% impervious. It consists of Existing Dry Detention/Retention Pond 4 and a portion of the existing paved parking lot along with the grassed surrounding area. The estimated Time of Concentration for the basin was 3.5 minutes, but the minimum of 5 minutes was used, to prevent unreasonably short Tc durations for small or highly impervious areas. Stormwater runoff is collected via overland flow into Dry Detention/Retention Pond 4 which then discharges into Dry Detention/Retention Pond 1 via an 12" culvert.

SB-4B covers 0.94 acres and is calculated to be 100% impervious. It is the area surrounding the intake structure and consists of a paved area. The estimated Time of Concentration for the basin was 6.5 minutes. The stormwater runoff is collected via overland flow into a catchbasin system which drains to a stormwater pump station which then pumps the stormwater to Dry Detention/Retention Pond 4.

Basins Contributing to Outfall 2

SB-5 covers 8.15 acres and is calculated to be 100% impervious. It consists of 4 -Heat Recovery Steam Generators, the CT Enclosure, The switchyard, Dry Detention/Retention Pond #5 and its surrounding paved and gravel area. The estimated Time of Concentration for the basin was 20.5 minutes. Stormwater Runoff is collected via a catchbasin system which drains into Dry Detention/Retention Pond 5.

Basins Retaining stormwater runoff onsite

SB-6 covers 9.36 acres and is calculated to be 13% impervious. It consists of HRSG cleaning rinse water basin, recreation pavilion, a maintenance building, a gravel road, a preserved area (wetlands) and surrounding grassed area. The stormwater runoff from this area is contained within the wetlands and has no offsite discharge.

Existing Detention/Retention Pond Descriptions

The existing stormwater ponds onsite are a hybrid between detention and retention ponds. They use infiltration to discharge the smaller rain events, but have an energy overflow structure to support the larger storm events.

For the infiltration rate, the Ardaman & Associates, Inc. Subsurface Exploration report conducted in October 2013 (Ref 2.7) was used. The report estimated the Horizontal Hydraulic Conductivity to be 6.2 feet/day. A safety factor of 2 was applied to come up with 3.1 feet/day.

Detention/Retention Pond 1

Detention/Retention Pond 1 is approximately 1 foot deep, with a bottom elevation of approximately 3.4 feet-NAVD 88 and the TOB at 4.40 feet-NAVD 88. Pond 1 has a surface area of 2.52 acres. SB-1 as well as Pond 4 contribute stormwater runoff to Pond 1. Pond 1 discharges through infiltration for smaller rain events and through a v-notch and broad crested weir for bigger rain events. The Pond directly discharges to the existing plant cooling water discharge canal through Internal Outfall I-1B4 which ultimately discharges through the D-001 discharge location to the South Fork New River.

Detention/Retention Pond 2

Detention/Retention Pond 2 is approximately 2 feet deep, with a bottom elevation of approximately 2.40 feet-NAVD 88 and the TOB at 4.40 feet-NAVD 88. Pond 2 has a surface area of 0.46 acres. SB-2 contributes stormwater runoff to Pond 2. Pond 2 discharges through infiltration for smaller rain events and through a v-notch and broad crested weir for bigger rain events. The pond directly discharges through Internal Outfall I-1B3 to the existing plant cooling water discharge canal which ultimately discharges through the D-001 discharge location to the South Fork New River.

Detention/Retention Pond 3

Detention/Retention Pond 3 is approximately 2 feet deep, with a bottom elevation of approximately 3.40 feet-NAVD 88 and the TOB at 5.40 feet-NAVD 88. Pond 3 has a surface area of 0.23 acres. SB-3 contributes stormwater runoff to Pond 3. Pond 3 discharges through infiltration for smaller rain events and through a v-notch and broad crested weir for bigger rain events. Pond 3 directly discharges through an Internal Outfall I-1B2 to the existing plant cooling water discharge canal which ultimately discharges through the D-001 discharge location to the South Fork New River.

Detention/Retention Pond 4

Detention/Retention Pond 4 is approximately 1.5 feet deep, with a bottom elevation of approximately 3.90 feet-NAVD 88 and the TOB at 5.40 feet-NAVD 88. Pond 4 has a surface area of 0.94 acres. SB-4A and SB-4B contributes stormwater runoff to Pond 4. Pond 4 directly discharges into Pond 1 through a 12" culvert.

Detention/Retention Pond 5

Detention/Retention Pond 5 is approximately 1.0 foot deep, with a bottom elevation of approximately 3.40 feet-NAVD 88 and the TOB at 4.40 feet-NAVD 88. Pond 5 has a surface area of 0.50 acres. SB-5 contributes stormwater runoff to Pond 5. Pond 5 discharges through infiltration for smaller rain events and through a v-notch and broad crested weir for bigger rain events. Pond 5 discharges through Outfall D-0B1 to the Dania Cutoff Canal.

Summary of Results

The areas described in the preceding sections have been modeled in HydroCAD (Ref 2.12) to determine the pre-development discharge rates for the Main Plant Area of the Project. Presented in Attachment 4 is a nodal diagram of the model as inputted in HydroCAD. The pre-development discharge rates have been calculated using the rainfall totals from a 25yr-72hr design storm event.

Peak discharge from Internal upstream outfalls I-1B4 (Pond 1), I-1B3 (Pond 2) and I-1B2 (Pond 3) will limit the discharge rate going into the existing plant cooling water discharge canal for the main plant area and peak discharge from Outfall D-0B1 (Pond 5) will limit the discharge rate going to the Dania Cutoff Canal. The existing plant cooling water discharge canal will have a maximum allowable peak discharge rate of 89.01 cfs and the Dania Cutoff Canal has a maximum allowable peak discharge rate of 48.86 cfs. (Att 4)

Table 4 summarizes the Basin Peak Discharge Rates for the design storm event.

HydroCAD Model input and output reports are provided in Attachment 4.

Table 4

Pond	Internal Discharge Location	Storm Event	Rainfall Depth	Discharge Rate
			(in)	(cfs)
Pond 1	Plant Cooling Water Discharge Canal	25YR-72HR	13.5	19.82
Pond 2	Plant Cooling Water Discharge Canal	25YR-72HR	13.5	18.04
Pond 3	Plant Cooling Water Discharge Canal	25YR-72HR	13.5	55.79
Pond 4	Pond 1	25YR-72HR	13.5	-
Pond 5	Dania Cutoff Canal	25YR-72HR	13.5	48.86
Total Plant Cooling Water Canal Discharge Rate		25YR-72HR	13.5	89.01
Total Dania Cutoff Canal Discharge Rate		25YR-72HR	13.5	48.86
* The combined total peak discharge rate for Plant Cooling Water Discharge Canal is less than the additive discharge of Pond 1 through 3 since the peak discharge rates for each pond do not occur at the same exact time,				

The peak discharge rates for Ponds 1-5 are referenced from Attachment 4, page 7.

Client: FPL
Project: DBCEC - Unit 7
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Analysis

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Date: 12 July 2017
Verified By: J C Barranco, Jr.
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Attachments

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Date: 12 July 2017
Verified By: J C Barranco, Jr.

Attachment 1

Rainfall Maps



NOAA Atlas 14, Volume 9, Version 2
Location name: Dania Beach, Florida, USA*
Latitude: 26.0693°, Longitude: -80.1959°
Elevation: 3.96 ft**
 * source: ESRI Maps
 ** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Deborah Martin, Sandra Pavlovic, Ishani Roy, Michael St. Laurent, Carl Trypaluk, Dale Unruh, Michael Yekta, Geoffrey Bonnin

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aeriels](#)

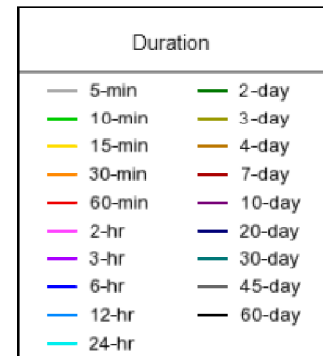
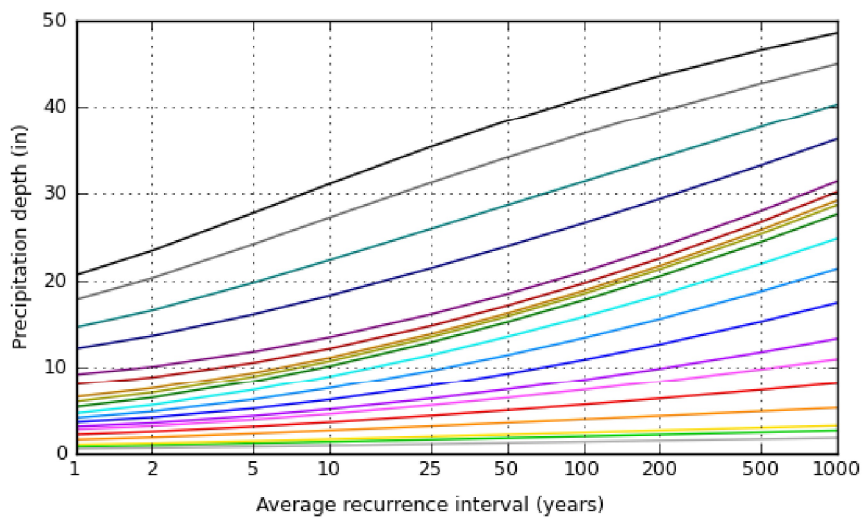
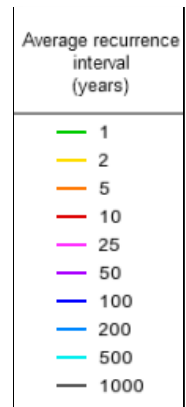
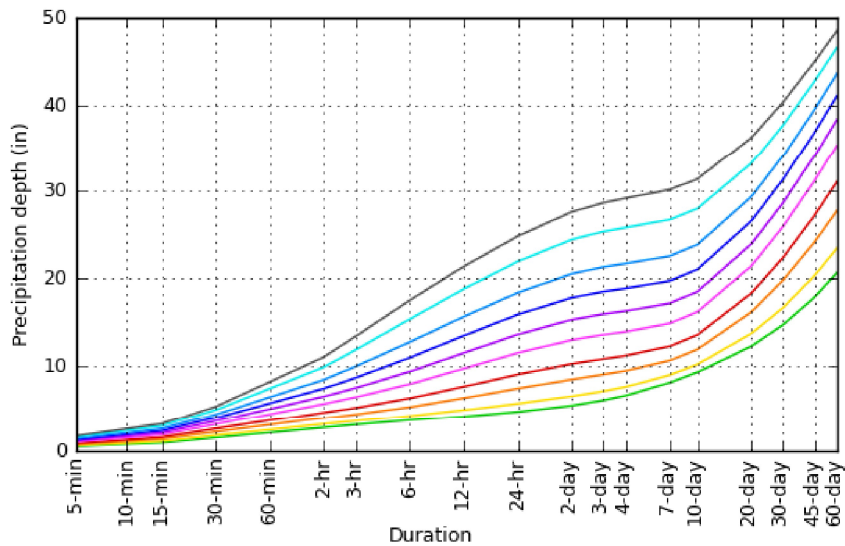
PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.551 (0.432–0.697)	0.639 (0.501–0.809)	0.784 (0.612–0.995)	0.905 (0.703–1.15)	1.07 (0.808–1.41)	1.20 (0.888–1.60)	1.34 (0.955–1.81)	1.47 (1.01–2.04)	1.65 (1.10–2.34)	1.78 (1.16–2.58)
10-min	0.807 (0.633–1.02)	0.936 (0.733–1.19)	1.15 (0.896–1.46)	1.33 (1.03–1.69)	1.57 (1.18–2.06)	1.76 (1.30–2.34)	1.96 (1.40–2.65)	2.15 (1.48–2.99)	2.41 (1.60–3.43)	2.61 (1.70–3.77)
15-min	0.984 (0.771–1.25)	1.14 (0.894–1.45)	1.40 (1.09–1.78)	1.62 (1.26–2.06)	1.92 (1.44–2.51)	2.15 (1.59–2.85)	2.38 (1.71–3.23)	2.62 (1.81–3.64)	2.94 (1.96–4.19)	3.18 (2.07–4.60)
30-min	1.57 (1.23–1.99)	1.84 (1.44–2.32)	2.27 (1.77–2.88)	2.63 (2.04–3.35)	3.13 (2.36–4.10)	3.52 (2.59–4.66)	3.91 (2.80–5.30)	4.31 (2.97–5.98)	4.85 (3.22–6.90)	5.25 (3.41–7.59)
60-min	2.16 (1.69–2.73)	2.49 (1.95–3.15)	3.07 (2.39–3.89)	3.58 (2.78–4.56)	4.34 (3.29–5.74)	4.96 (3.68–6.63)	5.62 (4.04–7.67)	6.33 (4.38–8.84)	7.32 (4.89–10.5)	8.11 (5.27–11.7)
2-hr	2.75 (2.17–3.45)	3.15 (2.48–3.95)	3.87 (3.04–4.86)	4.53 (3.55–5.72)	5.55 (4.26–7.32)	6.41 (4.80–8.53)	7.33 (5.33–9.98)	8.34 (5.83–11.6)	9.79 (6.60–14.0)	11.0 (7.18–15.7)
3-hr	3.08 (2.44–3.84)	3.50 (2.78–4.38)	4.31 (3.41–5.40)	5.09 (4.01–6.40)	6.32 (4.90–8.36)	7.38 (5.58–9.84)	8.56 (6.26–11.7)	9.86 (6.95–13.7)	11.8 (7.98–16.8)	13.3 (8.76–19.0)
6-hr	3.60 (2.88–4.45)	4.13 (3.31–5.12)	5.17 (4.13–6.43)	6.19 (4.92–7.72)	7.83 (6.14–10.3)	9.27 (7.07–12.3)	10.9 (8.03–14.7)	12.7 (9.00–17.6)	15.3 (10.5–21.7)	17.4 (11.6–24.8)
12-hr	4.08 (3.29–5.00)	4.82 (3.89–5.92)	6.21 (5.00–7.65)	7.54 (6.03–9.32)	9.61 (7.59–12.6)	11.4 (8.77–15.0)	13.4 (9.96–18.0)	15.6 (11.1–21.4)	18.7 (12.9–26.3)	21.3 (14.3–30.1)
24-hr	4.62 (3.76–5.62)	5.58 (4.54–6.79)	7.32 (5.94–8.94)	8.94 (7.22–11.0)	11.4 (9.07–14.7)	13.5 (10.5–17.6)	15.8 (11.8–21.0)	18.3 (13.2–24.9)	21.9 (15.2–30.5)	24.8 (16.7–34.8)
2-day	5.36 (4.41–6.47)	6.43 (5.28–7.77)	8.37 (6.86–10.1)	10.2 (8.28–12.4)	12.9 (10.3–16.5)	15.2 (11.9–19.6)	17.7 (13.4–23.4)	20.5 (14.9–27.7)	24.4 (17.1–33.8)	27.6 (18.8–38.4)
3-day	5.97 (4.93–7.17)	7.01 (5.79–8.43)	8.93 (7.36–10.8)	10.7 (8.79–13.0)	13.5 (10.9–17.2)	15.9 (12.4–20.4)	18.4 (14.0–24.2)	21.3 (15.5–28.6)	25.3 (17.8–34.9)	28.6 (19.6–39.7)
4-day	6.52 (5.41–7.81)	7.51 (6.23–9.00)	9.36 (7.74–11.2)	11.1 (9.14–13.4)	13.9 (11.2–17.6)	16.2 (12.8–20.8)	18.8 (14.3–24.6)	21.7 (15.9–29.1)	25.8 (18.2–35.5)	29.2 (20.0–40.3)
7-day	8.00 (6.69–9.51)	8.86 (7.40–10.5)	10.5 (8.77–12.6)	12.2 (10.1–14.6)	14.8 (12.1–18.7)	17.1 (13.6–21.8)	19.7 (15.1–25.6)	22.5 (16.7–30.1)	26.7 (19.0–36.6)	30.1 (20.8–41.5)
10-day	9.20 (7.72–10.9)	10.1 (8.47–12.0)	11.8 (9.88–14.0)	13.5 (11.2–16.1)	16.1 (13.2–20.2)	18.4 (14.7–23.3)	21.0 (16.2–27.2)	23.8 (17.7–31.7)	28.0 (20.0–38.1)	31.4 (21.7–43.0)
20-day	12.2 (10.3–14.3)	13.6 (11.5–16.0)	16.1 (13.6–19.0)	18.3 (15.3–21.6)	21.4 (17.5–26.2)	23.9 (19.1–29.7)	26.6 (20.6–33.8)	29.3 (21.8–38.4)	33.2 (23.8–44.6)	36.2 (25.3–49.3)
30-day	14.6 (12.5–17.1)	16.6 (14.1–19.4)	19.7 (16.7–23.1)	22.3 (18.9–26.3)	25.9 (21.2–31.3)	28.6 (22.9–35.2)	31.3 (24.3–39.4)	34.0 (25.4–44.1)	37.6 (27.1–50.1)	40.3 (28.3–54.7)
45-day	17.8 (15.3–20.7)	20.3 (17.4–23.6)	24.1 (20.6–28.1)	27.2 (23.1–31.8)	31.2 (25.5–37.3)	34.1 (27.3–41.5)	36.8 (28.6–46.0)	39.5 (29.5–50.6)	42.7 (30.8–56.4)	45.0 (31.8–60.8)
60-day	20.6 (17.7–23.9)	23.4 (20.1–27.1)	27.7 (23.8–32.2)	31.1 (26.5–36.2)	35.3 (28.9–42.0)	38.3 (30.8–46.3)	41.1 (32.0–50.9)	43.6 (32.7–55.6)	46.6 (33.6–61.2)	48.5 (34.4–65.4)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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PF graphical

PDS-based depth-duration-frequency (DDF) curves
Latitude: 26.0693°, Longitude: -80.1959°

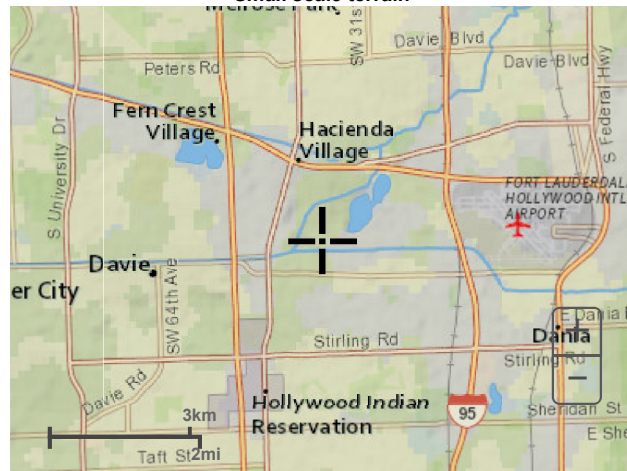
NOAA Atlas 14, Volume 9, Version 2

Created (GMT): Tue Apr 11 11:25:38 2017

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Maps & aerals

Small scale terrain

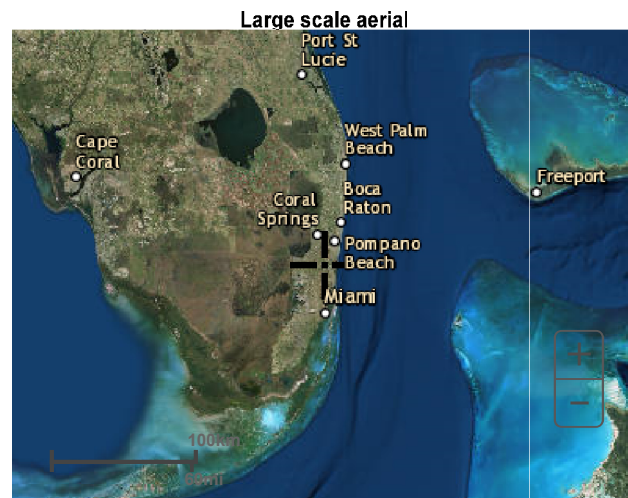


Large scale terrain



Large scale map





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

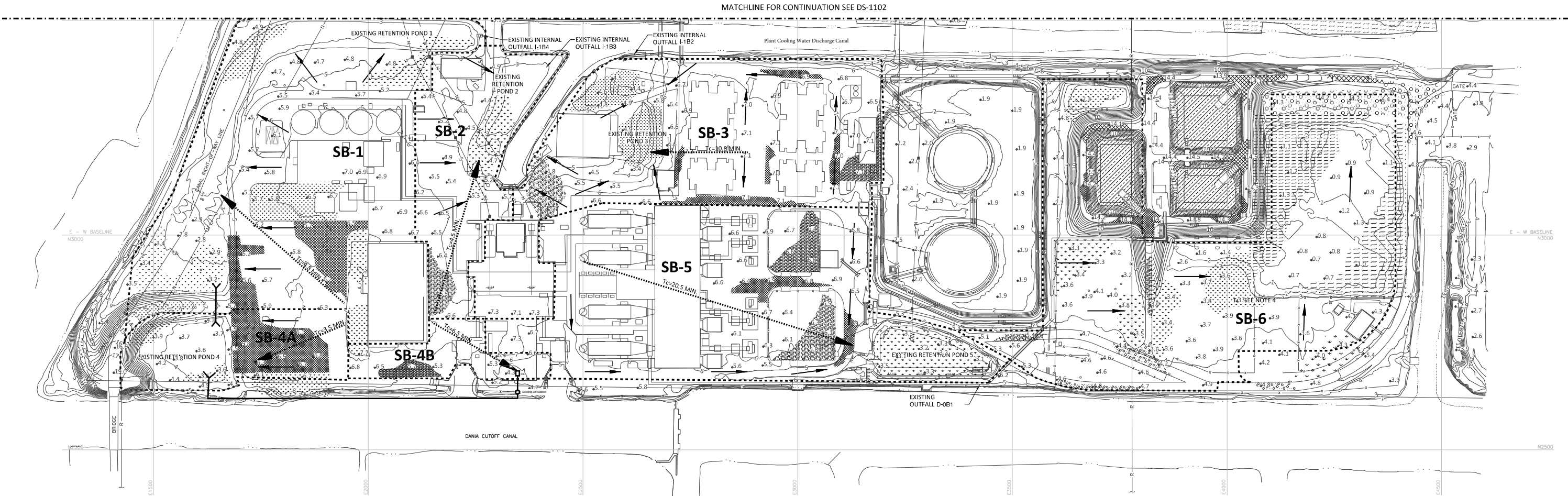
[Disclaimer](#)

Client: FPL
Project: DBCEC - Unit 7
Project No: 195190
File No: 58.5406.1101
Title: Pre-Development Storm Water
Analysis

Prepared By: Orinta Jankauskaite
Date: 12 July 2017
Verified By: J C Barranco, Jr.

Attachment 2

Basin Sketch



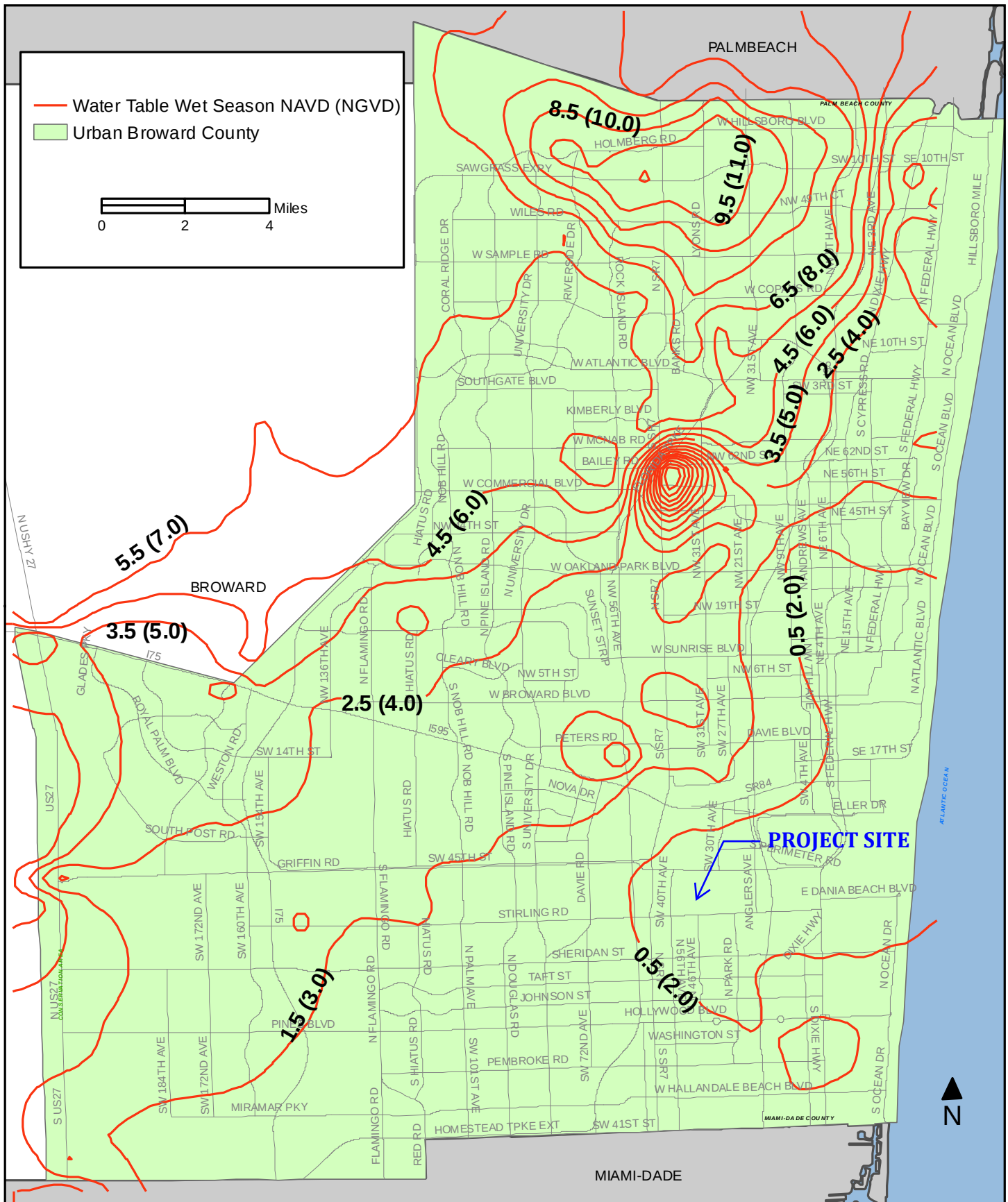
Client: FPL
Project: DBCEC - Unit 7
Project No: 195190
File No: 58.5406.1101
Title: Pre-Development Storm Water
Analysis

Prepared By: Orinta Jankauskaite
Date: 12 July 2017
Verified By: J C Barranco, Jr.

Attachment 3

Broward County Wet Season Water Table Map

WATER TABLE MAP - AVERAGE WET SEASON

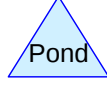
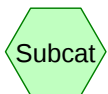
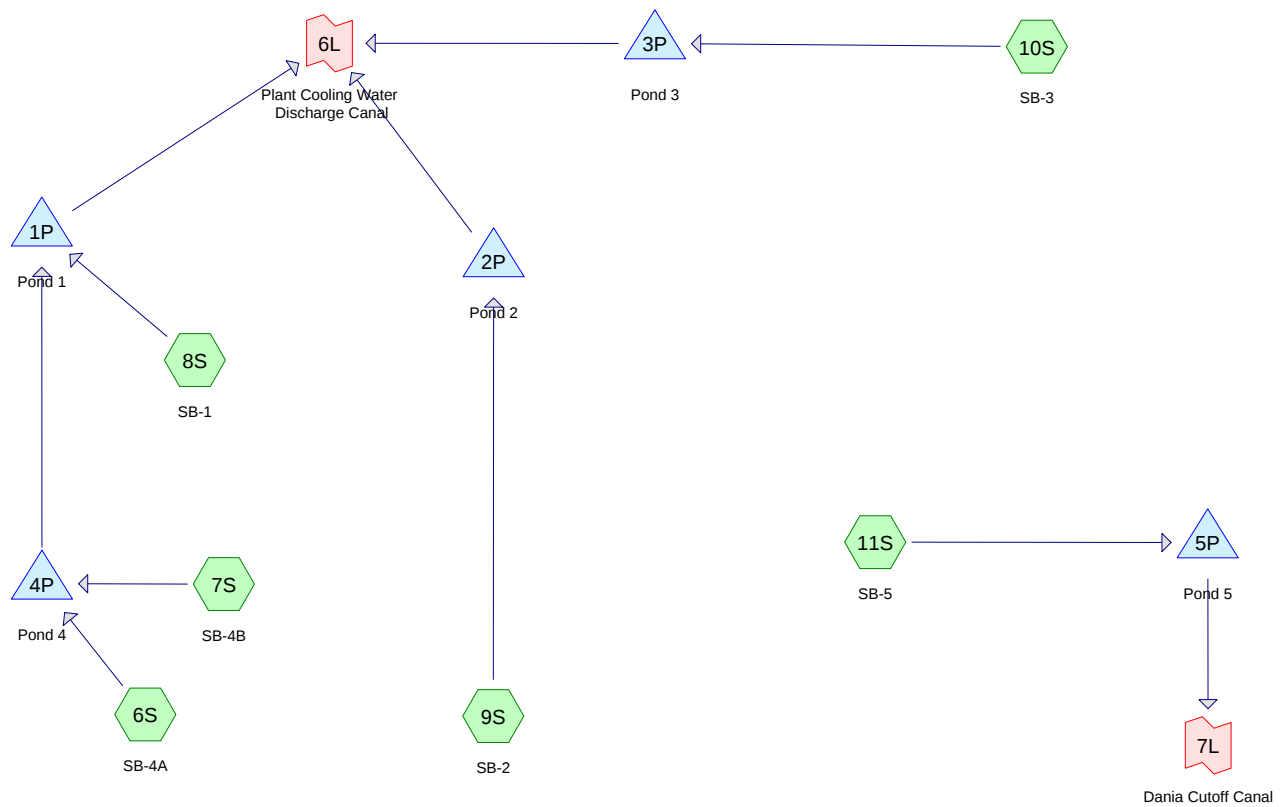


Client: FPL
Project: DBCEC - Unit 7
Project No: 195190
File No: 58.5406.1101
Title: Pre-Development Storm Water
Analysis

Prepared By: Orinta Jankauskaite
Date: 12 July 2017
Verified By: J C Barranco, Jr.

Attachment 4

HydroCAD 25year-72hr Design Storm



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Area Listing (all nodes)

Area (acres)	CN	Description (subcatchment-numbers)
1.150	79	50-75% Grass cover, Fair, HSG C (9S, 10S)
1.954	74	>75% Grass cover, Good, HSG C (6S, 8S)
14.756	98	Gravel surface, HSG C (7S, 8S, 9S, 10S, 11S)
3.290	98	Paved parking, HSG C (6S, 8S, 10S)
0.960	98	Paved roadway, HSG C (11S)
3.500	98	Roofs, HSG C (8S, 10S, 11S)
0.104	98	Unconnected roofs, HSG C (9S)
4.650	98	Water Surface, HSG C (6S, 8S, 9S, 10S, 11S)
30.364	96	TOTAL AREA

Existing Stormwater Analysis

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Soil Listing (all nodes)

Area (acres)	Soil Group	Subcatchment Numbers
0.000	HSG A	
0.000	HSG B	
30.364	HSG C	6S, 7S, 8S, 9S, 10S, 11S
0.000	HSG D	
0.000	Other	
30.364		TOTAL AREA

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Ground Covers (all nodes)

HSG-A (acres)	HSG-B (acres)	HSG-C (acres)	HSG-D (acres)	Other (acres)	Total (acres)	Ground Cover	Subcatchment Numbers
0.000	0.000	1.150	0.000	0.000	1.150	50-75% Grass cover, Fair	9S, 10S
0.000	0.000	1.954	0.000	0.000	1.954	>75% Grass cover, Good	6S, 8S
0.000	0.000	14.756	0.000	0.000	14.756	Gravel surface	7S, 8S, 9S, 10S, 11S
0.000	0.000	3.290	0.000	0.000	3.290	Paved parking	6S, 8S, 10S
0.000	0.000	0.960	0.000	0.000	0.960	Paved roadway	11S
0.000	0.000	3.500	0.000	0.000	3.500	Roofs	8S, 10S, 11S
0.000	0.000	0.104	0.000	0.000	0.104	Unconnected roofs	9S
0.000	0.000	4.650	0.000	0.000	4.650	Water Surface	6S, 8S, 9S, 10S, 11S
0.000	0.000	30.364	0.000	0.000	30.364	TOTAL AREA	

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Pipe Listing (all nodes)

Line#	Node Number	In-Invert (feet)	Out-Invert (feet)	Length (feet)	Slope (ft/ft)	n	Diam/Width (inches)	Height (inches)	Inside-Fill (inches)
1	7S	0.00	0.00	432.0	0.0025	0.010	4.0	0.0	0.0
2	4P	3.80	3.40	57.0	0.0070	0.013	12.0	0.0	0.0

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Time span=1.00-300.00 hrs, dt=0.05 hrs, 5981 points
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment6S: SB-4A	Runoff Area=2.024 ac 87.45% Impervious Runoff Depth=12.90" Flow Length=270' Slope=0.0070 '/' Tc=5.0 min CN=95 Runoff=17.82 cfs 2.175 af
Subcatchment7S: SB-4B	Runoff Area=0.940 ac 100.00% Impervious Runoff Depth>13.27" Flow Length=577' Tc=6.5 min CN=98 Runoff=8.13 cfs 1.039 af
Subcatchment8S: SB-1	Runoff Area=9.490 ac 82.09% Impervious Runoff Depth=12.77" Flow Length=430' Tc=5.0 min CN=94 Runoff=83.41 cfs 10.100 af
Subcatchment9S: SB-2	Runoff Area=2.820 ac 80.50% Impervious Runoff Depth=12.77" Flow Length=411' Slope=0.0080 '/' Tc=5.0 min CN=94 Runoff=24.78 cfs 3.001 af
Subcatchment10S: SB-3	Runoff Area=6.940 ac 91.35% Impervious Runoff Depth=13.02" Flow Length=612' Tc=10.8 min CN=96 Runoff=56.35 cfs 7.530 af
Subcatchment11S: SB-5	Runoff Area=8.150 ac 100.00% Impervious Runoff Depth>13.27" Flow Length=1,245' Tc=20.5 min CN=98 Runoff=57.02 cfs 9.009 af
Pond 1P: Pond 1	Peak Elev=4.39' Storage=2.379 af Inflow=85.51 cfs 11.247 af Discarded=5.47 cfs 6.723 af Primary=19.82 cfs 4.523 af Outflow=25.29 cfs 11.247 af
Pond 2P: Pond 2	Peak Elev=3.78' Storage=0.421 af Inflow=24.78 cfs 3.001 af Discarded=1.04 cfs 1.632 af Primary=18.04 cfs 1.369 af Outflow=19.07 cfs 3.001 af
Pond 3P: Pond 3	Peak Elev=3.83' Storage=0.020 af Inflow=56.35 cfs 7.530 af Discarded=0.11 cfs 0.010 af Primary=55.79 cfs 7.639 af Outflow=55.91 cfs 7.649 af
Pond 4P: Pond 4	Peak Elev=5.14' Storage=0.837 af Inflow=25.87 cfs 3.214 af Discarded=1.79 cfs 2.068 af Primary=2.95 cfs 1.147 af Outflow=4.74 cfs 3.214 af
Pond 5P: Pond 5	Peak Elev=4.65' Storage=0.335 af Inflow=57.02 cfs 9.009 af Discarded=1.06 cfs 0.776 af Primary=48.86 cfs 8.073 af Outflow=49.92 cfs 8.850 af
Link 6L: Plant Cooling Water Discharge Canal	Inflow=89.01 cfs 13.532 af Primary=89.01 cfs 13.532 af
Link 7L: Dania Cutoff Canal	Inflow=48.86 cfs 8.073 af Primary=48.86 cfs 8.073 af

Total Runoff Area = 30.364 ac Runoff Volume = 32.855 af Average Runoff Depth = 12.98"
10.22% Pervious = 3.104 ac 89.78% Impervious = 27.260 ac

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 6S: SB-4A

Runoff = 17.82 cfs @ 59.82 hrs, Volume= 2.175 af, Depth=12.90"

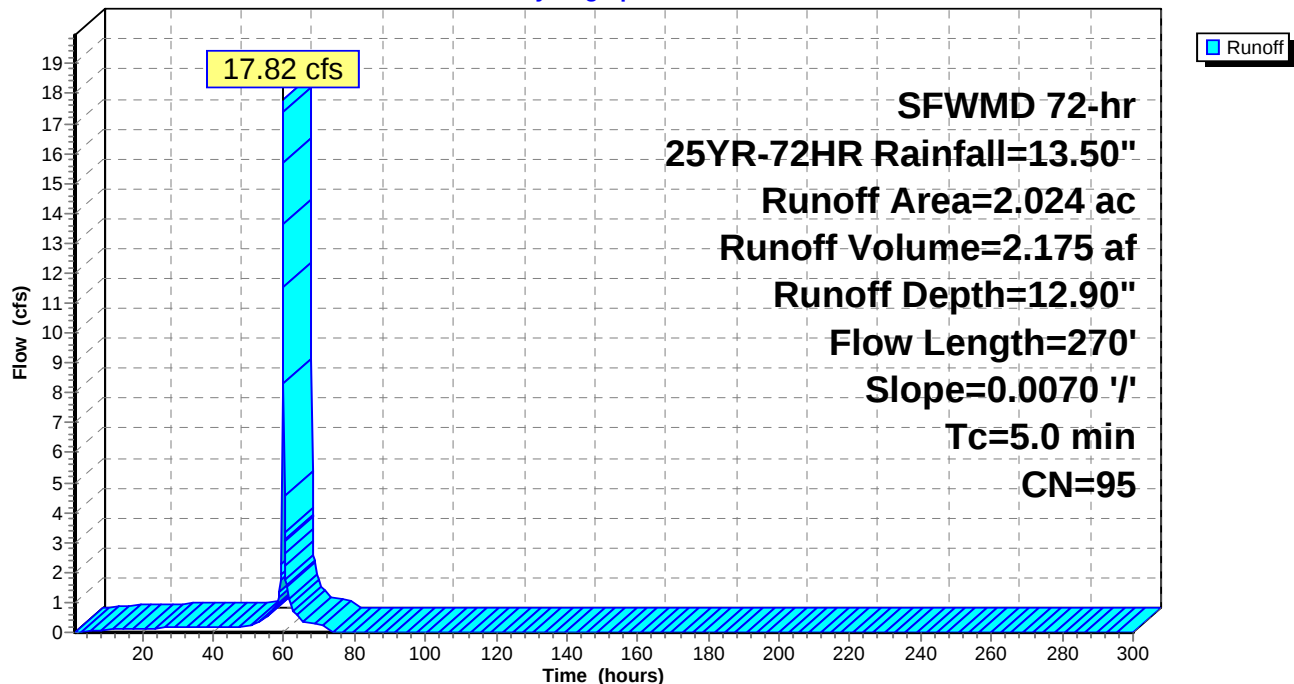
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
0.254	74	>75% Grass cover, Good, HSG C
0.830	98	Paved parking, HSG C
0.940	98	Water Surface, HSG C
2.024	95	Weighted Average
0.254		12.55% Pervious Area
1.770		87.45% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.1	270	0.0070	1.47		Sheet Flow, Overland Flow through the parking lot Smooth surfaces n= 0.011 P2= 5.70"
3.1	270	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 6S: SB-4A

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.00	27.50	1.74	1.24	0.17
1.50	0.09	0.00	0.00	28.00	1.78	1.28	0.17
2.00	0.12	0.00	0.01	28.50	1.83	1.32	0.18
2.50	0.15	0.00	0.02	29.00	1.88	1.36	0.18
3.00	0.18	0.01	0.03	29.50	1.92	1.41	0.18
3.50	0.21	0.02	0.04	30.00	1.97	1.45	0.19
4.00	0.24	0.03	0.04	30.50	2.02	1.50	0.17
4.50	0.27	0.04	0.05	31.00	2.06	1.54	0.17
5.00	0.30	0.05	0.06	31.50	2.11	1.59	0.17
5.50	0.33	0.07	0.06	32.00	2.15	1.63	0.17
6.00	0.36	0.09	0.07	32.50	2.20	1.67	0.17
6.50	0.39	0.10	0.07	33.00	2.24	1.71	0.17
7.00	0.43	0.12	0.08	33.50	2.28	1.75	0.17
7.50	0.46	0.14	0.08	34.00	2.33	1.80	0.17
8.00	0.49	0.16	0.08	34.50	2.37	1.84	0.17
8.50	0.52	0.18	0.08	35.00	2.42	1.88	0.17
9.00	0.55	0.20	0.09	35.50	2.46	1.92	0.17
9.50	0.58	0.22	0.09	36.00	2.50	1.97	0.17
10.00	0.61	0.25	0.09	36.50	2.55	2.01	0.17
10.50	0.64	0.27	0.09	37.00	2.59	2.05	0.17
11.00	0.67	0.29	0.09	37.50	2.63	2.09	0.17
11.50	0.70	0.31	0.10	38.00	2.68	2.14	0.17
12.00	0.73	0.34	0.10	38.50	2.72	2.18	0.17
12.50	0.76	0.36	0.10	39.00	2.77	2.22	0.17
13.00	0.79	0.39	0.10	39.50	2.81	2.26	0.17
13.50	0.82	0.41	0.10	40.00	2.85	2.31	0.17
14.00	0.85	0.44	0.10	40.50	2.90	2.35	0.17
14.50	0.88	0.46	0.10	41.00	2.94	2.39	0.17
15.00	0.91	0.49	0.10	41.50	2.99	2.44	0.17
15.50	0.94	0.51	0.11	42.00	3.03	2.48	0.17
16.00	0.97	0.54	0.11	42.50	3.07	2.52	0.17
16.50	1.00	0.57	0.11	43.00	3.12	2.56	0.18
17.00	1.03	0.59	0.11	43.50	3.16	2.61	0.18
17.50	1.06	0.62	0.11	44.00	3.20	2.65	0.18
18.00	1.09	0.64	0.11	44.50	3.25	2.69	0.18
18.50	1.12	0.67	0.11	45.00	3.29	2.74	0.18
19.00	1.15	0.70	0.11	45.50	3.34	2.78	0.18
19.50	1.18	0.73	0.11	46.00	3.38	2.82	0.18
20.00	1.21	0.75	0.11	46.50	3.42	2.86	0.18
20.50	1.25	0.78	0.11	47.00	3.47	2.91	0.18
21.00	1.28	0.81	0.11	47.50	3.51	2.95	0.18
21.50	1.31	0.83	0.11	48.00	3.56	2.99	0.18
22.00	1.34	0.86	0.11	48.50	3.61	3.05	0.20
22.50	1.37	0.89	0.11	49.00	3.66	3.10	0.20
23.00	1.40	0.92	0.11	49.50	3.71	3.15	0.20
23.50	1.43	0.95	0.11	50.00	3.76	3.20	0.20
24.00	1.46	0.97	0.11	50.50	3.82	3.26	0.24
24.50	1.49	1.00	0.15	51.00	3.88	3.32	0.25
25.00	1.53	1.04	0.15	51.50	3.95	3.38	0.26
25.50	1.57	1.08	0.16	52.00	4.01	3.44	0.27
26.00	1.61	1.11	0.16	52.50	4.10	3.53	0.34
26.50	1.65	1.15	0.16	53.00	4.19	3.61	0.38
27.00	1.70	1.19	0.17	53.50	4.28	3.71	0.41

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	3.82	0.44	80.50	13.50	12.89	0.00
54.50	4.51	3.94	0.50	81.00	13.50	12.89	0.00
55.00	4.64	4.06	0.54	81.50	13.50	12.89	0.00
55.50	4.78	4.20	0.58	82.00	13.50	12.89	0.00
56.00	4.93	4.35	0.62	82.50	13.50	12.89	0.00
56.50	5.10	4.51	0.70	83.00	13.50	12.89	0.00
57.00	5.28	4.70	0.76	83.50	13.50	12.89	0.00
57.50	5.47	4.89	0.81	84.00	13.50	12.89	0.00
58.00	5.68	5.10	0.87	84.50	13.50	12.89	0.00
58.50	5.92	5.33	0.99	85.00	13.50	12.89	0.00
59.00	6.24	5.65	1.40	85.50	13.50	12.89	0.00
59.50	6.74	6.14	2.03	86.00	13.50	12.89	0.00
60.00	10.08	9.48	11.55	86.50	13.50	12.89	0.00
60.50	10.81	10.20	2.65	87.00	13.50	12.89	0.00
61.00	11.19	10.58	1.50	87.50	13.50	12.89	0.00
61.50	11.46	10.85	1.05	88.00	13.50	12.89	0.00
62.00	11.69	11.08	0.92	88.50	13.50	12.89	0.00
62.50	11.87	11.26	0.70	89.00	13.50	12.89	0.00
63.00	12.03	11.42	0.64	89.50	13.50	12.89	0.00
63.50	12.18	11.57	0.57	90.00	13.50	12.89	0.00
64.00	12.31	11.70	0.51	90.50	13.50	12.89	0.00
64.50	12.40	11.79	0.36	91.00	13.50	12.89	0.00
65.00	12.49	11.88	0.36	91.50	13.50	12.89	0.00
65.50	12.58	11.96	0.36	92.00	13.50	12.89	0.00
66.00	12.66	12.05	0.36	92.50	13.50	12.89	0.00
66.50	12.75	12.14	0.36	93.00	13.50	12.89	0.00
67.00	12.84	12.23	0.36	93.50	13.50	12.89	0.00
67.50	12.94	12.33	0.37	94.00	13.50	12.89	0.00
68.00	13.02	12.41	0.33	94.50	13.50	12.89	0.00
68.50	13.08	12.47	0.24	95.00	13.50	12.89	0.00
69.00	13.14	12.53	0.24	95.50	13.50	12.89	0.00
69.50	13.20	12.59	0.24	96.00	13.50	12.89	0.00
70.00	13.26	12.65	0.24	96.50	13.50	12.89	0.00
70.50	13.32	12.71	0.24	97.00	13.50	12.89	0.00
71.00	13.38	12.77	0.24	97.50	13.50	12.89	0.00
71.50	13.44	12.83	0.24	98.00	13.50	12.89	0.00
72.00	13.50	12.89	0.24	98.50	13.50	12.89	0.00
72.50	13.50	12.89	0.00	99.00	13.50	12.89	0.00
73.00	13.50	12.89	0.00	99.50	13.50	12.89	0.00
73.50	13.50	12.89	0.00	100.00	13.50	12.89	0.00
74.00	13.50	12.89	0.00	100.50	13.50	12.89	0.00
74.50	13.50	12.89	0.00	101.00	13.50	12.89	0.00
75.00	13.50	12.89	0.00	101.50	13.50	12.89	0.00
75.50	13.50	12.89	0.00	102.00	13.50	12.89	0.00
76.00	13.50	12.89	0.00	102.50	13.50	12.89	0.00
76.50	13.50	12.89	0.00	103.00	13.50	12.89	0.00
77.00	13.50	12.89	0.00	103.50	13.50	12.89	0.00
77.50	13.50	12.89	0.00	104.00	13.50	12.89	0.00
78.00	13.50	12.89	0.00	104.50	13.50	12.89	0.00
78.50	13.50	12.89	0.00	105.00	13.50	12.89	0.00
79.00	13.50	12.89	0.00	105.50	13.50	12.89	0.00
79.50	13.50	12.89	0.00	106.00	13.50	12.89	0.00
80.00	13.50	12.89	0.00	106.50	13.50	12.89	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	12.89	0.00	133.50	13.50	12.89	0.00
107.50	13.50	12.89	0.00	134.00	13.50	12.89	0.00
108.00	13.50	12.89	0.00	134.50	13.50	12.89	0.00
108.50	13.50	12.89	0.00	135.00	13.50	12.89	0.00
109.00	13.50	12.89	0.00	135.50	13.50	12.89	0.00
109.50	13.50	12.89	0.00	136.00	13.50	12.89	0.00
110.00	13.50	12.89	0.00	136.50	13.50	12.89	0.00
110.50	13.50	12.89	0.00	137.00	13.50	12.89	0.00
111.00	13.50	12.89	0.00	137.50	13.50	12.89	0.00
111.50	13.50	12.89	0.00	138.00	13.50	12.89	0.00
112.00	13.50	12.89	0.00	138.50	13.50	12.89	0.00
112.50	13.50	12.89	0.00	139.00	13.50	12.89	0.00
113.00	13.50	12.89	0.00	139.50	13.50	12.89	0.00
113.50	13.50	12.89	0.00	140.00	13.50	12.89	0.00
114.00	13.50	12.89	0.00	140.50	13.50	12.89	0.00
114.50	13.50	12.89	0.00	141.00	13.50	12.89	0.00
115.00	13.50	12.89	0.00	141.50	13.50	12.89	0.00
115.50	13.50	12.89	0.00	142.00	13.50	12.89	0.00
116.00	13.50	12.89	0.00	142.50	13.50	12.89	0.00
116.50	13.50	12.89	0.00	143.00	13.50	12.89	0.00
117.00	13.50	12.89	0.00	143.50	13.50	12.89	0.00
117.50	13.50	12.89	0.00	144.00	13.50	12.89	0.00
118.00	13.50	12.89	0.00	144.50	13.50	12.89	0.00
118.50	13.50	12.89	0.00	145.00	13.50	12.89	0.00
119.00	13.50	12.89	0.00	145.50	13.50	12.89	0.00
119.50	13.50	12.89	0.00	146.00	13.50	12.89	0.00
120.00	13.50	12.89	0.00	146.50	13.50	12.89	0.00
120.50	13.50	12.89	0.00	147.00	13.50	12.89	0.00
121.00	13.50	12.89	0.00	147.50	13.50	12.89	0.00
121.50	13.50	12.89	0.00	148.00	13.50	12.89	0.00
122.00	13.50	12.89	0.00	148.50	13.50	12.89	0.00
122.50	13.50	12.89	0.00	149.00	13.50	12.89	0.00
123.00	13.50	12.89	0.00	149.50	13.50	12.89	0.00
123.50	13.50	12.89	0.00	150.00	13.50	12.89	0.00
124.00	13.50	12.89	0.00	150.50	13.50	12.89	0.00
124.50	13.50	12.89	0.00	151.00	13.50	12.89	0.00
125.00	13.50	12.89	0.00	151.50	13.50	12.89	0.00
125.50	13.50	12.89	0.00	152.00	13.50	12.89	0.00
126.00	13.50	12.89	0.00	152.50	13.50	12.89	0.00
126.50	13.50	12.89	0.00	153.00	13.50	12.89	0.00
127.00	13.50	12.89	0.00	153.50	13.50	12.89	0.00
127.50	13.50	12.89	0.00	154.00	13.50	12.89	0.00
128.00	13.50	12.89	0.00	154.50	13.50	12.89	0.00
128.50	13.50	12.89	0.00	155.00	13.50	12.89	0.00
129.00	13.50	12.89	0.00	155.50	13.50	12.89	0.00
129.50	13.50	12.89	0.00	156.00	13.50	12.89	0.00
130.00	13.50	12.89	0.00	156.50	13.50	12.89	0.00
130.50	13.50	12.89	0.00	157.00	13.50	12.89	0.00
131.00	13.50	12.89	0.00	157.50	13.50	12.89	0.00
131.50	13.50	12.89	0.00	158.00	13.50	12.89	0.00
132.00	13.50	12.89	0.00	158.50	13.50	12.89	0.00
132.50	13.50	12.89	0.00	159.00	13.50	12.89	0.00
133.00	13.50	12.89	0.00	159.50	13.50	12.89	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	12.89	0.00	186.50	13.50	12.89	0.00
160.50	13.50	12.89	0.00	187.00	13.50	12.89	0.00
161.00	13.50	12.89	0.00	187.50	13.50	12.89	0.00
161.50	13.50	12.89	0.00	188.00	13.50	12.89	0.00
162.00	13.50	12.89	0.00	188.50	13.50	12.89	0.00
162.50	13.50	12.89	0.00	189.00	13.50	12.89	0.00
163.00	13.50	12.89	0.00	189.50	13.50	12.89	0.00
163.50	13.50	12.89	0.00	190.00	13.50	12.89	0.00
164.00	13.50	12.89	0.00	190.50	13.50	12.89	0.00
164.50	13.50	12.89	0.00	191.00	13.50	12.89	0.00
165.00	13.50	12.89	0.00	191.50	13.50	12.89	0.00
165.50	13.50	12.89	0.00	192.00	13.50	12.89	0.00
166.00	13.50	12.89	0.00	192.50	13.50	12.89	0.00
166.50	13.50	12.89	0.00	193.00	13.50	12.89	0.00
167.00	13.50	12.89	0.00	193.50	13.50	12.89	0.00
167.50	13.50	12.89	0.00	194.00	13.50	12.89	0.00
168.00	13.50	12.89	0.00	194.50	13.50	12.89	0.00
168.50	13.50	12.89	0.00	195.00	13.50	12.89	0.00
169.00	13.50	12.89	0.00	195.50	13.50	12.89	0.00
169.50	13.50	12.89	0.00	196.00	13.50	12.89	0.00
170.00	13.50	12.89	0.00	196.50	13.50	12.89	0.00
170.50	13.50	12.89	0.00	197.00	13.50	12.89	0.00
171.00	13.50	12.89	0.00	197.50	13.50	12.89	0.00
171.50	13.50	12.89	0.00	198.00	13.50	12.89	0.00
172.00	13.50	12.89	0.00	198.50	13.50	12.89	0.00
172.50	13.50	12.89	0.00	199.00	13.50	12.89	0.00
173.00	13.50	12.89	0.00	199.50	13.50	12.89	0.00
173.50	13.50	12.89	0.00	200.00	13.50	12.89	0.00
174.00	13.50	12.89	0.00	200.50	13.50	12.89	0.00
174.50	13.50	12.89	0.00	201.00	13.50	12.89	0.00
175.00	13.50	12.89	0.00	201.50	13.50	12.89	0.00
175.50	13.50	12.89	0.00	202.00	13.50	12.89	0.00
176.00	13.50	12.89	0.00	202.50	13.50	12.89	0.00
176.50	13.50	12.89	0.00	203.00	13.50	12.89	0.00
177.00	13.50	12.89	0.00	203.50	13.50	12.89	0.00
177.50	13.50	12.89	0.00	204.00	13.50	12.89	0.00
178.00	13.50	12.89	0.00	204.50	13.50	12.89	0.00
178.50	13.50	12.89	0.00	205.00	13.50	12.89	0.00
179.00	13.50	12.89	0.00	205.50	13.50	12.89	0.00
179.50	13.50	12.89	0.00	206.00	13.50	12.89	0.00
180.00	13.50	12.89	0.00	206.50	13.50	12.89	0.00
180.50	13.50	12.89	0.00	207.00	13.50	12.89	0.00
181.00	13.50	12.89	0.00	207.50	13.50	12.89	0.00
181.50	13.50	12.89	0.00	208.00	13.50	12.89	0.00
182.00	13.50	12.89	0.00	208.50	13.50	12.89	0.00
182.50	13.50	12.89	0.00	209.00	13.50	12.89	0.00
183.00	13.50	12.89	0.00	209.50	13.50	12.89	0.00
183.50	13.50	12.89	0.00	210.00	13.50	12.89	0.00
184.00	13.50	12.89	0.00	210.50	13.50	12.89	0.00
184.50	13.50	12.89	0.00	211.00	13.50	12.89	0.00
185.00	13.50	12.89	0.00	211.50	13.50	12.89	0.00
185.50	13.50	12.89	0.00	212.00	13.50	12.89	0.00
186.00	13.50	12.89	0.00	212.50	13.50	12.89	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	12.89	0.00	239.50	13.50	12.89	0.00
213.50	13.50	12.89	0.00	240.00	13.50	12.89	0.00
214.00	13.50	12.89	0.00	240.50	13.50	12.89	0.00
214.50	13.50	12.89	0.00	241.00	13.50	12.89	0.00
215.00	13.50	12.89	0.00	241.50	13.50	12.89	0.00
215.50	13.50	12.89	0.00	242.00	13.50	12.89	0.00
216.00	13.50	12.89	0.00	242.50	13.50	12.89	0.00
216.50	13.50	12.89	0.00	243.00	13.50	12.89	0.00
217.00	13.50	12.89	0.00	243.50	13.50	12.89	0.00
217.50	13.50	12.89	0.00	244.00	13.50	12.89	0.00
218.00	13.50	12.89	0.00	244.50	13.50	12.89	0.00
218.50	13.50	12.89	0.00	245.00	13.50	12.89	0.00
219.00	13.50	12.89	0.00	245.50	13.50	12.89	0.00
219.50	13.50	12.89	0.00	246.00	13.50	12.89	0.00
220.00	13.50	12.89	0.00	246.50	13.50	12.89	0.00
220.50	13.50	12.89	0.00	247.00	13.50	12.89	0.00
221.00	13.50	12.89	0.00	247.50	13.50	12.89	0.00
221.50	13.50	12.89	0.00	248.00	13.50	12.89	0.00
222.00	13.50	12.89	0.00	248.50	13.50	12.89	0.00
222.50	13.50	12.89	0.00	249.00	13.50	12.89	0.00
223.00	13.50	12.89	0.00	249.50	13.50	12.89	0.00
223.50	13.50	12.89	0.00	250.00	13.50	12.89	0.00
224.00	13.50	12.89	0.00	250.50	13.50	12.89	0.00
224.50	13.50	12.89	0.00	251.00	13.50	12.89	0.00
225.00	13.50	12.89	0.00	251.50	13.50	12.89	0.00
225.50	13.50	12.89	0.00	252.00	13.50	12.89	0.00
226.00	13.50	12.89	0.00	252.50	13.50	12.89	0.00
226.50	13.50	12.89	0.00	253.00	13.50	12.89	0.00
227.00	13.50	12.89	0.00	253.50	13.50	12.89	0.00
227.50	13.50	12.89	0.00	254.00	13.50	12.89	0.00
228.00	13.50	12.89	0.00	254.50	13.50	12.89	0.00
228.50	13.50	12.89	0.00	255.00	13.50	12.89	0.00
229.00	13.50	12.89	0.00	255.50	13.50	12.89	0.00
229.50	13.50	12.89	0.00	256.00	13.50	12.89	0.00
230.00	13.50	12.89	0.00	256.50	13.50	12.89	0.00
230.50	13.50	12.89	0.00	257.00	13.50	12.89	0.00
231.00	13.50	12.89	0.00	257.50	13.50	12.89	0.00
231.50	13.50	12.89	0.00	258.00	13.50	12.89	0.00
232.00	13.50	12.89	0.00	258.50	13.50	12.89	0.00
232.50	13.50	12.89	0.00	259.00	13.50	12.89	0.00
233.00	13.50	12.89	0.00	259.50	13.50	12.89	0.00
233.50	13.50	12.89	0.00	260.00	13.50	12.89	0.00
234.00	13.50	12.89	0.00	260.50	13.50	12.89	0.00
234.50	13.50	12.89	0.00	261.00	13.50	12.89	0.00
235.00	13.50	12.89	0.00	261.50	13.50	12.89	0.00
235.50	13.50	12.89	0.00	262.00	13.50	12.89	0.00
236.00	13.50	12.89	0.00	262.50	13.50	12.89	0.00
236.50	13.50	12.89	0.00	263.00	13.50	12.89	0.00
237.00	13.50	12.89	0.00	263.50	13.50	12.89	0.00
237.50	13.50	12.89	0.00	264.00	13.50	12.89	0.00
238.00	13.50	12.89	0.00	264.50	13.50	12.89	0.00
238.50	13.50	12.89	0.00	265.00	13.50	12.89	0.00
239.00	13.50	12.89	0.00	265.50	13.50	12.89	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 6S: SB-4A (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	12.89	0.00	292.50	13.50	12.89	0.00
266.50	13.50	12.89	0.00	293.00	13.50	12.89	0.00
267.00	13.50	12.89	0.00	293.50	13.50	12.89	0.00
267.50	13.50	12.89	0.00	294.00	13.50	12.89	0.00
268.00	13.50	12.89	0.00	294.50	13.50	12.89	0.00
268.50	13.50	12.89	0.00	295.00	13.50	12.89	0.00
269.00	13.50	12.89	0.00	295.50	13.50	12.89	0.00
269.50	13.50	12.89	0.00	296.00	13.50	12.89	0.00
270.00	13.50	12.89	0.00	296.50	13.50	12.89	0.00
270.50	13.50	12.89	0.00	297.00	13.50	12.89	0.00
271.00	13.50	12.89	0.00	297.50	13.50	12.89	0.00
271.50	13.50	12.89	0.00	298.00	13.50	12.89	0.00
272.00	13.50	12.89	0.00	298.50	13.50	12.89	0.00
272.50	13.50	12.89	0.00	299.00	13.50	12.89	0.00
273.00	13.50	12.89	0.00	299.50	13.50	12.89	0.00
273.50	13.50	12.89	0.00	300.00	13.50	12.89	0.00
274.00	13.50	12.89	0.00				
274.50	13.50	12.89	0.00				
275.00	13.50	12.89	0.00				
275.50	13.50	12.89	0.00				
276.00	13.50	12.89	0.00				
276.50	13.50	12.89	0.00				
277.00	13.50	12.89	0.00				
277.50	13.50	12.89	0.00				
278.00	13.50	12.89	0.00				
278.50	13.50	12.89	0.00				
279.00	13.50	12.89	0.00				
279.50	13.50	12.89	0.00				
280.00	13.50	12.89	0.00				
280.50	13.50	12.89	0.00				
281.00	13.50	12.89	0.00				
281.50	13.50	12.89	0.00				
282.00	13.50	12.89	0.00				
282.50	13.50	12.89	0.00				
283.00	13.50	12.89	0.00				
283.50	13.50	12.89	0.00				
284.00	13.50	12.89	0.00				
284.50	13.50	12.89	0.00				
285.00	13.50	12.89	0.00				
285.50	13.50	12.89	0.00				
286.00	13.50	12.89	0.00				
286.50	13.50	12.89	0.00				
287.00	13.50	12.89	0.00				
287.50	13.50	12.89	0.00				
288.00	13.50	12.89	0.00				
288.50	13.50	12.89	0.00				
289.00	13.50	12.89	0.00				
289.50	13.50	12.89	0.00				
290.00	13.50	12.89	0.00				
290.50	13.50	12.89	0.00				
291.00	13.50	12.89	0.00				
291.50	13.50	12.89	0.00				
292.00	13.50	12.89	0.00				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 7S: SB-4B

Runoff = 8.13 cfs @ 59.84 hrs, Volume= 1.039 af, Depth>13.27"

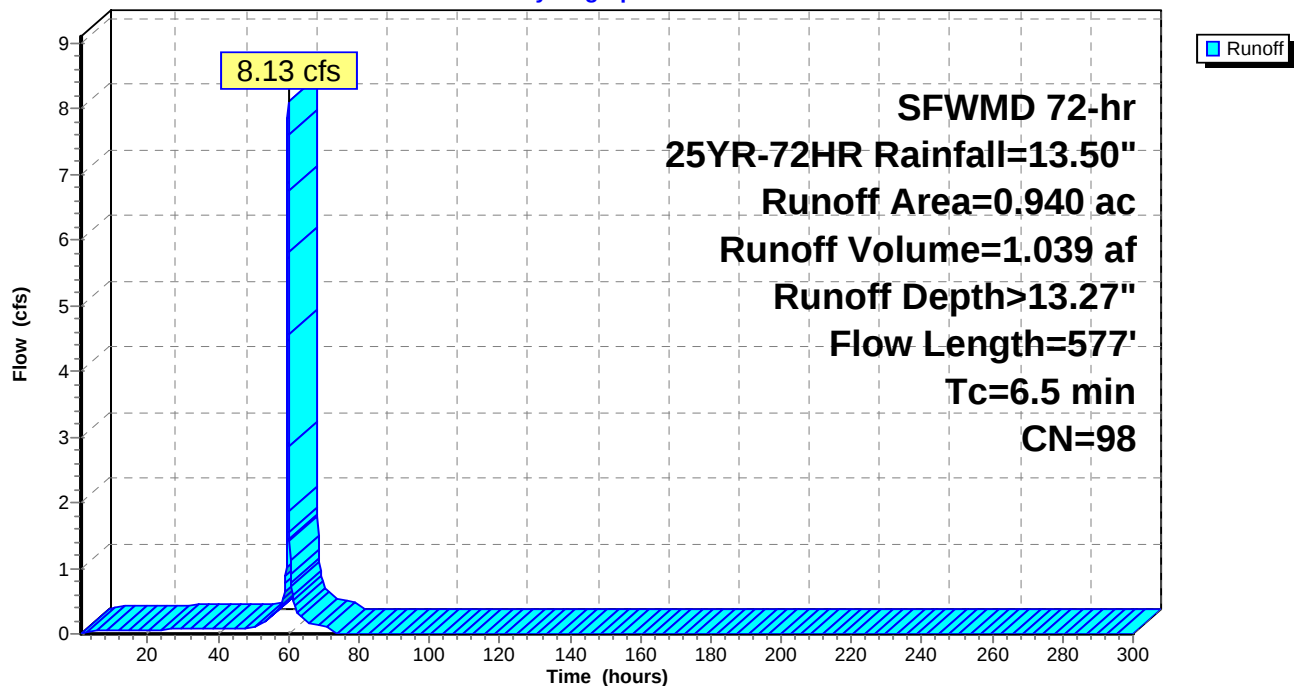
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
* 0.940	98	Gravel surface, HSG C
0.940		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
1.4	145	0.0140	1.71		Sheet Flow, Overland Flow to a Sump Pump Smooth surfaces n= 0.011 P2= 5.70"
5.1	432	0.0025	1.42	0.12	Pipe Channel, A pipe from the sump pump into the pond 4.0" Round Area= 0.1 sf Perim= 1.0' r= 0.08' n= 0.010 PVC, smooth interior
6.5	577	Total			

Subcatchment 7S: SB-4B

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.01	27.50	1.74	1.52	0.08
1.50	0.09	0.01	0.02	28.00	1.78	1.56	0.08
2.00	0.12	0.02	0.03	28.50	1.83	1.61	0.09
2.50	0.15	0.04	0.03	29.00	1.88	1.65	0.09
3.00	0.18	0.06	0.04	29.50	1.92	1.70	0.09
3.50	0.21	0.08	0.04	30.00	1.97	1.74	0.09
4.00	0.24	0.10	0.04	30.50	2.02	1.79	0.08
4.50	0.27	0.12	0.04	31.00	2.06	1.84	0.08
5.00	0.30	0.15	0.05	31.50	2.11	1.88	0.08
5.50	0.33	0.17	0.05	32.00	2.15	1.92	0.08
6.00	0.36	0.20	0.05	32.50	2.20	1.97	0.08
6.50	0.39	0.22	0.05	33.00	2.24	2.01	0.08
7.00	0.43	0.25	0.05	33.50	2.28	2.06	0.08
7.50	0.46	0.28	0.05	34.00	2.33	2.10	0.08
8.00	0.49	0.31	0.05	34.50	2.37	2.14	0.08
8.50	0.52	0.33	0.05	35.00	2.42	2.19	0.08
9.00	0.55	0.36	0.05	35.50	2.46	2.23	0.08
9.50	0.58	0.39	0.05	36.00	2.50	2.27	0.08
10.00	0.61	0.42	0.05	36.50	2.55	2.32	0.08
10.50	0.64	0.44	0.05	37.00	2.59	2.36	0.08
11.00	0.67	0.47	0.05	37.50	2.63	2.40	0.08
11.50	0.70	0.50	0.05	38.00	2.68	2.45	0.08
12.00	0.73	0.53	0.05	38.50	2.72	2.49	0.08
12.50	0.76	0.56	0.05	39.00	2.77	2.54	0.08
13.00	0.79	0.59	0.05	39.50	2.81	2.58	0.08
13.50	0.82	0.62	0.06	40.00	2.85	2.62	0.08
14.00	0.85	0.65	0.06	40.50	2.90	2.67	0.08
14.50	0.88	0.68	0.06	41.00	2.94	2.71	0.08
15.00	0.91	0.71	0.06	41.50	2.99	2.75	0.08
15.50	0.94	0.73	0.06	42.00	3.03	2.80	0.08
16.00	0.97	0.76	0.06	42.50	3.07	2.84	0.08
16.50	1.00	0.79	0.06	43.00	3.12	2.88	0.08
17.00	1.03	0.82	0.06	43.50	3.16	2.93	0.08
17.50	1.06	0.85	0.06	44.00	3.20	2.97	0.08
18.00	1.09	0.88	0.06	44.50	3.25	3.02	0.08
18.50	1.12	0.91	0.06	45.00	3.29	3.06	0.08
19.00	1.15	0.94	0.06	45.50	3.34	3.10	0.08
19.50	1.18	0.97	0.06	46.00	3.38	3.15	0.08
20.00	1.21	1.00	0.06	46.50	3.42	3.19	0.08
20.50	1.25	1.03	0.06	47.00	3.47	3.23	0.08
21.00	1.28	1.06	0.06	47.50	3.51	3.28	0.08
21.50	1.31	1.09	0.06	48.00	3.56	3.32	0.08
22.00	1.34	1.12	0.06	48.50	3.61	3.38	0.09
22.50	1.37	1.15	0.06	49.00	3.66	3.43	0.09
23.00	1.40	1.18	0.06	49.50	3.71	3.48	0.09
23.50	1.43	1.21	0.06	50.00	3.76	3.53	0.10
24.00	1.46	1.24	0.06	50.50	3.82	3.59	0.11
24.50	1.49	1.27	0.07	51.00	3.88	3.65	0.12
25.00	1.53	1.31	0.08	51.50	3.95	3.71	0.12
25.50	1.57	1.35	0.08	52.00	4.01	3.78	0.13
26.00	1.61	1.39	0.08	52.50	4.10	3.86	0.16
26.50	1.65	1.43	0.08	53.00	4.19	3.95	0.18
27.00	1.70	1.47	0.08	53.50	4.28	4.05	0.19

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	4.16	0.21	80.50	13.50	13.26	0.00
54.50	4.51	4.28	0.23	81.00	13.50	13.26	0.00
55.00	4.64	4.40	0.25	81.50	13.50	13.26	0.00
55.50	4.78	4.54	0.27	82.00	13.50	13.26	0.00
56.00	4.93	4.69	0.29	82.50	13.50	13.26	0.00
56.50	5.10	4.86	0.33	83.00	13.50	13.26	0.00
57.00	5.28	5.04	0.35	83.50	13.50	13.26	0.00
57.50	5.47	5.24	0.38	84.00	13.50	13.26	0.00
58.00	5.68	5.45	0.40	84.50	13.50	13.26	0.00
58.50	5.92	5.68	0.46	85.00	13.50	13.26	0.00
59.00	6.24	6.00	0.65	85.50	13.50	13.26	0.00
59.50	6.74	6.50	0.95	86.00	13.50	13.26	0.00
60.00	10.08	9.84	5.82	86.50	13.50	13.26	0.00
60.50	10.81	10.57	1.29	87.00	13.50	13.26	0.00
61.00	11.19	10.94	0.71	87.50	13.50	13.26	0.00
61.50	11.46	11.21	0.49	88.00	13.50	13.26	0.00
62.00	11.69	11.45	0.43	88.50	13.50	13.26	0.00
62.50	11.87	11.63	0.33	89.00	13.50	13.26	0.00
63.00	12.03	11.79	0.30	89.50	13.50	13.26	0.00
63.50	12.18	11.94	0.27	90.00	13.50	13.26	0.00
64.00	12.31	12.07	0.24	90.50	13.50	13.26	0.00
64.50	12.40	12.16	0.17	91.00	13.50	13.26	0.00
65.00	12.49	12.24	0.17	91.50	13.50	13.26	0.00
65.50	12.58	12.33	0.17	92.00	13.50	13.26	0.00
66.00	12.66	12.42	0.17	92.50	13.50	13.26	0.00
66.50	12.75	12.51	0.17	93.00	13.50	13.26	0.00
67.00	12.84	12.60	0.17	93.50	13.50	13.26	0.00
67.50	12.94	12.70	0.17	94.00	13.50	13.26	0.00
68.00	13.02	12.78	0.15	94.50	13.50	13.26	0.00
68.50	13.08	12.84	0.11	95.00	13.50	13.26	0.00
69.00	13.14	12.90	0.11	95.50	13.50	13.26	0.00
69.50	13.20	12.96	0.11	96.00	13.50	13.26	0.00
70.00	13.26	13.02	0.11	96.50	13.50	13.26	0.00
70.50	13.32	13.08	0.11	97.00	13.50	13.26	0.00
71.00	13.38	13.14	0.11	97.50	13.50	13.26	0.00
71.50	13.44	13.20	0.11	98.00	13.50	13.26	0.00
72.00	13.50	13.26	0.11	98.50	13.50	13.26	0.00
72.50	13.50	13.26	0.00	99.00	13.50	13.26	0.00
73.00	13.50	13.26	0.00	99.50	13.50	13.26	0.00
73.50	13.50	13.26	0.00	100.00	13.50	13.26	0.00
74.00	13.50	13.26	0.00	100.50	13.50	13.26	0.00
74.50	13.50	13.26	0.00	101.00	13.50	13.26	0.00
75.00	13.50	13.26	0.00	101.50	13.50	13.26	0.00
75.50	13.50	13.26	0.00	102.00	13.50	13.26	0.00
76.00	13.50	13.26	0.00	102.50	13.50	13.26	0.00
76.50	13.50	13.26	0.00	103.00	13.50	13.26	0.00
77.00	13.50	13.26	0.00	103.50	13.50	13.26	0.00
77.50	13.50	13.26	0.00	104.00	13.50	13.26	0.00
78.00	13.50	13.26	0.00	104.50	13.50	13.26	0.00
78.50	13.50	13.26	0.00	105.00	13.50	13.26	0.00
79.00	13.50	13.26	0.00	105.50	13.50	13.26	0.00
79.50	13.50	13.26	0.00	106.00	13.50	13.26	0.00
80.00	13.50	13.26	0.00	106.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	13.26	0.00	133.50	13.50	13.26	0.00
107.50	13.50	13.26	0.00	134.00	13.50	13.26	0.00
108.00	13.50	13.26	0.00	134.50	13.50	13.26	0.00
108.50	13.50	13.26	0.00	135.00	13.50	13.26	0.00
109.00	13.50	13.26	0.00	135.50	13.50	13.26	0.00
109.50	13.50	13.26	0.00	136.00	13.50	13.26	0.00
110.00	13.50	13.26	0.00	136.50	13.50	13.26	0.00
110.50	13.50	13.26	0.00	137.00	13.50	13.26	0.00
111.00	13.50	13.26	0.00	137.50	13.50	13.26	0.00
111.50	13.50	13.26	0.00	138.00	13.50	13.26	0.00
112.00	13.50	13.26	0.00	138.50	13.50	13.26	0.00
112.50	13.50	13.26	0.00	139.00	13.50	13.26	0.00
113.00	13.50	13.26	0.00	139.50	13.50	13.26	0.00
113.50	13.50	13.26	0.00	140.00	13.50	13.26	0.00
114.00	13.50	13.26	0.00	140.50	13.50	13.26	0.00
114.50	13.50	13.26	0.00	141.00	13.50	13.26	0.00
115.00	13.50	13.26	0.00	141.50	13.50	13.26	0.00
115.50	13.50	13.26	0.00	142.00	13.50	13.26	0.00
116.00	13.50	13.26	0.00	142.50	13.50	13.26	0.00
116.50	13.50	13.26	0.00	143.00	13.50	13.26	0.00
117.00	13.50	13.26	0.00	143.50	13.50	13.26	0.00
117.50	13.50	13.26	0.00	144.00	13.50	13.26	0.00
118.00	13.50	13.26	0.00	144.50	13.50	13.26	0.00
118.50	13.50	13.26	0.00	145.00	13.50	13.26	0.00
119.00	13.50	13.26	0.00	145.50	13.50	13.26	0.00
119.50	13.50	13.26	0.00	146.00	13.50	13.26	0.00
120.00	13.50	13.26	0.00	146.50	13.50	13.26	0.00
120.50	13.50	13.26	0.00	147.00	13.50	13.26	0.00
121.00	13.50	13.26	0.00	147.50	13.50	13.26	0.00
121.50	13.50	13.26	0.00	148.00	13.50	13.26	0.00
122.00	13.50	13.26	0.00	148.50	13.50	13.26	0.00
122.50	13.50	13.26	0.00	149.00	13.50	13.26	0.00
123.00	13.50	13.26	0.00	149.50	13.50	13.26	0.00
123.50	13.50	13.26	0.00	150.00	13.50	13.26	0.00
124.00	13.50	13.26	0.00	150.50	13.50	13.26	0.00
124.50	13.50	13.26	0.00	151.00	13.50	13.26	0.00
125.00	13.50	13.26	0.00	151.50	13.50	13.26	0.00
125.50	13.50	13.26	0.00	152.00	13.50	13.26	0.00
126.00	13.50	13.26	0.00	152.50	13.50	13.26	0.00
126.50	13.50	13.26	0.00	153.00	13.50	13.26	0.00
127.00	13.50	13.26	0.00	153.50	13.50	13.26	0.00
127.50	13.50	13.26	0.00	154.00	13.50	13.26	0.00
128.00	13.50	13.26	0.00	154.50	13.50	13.26	0.00
128.50	13.50	13.26	0.00	155.00	13.50	13.26	0.00
129.00	13.50	13.26	0.00	155.50	13.50	13.26	0.00
129.50	13.50	13.26	0.00	156.00	13.50	13.26	0.00
130.00	13.50	13.26	0.00	156.50	13.50	13.26	0.00
130.50	13.50	13.26	0.00	157.00	13.50	13.26	0.00
131.00	13.50	13.26	0.00	157.50	13.50	13.26	0.00
131.50	13.50	13.26	0.00	158.00	13.50	13.26	0.00
132.00	13.50	13.26	0.00	158.50	13.50	13.26	0.00
132.50	13.50	13.26	0.00	159.00	13.50	13.26	0.00
133.00	13.50	13.26	0.00	159.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	13.26	0.00	186.50	13.50	13.26	0.00
160.50	13.50	13.26	0.00	187.00	13.50	13.26	0.00
161.00	13.50	13.26	0.00	187.50	13.50	13.26	0.00
161.50	13.50	13.26	0.00	188.00	13.50	13.26	0.00
162.00	13.50	13.26	0.00	188.50	13.50	13.26	0.00
162.50	13.50	13.26	0.00	189.00	13.50	13.26	0.00
163.00	13.50	13.26	0.00	189.50	13.50	13.26	0.00
163.50	13.50	13.26	0.00	190.00	13.50	13.26	0.00
164.00	13.50	13.26	0.00	190.50	13.50	13.26	0.00
164.50	13.50	13.26	0.00	191.00	13.50	13.26	0.00
165.00	13.50	13.26	0.00	191.50	13.50	13.26	0.00
165.50	13.50	13.26	0.00	192.00	13.50	13.26	0.00
166.00	13.50	13.26	0.00	192.50	13.50	13.26	0.00
166.50	13.50	13.26	0.00	193.00	13.50	13.26	0.00
167.00	13.50	13.26	0.00	193.50	13.50	13.26	0.00
167.50	13.50	13.26	0.00	194.00	13.50	13.26	0.00
168.00	13.50	13.26	0.00	194.50	13.50	13.26	0.00
168.50	13.50	13.26	0.00	195.00	13.50	13.26	0.00
169.00	13.50	13.26	0.00	195.50	13.50	13.26	0.00
169.50	13.50	13.26	0.00	196.00	13.50	13.26	0.00
170.00	13.50	13.26	0.00	196.50	13.50	13.26	0.00
170.50	13.50	13.26	0.00	197.00	13.50	13.26	0.00
171.00	13.50	13.26	0.00	197.50	13.50	13.26	0.00
171.50	13.50	13.26	0.00	198.00	13.50	13.26	0.00
172.00	13.50	13.26	0.00	198.50	13.50	13.26	0.00
172.50	13.50	13.26	0.00	199.00	13.50	13.26	0.00
173.00	13.50	13.26	0.00	199.50	13.50	13.26	0.00
173.50	13.50	13.26	0.00	200.00	13.50	13.26	0.00
174.00	13.50	13.26	0.00	200.50	13.50	13.26	0.00
174.50	13.50	13.26	0.00	201.00	13.50	13.26	0.00
175.00	13.50	13.26	0.00	201.50	13.50	13.26	0.00
175.50	13.50	13.26	0.00	202.00	13.50	13.26	0.00
176.00	13.50	13.26	0.00	202.50	13.50	13.26	0.00
176.50	13.50	13.26	0.00	203.00	13.50	13.26	0.00
177.00	13.50	13.26	0.00	203.50	13.50	13.26	0.00
177.50	13.50	13.26	0.00	204.00	13.50	13.26	0.00
178.00	13.50	13.26	0.00	204.50	13.50	13.26	0.00
178.50	13.50	13.26	0.00	205.00	13.50	13.26	0.00
179.00	13.50	13.26	0.00	205.50	13.50	13.26	0.00
179.50	13.50	13.26	0.00	206.00	13.50	13.26	0.00
180.00	13.50	13.26	0.00	206.50	13.50	13.26	0.00
180.50	13.50	13.26	0.00	207.00	13.50	13.26	0.00
181.00	13.50	13.26	0.00	207.50	13.50	13.26	0.00
181.50	13.50	13.26	0.00	208.00	13.50	13.26	0.00
182.00	13.50	13.26	0.00	208.50	13.50	13.26	0.00
182.50	13.50	13.26	0.00	209.00	13.50	13.26	0.00
183.00	13.50	13.26	0.00	209.50	13.50	13.26	0.00
183.50	13.50	13.26	0.00	210.00	13.50	13.26	0.00
184.00	13.50	13.26	0.00	210.50	13.50	13.26	0.00
184.50	13.50	13.26	0.00	211.00	13.50	13.26	0.00
185.00	13.50	13.26	0.00	211.50	13.50	13.26	0.00
185.50	13.50	13.26	0.00	212.00	13.50	13.26	0.00
186.00	13.50	13.26	0.00	212.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	13.26	0.00	239.50	13.50	13.26	0.00
213.50	13.50	13.26	0.00	240.00	13.50	13.26	0.00
214.00	13.50	13.26	0.00	240.50	13.50	13.26	0.00
214.50	13.50	13.26	0.00	241.00	13.50	13.26	0.00
215.00	13.50	13.26	0.00	241.50	13.50	13.26	0.00
215.50	13.50	13.26	0.00	242.00	13.50	13.26	0.00
216.00	13.50	13.26	0.00	242.50	13.50	13.26	0.00
216.50	13.50	13.26	0.00	243.00	13.50	13.26	0.00
217.00	13.50	13.26	0.00	243.50	13.50	13.26	0.00
217.50	13.50	13.26	0.00	244.00	13.50	13.26	0.00
218.00	13.50	13.26	0.00	244.50	13.50	13.26	0.00
218.50	13.50	13.26	0.00	245.00	13.50	13.26	0.00
219.00	13.50	13.26	0.00	245.50	13.50	13.26	0.00
219.50	13.50	13.26	0.00	246.00	13.50	13.26	0.00
220.00	13.50	13.26	0.00	246.50	13.50	13.26	0.00
220.50	13.50	13.26	0.00	247.00	13.50	13.26	0.00
221.00	13.50	13.26	0.00	247.50	13.50	13.26	0.00
221.50	13.50	13.26	0.00	248.00	13.50	13.26	0.00
222.00	13.50	13.26	0.00	248.50	13.50	13.26	0.00
222.50	13.50	13.26	0.00	249.00	13.50	13.26	0.00
223.00	13.50	13.26	0.00	249.50	13.50	13.26	0.00
223.50	13.50	13.26	0.00	250.00	13.50	13.26	0.00
224.00	13.50	13.26	0.00	250.50	13.50	13.26	0.00
224.50	13.50	13.26	0.00	251.00	13.50	13.26	0.00
225.00	13.50	13.26	0.00	251.50	13.50	13.26	0.00
225.50	13.50	13.26	0.00	252.00	13.50	13.26	0.00
226.00	13.50	13.26	0.00	252.50	13.50	13.26	0.00
226.50	13.50	13.26	0.00	253.00	13.50	13.26	0.00
227.00	13.50	13.26	0.00	253.50	13.50	13.26	0.00
227.50	13.50	13.26	0.00	254.00	13.50	13.26	0.00
228.00	13.50	13.26	0.00	254.50	13.50	13.26	0.00
228.50	13.50	13.26	0.00	255.00	13.50	13.26	0.00
229.00	13.50	13.26	0.00	255.50	13.50	13.26	0.00
229.50	13.50	13.26	0.00	256.00	13.50	13.26	0.00
230.00	13.50	13.26	0.00	256.50	13.50	13.26	0.00
230.50	13.50	13.26	0.00	257.00	13.50	13.26	0.00
231.00	13.50	13.26	0.00	257.50	13.50	13.26	0.00
231.50	13.50	13.26	0.00	258.00	13.50	13.26	0.00
232.00	13.50	13.26	0.00	258.50	13.50	13.26	0.00
232.50	13.50	13.26	0.00	259.00	13.50	13.26	0.00
233.00	13.50	13.26	0.00	259.50	13.50	13.26	0.00
233.50	13.50	13.26	0.00	260.00	13.50	13.26	0.00
234.00	13.50	13.26	0.00	260.50	13.50	13.26	0.00
234.50	13.50	13.26	0.00	261.00	13.50	13.26	0.00
235.00	13.50	13.26	0.00	261.50	13.50	13.26	0.00
235.50	13.50	13.26	0.00	262.00	13.50	13.26	0.00
236.00	13.50	13.26	0.00	262.50	13.50	13.26	0.00
236.50	13.50	13.26	0.00	263.00	13.50	13.26	0.00
237.00	13.50	13.26	0.00	263.50	13.50	13.26	0.00
237.50	13.50	13.26	0.00	264.00	13.50	13.26	0.00
238.00	13.50	13.26	0.00	264.50	13.50	13.26	0.00
238.50	13.50	13.26	0.00	265.00	13.50	13.26	0.00
239.00	13.50	13.26	0.00	265.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 7S: SB-4B (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	13.26	0.00	292.50	13.50	13.26	0.00
266.50	13.50	13.26	0.00	293.00	13.50	13.26	0.00
267.00	13.50	13.26	0.00	293.50	13.50	13.26	0.00
267.50	13.50	13.26	0.00	294.00	13.50	13.26	0.00
268.00	13.50	13.26	0.00	294.50	13.50	13.26	0.00
268.50	13.50	13.26	0.00	295.00	13.50	13.26	0.00
269.00	13.50	13.26	0.00	295.50	13.50	13.26	0.00
269.50	13.50	13.26	0.00	296.00	13.50	13.26	0.00
270.00	13.50	13.26	0.00	296.50	13.50	13.26	0.00
270.50	13.50	13.26	0.00	297.00	13.50	13.26	0.00
271.00	13.50	13.26	0.00	297.50	13.50	13.26	0.00
271.50	13.50	13.26	0.00	298.00	13.50	13.26	0.00
272.00	13.50	13.26	0.00	298.50	13.50	13.26	0.00
272.50	13.50	13.26	0.00	299.00	13.50	13.26	0.00
273.00	13.50	13.26	0.00	299.50	13.50	13.26	0.00
273.50	13.50	13.26	0.00	300.00	13.50	13.26	0.00
274.00	13.50	13.26	0.00				
274.50	13.50	13.26	0.00				
275.00	13.50	13.26	0.00				
275.50	13.50	13.26	0.00				
276.00	13.50	13.26	0.00				
276.50	13.50	13.26	0.00				
277.00	13.50	13.26	0.00				
277.50	13.50	13.26	0.00				
278.00	13.50	13.26	0.00				
278.50	13.50	13.26	0.00				
279.00	13.50	13.26	0.00				
279.50	13.50	13.26	0.00				
280.00	13.50	13.26	0.00				
280.50	13.50	13.26	0.00				
281.00	13.50	13.26	0.00				
281.50	13.50	13.26	0.00				
282.00	13.50	13.26	0.00				
282.50	13.50	13.26	0.00				
283.00	13.50	13.26	0.00				
283.50	13.50	13.26	0.00				
284.00	13.50	13.26	0.00				
284.50	13.50	13.26	0.00				
285.00	13.50	13.26	0.00				
285.50	13.50	13.26	0.00				
286.00	13.50	13.26	0.00				
286.50	13.50	13.26	0.00				
287.00	13.50	13.26	0.00				
287.50	13.50	13.26	0.00				
288.00	13.50	13.26	0.00				
288.50	13.50	13.26	0.00				
289.00	13.50	13.26	0.00				
289.50	13.50	13.26	0.00				
290.00	13.50	13.26	0.00				
290.50	13.50	13.26	0.00				
291.00	13.50	13.26	0.00				
291.50	13.50	13.26	0.00				
292.00	13.50	13.26	0.00				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 8S: SB-1

Runoff = 83.41 cfs @ 59.82 hrs, Volume= 10.100 af, Depth=12.77"

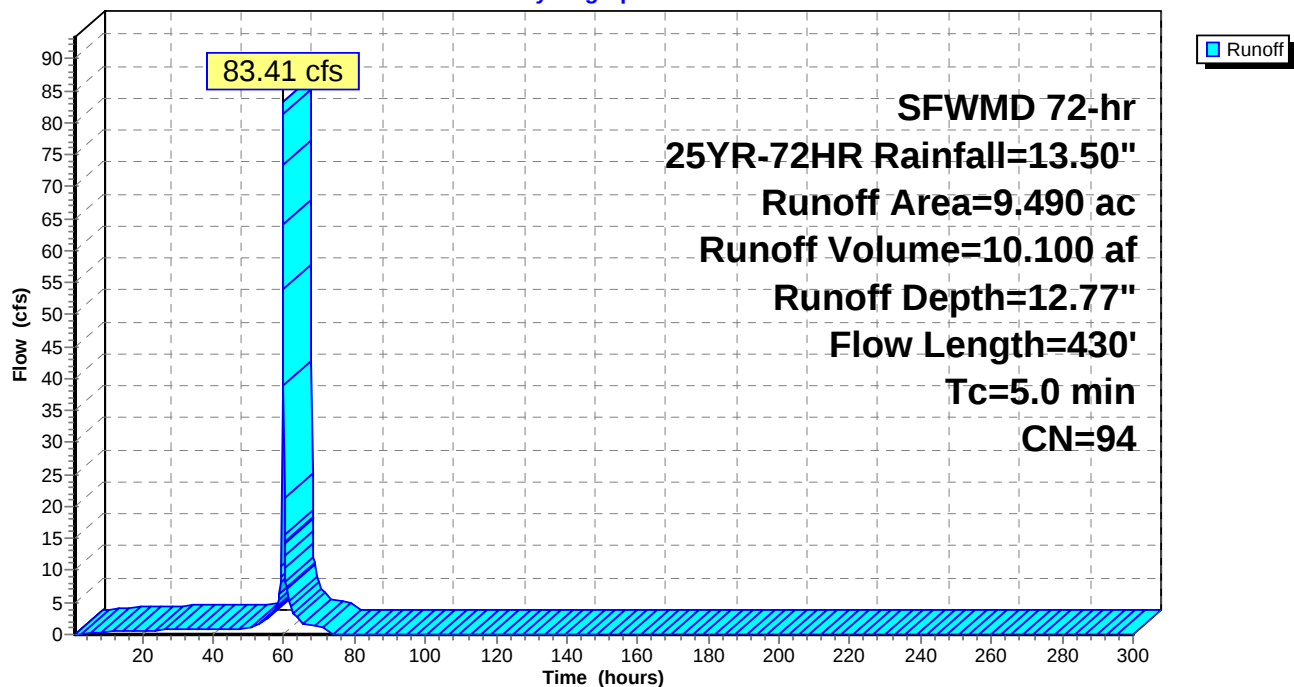
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
1.700	74	>75% Grass cover, Good, HSG C
0.780	98	Roofs, HSG C
1.190	98	Paved parking, HSG C
* 3.300	98	Gravel surface, HSG C
2.520	98	Water Surface, HSG C
9.490	94	Weighted Average
1.700		17.91% Pervious Area
7.790		82.09% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.2	300	0.0080	1.59		Sheet Flow, Overland Flow Smooth surfaces n= 0.011 P2= 5.70"
1.6	130	0.0070	1.35		Shallow Concentrated Flow, SCF Unpaved Kv= 16.1 fps
4.8	430	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 8S: SB-1

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.00	27.50	1.74	1.15	0.78
1.50	0.09	0.00	0.00	28.00	1.78	1.20	0.79
2.00	0.12	0.00	0.00	28.50	1.83	1.24	0.81
2.50	0.15	0.00	0.03	29.00	1.88	1.28	0.82
3.00	0.18	0.00	0.08	29.50	1.92	1.32	0.84
3.50	0.21	0.01	0.12	30.00	1.97	1.37	0.87
4.00	0.24	0.02	0.16	30.50	2.02	1.42	0.79
4.50	0.27	0.03	0.19	31.00	2.06	1.46	0.79
5.00	0.30	0.04	0.22	31.50	2.11	1.50	0.79
5.50	0.33	0.05	0.25	32.00	2.15	1.54	0.79
6.00	0.36	0.06	0.27	32.50	2.20	1.58	0.79
6.50	0.39	0.08	0.29	33.00	2.24	1.62	0.79
7.00	0.43	0.09	0.31	33.50	2.28	1.66	0.80
7.50	0.46	0.11	0.33	34.00	2.33	1.71	0.80
8.00	0.49	0.13	0.34	34.50	2.37	1.75	0.80
8.50	0.52	0.15	0.35	35.00	2.42	1.79	0.80
9.00	0.55	0.17	0.37	35.50	2.46	1.83	0.80
9.50	0.58	0.19	0.38	36.00	2.50	1.87	0.80
10.00	0.61	0.21	0.39	36.50	2.55	1.91	0.80
10.50	0.64	0.23	0.40	37.00	2.59	1.96	0.80
11.00	0.67	0.25	0.41	37.50	2.63	2.00	0.80
11.50	0.70	0.27	0.42	38.00	2.68	2.04	0.81
12.00	0.73	0.29	0.43	38.50	2.72	2.08	0.81
12.50	0.76	0.31	0.43	39.00	2.77	2.12	0.81
13.00	0.79	0.34	0.44	39.50	2.81	2.17	0.81
13.50	0.82	0.36	0.45	40.00	2.85	2.21	0.81
14.00	0.85	0.38	0.45	40.50	2.90	2.25	0.81
14.50	0.88	0.41	0.46	41.00	2.94	2.29	0.81
15.00	0.91	0.43	0.46	41.50	2.99	2.34	0.81
15.50	0.94	0.46	0.47	42.00	3.03	2.38	0.81
16.00	0.97	0.48	0.47	42.50	3.07	2.42	0.81
16.50	1.00	0.51	0.48	43.00	3.12	2.46	0.81
17.00	1.03	0.53	0.48	43.50	3.16	2.51	0.81
17.50	1.06	0.56	0.49	44.00	3.20	2.55	0.81
18.00	1.09	0.58	0.49	44.50	3.25	2.59	0.82
18.50	1.12	0.61	0.49	45.00	3.29	2.63	0.82
19.00	1.15	0.63	0.50	45.50	3.34	2.68	0.82
19.50	1.18	0.66	0.50	46.00	3.38	2.72	0.82
20.00	1.21	0.69	0.50	46.50	3.42	2.76	0.82
20.50	1.25	0.71	0.50	47.00	3.47	2.80	0.82
21.00	1.28	0.74	0.51	47.50	3.51	2.85	0.82
21.50	1.31	0.76	0.51	48.00	3.56	2.89	0.83
22.00	1.34	0.79	0.51	48.50	3.61	2.95	0.92
22.50	1.37	0.82	0.51	49.00	3.66	2.99	0.93
23.00	1.40	0.84	0.52	49.50	3.71	3.04	0.94
23.50	1.43	0.87	0.52	50.00	3.76	3.09	0.95
24.00	1.46	0.90	0.52	50.50	3.82	3.15	1.10
24.50	1.49	0.93	0.68	51.00	3.88	3.21	1.16
25.00	1.53	0.96	0.70	51.50	3.95	3.27	1.22
25.50	1.57	1.00	0.71	52.00	4.01	3.34	1.27
26.00	1.61	1.04	0.73	52.50	4.10	3.42	1.60
26.50	1.65	1.07	0.74	53.00	4.19	3.51	1.75
27.00	1.70	1.11	0.76	53.50	4.28	3.60	1.90

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	3.71	2.06	80.50	13.50	12.76	0.00
54.50	4.51	3.83	2.31	81.00	13.50	12.76	0.00
55.00	4.64	3.95	2.50	81.50	13.50	12.76	0.00
55.50	4.78	4.09	2.69	82.00	13.50	12.76	0.00
56.00	4.93	4.24	2.88	82.50	13.50	12.76	0.00
56.50	5.10	4.40	3.27	83.00	13.50	12.76	0.00
57.00	5.28	4.58	3.53	83.50	13.50	12.76	0.00
57.50	5.47	4.78	3.79	84.00	13.50	12.76	0.00
58.00	5.68	4.98	4.05	84.50	13.50	12.76	0.00
58.50	5.92	5.22	4.65	85.00	13.50	12.76	0.00
59.00	6.24	5.53	6.55	85.50	13.50	12.76	0.00
59.50	6.74	6.03	9.50	86.00	13.50	12.76	0.00
60.00	10.08	9.36	54.09	86.50	13.50	12.76	0.00
60.50	10.81	10.08	12.40	87.00	13.50	12.76	0.00
61.00	11.19	10.45	7.02	87.50	13.50	12.76	0.00
61.50	11.46	10.72	4.94	88.00	13.50	12.76	0.00
62.00	11.69	10.96	4.30	88.50	13.50	12.76	0.00
62.50	11.87	11.14	3.30	89.00	13.50	12.76	0.00
63.00	12.03	11.30	2.99	89.50	13.50	12.76	0.00
63.50	12.18	11.44	2.69	90.00	13.50	12.76	0.00
64.00	12.31	11.57	2.37	90.50	13.50	12.76	0.00
64.50	12.40	11.66	1.70	91.00	13.50	12.76	0.00
65.00	12.49	11.75	1.70	91.50	13.50	12.76	0.00
65.50	12.58	11.84	1.70	92.00	13.50	12.76	0.00
66.00	12.66	11.93	1.70	92.50	13.50	12.76	0.00
66.50	12.75	12.02	1.70	93.00	13.50	12.76	0.00
67.00	12.84	12.11	1.70	93.50	13.50	12.76	0.00
67.50	12.94	12.20	1.74	94.00	13.50	12.76	0.00
68.00	13.02	12.29	1.55	94.50	13.50	12.76	0.00
68.50	13.08	12.35	1.13	95.00	13.50	12.76	0.00
69.00	13.14	12.41	1.13	95.50	13.50	12.76	0.00
69.50	13.20	12.47	1.13	96.00	13.50	12.76	0.00
70.00	13.26	12.52	1.13	96.50	13.50	12.76	0.00
70.50	13.32	12.58	1.13	97.00	13.50	12.76	0.00
71.00	13.38	12.64	1.13	97.50	13.50	12.76	0.00
71.50	13.44	12.70	1.13	98.00	13.50	12.76	0.00
72.00	13.50	12.76	1.14	98.50	13.50	12.76	0.00
72.50	13.50	12.76	0.00	99.00	13.50	12.76	0.00
73.00	13.50	12.76	0.00	99.50	13.50	12.76	0.00
73.50	13.50	12.76	0.00	100.00	13.50	12.76	0.00
74.00	13.50	12.76	0.00	100.50	13.50	12.76	0.00
74.50	13.50	12.76	0.00	101.00	13.50	12.76	0.00
75.00	13.50	12.76	0.00	101.50	13.50	12.76	0.00
75.50	13.50	12.76	0.00	102.00	13.50	12.76	0.00
76.00	13.50	12.76	0.00	102.50	13.50	12.76	0.00
76.50	13.50	12.76	0.00	103.00	13.50	12.76	0.00
77.00	13.50	12.76	0.00	103.50	13.50	12.76	0.00
77.50	13.50	12.76	0.00	104.00	13.50	12.76	0.00
78.00	13.50	12.76	0.00	104.50	13.50	12.76	0.00
78.50	13.50	12.76	0.00	105.00	13.50	12.76	0.00
79.00	13.50	12.76	0.00	105.50	13.50	12.76	0.00
79.50	13.50	12.76	0.00	106.00	13.50	12.76	0.00
80.00	13.50	12.76	0.00	106.50	13.50	12.76	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	12.76	0.00	133.50	13.50	12.76	0.00
107.50	13.50	12.76	0.00	134.00	13.50	12.76	0.00
108.00	13.50	12.76	0.00	134.50	13.50	12.76	0.00
108.50	13.50	12.76	0.00	135.00	13.50	12.76	0.00
109.00	13.50	12.76	0.00	135.50	13.50	12.76	0.00
109.50	13.50	12.76	0.00	136.00	13.50	12.76	0.00
110.00	13.50	12.76	0.00	136.50	13.50	12.76	0.00
110.50	13.50	12.76	0.00	137.00	13.50	12.76	0.00
111.00	13.50	12.76	0.00	137.50	13.50	12.76	0.00
111.50	13.50	12.76	0.00	138.00	13.50	12.76	0.00
112.00	13.50	12.76	0.00	138.50	13.50	12.76	0.00
112.50	13.50	12.76	0.00	139.00	13.50	12.76	0.00
113.00	13.50	12.76	0.00	139.50	13.50	12.76	0.00
113.50	13.50	12.76	0.00	140.00	13.50	12.76	0.00
114.00	13.50	12.76	0.00	140.50	13.50	12.76	0.00
114.50	13.50	12.76	0.00	141.00	13.50	12.76	0.00
115.00	13.50	12.76	0.00	141.50	13.50	12.76	0.00
115.50	13.50	12.76	0.00	142.00	13.50	12.76	0.00
116.00	13.50	12.76	0.00	142.50	13.50	12.76	0.00
116.50	13.50	12.76	0.00	143.00	13.50	12.76	0.00
117.00	13.50	12.76	0.00	143.50	13.50	12.76	0.00
117.50	13.50	12.76	0.00	144.00	13.50	12.76	0.00
118.00	13.50	12.76	0.00	144.50	13.50	12.76	0.00
118.50	13.50	12.76	0.00	145.00	13.50	12.76	0.00
119.00	13.50	12.76	0.00	145.50	13.50	12.76	0.00
119.50	13.50	12.76	0.00	146.00	13.50	12.76	0.00
120.00	13.50	12.76	0.00	146.50	13.50	12.76	0.00
120.50	13.50	12.76	0.00	147.00	13.50	12.76	0.00
121.00	13.50	12.76	0.00	147.50	13.50	12.76	0.00
121.50	13.50	12.76	0.00	148.00	13.50	12.76	0.00
122.00	13.50	12.76	0.00	148.50	13.50	12.76	0.00
122.50	13.50	12.76	0.00	149.00	13.50	12.76	0.00
123.00	13.50	12.76	0.00	149.50	13.50	12.76	0.00
123.50	13.50	12.76	0.00	150.00	13.50	12.76	0.00
124.00	13.50	12.76	0.00	150.50	13.50	12.76	0.00
124.50	13.50	12.76	0.00	151.00	13.50	12.76	0.00
125.00	13.50	12.76	0.00	151.50	13.50	12.76	0.00
125.50	13.50	12.76	0.00	152.00	13.50	12.76	0.00
126.00	13.50	12.76	0.00	152.50	13.50	12.76	0.00
126.50	13.50	12.76	0.00	153.00	13.50	12.76	0.00
127.00	13.50	12.76	0.00	153.50	13.50	12.76	0.00
127.50	13.50	12.76	0.00	154.00	13.50	12.76	0.00
128.00	13.50	12.76	0.00	154.50	13.50	12.76	0.00
128.50	13.50	12.76	0.00	155.00	13.50	12.76	0.00
129.00	13.50	12.76	0.00	155.50	13.50	12.76	0.00
129.50	13.50	12.76	0.00	156.00	13.50	12.76	0.00
130.00	13.50	12.76	0.00	156.50	13.50	12.76	0.00
130.50	13.50	12.76	0.00	157.00	13.50	12.76	0.00
131.00	13.50	12.76	0.00	157.50	13.50	12.76	0.00
131.50	13.50	12.76	0.00	158.00	13.50	12.76	0.00
132.00	13.50	12.76	0.00	158.50	13.50	12.76	0.00
132.50	13.50	12.76	0.00	159.00	13.50	12.76	0.00
133.00	13.50	12.76	0.00	159.50	13.50	12.76	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	12.76	0.00	186.50	13.50	12.76	0.00
160.50	13.50	12.76	0.00	187.00	13.50	12.76	0.00
161.00	13.50	12.76	0.00	187.50	13.50	12.76	0.00
161.50	13.50	12.76	0.00	188.00	13.50	12.76	0.00
162.00	13.50	12.76	0.00	188.50	13.50	12.76	0.00
162.50	13.50	12.76	0.00	189.00	13.50	12.76	0.00
163.00	13.50	12.76	0.00	189.50	13.50	12.76	0.00
163.50	13.50	12.76	0.00	190.00	13.50	12.76	0.00
164.00	13.50	12.76	0.00	190.50	13.50	12.76	0.00
164.50	13.50	12.76	0.00	191.00	13.50	12.76	0.00
165.00	13.50	12.76	0.00	191.50	13.50	12.76	0.00
165.50	13.50	12.76	0.00	192.00	13.50	12.76	0.00
166.00	13.50	12.76	0.00	192.50	13.50	12.76	0.00
166.50	13.50	12.76	0.00	193.00	13.50	12.76	0.00
167.00	13.50	12.76	0.00	193.50	13.50	12.76	0.00
167.50	13.50	12.76	0.00	194.00	13.50	12.76	0.00
168.00	13.50	12.76	0.00	194.50	13.50	12.76	0.00
168.50	13.50	12.76	0.00	195.00	13.50	12.76	0.00
169.00	13.50	12.76	0.00	195.50	13.50	12.76	0.00
169.50	13.50	12.76	0.00	196.00	13.50	12.76	0.00
170.00	13.50	12.76	0.00	196.50	13.50	12.76	0.00
170.50	13.50	12.76	0.00	197.00	13.50	12.76	0.00
171.00	13.50	12.76	0.00	197.50	13.50	12.76	0.00
171.50	13.50	12.76	0.00	198.00	13.50	12.76	0.00
172.00	13.50	12.76	0.00	198.50	13.50	12.76	0.00
172.50	13.50	12.76	0.00	199.00	13.50	12.76	0.00
173.00	13.50	12.76	0.00	199.50	13.50	12.76	0.00
173.50	13.50	12.76	0.00	200.00	13.50	12.76	0.00
174.00	13.50	12.76	0.00	200.50	13.50	12.76	0.00
174.50	13.50	12.76	0.00	201.00	13.50	12.76	0.00
175.00	13.50	12.76	0.00	201.50	13.50	12.76	0.00
175.50	13.50	12.76	0.00	202.00	13.50	12.76	0.00
176.00	13.50	12.76	0.00	202.50	13.50	12.76	0.00
176.50	13.50	12.76	0.00	203.00	13.50	12.76	0.00
177.00	13.50	12.76	0.00	203.50	13.50	12.76	0.00
177.50	13.50	12.76	0.00	204.00	13.50	12.76	0.00
178.00	13.50	12.76	0.00	204.50	13.50	12.76	0.00
178.50	13.50	12.76	0.00	205.00	13.50	12.76	0.00
179.00	13.50	12.76	0.00	205.50	13.50	12.76	0.00
179.50	13.50	12.76	0.00	206.00	13.50	12.76	0.00
180.00	13.50	12.76	0.00	206.50	13.50	12.76	0.00
180.50	13.50	12.76	0.00	207.00	13.50	12.76	0.00
181.00	13.50	12.76	0.00	207.50	13.50	12.76	0.00
181.50	13.50	12.76	0.00	208.00	13.50	12.76	0.00
182.00	13.50	12.76	0.00	208.50	13.50	12.76	0.00
182.50	13.50	12.76	0.00	209.00	13.50	12.76	0.00
183.00	13.50	12.76	0.00	209.50	13.50	12.76	0.00
183.50	13.50	12.76	0.00	210.00	13.50	12.76	0.00
184.00	13.50	12.76	0.00	210.50	13.50	12.76	0.00
184.50	13.50	12.76	0.00	211.00	13.50	12.76	0.00
185.00	13.50	12.76	0.00	211.50	13.50	12.76	0.00
185.50	13.50	12.76	0.00	212.00	13.50	12.76	0.00
186.00	13.50	12.76	0.00	212.50	13.50	12.76	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	12.76	0.00	239.50	13.50	12.76	0.00
213.50	13.50	12.76	0.00	240.00	13.50	12.76	0.00
214.00	13.50	12.76	0.00	240.50	13.50	12.76	0.00
214.50	13.50	12.76	0.00	241.00	13.50	12.76	0.00
215.00	13.50	12.76	0.00	241.50	13.50	12.76	0.00
215.50	13.50	12.76	0.00	242.00	13.50	12.76	0.00
216.00	13.50	12.76	0.00	242.50	13.50	12.76	0.00
216.50	13.50	12.76	0.00	243.00	13.50	12.76	0.00
217.00	13.50	12.76	0.00	243.50	13.50	12.76	0.00
217.50	13.50	12.76	0.00	244.00	13.50	12.76	0.00
218.00	13.50	12.76	0.00	244.50	13.50	12.76	0.00
218.50	13.50	12.76	0.00	245.00	13.50	12.76	0.00
219.00	13.50	12.76	0.00	245.50	13.50	12.76	0.00
219.50	13.50	12.76	0.00	246.00	13.50	12.76	0.00
220.00	13.50	12.76	0.00	246.50	13.50	12.76	0.00
220.50	13.50	12.76	0.00	247.00	13.50	12.76	0.00
221.00	13.50	12.76	0.00	247.50	13.50	12.76	0.00
221.50	13.50	12.76	0.00	248.00	13.50	12.76	0.00
222.00	13.50	12.76	0.00	248.50	13.50	12.76	0.00
222.50	13.50	12.76	0.00	249.00	13.50	12.76	0.00
223.00	13.50	12.76	0.00	249.50	13.50	12.76	0.00
223.50	13.50	12.76	0.00	250.00	13.50	12.76	0.00
224.00	13.50	12.76	0.00	250.50	13.50	12.76	0.00
224.50	13.50	12.76	0.00	251.00	13.50	12.76	0.00
225.00	13.50	12.76	0.00	251.50	13.50	12.76	0.00
225.50	13.50	12.76	0.00	252.00	13.50	12.76	0.00
226.00	13.50	12.76	0.00	252.50	13.50	12.76	0.00
226.50	13.50	12.76	0.00	253.00	13.50	12.76	0.00
227.00	13.50	12.76	0.00	253.50	13.50	12.76	0.00
227.50	13.50	12.76	0.00	254.00	13.50	12.76	0.00
228.00	13.50	12.76	0.00	254.50	13.50	12.76	0.00
228.50	13.50	12.76	0.00	255.00	13.50	12.76	0.00
229.00	13.50	12.76	0.00	255.50	13.50	12.76	0.00
229.50	13.50	12.76	0.00	256.00	13.50	12.76	0.00
230.00	13.50	12.76	0.00	256.50	13.50	12.76	0.00
230.50	13.50	12.76	0.00	257.00	13.50	12.76	0.00
231.00	13.50	12.76	0.00	257.50	13.50	12.76	0.00
231.50	13.50	12.76	0.00	258.00	13.50	12.76	0.00
232.00	13.50	12.76	0.00	258.50	13.50	12.76	0.00
232.50	13.50	12.76	0.00	259.00	13.50	12.76	0.00
233.00	13.50	12.76	0.00	259.50	13.50	12.76	0.00
233.50	13.50	12.76	0.00	260.00	13.50	12.76	0.00
234.00	13.50	12.76	0.00	260.50	13.50	12.76	0.00
234.50	13.50	12.76	0.00	261.00	13.50	12.76	0.00
235.00	13.50	12.76	0.00	261.50	13.50	12.76	0.00
235.50	13.50	12.76	0.00	262.00	13.50	12.76	0.00
236.00	13.50	12.76	0.00	262.50	13.50	12.76	0.00
236.50	13.50	12.76	0.00	263.00	13.50	12.76	0.00
237.00	13.50	12.76	0.00	263.50	13.50	12.76	0.00
237.50	13.50	12.76	0.00	264.00	13.50	12.76	0.00
238.00	13.50	12.76	0.00	264.50	13.50	12.76	0.00
238.50	13.50	12.76	0.00	265.00	13.50	12.76	0.00
239.00	13.50	12.76	0.00	265.50	13.50	12.76	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 8S: SB-1 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	12.76	0.00	292.50	13.50	12.76	0.00
266.50	13.50	12.76	0.00	293.00	13.50	12.76	0.00
267.00	13.50	12.76	0.00	293.50	13.50	12.76	0.00
267.50	13.50	12.76	0.00	294.00	13.50	12.76	0.00
268.00	13.50	12.76	0.00	294.50	13.50	12.76	0.00
268.50	13.50	12.76	0.00	295.00	13.50	12.76	0.00
269.00	13.50	12.76	0.00	295.50	13.50	12.76	0.00
269.50	13.50	12.76	0.00	296.00	13.50	12.76	0.00
270.00	13.50	12.76	0.00	296.50	13.50	12.76	0.00
270.50	13.50	12.76	0.00	297.00	13.50	12.76	0.00
271.00	13.50	12.76	0.00	297.50	13.50	12.76	0.00
271.50	13.50	12.76	0.00	298.00	13.50	12.76	0.00
272.00	13.50	12.76	0.00	298.50	13.50	12.76	0.00
272.50	13.50	12.76	0.00	299.00	13.50	12.76	0.00
273.00	13.50	12.76	0.00	299.50	13.50	12.76	0.00
273.50	13.50	12.76	0.00	300.00	13.50	12.76	0.00
274.00	13.50	12.76	0.00				
274.50	13.50	12.76	0.00				
275.00	13.50	12.76	0.00				
275.50	13.50	12.76	0.00				
276.00	13.50	12.76	0.00				
276.50	13.50	12.76	0.00				
277.00	13.50	12.76	0.00				
277.50	13.50	12.76	0.00				
278.00	13.50	12.76	0.00				
278.50	13.50	12.76	0.00				
279.00	13.50	12.76	0.00				
279.50	13.50	12.76	0.00				
280.00	13.50	12.76	0.00				
280.50	13.50	12.76	0.00				
281.00	13.50	12.76	0.00				
281.50	13.50	12.76	0.00				
282.00	13.50	12.76	0.00				
282.50	13.50	12.76	0.00				
283.00	13.50	12.76	0.00				
283.50	13.50	12.76	0.00				
284.00	13.50	12.76	0.00				
284.50	13.50	12.76	0.00				
285.00	13.50	12.76	0.00				
285.50	13.50	12.76	0.00				
286.00	13.50	12.76	0.00				
286.50	13.50	12.76	0.00				
287.00	13.50	12.76	0.00				
287.50	13.50	12.76	0.00				
288.00	13.50	12.76	0.00				
288.50	13.50	12.76	0.00				
289.00	13.50	12.76	0.00				
289.50	13.50	12.76	0.00				
290.00	13.50	12.76	0.00				
290.50	13.50	12.76	0.00				
291.00	13.50	12.76	0.00				
291.50	13.50	12.76	0.00				
292.00	13.50	12.76	0.00				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 9S: SB-2

Runoff = 24.78 cfs @ 59.82 hrs, Volume= 3.001 af, Depth=12.77"

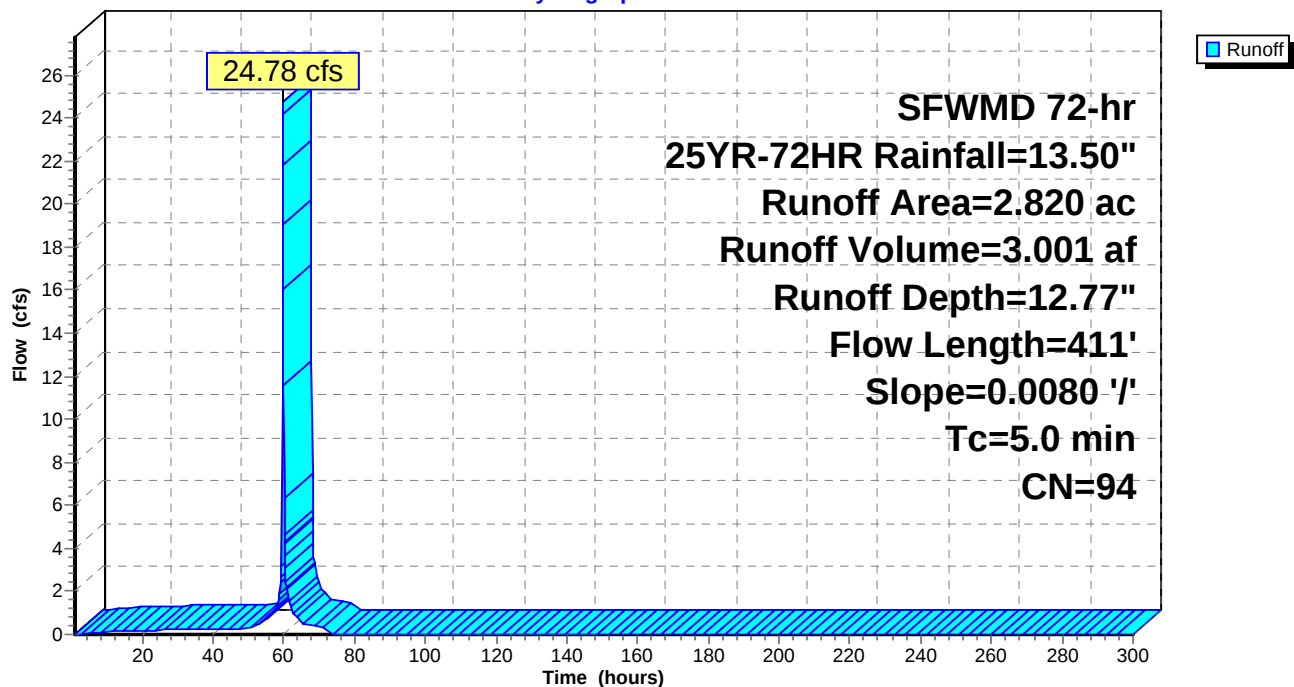
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
0.104	98	Unconnected roofs, HSG C
0.550	79	50-75% Grass cover, Fair, HSG C
0.460	98	Water Surface, HSG C
* 1.706	98	Gravel surface, HSG C
2.820	94	Weighted Average
0.550		19.50% Pervious Area
2.270		80.50% Impervious Area
0.104		4.58% Unconnected

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.2	300	0.0080	1.59		Sheet Flow, Overland Flow Smooth surfaces n= 0.011 P2= 5.70"
1.3	111	0.0080	1.44		Shallow Concentrated Flow, Overland Flow Unpaved Kv= 16.1 fps
4.5	411	Total, Increased to minimum Tc = 5.0 min			

Subcatchment 9S: SB-2

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 9S: SB-2

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.00	27.50	1.74	1.15	0.23
1.50	0.09	0.00	0.00	28.00	1.78	1.20	0.24
2.00	0.12	0.00	0.00	28.50	1.83	1.24	0.24
2.50	0.15	0.00	0.01	29.00	1.88	1.28	0.24
3.00	0.18	0.00	0.02	29.50	1.92	1.32	0.25
3.50	0.21	0.01	0.04	30.00	1.97	1.37	0.26
4.00	0.24	0.02	0.05	30.50	2.02	1.42	0.23
4.50	0.27	0.03	0.06	31.00	2.06	1.46	0.23
5.00	0.30	0.04	0.07	31.50	2.11	1.50	0.23
5.50	0.33	0.05	0.07	32.00	2.15	1.54	0.24
6.00	0.36	0.06	0.08	32.50	2.20	1.58	0.24
6.50	0.39	0.08	0.09	33.00	2.24	1.62	0.24
7.00	0.43	0.09	0.09	33.50	2.28	1.66	0.24
7.50	0.46	0.11	0.10	34.00	2.33	1.71	0.24
8.00	0.49	0.13	0.10	34.50	2.37	1.75	0.24
8.50	0.52	0.15	0.11	35.00	2.42	1.79	0.24
9.00	0.55	0.17	0.11	35.50	2.46	1.83	0.24
9.50	0.58	0.19	0.11	36.00	2.50	1.87	0.24
10.00	0.61	0.21	0.12	36.50	2.55	1.91	0.24
10.50	0.64	0.23	0.12	37.00	2.59	1.96	0.24
11.00	0.67	0.25	0.12	37.50	2.63	2.00	0.24
11.50	0.70	0.27	0.12	38.00	2.68	2.04	0.24
12.00	0.73	0.29	0.13	38.50	2.72	2.08	0.24
12.50	0.76	0.31	0.13	39.00	2.77	2.12	0.24
13.00	0.79	0.34	0.13	39.50	2.81	2.17	0.24
13.50	0.82	0.36	0.13	40.00	2.85	2.21	0.24
14.00	0.85	0.38	0.13	40.50	2.90	2.25	0.24
14.50	0.88	0.41	0.14	41.00	2.94	2.29	0.24
15.00	0.91	0.43	0.14	41.50	2.99	2.34	0.24
15.50	0.94	0.46	0.14	42.00	3.03	2.38	0.24
16.00	0.97	0.48	0.14	42.50	3.07	2.42	0.24
16.50	1.00	0.51	0.14	43.00	3.12	2.46	0.24
17.00	1.03	0.53	0.14	43.50	3.16	2.51	0.24
17.50	1.06	0.56	0.14	44.00	3.20	2.55	0.24
18.00	1.09	0.58	0.15	44.50	3.25	2.59	0.24
18.50	1.12	0.61	0.15	45.00	3.29	2.63	0.24
19.00	1.15	0.63	0.15	45.50	3.34	2.68	0.24
19.50	1.18	0.66	0.15	46.00	3.38	2.72	0.24
20.00	1.21	0.69	0.15	46.50	3.42	2.76	0.24
20.50	1.25	0.71	0.15	47.00	3.47	2.80	0.24
21.00	1.28	0.74	0.15	47.50	3.51	2.85	0.24
21.50	1.31	0.76	0.15	48.00	3.56	2.89	0.25
22.00	1.34	0.79	0.15	48.50	3.61	2.95	0.27
22.50	1.37	0.82	0.15	49.00	3.66	2.99	0.28
23.00	1.40	0.84	0.15	49.50	3.71	3.04	0.28
23.50	1.43	0.87	0.15	50.00	3.76	3.09	0.28
24.00	1.46	0.90	0.15	50.50	3.82	3.15	0.33
24.50	1.49	0.93	0.20	51.00	3.88	3.21	0.34
25.00	1.53	0.96	0.21	51.50	3.95	3.27	0.36
25.50	1.57	1.00	0.21	52.00	4.01	3.34	0.38
26.00	1.61	1.04	0.22	52.50	4.10	3.42	0.47
26.50	1.65	1.07	0.22	53.00	4.19	3.51	0.52
27.00	1.70	1.11	0.23	53.50	4.28	3.60	0.57

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 9S: SB-2 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	3.71	0.61	80.50	13.50	12.76	0.00
54.50	4.51	3.83	0.69	81.00	13.50	12.76	0.00
55.00	4.64	3.95	0.74	81.50	13.50	12.76	0.00
55.50	4.78	4.09	0.80	82.00	13.50	12.76	0.00
56.00	4.93	4.24	0.86	82.50	13.50	12.76	0.00
56.50	5.10	4.40	0.97	83.00	13.50	12.76	0.00
57.00	5.28	4.58	1.05	83.50	13.50	12.76	0.00
57.50	5.47	4.78	1.13	84.00	13.50	12.76	0.00
58.00	5.68	4.98	1.20	84.50	13.50	12.76	0.00
58.50	5.92	5.22	1.38	85.00	13.50	12.76	0.00
59.00	6.24	5.53	1.95	85.50	13.50	12.76	0.00
59.50	6.74	6.03	2.82	86.00	13.50	12.76	0.00
60.00	10.08	9.36	16.07	86.50	13.50	12.76	0.00
60.50	10.81	10.08	3.68	87.00	13.50	12.76	0.00
61.00	11.19	10.45	2.09	87.50	13.50	12.76	0.00
61.50	11.46	10.72	1.47	88.00	13.50	12.76	0.00
62.00	11.69	10.96	1.28	88.50	13.50	12.76	0.00
62.50	11.87	11.14	0.98	89.00	13.50	12.76	0.00
63.00	12.03	11.30	0.89	89.50	13.50	12.76	0.00
63.50	12.18	11.44	0.80	90.00	13.50	12.76	0.00
64.00	12.31	11.57	0.71	90.50	13.50	12.76	0.00
64.50	12.40	11.66	0.51	91.00	13.50	12.76	0.00
65.00	12.49	11.75	0.51	91.50	13.50	12.76	0.00
65.50	12.58	11.84	0.51	92.00	13.50	12.76	0.00
66.00	12.66	11.93	0.51	92.50	13.50	12.76	0.00
66.50	12.75	12.02	0.51	93.00	13.50	12.76	0.00
67.00	12.84	12.11	0.51	93.50	13.50	12.76	0.00
67.50	12.94	12.20	0.52	94.00	13.50	12.76	0.00
68.00	13.02	12.29	0.46	94.50	13.50	12.76	0.00
68.50	13.08	12.35	0.34	95.00	13.50	12.76	0.00
69.00	13.14	12.41	0.34	95.50	13.50	12.76	0.00
69.50	13.20	12.47	0.34	96.00	13.50	12.76	0.00
70.00	13.26	12.52	0.34	96.50	13.50	12.76	0.00
70.50	13.32	12.58	0.34	97.00	13.50	12.76	0.00
71.00	13.38	12.64	0.34	97.50	13.50	12.76	0.00
71.50	13.44	12.70	0.34	98.00	13.50	12.76	0.00
72.00	13.50	12.76	0.34	98.50	13.50	12.76	0.00
72.50	13.50	12.76	0.00	99.00	13.50	12.76	0.00
73.00	13.50	12.76	0.00	99.50	13.50	12.76	0.00
73.50	13.50	12.76	0.00	100.00	13.50	12.76	0.00
74.00	13.50	12.76	0.00	100.50	13.50	12.76	0.00
74.50	13.50	12.76	0.00	101.00	13.50	12.76	0.00
75.00	13.50	12.76	0.00	101.50	13.50	12.76	0.00
75.50	13.50	12.76	0.00	102.00	13.50	12.76	0.00
76.00	13.50	12.76	0.00	102.50	13.50	12.76	0.00
76.50	13.50	12.76	0.00	103.00	13.50	12.76	0.00
77.00	13.50	12.76	0.00	103.50	13.50	12.76	0.00
77.50	13.50	12.76	0.00	104.00	13.50	12.76	0.00
78.00	13.50	12.76	0.00	104.50	13.50	12.76	0.00
78.50	13.50	12.76	0.00	105.00	13.50	12.76	0.00
79.00	13.50	12.76	0.00	105.50	13.50	12.76	0.00
79.50	13.50	12.76	0.00	106.00	13.50	12.76	0.00
80.00	13.50	12.76	0.00	106.50	13.50	12.76	0.00

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 9S: SB-2 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	12.76	0.00	133.50	13.50	12.76	0.00
107.50	13.50	12.76	0.00	134.00	13.50	12.76	0.00
108.00	13.50	12.76	0.00	134.50	13.50	12.76	0.00
108.50	13.50	12.76	0.00	135.00	13.50	12.76	0.00
109.00	13.50	12.76	0.00	135.50	13.50	12.76	0.00
109.50	13.50	12.76	0.00	136.00	13.50	12.76	0.00
110.00	13.50	12.76	0.00	136.50	13.50	12.76	0.00
110.50	13.50	12.76	0.00	137.00	13.50	12.76	0.00
111.00	13.50	12.76	0.00	137.50	13.50	12.76	0.00
111.50	13.50	12.76	0.00	138.00	13.50	12.76	0.00
112.00	13.50	12.76	0.00	138.50	13.50	12.76	0.00
112.50	13.50	12.76	0.00	139.00	13.50	12.76	0.00
113.00	13.50	12.76	0.00	139.50	13.50	12.76	0.00
113.50	13.50	12.76	0.00	140.00	13.50	12.76	0.00
114.00	13.50	12.76	0.00	140.50	13.50	12.76	0.00
114.50	13.50	12.76	0.00	141.00	13.50	12.76	0.00
115.00	13.50	12.76	0.00	141.50	13.50	12.76	0.00
115.50	13.50	12.76	0.00	142.00	13.50	12.76	0.00
116.00	13.50	12.76	0.00	142.50	13.50	12.76	0.00
116.50	13.50	12.76	0.00	143.00	13.50	12.76	0.00
117.00	13.50	12.76	0.00	143.50	13.50	12.76	0.00
117.50	13.50	12.76	0.00	144.00	13.50	12.76	0.00
118.00	13.50	12.76	0.00	144.50	13.50	12.76	0.00
118.50	13.50	12.76	0.00	145.00	13.50	12.76	0.00
119.00	13.50	12.76	0.00	145.50	13.50	12.76	0.00
119.50	13.50	12.76	0.00	146.00	13.50	12.76	0.00
120.00	13.50	12.76	0.00	146.50	13.50	12.76	0.00
120.50	13.50	12.76	0.00	147.00	13.50	12.76	0.00
121.00	13.50	12.76	0.00	147.50	13.50	12.76	0.00
121.50	13.50	12.76	0.00	148.00	13.50	12.76	0.00
122.00	13.50	12.76	0.00	148.50	13.50	12.76	0.00
122.50	13.50	12.76	0.00	149.00	13.50	12.76	0.00
123.00	13.50	12.76	0.00	149.50	13.50	12.76	0.00
123.50	13.50	12.76	0.00	150.00	13.50	12.76	0.00
124.00	13.50	12.76	0.00	150.50	13.50	12.76	0.00
124.50	13.50	12.76	0.00	151.00	13.50	12.76	0.00
125.00	13.50	12.76	0.00	151.50	13.50	12.76	0.00
125.50	13.50	12.76	0.00	152.00	13.50	12.76	0.00
126.00	13.50	12.76	0.00	152.50	13.50	12.76	0.00
126.50	13.50	12.76	0.00	153.00	13.50	12.76	0.00
127.00	13.50	12.76	0.00	153.50	13.50	12.76	0.00
127.50	13.50	12.76	0.00	154.00	13.50	12.76	0.00
128.00	13.50	12.76	0.00	154.50	13.50	12.76	0.00
128.50	13.50	12.76	0.00	155.00	13.50	12.76	0.00
129.00	13.50	12.76	0.00	155.50	13.50	12.76	0.00
129.50	13.50	12.76	0.00	156.00	13.50	12.76	0.00
130.00	13.50	12.76	0.00	156.50	13.50	12.76	0.00
130.50	13.50	12.76	0.00	157.00	13.50	12.76	0.00
131.00	13.50	12.76	0.00	157.50	13.50	12.76	0.00
131.50	13.50	12.76	0.00	158.00	13.50	12.76	0.00
132.00	13.50	12.76	0.00	158.50	13.50	12.76	0.00
132.50	13.50	12.76	0.00	159.00	13.50	12.76	0.00
133.00	13.50	12.76	0.00	159.50	13.50	12.76	0.00

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 9S: SB-2 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	12.76	0.00	186.50	13.50	12.76	0.00
160.50	13.50	12.76	0.00	187.00	13.50	12.76	0.00
161.00	13.50	12.76	0.00	187.50	13.50	12.76	0.00
161.50	13.50	12.76	0.00	188.00	13.50	12.76	0.00
162.00	13.50	12.76	0.00	188.50	13.50	12.76	0.00
162.50	13.50	12.76	0.00	189.00	13.50	12.76	0.00
163.00	13.50	12.76	0.00	189.50	13.50	12.76	0.00
163.50	13.50	12.76	0.00	190.00	13.50	12.76	0.00
164.00	13.50	12.76	0.00	190.50	13.50	12.76	0.00
164.50	13.50	12.76	0.00	191.00	13.50	12.76	0.00
165.00	13.50	12.76	0.00	191.50	13.50	12.76	0.00
165.50	13.50	12.76	0.00	192.00	13.50	12.76	0.00
166.00	13.50	12.76	0.00	192.50	13.50	12.76	0.00
166.50	13.50	12.76	0.00	193.00	13.50	12.76	0.00
167.00	13.50	12.76	0.00	193.50	13.50	12.76	0.00
167.50	13.50	12.76	0.00	194.00	13.50	12.76	0.00
168.00	13.50	12.76	0.00	194.50	13.50	12.76	0.00
168.50	13.50	12.76	0.00	195.00	13.50	12.76	0.00
169.00	13.50	12.76	0.00	195.50	13.50	12.76	0.00
169.50	13.50	12.76	0.00	196.00	13.50	12.76	0.00
170.00	13.50	12.76	0.00	196.50	13.50	12.76	0.00
170.50	13.50	12.76	0.00	197.00	13.50	12.76	0.00
171.00	13.50	12.76	0.00	197.50	13.50	12.76	0.00
171.50	13.50	12.76	0.00	198.00	13.50	12.76	0.00
172.00	13.50	12.76	0.00	198.50	13.50	12.76	0.00
172.50	13.50	12.76	0.00	199.00	13.50	12.76	0.00
173.00	13.50	12.76	0.00	199.50	13.50	12.76	0.00
173.50	13.50	12.76	0.00	200.00	13.50	12.76	0.00
174.00	13.50	12.76	0.00	200.50	13.50	12.76	0.00
174.50	13.50	12.76	0.00	201.00	13.50	12.76	0.00
175.00	13.50	12.76	0.00	201.50	13.50	12.76	0.00
175.50	13.50	12.76	0.00	202.00	13.50	12.76	0.00
176.00	13.50	12.76	0.00	202.50	13.50	12.76	0.00
176.50	13.50	12.76	0.00	203.00	13.50	12.76	0.00
177.00	13.50	12.76	0.00	203.50	13.50	12.76	0.00
177.50	13.50	12.76	0.00	204.00	13.50	12.76	0.00
178.00	13.50	12.76	0.00	204.50	13.50	12.76	0.00
178.50	13.50	12.76	0.00	205.00	13.50	12.76	0.00
179.00	13.50	12.76	0.00	205.50	13.50	12.76	0.00
179.50	13.50	12.76	0.00	206.00	13.50	12.76	0.00
180.00	13.50	12.76	0.00	206.50	13.50	12.76	0.00
180.50	13.50	12.76	0.00	207.00	13.50	12.76	0.00
181.00	13.50	12.76	0.00	207.50	13.50	12.76	0.00
181.50	13.50	12.76	0.00	208.00	13.50	12.76	0.00
182.00	13.50	12.76	0.00	208.50	13.50	12.76	0.00
182.50	13.50	12.76	0.00	209.00	13.50	12.76	0.00
183.00	13.50	12.76	0.00	209.50	13.50	12.76	0.00
183.50	13.50	12.76	0.00	210.00	13.50	12.76	0.00
184.00	13.50	12.76	0.00	210.50	13.50	12.76	0.00
184.50	13.50	12.76	0.00	211.00	13.50	12.76	0.00
185.00	13.50	12.76	0.00	211.50	13.50	12.76	0.00
185.50	13.50	12.76	0.00	212.00	13.50	12.76	0.00
186.00	13.50	12.76	0.00	212.50	13.50	12.76	0.00

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 9S: SB-2 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	12.76	0.00	239.50	13.50	12.76	0.00
213.50	13.50	12.76	0.00	240.00	13.50	12.76	0.00
214.00	13.50	12.76	0.00	240.50	13.50	12.76	0.00
214.50	13.50	12.76	0.00	241.00	13.50	12.76	0.00
215.00	13.50	12.76	0.00	241.50	13.50	12.76	0.00
215.50	13.50	12.76	0.00	242.00	13.50	12.76	0.00
216.00	13.50	12.76	0.00	242.50	13.50	12.76	0.00
216.50	13.50	12.76	0.00	243.00	13.50	12.76	0.00
217.00	13.50	12.76	0.00	243.50	13.50	12.76	0.00
217.50	13.50	12.76	0.00	244.00	13.50	12.76	0.00
218.00	13.50	12.76	0.00	244.50	13.50	12.76	0.00
218.50	13.50	12.76	0.00	245.00	13.50	12.76	0.00
219.00	13.50	12.76	0.00	245.50	13.50	12.76	0.00
219.50	13.50	12.76	0.00	246.00	13.50	12.76	0.00
220.00	13.50	12.76	0.00	246.50	13.50	12.76	0.00
220.50	13.50	12.76	0.00	247.00	13.50	12.76	0.00
221.00	13.50	12.76	0.00	247.50	13.50	12.76	0.00
221.50	13.50	12.76	0.00	248.00	13.50	12.76	0.00
222.00	13.50	12.76	0.00	248.50	13.50	12.76	0.00
222.50	13.50	12.76	0.00	249.00	13.50	12.76	0.00
223.00	13.50	12.76	0.00	249.50	13.50	12.76	0.00
223.50	13.50	12.76	0.00	250.00	13.50	12.76	0.00
224.00	13.50	12.76	0.00	250.50	13.50	12.76	0.00
224.50	13.50	12.76	0.00	251.00	13.50	12.76	0.00
225.00	13.50	12.76	0.00	251.50	13.50	12.76	0.00
225.50	13.50	12.76	0.00	252.00	13.50	12.76	0.00
226.00	13.50	12.76	0.00	252.50	13.50	12.76	0.00
226.50	13.50	12.76	0.00	253.00	13.50	12.76	0.00
227.00	13.50	12.76	0.00	253.50	13.50	12.76	0.00
227.50	13.50	12.76	0.00	254.00	13.50	12.76	0.00
228.00	13.50	12.76	0.00	254.50	13.50	12.76	0.00
228.50	13.50	12.76	0.00	255.00	13.50	12.76	0.00
229.00	13.50	12.76	0.00	255.50	13.50	12.76	0.00
229.50	13.50	12.76	0.00	256.00	13.50	12.76	0.00
230.00	13.50	12.76	0.00	256.50	13.50	12.76	0.00
230.50	13.50	12.76	0.00	257.00	13.50	12.76	0.00
231.00	13.50	12.76	0.00	257.50	13.50	12.76	0.00
231.50	13.50	12.76	0.00	258.00	13.50	12.76	0.00
232.00	13.50	12.76	0.00	258.50	13.50	12.76	0.00
232.50	13.50	12.76	0.00	259.00	13.50	12.76	0.00
233.00	13.50	12.76	0.00	259.50	13.50	12.76	0.00
233.50	13.50	12.76	0.00	260.00	13.50	12.76	0.00
234.00	13.50	12.76	0.00	260.50	13.50	12.76	0.00
234.50	13.50	12.76	0.00	261.00	13.50	12.76	0.00
235.00	13.50	12.76	0.00	261.50	13.50	12.76	0.00
235.50	13.50	12.76	0.00	262.00	13.50	12.76	0.00
236.00	13.50	12.76	0.00	262.50	13.50	12.76	0.00
236.50	13.50	12.76	0.00	263.00	13.50	12.76	0.00
237.00	13.50	12.76	0.00	263.50	13.50	12.76	0.00
237.50	13.50	12.76	0.00	264.00	13.50	12.76	0.00
238.00	13.50	12.76	0.00	264.50	13.50	12.76	0.00
238.50	13.50	12.76	0.00	265.00	13.50	12.76	0.00
239.00	13.50	12.76	0.00	265.50	13.50	12.76	0.00

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Hydrograph for Subcatchment 9S: SB-2 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	12.76	0.00	292.50	13.50	12.76	0.00
266.50	13.50	12.76	0.00	293.00	13.50	12.76	0.00
267.00	13.50	12.76	0.00	293.50	13.50	12.76	0.00
267.50	13.50	12.76	0.00	294.00	13.50	12.76	0.00
268.00	13.50	12.76	0.00	294.50	13.50	12.76	0.00
268.50	13.50	12.76	0.00	295.00	13.50	12.76	0.00
269.00	13.50	12.76	0.00	295.50	13.50	12.76	0.00
269.50	13.50	12.76	0.00	296.00	13.50	12.76	0.00
270.00	13.50	12.76	0.00	296.50	13.50	12.76	0.00
270.50	13.50	12.76	0.00	297.00	13.50	12.76	0.00
271.00	13.50	12.76	0.00	297.50	13.50	12.76	0.00
271.50	13.50	12.76	0.00	298.00	13.50	12.76	0.00
272.00	13.50	12.76	0.00	298.50	13.50	12.76	0.00
272.50	13.50	12.76	0.00	299.00	13.50	12.76	0.00
273.00	13.50	12.76	0.00	299.50	13.50	12.76	0.00
273.50	13.50	12.76	0.00	300.00	13.50	12.76	0.00
274.00	13.50	12.76	0.00				
274.50	13.50	12.76	0.00				
275.00	13.50	12.76	0.00				
275.50	13.50	12.76	0.00				
276.00	13.50	12.76	0.00				
276.50	13.50	12.76	0.00				
277.00	13.50	12.76	0.00				
277.50	13.50	12.76	0.00				
278.00	13.50	12.76	0.00				
278.50	13.50	12.76	0.00				
279.00	13.50	12.76	0.00				
279.50	13.50	12.76	0.00				
280.00	13.50	12.76	0.00				
280.50	13.50	12.76	0.00				
281.00	13.50	12.76	0.00				
281.50	13.50	12.76	0.00				
282.00	13.50	12.76	0.00				
282.50	13.50	12.76	0.00				
283.00	13.50	12.76	0.00				
283.50	13.50	12.76	0.00				
284.00	13.50	12.76	0.00				
284.50	13.50	12.76	0.00				
285.00	13.50	12.76	0.00				
285.50	13.50	12.76	0.00				
286.00	13.50	12.76	0.00				
286.50	13.50	12.76	0.00				
287.00	13.50	12.76	0.00				
287.50	13.50	12.76	0.00				
288.00	13.50	12.76	0.00				
288.50	13.50	12.76	0.00				
289.00	13.50	12.76	0.00				
289.50	13.50	12.76	0.00				
290.00	13.50	12.76	0.00				
290.50	13.50	12.76	0.00				
291.00	13.50	12.76	0.00				
291.50	13.50	12.76	0.00				
292.00	13.50	12.76	0.00				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 10S: SB-3

Runoff = 56.35 cfs @ 59.90 hrs, Volume= 7.530 af, Depth=13.02"

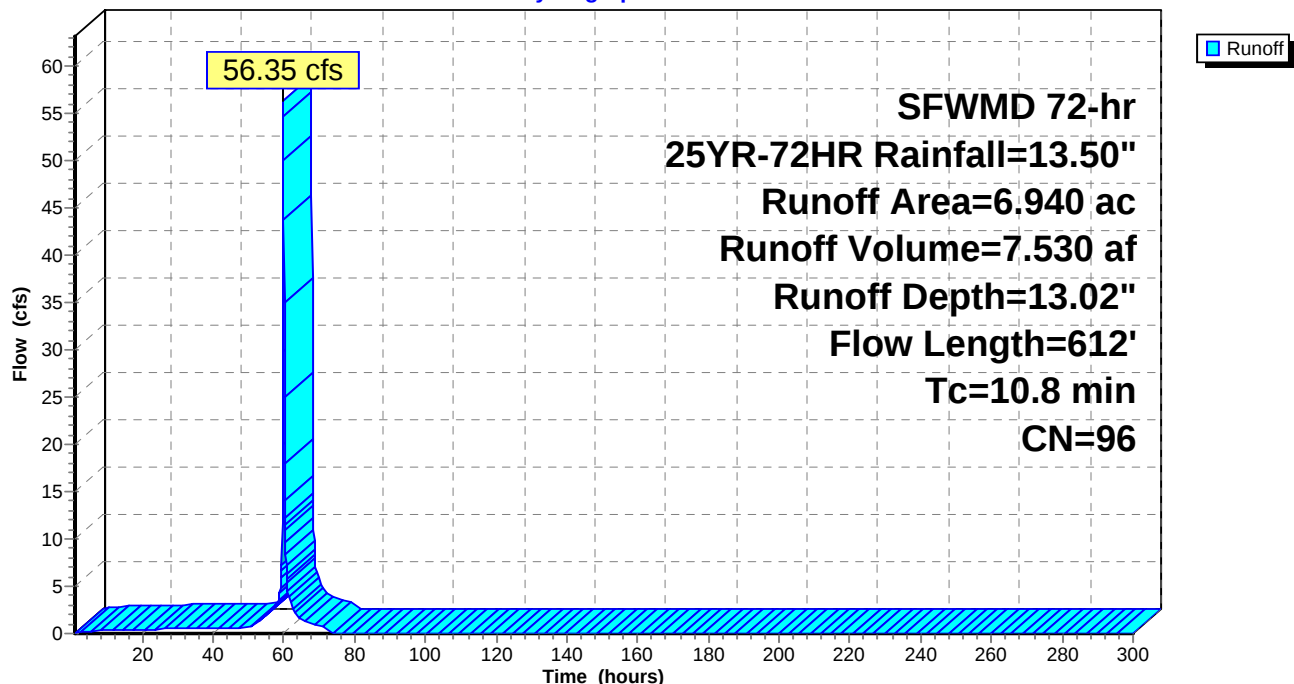
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
1.270	98	Paved parking, HSG C
1.470	98	Roofs, HSG C
0.600	79	50-75% Grass cover, Fair, HSG C
0.230	98	Water Surface, HSG C
* 3.370	98	Gravel surface, HSG C
6.940	96	Weighted Average
0.600		8.65% Pervious Area
6.340		91.35% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.2	152	0.0020	0.79		Sheet Flow, Overland Flow Smooth surfaces n= 0.011 P2= 5.70"
6.0	365	0.0025	1.02		Shallow Concentrated Flow, Catch Basin Sytem Paved Kv= 20.3 fps
1.6	95	0.0025	1.02		Shallow Concentrated Flow, Catch Basin System Paved Kv= 20.3 fps
10.8	612	Total			

Subcatchment 10S: SB-3

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.00	27.50	1.74	1.32	0.59
1.50	0.09	0.00	0.00	28.00	1.78	1.37	0.60
2.00	0.12	0.00	0.05	28.50	1.83	1.41	0.61
2.50	0.15	0.01	0.10	29.00	1.88	1.45	0.62
3.00	0.18	0.02	0.14	29.50	1.92	1.50	0.63
3.50	0.21	0.03	0.17	30.00	1.97	1.55	0.65
4.00	0.24	0.04	0.19	30.50	2.02	1.59	0.60
4.50	0.27	0.06	0.22	31.00	2.06	1.64	0.60
5.00	0.30	0.08	0.24	31.50	2.11	1.68	0.60
5.50	0.33	0.09	0.25	32.00	2.15	1.72	0.60
6.00	0.36	0.11	0.27	32.50	2.20	1.76	0.60
6.50	0.39	0.13	0.28	33.00	2.24	1.81	0.60
7.00	0.43	0.15	0.29	33.50	2.28	1.85	0.60
7.50	0.46	0.18	0.30	34.00	2.33	1.89	0.60
8.00	0.49	0.20	0.31	34.50	2.37	1.94	0.60
8.50	0.52	0.22	0.32	35.00	2.42	1.98	0.60
9.00	0.55	0.24	0.33	35.50	2.46	2.02	0.60
9.50	0.58	0.27	0.33	36.00	2.50	2.06	0.60
10.00	0.61	0.29	0.34	36.50	2.55	2.11	0.60
10.50	0.64	0.32	0.35	37.00	2.59	2.15	0.60
11.00	0.67	0.34	0.35	37.50	2.63	2.19	0.60
11.50	0.70	0.37	0.35	38.00	2.68	2.24	0.60
12.00	0.73	0.39	0.36	38.50	2.72	2.28	0.60
12.50	0.76	0.42	0.36	39.00	2.77	2.32	0.60
13.00	0.79	0.44	0.37	39.50	2.81	2.37	0.60
13.50	0.82	0.47	0.37	40.00	2.85	2.41	0.60
14.00	0.85	0.50	0.37	40.50	2.90	2.45	0.60
14.50	0.88	0.52	0.37	41.00	2.94	2.49	0.60
15.00	0.91	0.55	0.38	41.50	2.99	2.54	0.60
15.50	0.94	0.58	0.38	42.00	3.03	2.58	0.60
16.00	0.97	0.61	0.38	42.50	3.07	2.62	0.60
16.50	1.00	0.63	0.38	43.00	3.12	2.67	0.61
17.00	1.03	0.66	0.38	43.50	3.16	2.71	0.61
17.50	1.06	0.69	0.39	44.00	3.20	2.75	0.61
18.00	1.09	0.72	0.39	44.50	3.25	2.80	0.61
18.50	1.12	0.74	0.39	45.00	3.29	2.84	0.61
19.00	1.15	0.77	0.39	45.50	3.34	2.88	0.61
19.50	1.18	0.80	0.39	46.00	3.38	2.93	0.61
20.00	1.21	0.83	0.39	46.50	3.42	2.97	0.61
20.50	1.25	0.86	0.40	47.00	3.47	3.01	0.61
21.00	1.28	0.88	0.40	47.50	3.51	3.06	0.61
21.50	1.31	0.91	0.40	48.00	3.56	3.10	0.61
22.00	1.34	0.94	0.40	48.50	3.61	3.16	0.69
22.50	1.37	0.97	0.40	49.00	3.66	3.21	0.69
23.00	1.40	1.00	0.40	49.50	3.71	3.25	0.69
23.50	1.43	1.03	0.40	50.00	3.76	3.30	0.70
24.00	1.46	1.05	0.40	50.50	3.82	3.36	0.81
24.50	1.49	1.08	0.52	51.00	3.88	3.42	0.85
25.00	1.53	1.12	0.53	51.50	3.95	3.49	0.89
25.50	1.57	1.16	0.55	52.00	4.01	3.55	0.93
26.00	1.61	1.20	0.56	52.50	4.10	3.64	1.16
26.50	1.65	1.24	0.57	53.00	4.19	3.72	1.27
27.00	1.70	1.28	0.58	53.50	4.28	3.82	1.39

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	3.93	1.50	80.50	13.50	13.01	0.00
54.50	4.51	4.05	1.68	81.00	13.50	13.01	0.00
55.00	4.64	4.18	1.82	81.50	13.50	13.01	0.00
55.50	4.78	4.31	1.96	82.00	13.50	13.01	0.00
56.00	4.93	4.46	2.10	82.50	13.50	13.01	0.00
56.50	5.10	4.63	2.37	83.00	13.50	13.01	0.00
57.00	5.28	4.81	2.56	83.50	13.50	13.01	0.00
57.50	5.47	5.00	2.76	84.00	13.50	13.01	0.00
58.00	5.68	5.21	2.95	84.50	13.50	13.01	0.00
58.50	5.92	5.45	3.37	85.00	13.50	13.01	0.00
59.00	6.24	5.76	4.61	85.50	13.50	13.01	0.00
59.50	6.74	6.26	6.97	86.00	13.50	13.01	0.00
60.00	10.08	9.60	50.02	86.50	13.50	13.01	0.00
60.50	10.81	10.32	10.38	87.00	13.50	13.01	0.00
61.00	11.19	10.70	5.34	87.50	13.50	13.01	0.00
61.50	11.46	10.97	3.70	88.00	13.50	13.01	0.00
62.00	11.69	11.21	3.24	88.50	13.50	13.01	0.00
62.50	11.87	11.38	2.46	89.00	13.50	13.01	0.00
63.00	12.03	11.55	2.23	89.50	13.50	13.01	0.00
63.50	12.18	11.69	2.01	90.00	13.50	13.01	0.00
64.00	12.31	11.82	1.78	90.50	13.50	13.01	0.00
64.50	12.40	11.91	1.25	91.00	13.50	13.01	0.00
65.00	12.49	12.00	1.25	91.50	13.50	13.01	0.00
65.50	12.58	12.09	1.25	92.00	13.50	13.01	0.00
66.00	12.66	12.18	1.25	92.50	13.50	13.01	0.00
66.50	12.75	12.27	1.25	93.00	13.50	13.01	0.00
67.00	12.84	12.36	1.25	93.50	13.50	13.01	0.00
67.50	12.94	12.45	1.30	94.00	13.50	13.01	0.00
68.00	13.02	12.54	1.16	94.50	13.50	13.01	0.00
68.50	13.08	12.60	0.83	95.00	13.50	13.01	0.00
69.00	13.14	12.66	0.83	95.50	13.50	13.01	0.00
69.50	13.20	12.71	0.83	96.00	13.50	13.01	0.00
70.00	13.26	12.77	0.83	96.50	13.50	13.01	0.00
70.50	13.32	12.83	0.83	97.00	13.50	13.01	0.00
71.00	13.38	12.89	0.83	97.50	13.50	13.01	0.00
71.50	13.44	12.95	0.83	98.00	13.50	13.01	0.00
72.00	13.50	13.01	0.83	98.50	13.50	13.01	0.00
72.50	13.50	13.01	0.00	99.00	13.50	13.01	0.00
73.00	13.50	13.01	0.00	99.50	13.50	13.01	0.00
73.50	13.50	13.01	0.00	100.00	13.50	13.01	0.00
74.00	13.50	13.01	0.00	100.50	13.50	13.01	0.00
74.50	13.50	13.01	0.00	101.00	13.50	13.01	0.00
75.00	13.50	13.01	0.00	101.50	13.50	13.01	0.00
75.50	13.50	13.01	0.00	102.00	13.50	13.01	0.00
76.00	13.50	13.01	0.00	102.50	13.50	13.01	0.00
76.50	13.50	13.01	0.00	103.00	13.50	13.01	0.00
77.00	13.50	13.01	0.00	103.50	13.50	13.01	0.00
77.50	13.50	13.01	0.00	104.00	13.50	13.01	0.00
78.00	13.50	13.01	0.00	104.50	13.50	13.01	0.00
78.50	13.50	13.01	0.00	105.00	13.50	13.01	0.00
79.00	13.50	13.01	0.00	105.50	13.50	13.01	0.00
79.50	13.50	13.01	0.00	106.00	13.50	13.01	0.00
80.00	13.50	13.01	0.00	106.50	13.50	13.01	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	13.01	0.00	133.50	13.50	13.01	0.00
107.50	13.50	13.01	0.00	134.00	13.50	13.01	0.00
108.00	13.50	13.01	0.00	134.50	13.50	13.01	0.00
108.50	13.50	13.01	0.00	135.00	13.50	13.01	0.00
109.00	13.50	13.01	0.00	135.50	13.50	13.01	0.00
109.50	13.50	13.01	0.00	136.00	13.50	13.01	0.00
110.00	13.50	13.01	0.00	136.50	13.50	13.01	0.00
110.50	13.50	13.01	0.00	137.00	13.50	13.01	0.00
111.00	13.50	13.01	0.00	137.50	13.50	13.01	0.00
111.50	13.50	13.01	0.00	138.00	13.50	13.01	0.00
112.00	13.50	13.01	0.00	138.50	13.50	13.01	0.00
112.50	13.50	13.01	0.00	139.00	13.50	13.01	0.00
113.00	13.50	13.01	0.00	139.50	13.50	13.01	0.00
113.50	13.50	13.01	0.00	140.00	13.50	13.01	0.00
114.00	13.50	13.01	0.00	140.50	13.50	13.01	0.00
114.50	13.50	13.01	0.00	141.00	13.50	13.01	0.00
115.00	13.50	13.01	0.00	141.50	13.50	13.01	0.00
115.50	13.50	13.01	0.00	142.00	13.50	13.01	0.00
116.00	13.50	13.01	0.00	142.50	13.50	13.01	0.00
116.50	13.50	13.01	0.00	143.00	13.50	13.01	0.00
117.00	13.50	13.01	0.00	143.50	13.50	13.01	0.00
117.50	13.50	13.01	0.00	144.00	13.50	13.01	0.00
118.00	13.50	13.01	0.00	144.50	13.50	13.01	0.00
118.50	13.50	13.01	0.00	145.00	13.50	13.01	0.00
119.00	13.50	13.01	0.00	145.50	13.50	13.01	0.00
119.50	13.50	13.01	0.00	146.00	13.50	13.01	0.00
120.00	13.50	13.01	0.00	146.50	13.50	13.01	0.00
120.50	13.50	13.01	0.00	147.00	13.50	13.01	0.00
121.00	13.50	13.01	0.00	147.50	13.50	13.01	0.00
121.50	13.50	13.01	0.00	148.00	13.50	13.01	0.00
122.00	13.50	13.01	0.00	148.50	13.50	13.01	0.00
122.50	13.50	13.01	0.00	149.00	13.50	13.01	0.00
123.00	13.50	13.01	0.00	149.50	13.50	13.01	0.00
123.50	13.50	13.01	0.00	150.00	13.50	13.01	0.00
124.00	13.50	13.01	0.00	150.50	13.50	13.01	0.00
124.50	13.50	13.01	0.00	151.00	13.50	13.01	0.00
125.00	13.50	13.01	0.00	151.50	13.50	13.01	0.00
125.50	13.50	13.01	0.00	152.00	13.50	13.01	0.00
126.00	13.50	13.01	0.00	152.50	13.50	13.01	0.00
126.50	13.50	13.01	0.00	153.00	13.50	13.01	0.00
127.00	13.50	13.01	0.00	153.50	13.50	13.01	0.00
127.50	13.50	13.01	0.00	154.00	13.50	13.01	0.00
128.00	13.50	13.01	0.00	154.50	13.50	13.01	0.00
128.50	13.50	13.01	0.00	155.00	13.50	13.01	0.00
129.00	13.50	13.01	0.00	155.50	13.50	13.01	0.00
129.50	13.50	13.01	0.00	156.00	13.50	13.01	0.00
130.00	13.50	13.01	0.00	156.50	13.50	13.01	0.00
130.50	13.50	13.01	0.00	157.00	13.50	13.01	0.00
131.00	13.50	13.01	0.00	157.50	13.50	13.01	0.00
131.50	13.50	13.01	0.00	158.00	13.50	13.01	0.00
132.00	13.50	13.01	0.00	158.50	13.50	13.01	0.00
132.50	13.50	13.01	0.00	159.00	13.50	13.01	0.00
133.00	13.50	13.01	0.00	159.50	13.50	13.01	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	13.01	0.00	186.50	13.50	13.01	0.00
160.50	13.50	13.01	0.00	187.00	13.50	13.01	0.00
161.00	13.50	13.01	0.00	187.50	13.50	13.01	0.00
161.50	13.50	13.01	0.00	188.00	13.50	13.01	0.00
162.00	13.50	13.01	0.00	188.50	13.50	13.01	0.00
162.50	13.50	13.01	0.00	189.00	13.50	13.01	0.00
163.00	13.50	13.01	0.00	189.50	13.50	13.01	0.00
163.50	13.50	13.01	0.00	190.00	13.50	13.01	0.00
164.00	13.50	13.01	0.00	190.50	13.50	13.01	0.00
164.50	13.50	13.01	0.00	191.00	13.50	13.01	0.00
165.00	13.50	13.01	0.00	191.50	13.50	13.01	0.00
165.50	13.50	13.01	0.00	192.00	13.50	13.01	0.00
166.00	13.50	13.01	0.00	192.50	13.50	13.01	0.00
166.50	13.50	13.01	0.00	193.00	13.50	13.01	0.00
167.00	13.50	13.01	0.00	193.50	13.50	13.01	0.00
167.50	13.50	13.01	0.00	194.00	13.50	13.01	0.00
168.00	13.50	13.01	0.00	194.50	13.50	13.01	0.00
168.50	13.50	13.01	0.00	195.00	13.50	13.01	0.00
169.00	13.50	13.01	0.00	195.50	13.50	13.01	0.00
169.50	13.50	13.01	0.00	196.00	13.50	13.01	0.00
170.00	13.50	13.01	0.00	196.50	13.50	13.01	0.00
170.50	13.50	13.01	0.00	197.00	13.50	13.01	0.00
171.00	13.50	13.01	0.00	197.50	13.50	13.01	0.00
171.50	13.50	13.01	0.00	198.00	13.50	13.01	0.00
172.00	13.50	13.01	0.00	198.50	13.50	13.01	0.00
172.50	13.50	13.01	0.00	199.00	13.50	13.01	0.00
173.00	13.50	13.01	0.00	199.50	13.50	13.01	0.00
173.50	13.50	13.01	0.00	200.00	13.50	13.01	0.00
174.00	13.50	13.01	0.00	200.50	13.50	13.01	0.00
174.50	13.50	13.01	0.00	201.00	13.50	13.01	0.00
175.00	13.50	13.01	0.00	201.50	13.50	13.01	0.00
175.50	13.50	13.01	0.00	202.00	13.50	13.01	0.00
176.00	13.50	13.01	0.00	202.50	13.50	13.01	0.00
176.50	13.50	13.01	0.00	203.00	13.50	13.01	0.00
177.00	13.50	13.01	0.00	203.50	13.50	13.01	0.00
177.50	13.50	13.01	0.00	204.00	13.50	13.01	0.00
178.00	13.50	13.01	0.00	204.50	13.50	13.01	0.00
178.50	13.50	13.01	0.00	205.00	13.50	13.01	0.00
179.00	13.50	13.01	0.00	205.50	13.50	13.01	0.00
179.50	13.50	13.01	0.00	206.00	13.50	13.01	0.00
180.00	13.50	13.01	0.00	206.50	13.50	13.01	0.00
180.50	13.50	13.01	0.00	207.00	13.50	13.01	0.00
181.00	13.50	13.01	0.00	207.50	13.50	13.01	0.00
181.50	13.50	13.01	0.00	208.00	13.50	13.01	0.00
182.00	13.50	13.01	0.00	208.50	13.50	13.01	0.00
182.50	13.50	13.01	0.00	209.00	13.50	13.01	0.00
183.00	13.50	13.01	0.00	209.50	13.50	13.01	0.00
183.50	13.50	13.01	0.00	210.00	13.50	13.01	0.00
184.00	13.50	13.01	0.00	210.50	13.50	13.01	0.00
184.50	13.50	13.01	0.00	211.00	13.50	13.01	0.00
185.00	13.50	13.01	0.00	211.50	13.50	13.01	0.00
185.50	13.50	13.01	0.00	212.00	13.50	13.01	0.00
186.00	13.50	13.01	0.00	212.50	13.50	13.01	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	13.01	0.00	239.50	13.50	13.01	0.00
213.50	13.50	13.01	0.00	240.00	13.50	13.01	0.00
214.00	13.50	13.01	0.00	240.50	13.50	13.01	0.00
214.50	13.50	13.01	0.00	241.00	13.50	13.01	0.00
215.00	13.50	13.01	0.00	241.50	13.50	13.01	0.00
215.50	13.50	13.01	0.00	242.00	13.50	13.01	0.00
216.00	13.50	13.01	0.00	242.50	13.50	13.01	0.00
216.50	13.50	13.01	0.00	243.00	13.50	13.01	0.00
217.00	13.50	13.01	0.00	243.50	13.50	13.01	0.00
217.50	13.50	13.01	0.00	244.00	13.50	13.01	0.00
218.00	13.50	13.01	0.00	244.50	13.50	13.01	0.00
218.50	13.50	13.01	0.00	245.00	13.50	13.01	0.00
219.00	13.50	13.01	0.00	245.50	13.50	13.01	0.00
219.50	13.50	13.01	0.00	246.00	13.50	13.01	0.00
220.00	13.50	13.01	0.00	246.50	13.50	13.01	0.00
220.50	13.50	13.01	0.00	247.00	13.50	13.01	0.00
221.00	13.50	13.01	0.00	247.50	13.50	13.01	0.00
221.50	13.50	13.01	0.00	248.00	13.50	13.01	0.00
222.00	13.50	13.01	0.00	248.50	13.50	13.01	0.00
222.50	13.50	13.01	0.00	249.00	13.50	13.01	0.00
223.00	13.50	13.01	0.00	249.50	13.50	13.01	0.00
223.50	13.50	13.01	0.00	250.00	13.50	13.01	0.00
224.00	13.50	13.01	0.00	250.50	13.50	13.01	0.00
224.50	13.50	13.01	0.00	251.00	13.50	13.01	0.00
225.00	13.50	13.01	0.00	251.50	13.50	13.01	0.00
225.50	13.50	13.01	0.00	252.00	13.50	13.01	0.00
226.00	13.50	13.01	0.00	252.50	13.50	13.01	0.00
226.50	13.50	13.01	0.00	253.00	13.50	13.01	0.00
227.00	13.50	13.01	0.00	253.50	13.50	13.01	0.00
227.50	13.50	13.01	0.00	254.00	13.50	13.01	0.00
228.00	13.50	13.01	0.00	254.50	13.50	13.01	0.00
228.50	13.50	13.01	0.00	255.00	13.50	13.01	0.00
229.00	13.50	13.01	0.00	255.50	13.50	13.01	0.00
229.50	13.50	13.01	0.00	256.00	13.50	13.01	0.00
230.00	13.50	13.01	0.00	256.50	13.50	13.01	0.00
230.50	13.50	13.01	0.00	257.00	13.50	13.01	0.00
231.00	13.50	13.01	0.00	257.50	13.50	13.01	0.00
231.50	13.50	13.01	0.00	258.00	13.50	13.01	0.00
232.00	13.50	13.01	0.00	258.50	13.50	13.01	0.00
232.50	13.50	13.01	0.00	259.00	13.50	13.01	0.00
233.00	13.50	13.01	0.00	259.50	13.50	13.01	0.00
233.50	13.50	13.01	0.00	260.00	13.50	13.01	0.00
234.00	13.50	13.01	0.00	260.50	13.50	13.01	0.00
234.50	13.50	13.01	0.00	261.00	13.50	13.01	0.00
235.00	13.50	13.01	0.00	261.50	13.50	13.01	0.00
235.50	13.50	13.01	0.00	262.00	13.50	13.01	0.00
236.00	13.50	13.01	0.00	262.50	13.50	13.01	0.00
236.50	13.50	13.01	0.00	263.00	13.50	13.01	0.00
237.00	13.50	13.01	0.00	263.50	13.50	13.01	0.00
237.50	13.50	13.01	0.00	264.00	13.50	13.01	0.00
238.00	13.50	13.01	0.00	264.50	13.50	13.01	0.00
238.50	13.50	13.01	0.00	265.00	13.50	13.01	0.00
239.00	13.50	13.01	0.00	265.50	13.50	13.01	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 10S: SB-3 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	13.01	0.00	292.50	13.50	13.01	0.00
266.50	13.50	13.01	0.00	293.00	13.50	13.01	0.00
267.00	13.50	13.01	0.00	293.50	13.50	13.01	0.00
267.50	13.50	13.01	0.00	294.00	13.50	13.01	0.00
268.00	13.50	13.01	0.00	294.50	13.50	13.01	0.00
268.50	13.50	13.01	0.00	295.00	13.50	13.01	0.00
269.00	13.50	13.01	0.00	295.50	13.50	13.01	0.00
269.50	13.50	13.01	0.00	296.00	13.50	13.01	0.00
270.00	13.50	13.01	0.00	296.50	13.50	13.01	0.00
270.50	13.50	13.01	0.00	297.00	13.50	13.01	0.00
271.00	13.50	13.01	0.00	297.50	13.50	13.01	0.00
271.50	13.50	13.01	0.00	298.00	13.50	13.01	0.00
272.00	13.50	13.01	0.00	298.50	13.50	13.01	0.00
272.50	13.50	13.01	0.00	299.00	13.50	13.01	0.00
273.00	13.50	13.01	0.00	299.50	13.50	13.01	0.00
273.50	13.50	13.01	0.00	300.00	13.50	13.01	0.00
274.00	13.50	13.01	0.00				
274.50	13.50	13.01	0.00				
275.00	13.50	13.01	0.00				
275.50	13.50	13.01	0.00				
276.00	13.50	13.01	0.00				
276.50	13.50	13.01	0.00				
277.00	13.50	13.01	0.00				
277.50	13.50	13.01	0.00				
278.00	13.50	13.01	0.00				
278.50	13.50	13.01	0.00				
279.00	13.50	13.01	0.00				
279.50	13.50	13.01	0.00				
280.00	13.50	13.01	0.00				
280.50	13.50	13.01	0.00				
281.00	13.50	13.01	0.00				
281.50	13.50	13.01	0.00				
282.00	13.50	13.01	0.00				
282.50	13.50	13.01	0.00				
283.00	13.50	13.01	0.00				
283.50	13.50	13.01	0.00				
284.00	13.50	13.01	0.00				
284.50	13.50	13.01	0.00				
285.00	13.50	13.01	0.00				
285.50	13.50	13.01	0.00				
286.00	13.50	13.01	0.00				
286.50	13.50	13.01	0.00				
287.00	13.50	13.01	0.00				
287.50	13.50	13.01	0.00				
288.00	13.50	13.01	0.00				
288.50	13.50	13.01	0.00				
289.00	13.50	13.01	0.00				
289.50	13.50	13.01	0.00				
290.00	13.50	13.01	0.00				
290.50	13.50	13.01	0.00				
291.00	13.50	13.01	0.00				
291.50	13.50	13.01	0.00				
292.00	13.50	13.01	0.00				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Subcatchment 11S: SB-5

Runoff = 57.02 cfs @ 60.04 hrs, Volume= 9.009 af, Depth>13.27"

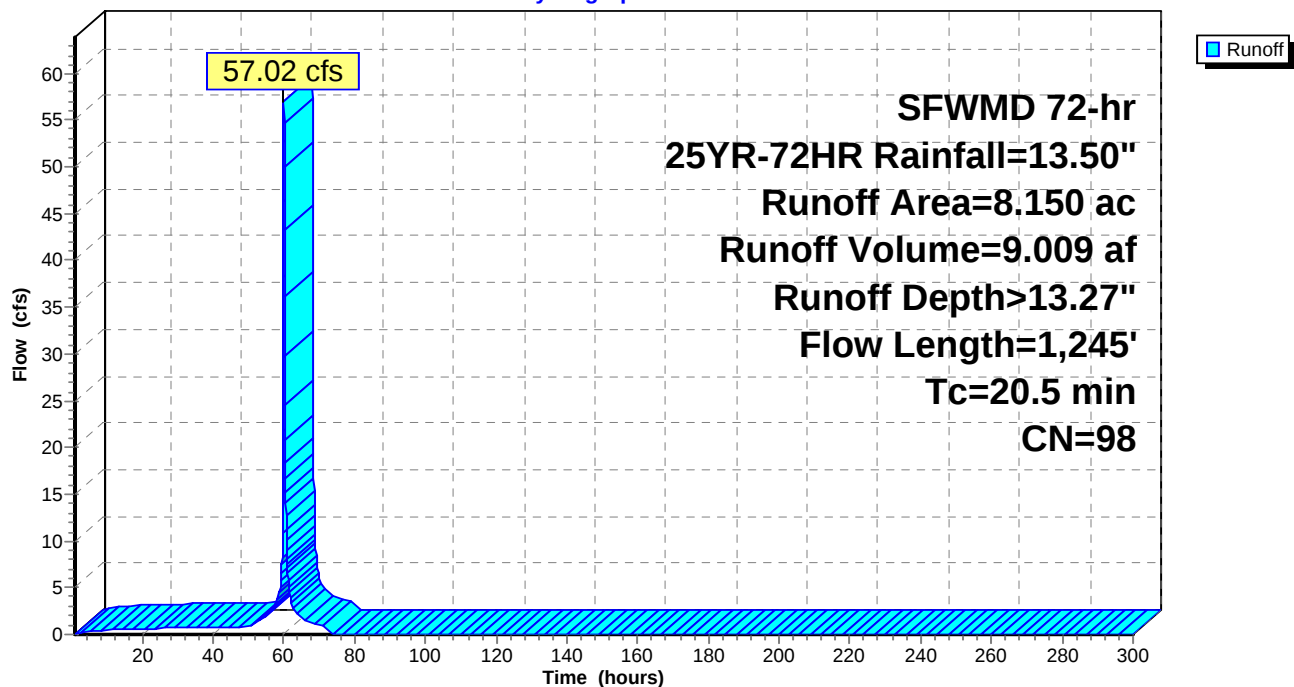
Runoff by SCS TR-20 method, UH=SCS, Weighted-CN, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Area (ac)	CN	Description
1.250	98	Roofs, HSG C
* 0.960	98	Paved roadway, HSG C
0.500	98	Water Surface, HSG C
* 5.440	98	Gravel surface, HSG C
8.150	98	Weighted Average
8.150		100.00% Impervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
3.8	230	0.0030	1.02		Sheet Flow, Overland Flow Smooth surfaces n= 0.011 P2= 5.70"
5.2	315	0.0025	1.02		Shallow Concentrated Flow, Trench Drain Paved Kv= 20.3 fps
11.5	700	0.0025	1.02		Shallow Concentrated Flow, Trench Drain Paved Kv= 20.3 fps
20.5	1,245	Total			

Subcatchment 11S: SB-5

Hydrograph



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
1.00	0.06	0.00	0.02	27.50	1.74	1.52	0.71
1.50	0.09	0.01	0.12	28.00	1.78	1.56	0.72
2.00	0.12	0.02	0.20	28.50	1.83	1.61	0.74
2.50	0.15	0.04	0.26	29.00	1.88	1.65	0.75
3.00	0.18	0.06	0.30	29.50	1.92	1.70	0.76
3.50	0.21	0.08	0.34	30.00	1.97	1.74	0.77
4.00	0.24	0.10	0.36	30.50	2.02	1.79	0.77
4.50	0.27	0.12	0.38	31.00	2.06	1.84	0.72
5.00	0.30	0.15	0.40	31.50	2.11	1.88	0.72
5.50	0.33	0.17	0.41	32.00	2.15	1.92	0.72
6.00	0.36	0.20	0.42	32.50	2.20	1.97	0.72
6.50	0.39	0.22	0.43	33.00	2.24	2.01	0.72
7.00	0.43	0.25	0.44	33.50	2.28	2.06	0.72
7.50	0.46	0.28	0.44	34.00	2.33	2.10	0.72
8.00	0.49	0.31	0.45	34.50	2.37	2.14	0.72
8.50	0.52	0.33	0.45	35.00	2.42	2.19	0.72
9.00	0.55	0.36	0.46	35.50	2.46	2.23	0.72
9.50	0.58	0.39	0.46	36.00	2.50	2.27	0.72
10.00	0.61	0.42	0.46	36.50	2.55	2.32	0.72
10.50	0.64	0.44	0.47	37.00	2.59	2.36	0.72
11.00	0.67	0.47	0.47	37.50	2.63	2.40	0.72
11.50	0.70	0.50	0.47	38.00	2.68	2.45	0.72
12.00	0.73	0.53	0.47	38.50	2.72	2.49	0.72
12.50	0.76	0.56	0.47	39.00	2.77	2.54	0.72
13.00	0.79	0.59	0.48	39.50	2.81	2.58	0.72
13.50	0.82	0.62	0.48	40.00	2.85	2.62	0.72
14.00	0.85	0.65	0.48	40.50	2.90	2.67	0.72
14.50	0.88	0.68	0.48	41.00	2.94	2.71	0.72
15.00	0.91	0.71	0.48	41.50	2.99	2.75	0.72
15.50	0.94	0.73	0.48	42.00	3.03	2.80	0.72
16.00	0.97	0.76	0.48	42.50	3.07	2.84	0.72
16.50	1.00	0.79	0.48	43.00	3.12	2.88	0.72
17.00	1.03	0.82	0.48	43.50	3.16	2.93	0.72
17.50	1.06	0.85	0.48	44.00	3.20	2.97	0.72
18.00	1.09	0.88	0.49	44.50	3.25	3.02	0.72
18.50	1.12	0.91	0.49	45.00	3.29	3.06	0.72
19.00	1.15	0.94	0.49	45.50	3.34	3.10	0.72
19.50	1.18	0.97	0.49	46.00	3.38	3.15	0.72
20.00	1.21	1.00	0.49	46.50	3.42	3.19	0.72
20.50	1.25	1.03	0.49	47.00	3.47	3.23	0.72
21.00	1.28	1.06	0.49	47.50	3.51	3.28	0.72
21.50	1.31	1.09	0.49	48.00	3.56	3.32	0.72
22.00	1.34	1.12	0.49	48.50	3.61	3.38	0.84
22.50	1.37	1.15	0.49	49.00	3.66	3.43	0.81
23.00	1.40	1.18	0.49	49.50	3.71	3.48	0.82
23.50	1.43	1.21	0.49	50.00	3.76	3.53	0.83
24.00	1.46	1.24	0.49	50.50	3.82	3.59	0.95
24.50	1.49	1.27	0.60	51.00	3.88	3.65	0.99
25.00	1.53	1.31	0.65	51.50	3.95	3.71	1.04
25.50	1.57	1.35	0.66	52.00	4.01	3.78	1.09
26.00	1.61	1.39	0.67	52.50	4.10	3.86	1.31
26.50	1.65	1.43	0.69	53.00	4.19	3.95	1.47
27.00	1.70	1.47	0.70	53.50	4.28	4.05	1.60

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
54.00	4.39	4.16	1.73	80.50	13.50	13.26	0.00
54.50	4.51	4.28	1.93	81.00	13.50	13.26	0.00
55.00	4.64	4.40	2.10	81.50	13.50	13.26	0.00
55.50	4.78	4.54	2.26	82.00	13.50	13.26	0.00
56.00	4.93	4.69	2.43	82.50	13.50	13.26	0.00
56.50	5.10	4.86	2.71	83.00	13.50	13.26	0.00
57.00	5.28	5.04	2.96	83.50	13.50	13.26	0.00
57.50	5.47	5.24	3.18	84.00	13.50	13.26	0.00
58.00	5.68	5.45	3.41	84.50	13.50	13.26	0.00
58.50	5.92	5.68	3.84	85.00	13.50	13.26	0.00
59.00	6.24	6.00	5.02	85.50	13.50	13.26	0.00
59.50	6.74	6.50	7.98	86.00	13.50	13.26	0.00
60.00	10.08	9.84	56.18	86.50	13.50	13.26	0.00
60.50	10.81	10.57	16.61	87.00	13.50	13.26	0.00
61.00	11.19	10.94	6.90	87.50	13.50	13.26	0.00
61.50	11.46	11.21	4.66	88.00	13.50	13.26	0.00
62.00	11.69	11.45	3.97	88.50	13.50	13.26	0.00
62.50	11.87	11.63	3.03	89.00	13.50	13.26	0.00
63.00	12.03	11.79	2.70	89.50	13.50	13.26	0.00
63.50	12.18	11.94	2.44	90.00	13.50	13.26	0.00
64.00	12.31	12.07	2.17	90.50	13.50	13.26	0.00
64.50	12.40	12.16	1.53	91.00	13.50	13.26	0.00
65.00	12.49	12.24	1.47	91.50	13.50	13.26	0.00
65.50	12.58	12.33	1.46	92.00	13.50	13.26	0.00
66.00	12.66	12.42	1.46	92.50	13.50	13.26	0.00
66.50	12.75	12.51	1.47	93.00	13.50	13.26	0.00
67.00	12.84	12.60	1.46	93.50	13.50	13.26	0.00
67.50	12.94	12.70	1.55	94.00	13.50	13.26	0.00
68.00	13.02	12.78	1.41	94.50	13.50	13.26	0.00
68.50	13.08	12.84	1.02	95.00	13.50	13.26	0.00
69.00	13.14	12.90	0.98	95.50	13.50	13.26	0.00
69.50	13.20	12.96	0.98	96.00	13.50	13.26	0.00
70.00	13.26	13.02	0.98	96.50	13.50	13.26	0.00
70.50	13.32	13.08	0.98	97.00	13.50	13.26	0.00
71.00	13.38	13.14	0.98	97.50	13.50	13.26	0.00
71.50	13.44	13.20	0.98	98.00	13.50	13.26	0.00
72.00	13.50	13.26	0.98	98.50	13.50	13.26	0.00
72.50	13.50	13.26	0.12	99.00	13.50	13.26	0.00
73.00	13.50	13.26	0.00	99.50	13.50	13.26	0.00
73.50	13.50	13.26	0.00	100.00	13.50	13.26	0.00
74.00	13.50	13.26	0.00	100.50	13.50	13.26	0.00
74.50	13.50	13.26	0.00	101.00	13.50	13.26	0.00
75.00	13.50	13.26	0.00	101.50	13.50	13.26	0.00
75.50	13.50	13.26	0.00	102.00	13.50	13.26	0.00
76.00	13.50	13.26	0.00	102.50	13.50	13.26	0.00
76.50	13.50	13.26	0.00	103.00	13.50	13.26	0.00
77.00	13.50	13.26	0.00	103.50	13.50	13.26	0.00
77.50	13.50	13.26	0.00	104.00	13.50	13.26	0.00
78.00	13.50	13.26	0.00	104.50	13.50	13.26	0.00
78.50	13.50	13.26	0.00	105.00	13.50	13.26	0.00
79.00	13.50	13.26	0.00	105.50	13.50	13.26	0.00
79.50	13.50	13.26	0.00	106.00	13.50	13.26	0.00
80.00	13.50	13.26	0.00	106.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
107.00	13.50	13.26	0.00	133.50	13.50	13.26	0.00
107.50	13.50	13.26	0.00	134.00	13.50	13.26	0.00
108.00	13.50	13.26	0.00	134.50	13.50	13.26	0.00
108.50	13.50	13.26	0.00	135.00	13.50	13.26	0.00
109.00	13.50	13.26	0.00	135.50	13.50	13.26	0.00
109.50	13.50	13.26	0.00	136.00	13.50	13.26	0.00
110.00	13.50	13.26	0.00	136.50	13.50	13.26	0.00
110.50	13.50	13.26	0.00	137.00	13.50	13.26	0.00
111.00	13.50	13.26	0.00	137.50	13.50	13.26	0.00
111.50	13.50	13.26	0.00	138.00	13.50	13.26	0.00
112.00	13.50	13.26	0.00	138.50	13.50	13.26	0.00
112.50	13.50	13.26	0.00	139.00	13.50	13.26	0.00
113.00	13.50	13.26	0.00	139.50	13.50	13.26	0.00
113.50	13.50	13.26	0.00	140.00	13.50	13.26	0.00
114.00	13.50	13.26	0.00	140.50	13.50	13.26	0.00
114.50	13.50	13.26	0.00	141.00	13.50	13.26	0.00
115.00	13.50	13.26	0.00	141.50	13.50	13.26	0.00
115.50	13.50	13.26	0.00	142.00	13.50	13.26	0.00
116.00	13.50	13.26	0.00	142.50	13.50	13.26	0.00
116.50	13.50	13.26	0.00	143.00	13.50	13.26	0.00
117.00	13.50	13.26	0.00	143.50	13.50	13.26	0.00
117.50	13.50	13.26	0.00	144.00	13.50	13.26	0.00
118.00	13.50	13.26	0.00	144.50	13.50	13.26	0.00
118.50	13.50	13.26	0.00	145.00	13.50	13.26	0.00
119.00	13.50	13.26	0.00	145.50	13.50	13.26	0.00
119.50	13.50	13.26	0.00	146.00	13.50	13.26	0.00
120.00	13.50	13.26	0.00	146.50	13.50	13.26	0.00
120.50	13.50	13.26	0.00	147.00	13.50	13.26	0.00
121.00	13.50	13.26	0.00	147.50	13.50	13.26	0.00
121.50	13.50	13.26	0.00	148.00	13.50	13.26	0.00
122.00	13.50	13.26	0.00	148.50	13.50	13.26	0.00
122.50	13.50	13.26	0.00	149.00	13.50	13.26	0.00
123.00	13.50	13.26	0.00	149.50	13.50	13.26	0.00
123.50	13.50	13.26	0.00	150.00	13.50	13.26	0.00
124.00	13.50	13.26	0.00	150.50	13.50	13.26	0.00
124.50	13.50	13.26	0.00	151.00	13.50	13.26	0.00
125.00	13.50	13.26	0.00	151.50	13.50	13.26	0.00
125.50	13.50	13.26	0.00	152.00	13.50	13.26	0.00
126.00	13.50	13.26	0.00	152.50	13.50	13.26	0.00
126.50	13.50	13.26	0.00	153.00	13.50	13.26	0.00
127.00	13.50	13.26	0.00	153.50	13.50	13.26	0.00
127.50	13.50	13.26	0.00	154.00	13.50	13.26	0.00
128.00	13.50	13.26	0.00	154.50	13.50	13.26	0.00
128.50	13.50	13.26	0.00	155.00	13.50	13.26	0.00
129.00	13.50	13.26	0.00	155.50	13.50	13.26	0.00
129.50	13.50	13.26	0.00	156.00	13.50	13.26	0.00
130.00	13.50	13.26	0.00	156.50	13.50	13.26	0.00
130.50	13.50	13.26	0.00	157.00	13.50	13.26	0.00
131.00	13.50	13.26	0.00	157.50	13.50	13.26	0.00
131.50	13.50	13.26	0.00	158.00	13.50	13.26	0.00
132.00	13.50	13.26	0.00	158.50	13.50	13.26	0.00
132.50	13.50	13.26	0.00	159.00	13.50	13.26	0.00
133.00	13.50	13.26	0.00	159.50	13.50	13.26	0.00

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
160.00	13.50	13.26	0.00	186.50	13.50	13.26	0.00
160.50	13.50	13.26	0.00	187.00	13.50	13.26	0.00
161.00	13.50	13.26	0.00	187.50	13.50	13.26	0.00
161.50	13.50	13.26	0.00	188.00	13.50	13.26	0.00
162.00	13.50	13.26	0.00	188.50	13.50	13.26	0.00
162.50	13.50	13.26	0.00	189.00	13.50	13.26	0.00
163.00	13.50	13.26	0.00	189.50	13.50	13.26	0.00
163.50	13.50	13.26	0.00	190.00	13.50	13.26	0.00
164.00	13.50	13.26	0.00	190.50	13.50	13.26	0.00
164.50	13.50	13.26	0.00	191.00	13.50	13.26	0.00
165.00	13.50	13.26	0.00	191.50	13.50	13.26	0.00
165.50	13.50	13.26	0.00	192.00	13.50	13.26	0.00
166.00	13.50	13.26	0.00	192.50	13.50	13.26	0.00
166.50	13.50	13.26	0.00	193.00	13.50	13.26	0.00
167.00	13.50	13.26	0.00	193.50	13.50	13.26	0.00
167.50	13.50	13.26	0.00	194.00	13.50	13.26	0.00
168.00	13.50	13.26	0.00	194.50	13.50	13.26	0.00
168.50	13.50	13.26	0.00	195.00	13.50	13.26	0.00
169.00	13.50	13.26	0.00	195.50	13.50	13.26	0.00
169.50	13.50	13.26	0.00	196.00	13.50	13.26	0.00
170.00	13.50	13.26	0.00	196.50	13.50	13.26	0.00
170.50	13.50	13.26	0.00	197.00	13.50	13.26	0.00
171.00	13.50	13.26	0.00	197.50	13.50	13.26	0.00
171.50	13.50	13.26	0.00	198.00	13.50	13.26	0.00
172.00	13.50	13.26	0.00	198.50	13.50	13.26	0.00
172.50	13.50	13.26	0.00	199.00	13.50	13.26	0.00
173.00	13.50	13.26	0.00	199.50	13.50	13.26	0.00
173.50	13.50	13.26	0.00	200.00	13.50	13.26	0.00
174.00	13.50	13.26	0.00	200.50	13.50	13.26	0.00
174.50	13.50	13.26	0.00	201.00	13.50	13.26	0.00
175.00	13.50	13.26	0.00	201.50	13.50	13.26	0.00
175.50	13.50	13.26	0.00	202.00	13.50	13.26	0.00
176.00	13.50	13.26	0.00	202.50	13.50	13.26	0.00
176.50	13.50	13.26	0.00	203.00	13.50	13.26	0.00
177.00	13.50	13.26	0.00	203.50	13.50	13.26	0.00
177.50	13.50	13.26	0.00	204.00	13.50	13.26	0.00
178.00	13.50	13.26	0.00	204.50	13.50	13.26	0.00
178.50	13.50	13.26	0.00	205.00	13.50	13.26	0.00
179.00	13.50	13.26	0.00	205.50	13.50	13.26	0.00
179.50	13.50	13.26	0.00	206.00	13.50	13.26	0.00
180.00	13.50	13.26	0.00	206.50	13.50	13.26	0.00
180.50	13.50	13.26	0.00	207.00	13.50	13.26	0.00
181.00	13.50	13.26	0.00	207.50	13.50	13.26	0.00
181.50	13.50	13.26	0.00	208.00	13.50	13.26	0.00
182.00	13.50	13.26	0.00	208.50	13.50	13.26	0.00
182.50	13.50	13.26	0.00	209.00	13.50	13.26	0.00
183.00	13.50	13.26	0.00	209.50	13.50	13.26	0.00
183.50	13.50	13.26	0.00	210.00	13.50	13.26	0.00
184.00	13.50	13.26	0.00	210.50	13.50	13.26	0.00
184.50	13.50	13.26	0.00	211.00	13.50	13.26	0.00
185.00	13.50	13.26	0.00	211.50	13.50	13.26	0.00
185.50	13.50	13.26	0.00	212.00	13.50	13.26	0.00
186.00	13.50	13.26	0.00	212.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
213.00	13.50	13.26	0.00	239.50	13.50	13.26	0.00
213.50	13.50	13.26	0.00	240.00	13.50	13.26	0.00
214.00	13.50	13.26	0.00	240.50	13.50	13.26	0.00
214.50	13.50	13.26	0.00	241.00	13.50	13.26	0.00
215.00	13.50	13.26	0.00	241.50	13.50	13.26	0.00
215.50	13.50	13.26	0.00	242.00	13.50	13.26	0.00
216.00	13.50	13.26	0.00	242.50	13.50	13.26	0.00
216.50	13.50	13.26	0.00	243.00	13.50	13.26	0.00
217.00	13.50	13.26	0.00	243.50	13.50	13.26	0.00
217.50	13.50	13.26	0.00	244.00	13.50	13.26	0.00
218.00	13.50	13.26	0.00	244.50	13.50	13.26	0.00
218.50	13.50	13.26	0.00	245.00	13.50	13.26	0.00
219.00	13.50	13.26	0.00	245.50	13.50	13.26	0.00
219.50	13.50	13.26	0.00	246.00	13.50	13.26	0.00
220.00	13.50	13.26	0.00	246.50	13.50	13.26	0.00
220.50	13.50	13.26	0.00	247.00	13.50	13.26	0.00
221.00	13.50	13.26	0.00	247.50	13.50	13.26	0.00
221.50	13.50	13.26	0.00	248.00	13.50	13.26	0.00
222.00	13.50	13.26	0.00	248.50	13.50	13.26	0.00
222.50	13.50	13.26	0.00	249.00	13.50	13.26	0.00
223.00	13.50	13.26	0.00	249.50	13.50	13.26	0.00
223.50	13.50	13.26	0.00	250.00	13.50	13.26	0.00
224.00	13.50	13.26	0.00	250.50	13.50	13.26	0.00
224.50	13.50	13.26	0.00	251.00	13.50	13.26	0.00
225.00	13.50	13.26	0.00	251.50	13.50	13.26	0.00
225.50	13.50	13.26	0.00	252.00	13.50	13.26	0.00
226.00	13.50	13.26	0.00	252.50	13.50	13.26	0.00
226.50	13.50	13.26	0.00	253.00	13.50	13.26	0.00
227.00	13.50	13.26	0.00	253.50	13.50	13.26	0.00
227.50	13.50	13.26	0.00	254.00	13.50	13.26	0.00
228.00	13.50	13.26	0.00	254.50	13.50	13.26	0.00
228.50	13.50	13.26	0.00	255.00	13.50	13.26	0.00
229.00	13.50	13.26	0.00	255.50	13.50	13.26	0.00
229.50	13.50	13.26	0.00	256.00	13.50	13.26	0.00
230.00	13.50	13.26	0.00	256.50	13.50	13.26	0.00
230.50	13.50	13.26	0.00	257.00	13.50	13.26	0.00
231.00	13.50	13.26	0.00	257.50	13.50	13.26	0.00
231.50	13.50	13.26	0.00	258.00	13.50	13.26	0.00
232.00	13.50	13.26	0.00	258.50	13.50	13.26	0.00
232.50	13.50	13.26	0.00	259.00	13.50	13.26	0.00
233.00	13.50	13.26	0.00	259.50	13.50	13.26	0.00
233.50	13.50	13.26	0.00	260.00	13.50	13.26	0.00
234.00	13.50	13.26	0.00	260.50	13.50	13.26	0.00
234.50	13.50	13.26	0.00	261.00	13.50	13.26	0.00
235.00	13.50	13.26	0.00	261.50	13.50	13.26	0.00
235.50	13.50	13.26	0.00	262.00	13.50	13.26	0.00
236.00	13.50	13.26	0.00	262.50	13.50	13.26	0.00
236.50	13.50	13.26	0.00	263.00	13.50	13.26	0.00
237.00	13.50	13.26	0.00	263.50	13.50	13.26	0.00
237.50	13.50	13.26	0.00	264.00	13.50	13.26	0.00
238.00	13.50	13.26	0.00	264.50	13.50	13.26	0.00
238.50	13.50	13.26	0.00	265.00	13.50	13.26	0.00
239.00	13.50	13.26	0.00	265.50	13.50	13.26	0.00

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Subcatchment 11S: SB-5 (continued)

Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)	Time (hours)	Precip. (inches)	Excess (inches)	Runoff (cfs)
266.00	13.50	13.26	0.00	292.50	13.50	13.26	0.00
266.50	13.50	13.26	0.00	293.00	13.50	13.26	0.00
267.00	13.50	13.26	0.00	293.50	13.50	13.26	0.00
267.50	13.50	13.26	0.00	294.00	13.50	13.26	0.00
268.00	13.50	13.26	0.00	294.50	13.50	13.26	0.00
268.50	13.50	13.26	0.00	295.00	13.50	13.26	0.00
269.00	13.50	13.26	0.00	295.50	13.50	13.26	0.00
269.50	13.50	13.26	0.00	296.00	13.50	13.26	0.00
270.00	13.50	13.26	0.00	296.50	13.50	13.26	0.00
270.50	13.50	13.26	0.00	297.00	13.50	13.26	0.00
271.00	13.50	13.26	0.00	297.50	13.50	13.26	0.00
271.50	13.50	13.26	0.00	298.00	13.50	13.26	0.00
272.00	13.50	13.26	0.00	298.50	13.50	13.26	0.00
272.50	13.50	13.26	0.00	299.00	13.50	13.26	0.00
273.00	13.50	13.26	0.00	299.50	13.50	13.26	0.00
273.50	13.50	13.26	0.00	300.00	13.50	13.26	0.00
274.00	13.50	13.26	0.00				
274.50	13.50	13.26	0.00				
275.00	13.50	13.26	0.00				
275.50	13.50	13.26	0.00				
276.00	13.50	13.26	0.00				
276.50	13.50	13.26	0.00				
277.00	13.50	13.26	0.00				
277.50	13.50	13.26	0.00				
278.00	13.50	13.26	0.00				
278.50	13.50	13.26	0.00				
279.00	13.50	13.26	0.00				
279.50	13.50	13.26	0.00				
280.00	13.50	13.26	0.00				
280.50	13.50	13.26	0.00				
281.00	13.50	13.26	0.00				
281.50	13.50	13.26	0.00				
282.00	13.50	13.26	0.00				
282.50	13.50	13.26	0.00				
283.00	13.50	13.26	0.00				
283.50	13.50	13.26	0.00				
284.00	13.50	13.26	0.00				
284.50	13.50	13.26	0.00				
285.00	13.50	13.26	0.00				
285.50	13.50	13.26	0.00				
286.00	13.50	13.26	0.00				
286.50	13.50	13.26	0.00				
287.00	13.50	13.26	0.00				
287.50	13.50	13.26	0.00				
288.00	13.50	13.26	0.00				
288.50	13.50	13.26	0.00				
289.00	13.50	13.26	0.00				
289.50	13.50	13.26	0.00				
290.00	13.50	13.26	0.00				
290.50	13.50	13.26	0.00				
291.00	13.50	13.26	0.00				
291.50	13.50	13.26	0.00				
292.00	13.50	13.26	0.00				

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Pond 1P: Pond 1

Inflow Area = 12.454 ac, 84.31% Impervious, Inflow Depth = 10.84" for 25YR-72HR event
 Inflow = 85.51 cfs @ 59.82 hrs, Volume= 11.247 af
 Outflow = 25.29 cfs @ 60.11 hrs, Volume= 11.247 af, Atten= 70%, Lag= 17.4 min
 Discarded = 5.47 cfs @ 60.11 hrs, Volume= 6.723 af
 Primary = 19.82 cfs @ 60.11 hrs, Volume= 4.523 af

Routing by Stor-Ind method, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs / 2
 Peak Elev= 4.39' @ 60.11 hrs Surf.Area= 2.517 ac Storage= 2.379 af

Plug-Flow detention time= 35.8 min calculated for 11.247 af (100% of inflow)
 Center-of-Mass det. time= 35.8 min (3,254.2 - 3,218.4)

Volume	Invert	Avail.Storage	Storage Description
#1	3.40'	2.410 af	Custom Stage Data (Prismatic) Listed below (Recalc)
Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
3.40	2.300	0.000	0.000
4.40	2.520	2.410	2.410

Device	Routing	Invert	Outlet Devices
#1	Primary	3.40'	3.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Primary	3.07'	108.0 deg x 0.9' long Sharp-Crested Vee/Trap Weir Cv= 2.49 (C= 3.11)
#3	Discarded	3.40'	1.550 in/hr Exfiltration over Surface area Conductivity to Groundwater Elevation = 1.00'

Discarded OutFlow Max=5.47 cfs @ 60.11 hrs HW=4.39' (Free Discharge)
 ↳ **3=Exfiltration** (Controls 5.47 cfs)

Primary OutFlow Max=19.77 cfs @ 60.11 hrs HW=4.39' (Free Discharge)
 ↳ **1=Broad-Crested Rectangular Weir** (Weir Controls 8.73 cfs @ 2.95 fps)
 ↳ **2=Sharp-Crested Vee/Trap Weir** (Weir Controls 11.04 cfs @ 3.09 fps)

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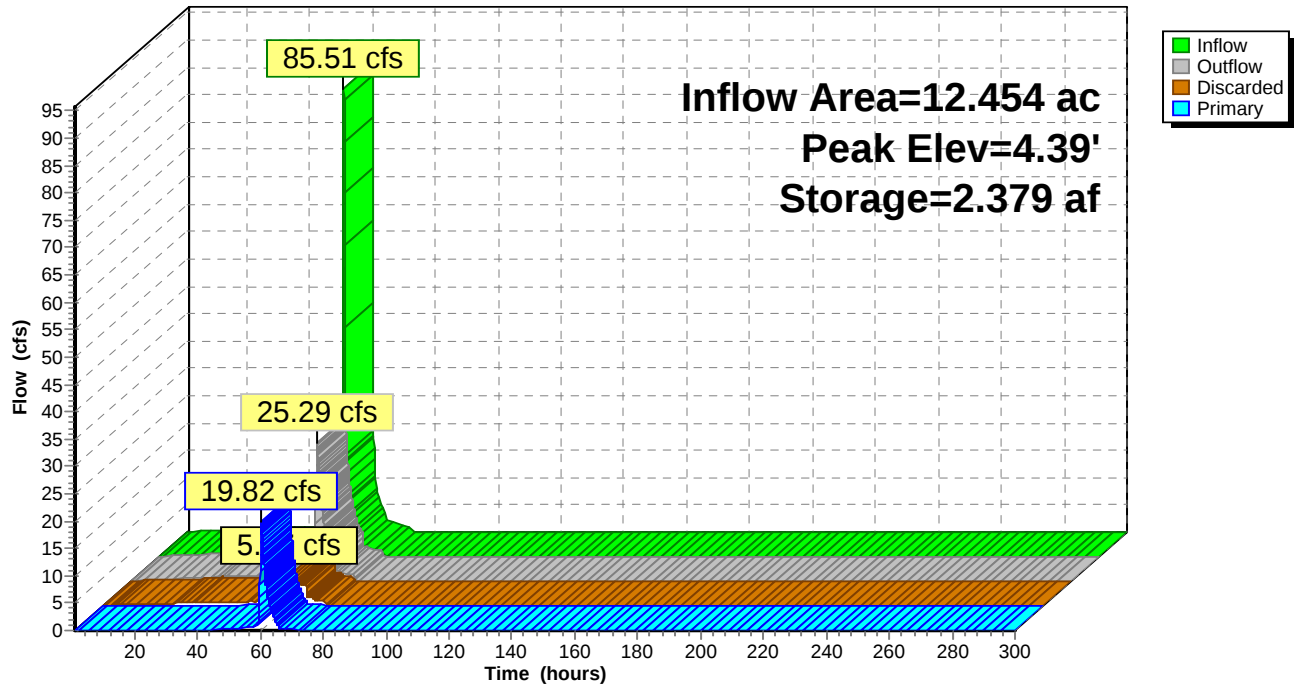
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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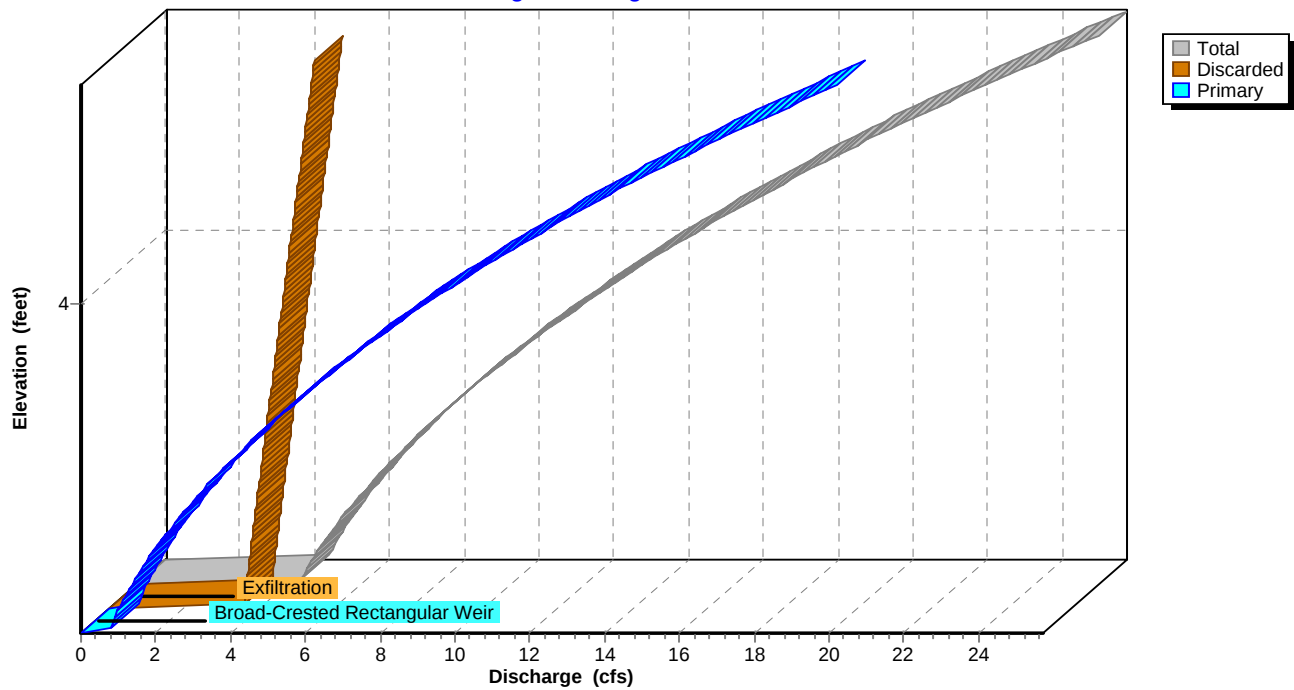
Pond 1P: Pond 1

Hydrograph



Pond 1P: Pond 1

Stage-Discharge



Existing Stormwater Analysis

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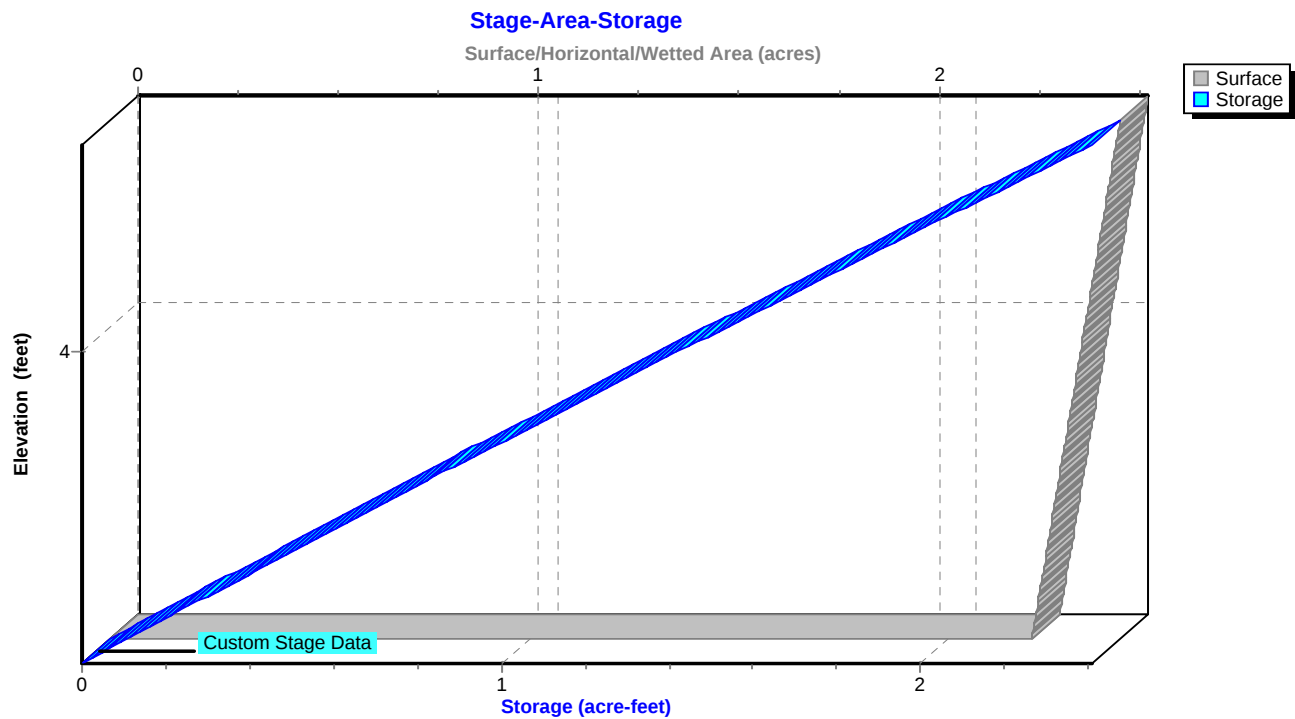
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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Pond 1P: Pond 1



Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 1P: Pond 1

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
1.00	0.00	0.000	3.40	0.00	0.00	0.00	0.000
2.00	0.00	0.000	3.40	0.00	0.00	0.00	0.000
3.00	0.09	0.000	3.40	0.08	0.07	0.01	0.003
4.00	0.17	0.001	3.40	0.16	0.13	0.03	0.014
5.00	0.23	0.001	3.40	0.23	0.19	0.04	0.030
6.00	0.28	0.001	3.40	0.28	0.23	0.05	0.051
7.00	0.32	0.002	3.40	0.32	0.26	0.06	0.076
8.00	0.36	0.002	3.40	0.35	0.29	0.06	0.104
9.00	0.38	0.002	3.40	0.38	0.31	0.07	0.134
10.00	0.41	0.002	3.40	0.40	0.33	0.07	0.167
11.00	0.43	0.002	3.40	0.42	0.35	0.08	0.201
12.00	0.44	0.002	3.40	0.44	0.36	0.08	0.237
13.00	0.46	0.002	3.40	0.46	0.37	0.08	0.274
14.00	0.47	0.002	3.40	0.47	0.38	0.08	0.313
15.00	0.48	0.003	3.40	0.48	0.39	0.09	0.352
16.00	0.49	0.003	3.40	0.49	0.40	0.09	0.392
17.00	0.50	0.003	3.40	0.50	0.41	0.09	0.433
18.00	0.51	0.003	3.40	0.51	0.42	0.09	0.475
19.00	0.51	0.003	3.40	0.51	0.42	0.09	0.517
20.00	0.52	0.003	3.40	0.52	0.43	0.09	0.560
21.00	0.53	0.003	3.40	0.53	0.43	0.09	0.603
22.00	0.53	0.003	3.40	0.53	0.43	0.10	0.646
23.00	0.53	0.003	3.40	0.53	0.44	0.10	0.690
24.00	0.54	0.003	3.40	0.54	0.44	0.10	0.735
25.00	0.72	0.004	3.40	0.72	0.59	0.13	0.791
26.00	0.75	0.004	3.40	0.75	0.62	0.14	0.852
27.00	0.79	0.004	3.40	0.79	0.64	0.14	0.915
28.00	0.82	0.004	3.40	0.82	0.67	0.15	0.982
29.00	0.85	0.004	3.40	0.85	0.70	0.15	1.051
30.00	0.90	0.005	3.40	0.89	0.73	0.16	1.122
31.00	0.82	0.004	3.40	0.82	0.67	0.15	1.195
32.00	0.82	0.004	3.40	0.82	0.67	0.15	1.263
33.00	0.82	0.004	3.40	0.82	0.67	0.15	1.331
34.00	0.83	0.004	3.40	0.83	0.68	0.15	1.399
35.00	0.83	0.004	3.40	0.83	0.68	0.15	1.467
36.00	0.83	0.004	3.40	0.83	0.68	0.15	1.536
37.00	0.83	0.004	3.40	0.83	0.68	0.15	1.605
38.00	0.83	0.004	3.40	0.83	0.68	0.15	1.673
39.00	0.84	0.004	3.40	0.84	0.69	0.15	1.742
40.00	0.84	0.004	3.40	0.84	0.69	0.15	1.812
41.00	0.84	0.004	3.40	0.84	0.69	0.15	1.881
42.00	0.84	0.004	3.40	0.84	0.69	0.15	1.950
43.00	0.84	0.004	3.40	0.84	0.69	0.15	2.020
44.00	0.84	0.004	3.40	0.84	0.69	0.15	2.090
45.00	0.84	0.004	3.40	0.84	0.69	0.15	2.159
46.00	0.85	0.004	3.40	0.85	0.69	0.15	2.229
47.00	0.85	0.004	3.40	0.85	0.69	0.15	2.299
48.00	0.86	0.004	3.40	0.85	0.70	0.15	2.369
49.00	0.96	0.005	3.40	0.96	0.79	0.17	2.453
50.00	0.98	0.005	3.40	0.98	0.80	0.18	2.533
51.00	1.20	0.006	3.40	1.19	0.97	0.21	2.628
52.00	1.32	0.007	3.40	1.31	1.07	0.24	2.731
53.00	1.82	0.009	3.40	1.80	1.47	0.32	2.865

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

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Hydrograph for Pond 1P: Pond 1 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
54.00	2.16	0.011	3.40	2.13	1.75	0.38	3.028
55.00	2.64	0.014	3.41	2.62	2.15	0.47	3.227
56.00	3.07	0.016	3.41	3.04	2.50	0.55	3.462
57.00	3.79	0.020	3.41	3.75	3.08	0.68	3.746
58.00	4.39	0.023	3.41	4.35	3.57	0.78	4.083
59.00	7.04	0.103	3.44	4.69	3.68	1.01	4.454
60.00	56.99	2.241	4.33	23.41	5.37	18.05	5.203
61.00	9.87	1.795	4.15	17.90	5.02	12.89	7.018
62.00	6.54	1.216	3.92	12.04	4.56	7.48	8.214
63.00	4.48	0.801	3.74	8.68	4.23	4.45	9.051
64.00	3.30	0.494	3.61	6.64	3.99	2.65	9.674
65.00	2.20	0.213	3.49	5.16	3.77	1.39	10.153
66.00	1.98	0.012	3.41	2.27	1.86	0.41	10.520
67.00	1.87	0.010	3.40	1.88	1.54	0.34	10.681
68.00	1.67	0.009	3.40	1.70	1.39	0.31	10.836
69.00	1.20	0.006	3.40	1.20	0.99	0.22	10.942
70.00	1.18	0.006	3.40	1.18	0.97	0.21	11.040
71.00	1.17	0.006	3.40	1.17	0.96	0.21	11.137
72.00	1.18	0.006	3.40	1.18	0.96	0.21	11.234
73.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
74.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
75.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
76.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
77.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
78.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
79.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
80.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
81.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
82.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
83.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
84.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
85.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
86.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
87.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
88.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
89.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
90.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
91.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
92.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
93.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
94.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
95.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
96.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
97.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
98.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
99.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
100.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
101.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
102.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
103.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
104.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
105.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
106.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 1P: Pond 1 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
107.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
108.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
109.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
110.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
111.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
112.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
113.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
114.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
115.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
116.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
117.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
118.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
119.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
120.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
121.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
122.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
123.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
124.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
125.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
126.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
127.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
128.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
129.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
130.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
131.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
132.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
133.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
134.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
135.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
136.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
137.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
138.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
139.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
140.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
141.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
142.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
143.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
144.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
145.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
146.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
147.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
148.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
149.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
150.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
151.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
152.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
153.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
154.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
155.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
156.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
157.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
158.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
159.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 1P: Pond 1 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
160.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
161.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
162.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
163.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
164.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
165.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
166.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
167.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
168.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
169.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
170.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
171.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
172.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
173.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
174.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
175.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
176.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
177.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
178.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
179.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
180.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
181.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
182.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
183.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
184.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
185.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
186.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
187.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
188.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
189.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
190.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
191.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
192.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
193.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
194.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
195.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
196.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
197.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
198.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
199.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
200.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
201.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
202.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
203.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
204.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
205.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
206.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
207.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
208.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
209.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
210.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
211.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
212.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 1P: Pond 1 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
213.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
214.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
215.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
216.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
217.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
218.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
219.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
220.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
221.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
222.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
223.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
224.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
225.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
226.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
227.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
228.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
229.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
230.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
231.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
232.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
233.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
234.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
235.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
236.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
237.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
238.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
239.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
240.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
241.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
242.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
243.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
244.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
245.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
246.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
247.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
248.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
249.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
250.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
251.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
252.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
253.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
254.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
255.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
256.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
257.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
258.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
259.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
260.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
261.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
262.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
263.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
264.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
265.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 1P: Pond 1 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
266.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
267.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
268.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
269.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
270.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
271.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
272.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
273.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
274.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
275.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
276.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
277.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
278.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
279.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
280.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
281.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
282.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
283.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
284.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
285.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
286.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
287.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
288.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
289.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
290.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
291.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
292.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
293.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
294.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
295.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
296.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
297.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
298.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
299.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247
300.00	0.00	0.000	3.40	0.00	0.00	0.00	11.247

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 1P: Pond 1

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
3.40	0.00	0.00	0.00	3.93	12.34	4.59	7.76
3.41	4.41	3.61	0.79	3.94	12.56	4.61	7.96
3.42	4.48	3.63	0.85	3.95	12.79	4.63	8.16
3.43	4.56	3.65	0.91	3.96	13.01	4.65	8.36
3.44	4.65	3.67	0.98	3.97	13.24	4.67	8.57
3.45	4.74	3.69	1.05	3.98	13.46	4.68	8.78
3.46	4.83	3.71	1.13	3.99	13.69	4.70	8.99
3.47	4.93	3.72	1.20	4.00	13.93	4.72	9.21
3.48	5.03	3.74	1.29	4.01	14.17	4.74	9.43
3.49	5.13	3.76	1.37	4.02	14.41	4.76	9.65
3.50	5.24	3.78	1.46	4.03	14.66	4.78	9.88
3.51	5.35	3.80	1.55	4.04	14.91	4.80	10.11
3.52	5.46	3.82	1.65	4.05	15.16	4.82	10.34
3.53	5.58	3.84	1.74	4.06	15.41	4.84	10.57
3.54	5.70	3.85	1.84	4.07	15.67	4.86	10.81
3.55	5.82	3.87	1.95	4.08	15.93	4.88	11.05
3.56	5.94	3.89	2.05	4.09	16.19	4.90	11.29
3.57	6.07	3.91	2.16	4.10	16.45	4.92	11.54
3.58	6.20	3.93	2.27	4.11	16.72	4.93	11.79
3.59	6.33	3.95	2.39	4.12	16.99	4.95	12.04
3.60	6.47	3.97	2.50	4.13	17.26	4.97	12.29
3.61	6.61	3.98	2.62	4.14	17.54	4.99	12.54
3.62	6.75	4.00	2.75	4.15	17.82	5.01	12.80
3.63	6.89	4.02	2.87	4.16	18.10	5.03	13.06
3.64	7.04	4.04	3.00	4.17	18.38	5.05	13.33
3.65	7.19	4.06	3.13	4.18	18.66	5.07	13.59
3.66	7.34	4.08	3.26	4.19	18.95	5.09	13.86
3.67	7.49	4.10	3.39	4.20	19.24	5.11	14.13
3.68	7.65	4.12	3.53	4.21	19.54	5.13	14.41
3.69	7.81	4.13	3.67	4.22	19.84	5.15	14.69
3.70	7.97	4.15	3.81	4.23	20.14	5.17	14.98
3.71	8.13	4.17	3.96	4.24	20.45	5.19	15.26
3.72	8.30	4.19	4.11	4.25	20.76	5.21	15.55
3.73	8.47	4.21	4.26	4.26	21.07	5.23	15.84
3.74	8.64	4.23	4.41	4.27	21.38	5.24	16.14
3.75	8.81	4.25	4.56	4.28	21.70	5.26	16.43
3.76	8.99	4.27	4.72	4.29	22.02	5.28	16.74
3.77	9.16	4.29	4.88	4.30	22.34	5.30	17.04
3.78	9.35	4.30	5.04	4.31	22.67	5.32	17.34
3.79	9.53	4.32	5.21	4.32	23.00	5.34	17.65
3.80	9.71	4.34	5.37	4.33	23.33	5.36	17.96
3.81	9.90	4.36	5.54	4.34	23.66	5.38	18.28
3.82	10.09	4.38	5.71	4.35	24.00	5.40	18.60
3.83	10.29	4.40	5.89	4.36	24.34	5.42	18.92
3.84	10.48	4.42	6.06	4.37	24.68	5.44	19.24
3.85	10.68	4.44	6.24	4.38	25.03	5.46	19.57
3.86	10.88	4.46	6.42	4.39	25.38	5.48	19.90
3.87	11.08	4.47	6.61	4.40	25.73	5.50	20.23
3.88	11.29	4.49	6.79				
3.89	11.49	4.51	6.98				
3.90	11.70	4.53	7.17				
3.91	11.91	4.55	7.36				
3.92	12.13	4.57	7.56				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 1P: Pond 1

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
3.40	2.300	0.000	3.93	2.417	1.250
3.41	2.302	0.023	3.94	2.419	1.274
3.42	2.304	0.046	3.95	2.421	1.298
3.43	2.307	0.069	3.96	2.423	1.322
3.44	2.309	0.092	3.97	2.425	1.347
3.45	2.311	0.115	3.98	2.428	1.371
3.46	2.313	0.138	3.99	2.430	1.395
3.47	2.315	0.162	4.00	2.432	1.420
3.48	2.318	0.185	4.01	2.434	1.444
3.49	2.320	0.208	4.02	2.436	1.468
3.50	2.322	0.231	4.03	2.439	1.493
3.51	2.324	0.254	4.04	2.441	1.517
3.52	2.326	0.278	4.05	2.443	1.541
3.53	2.329	0.301	4.06	2.445	1.566
3.54	2.331	0.324	4.07	2.447	1.590
3.55	2.333	0.347	4.08	2.450	1.615
3.56	2.335	0.371	4.09	2.452	1.639
3.57	2.337	0.394	4.10	2.454	1.664
3.58	2.340	0.418	4.11	2.456	1.688
3.59	2.342	0.441	4.12	2.458	1.713
3.60	2.344	0.464	4.13	2.461	1.738
3.61	2.346	0.488	4.14	2.463	1.762
3.62	2.348	0.511	4.15	2.465	1.787
3.63	2.351	0.535	4.16	2.467	1.812
3.64	2.353	0.558	4.17	2.469	1.836
3.65	2.355	0.582	4.18	2.472	1.861
3.66	2.357	0.605	4.19	2.474	1.886
3.67	2.359	0.629	4.20	2.476	1.910
3.68	2.362	0.653	4.21	2.478	1.935
3.69	2.364	0.676	4.22	2.480	1.960
3.70	2.366	0.700	4.23	2.483	1.985
3.71	2.368	0.724	4.24	2.485	2.010
3.72	2.370	0.747	4.25	2.487	2.034
3.73	2.373	0.771	4.26	2.489	2.059
3.74	2.375	0.795	4.27	2.491	2.084
3.75	2.377	0.818	4.28	2.494	2.109
3.76	2.379	0.842	4.29	2.496	2.134
3.77	2.381	0.866	4.30	2.498	2.159
3.78	2.384	0.890	4.31	2.500	2.184
3.79	2.386	0.914	4.32	2.502	2.209
3.80	2.388	0.938	4.33	2.505	2.234
3.81	2.390	0.961	4.34	2.507	2.259
3.82	2.392	0.985	4.35	2.509	2.284
3.83	2.395	1.009	4.36	2.511	2.309
3.84	2.397	1.033	4.37	2.513	2.334
3.85	2.399	1.057	4.38	2.516	2.360
3.86	2.401	1.081	4.39	2.518	2.385
3.87	2.403	1.105	4.40	2.520	2.410
3.88	2.406	1.129			
3.89	2.408	1.153			
3.90	2.410	1.177			
3.91	2.412	1.202			
3.92	2.414	1.226			

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Pond 2P: Pond 2

Inflow Area = 2.820 ac, 80.50% Impervious, Inflow Depth = 12.77" for 25YR-72HR event
 Inflow = 24.78 cfs @ 59.82 hrs, Volume= 3.001 af
 Outflow = 19.07 cfs @ 59.95 hrs, Volume= 3.001 af, Atten= 23%, Lag= 8.0 min
 Discarded = 1.04 cfs @ 59.95 hrs, Volume= 1.632 af
 Primary = 18.04 cfs @ 59.95 hrs, Volume= 1.369 af

Routing by Stor-Ind method, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs / 2
 Peak Elev= 3.78' @ 59.95 hrs Surf.Area= 0.380 ac Storage= 0.421 af

Plug-Flow detention time= 33.9 min calculated for 3.001 af (100% of inflow)
 Center-of-Mass det. time= 33.9 min (3,216.2 - 3,182.3)

Volume	Invert	Avail.Storage	Storage Description
#1	2.40'	0.680 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
2.40	0.240	0.000	0.000
3.40	0.330	0.285	0.285
4.40	0.460	0.395	0.680

Device	Routing	Invert	Outlet Devices
#1	Primary	2.85'	3.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Primary	2.52'	108.0 deg x 0.9' long Sharp-Crested Vee/Trap Weir Cv= 2.49 (C= 3.11)
#3	Discarded	2.40'	1.550 in/hr Exfiltration over Surface area Conductivity to Groundwater Elevation = 1.00'

Discarded OutFlow Max=1.04 cfs @ 59.95 hrs HW=3.78' (Free Discharge)
 ↳ **3=Exfiltration** (Controls 1.04 cfs)

Primary OutFlow Max=18.02 cfs @ 59.95 hrs HW=3.78' (Free Discharge)
 ↳ **1=Broad-Crested Rectangular Weir** (Weir Controls 7.92 cfs @ 2.83 fps)
 ↳ **2=Sharp-Crested Vee/Trap Weir** (Weir Controls 10.10 cfs @ 3.04 fps)

Existing Stormwater Analysis

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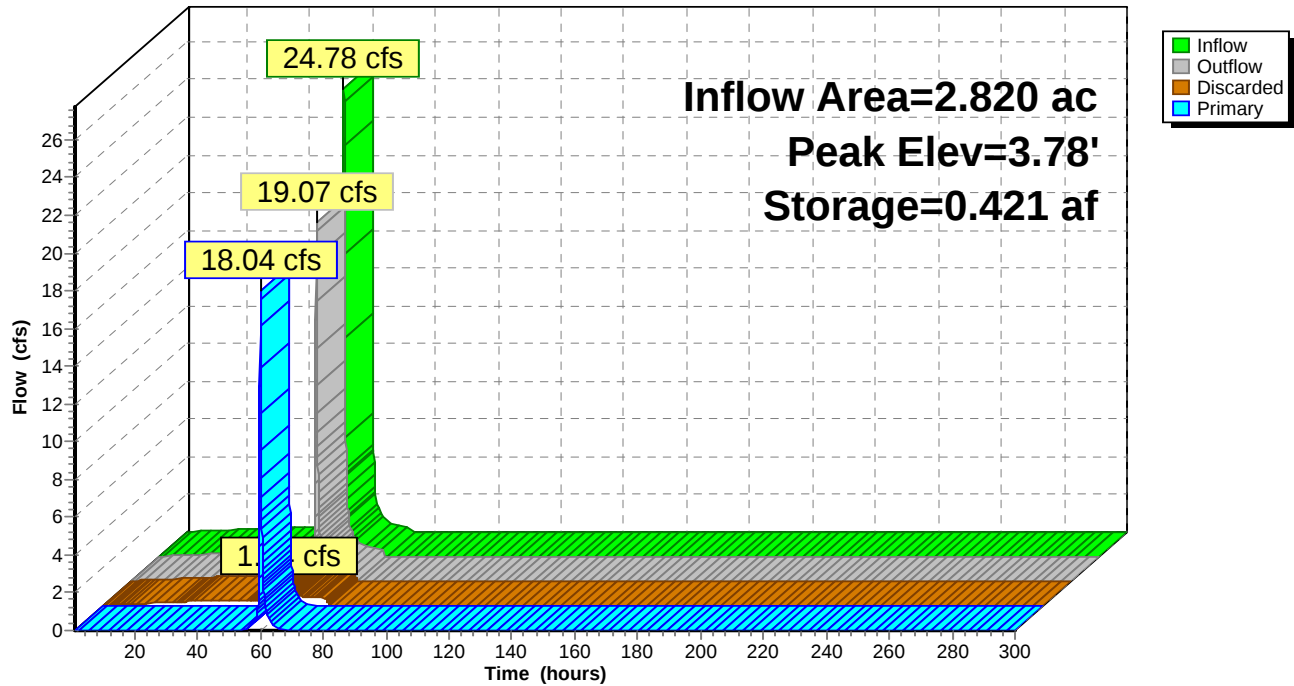
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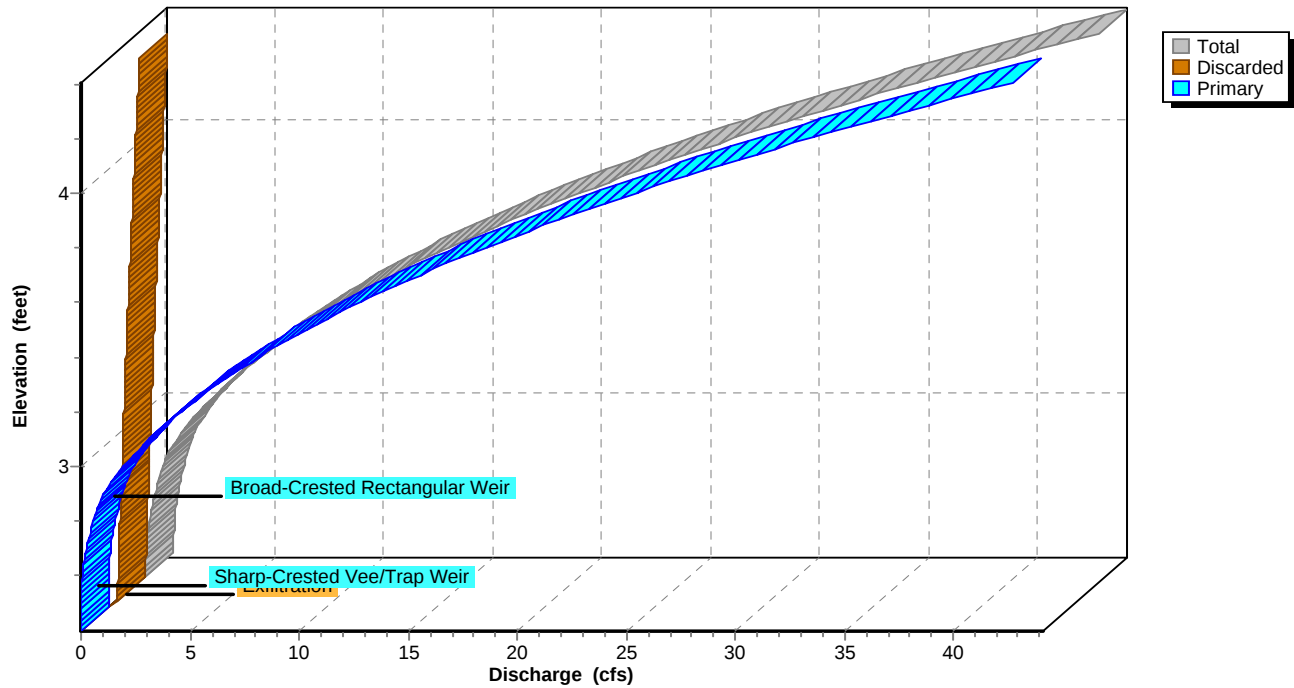
Pond 2P: Pond 2

Hydrograph



Pond 2P: Pond 2

Stage-Discharge



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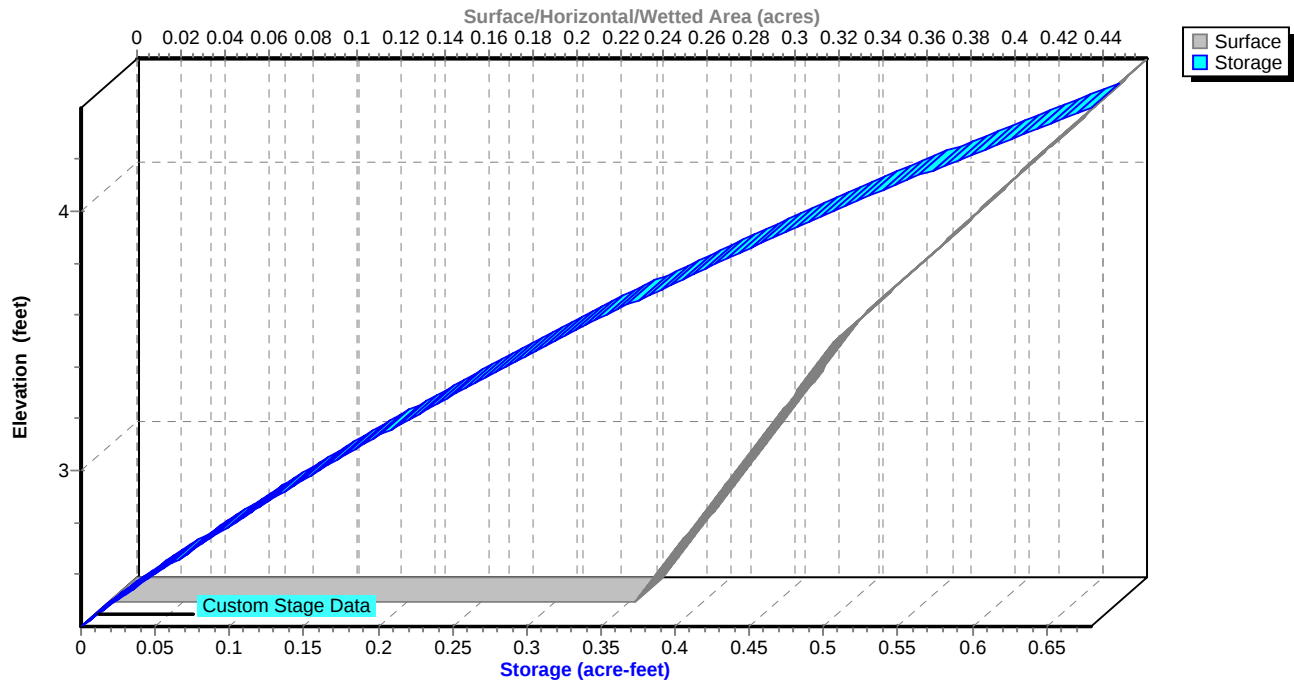
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Pond 2P: Pond 2

Stage-Area-Storage



Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 2P: Pond 2

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
1.00	0.00	0.000	2.40	0.00	0.00	0.00	0.000
2.00	0.00	0.000	2.40	0.00	0.00	0.00	0.000
3.00	0.02	0.000	2.40	0.02	0.02	0.00	0.001
4.00	0.05	0.001	2.40	0.04	0.04	0.00	0.003
5.00	0.07	0.001	2.40	0.06	0.06	0.00	0.008
6.00	0.08	0.001	2.40	0.08	0.08	0.00	0.014
7.00	0.09	0.001	2.40	0.09	0.09	0.00	0.021
8.00	0.10	0.001	2.41	0.10	0.10	0.00	0.029
9.00	0.11	0.001	2.41	0.11	0.11	0.00	0.037
10.00	0.12	0.001	2.41	0.12	0.12	0.00	0.046
11.00	0.12	0.002	2.41	0.12	0.12	0.00	0.056
12.00	0.13	0.002	2.41	0.13	0.13	0.00	0.066
13.00	0.13	0.002	2.41	0.13	0.13	0.00	0.077
14.00	0.13	0.002	2.41	0.13	0.13	0.00	0.088
15.00	0.14	0.002	2.41	0.14	0.14	0.00	0.099
16.00	0.14	0.002	2.41	0.14	0.14	0.00	0.111
17.00	0.14	0.002	2.41	0.14	0.14	0.00	0.122
18.00	0.15	0.002	2.41	0.14	0.14	0.00	0.134
19.00	0.15	0.002	2.41	0.15	0.15	0.00	0.146
20.00	0.15	0.002	2.41	0.15	0.15	0.00	0.158
21.00	0.15	0.002	2.41	0.15	0.15	0.00	0.171
22.00	0.15	0.002	2.41	0.15	0.15	0.00	0.183
23.00	0.15	0.002	2.41	0.15	0.15	0.00	0.196
24.00	0.15	0.002	2.41	0.15	0.15	0.00	0.209
25.00	0.21	0.003	2.41	0.21	0.21	0.00	0.224
26.00	0.22	0.003	2.41	0.21	0.21	0.00	0.242
27.00	0.23	0.003	2.41	0.22	0.22	0.00	0.260
28.00	0.24	0.003	2.41	0.23	0.23	0.00	0.279
29.00	0.24	0.003	2.41	0.24	0.24	0.00	0.299
30.00	0.26	0.003	2.41	0.25	0.25	0.00	0.319
31.00	0.23	0.003	2.41	0.23	0.23	0.00	0.340
32.00	0.24	0.003	2.41	0.23	0.23	0.00	0.360
33.00	0.24	0.003	2.41	0.24	0.24	0.00	0.379
34.00	0.24	0.003	2.41	0.24	0.24	0.00	0.399
35.00	0.24	0.003	2.41	0.24	0.24	0.00	0.418
36.00	0.24	0.003	2.41	0.24	0.24	0.00	0.438
37.00	0.24	0.003	2.41	0.24	0.24	0.00	0.458
38.00	0.24	0.003	2.41	0.24	0.24	0.00	0.477
39.00	0.24	0.003	2.41	0.24	0.24	0.00	0.497
40.00	0.24	0.003	2.41	0.24	0.24	0.00	0.517
41.00	0.24	0.003	2.41	0.24	0.24	0.00	0.537
42.00	0.24	0.003	2.41	0.24	0.24	0.00	0.557
43.00	0.24	0.003	2.41	0.24	0.24	0.00	0.577
44.00	0.24	0.003	2.41	0.24	0.24	0.00	0.597
45.00	0.24	0.003	2.41	0.24	0.24	0.00	0.617
46.00	0.24	0.003	2.41	0.24	0.24	0.00	0.637
47.00	0.24	0.003	2.41	0.24	0.24	0.00	0.657
48.00	0.25	0.003	2.41	0.24	0.24	0.00	0.677
49.00	0.28	0.003	2.41	0.28	0.28	0.00	0.701
50.00	0.28	0.004	2.41	0.28	0.28	0.00	0.724
51.00	0.34	0.004	2.42	0.34	0.34	0.00	0.751
52.00	0.38	0.005	2.42	0.37	0.37	0.00	0.780
53.00	0.52	0.012	2.45	0.39	0.39	0.00	0.812

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 2P: Pond 2 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
54.00	0.61	0.025	2.50	0.42	0.42	0.00	0.846
55.00	0.74	0.045	2.58	0.49	0.45	0.04	0.883
56.00	0.86	0.064	2.65	0.64	0.48	0.16	0.930
57.00	1.05	0.083	2.73	0.84	0.51	0.33	0.991
58.00	1.20	0.098	2.78	1.04	0.54	0.50	1.069
59.00	1.95	0.124	2.88	1.47	0.58	0.89	1.168
60.00	16.07	0.415	3.77	18.61	1.03	17.58	1.731
61.00	2.09	0.166	3.02	2.80	0.64	2.15	2.286
62.00	1.28	0.127	2.88	1.52	0.58	0.94	2.446
63.00	0.89	0.103	2.80	1.11	0.55	0.56	2.550
64.00	0.71	0.087	2.74	0.89	0.52	0.37	2.632
65.00	0.51	0.067	2.67	0.67	0.49	0.18	2.695
66.00	0.51	0.057	2.63	0.59	0.47	0.11	2.746
67.00	0.51	0.053	2.61	0.55	0.46	0.09	2.793
68.00	0.46	0.050	2.60	0.53	0.46	0.07	2.838
69.00	0.34	0.038	2.55	0.46	0.44	0.02	2.878
70.00	0.34	0.030	2.52	0.43	0.43	0.00	2.914
71.00	0.34	0.023	2.49	0.41	0.41	0.00	2.949
72.00	0.34	0.017	2.47	0.40	0.40	0.00	2.983
73.00	0.00	0.000	2.40	0.01	0.01	0.00	3.001
74.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
75.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
76.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
77.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
78.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
79.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
80.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
81.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
82.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
83.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
84.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
85.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
86.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
87.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
88.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
89.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
90.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
91.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
92.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
93.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
94.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
95.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
96.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
97.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
98.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
99.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
100.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
101.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
102.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
103.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
104.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
105.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
106.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 2P: Pond 2 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
107.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
108.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
109.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
110.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
111.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
112.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
113.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
114.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
115.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
116.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
117.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
118.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
119.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
120.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
121.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
122.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
123.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
124.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
125.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
126.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
127.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
128.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
129.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
130.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
131.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
132.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
133.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
134.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
135.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
136.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
137.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
138.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
139.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
140.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
141.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
142.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
143.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
144.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
145.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
146.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
147.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
148.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
149.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
150.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
151.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
152.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
153.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
154.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
155.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
156.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
157.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
158.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
159.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

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Hydrograph for Pond 2P: Pond 2 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
160.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
161.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
162.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
163.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
164.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
165.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
166.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
167.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
168.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
169.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
170.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
171.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
172.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
173.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
174.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
175.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
176.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
177.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
178.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
179.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
180.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
181.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
182.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
183.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
184.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
185.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
186.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
187.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
188.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
189.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
190.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
191.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
192.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
193.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
194.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
195.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
196.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
197.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
198.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
199.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
200.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
201.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
202.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
203.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
204.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
205.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
206.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
207.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
208.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
209.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
210.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
211.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
212.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 2P: Pond 2 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
213.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
214.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
215.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
216.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
217.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
218.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
219.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
220.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
221.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
222.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
223.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
224.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
225.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
226.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
227.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
228.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
229.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
230.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
231.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
232.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
233.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
234.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
235.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
236.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
237.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
238.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
239.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
240.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
241.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
242.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
243.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
244.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
245.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
246.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
247.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
248.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
249.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
250.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
251.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
252.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
253.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
254.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
255.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
256.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
257.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
258.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
259.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
260.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
261.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
262.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
263.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
264.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
265.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 2P: Pond 2 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
266.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
267.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
268.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
269.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
270.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
271.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
272.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
273.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
274.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
275.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
276.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
277.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
278.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
279.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
280.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
281.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
282.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
283.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
284.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
285.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
286.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
287.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
288.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
289.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
290.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
291.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
292.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
293.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
294.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
295.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
296.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
297.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
298.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
299.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001
300.00	0.00	0.000	2.40	0.00	0.00	0.00	3.001

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 2P: Pond 2

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
2.40	0.00	0.00	0.00	2.93	1.89	0.60	1.29
2.41	0.38	0.38	0.00	2.94	1.98	0.61	1.37
2.42	0.38	0.38	0.00	2.95	2.07	0.61	1.46
2.43	0.39	0.39	0.00	2.96	2.17	0.62	1.55
2.44	0.39	0.39	0.00	2.97	2.27	0.62	1.65
2.45	0.40	0.40	0.00	2.98	2.37	0.63	1.74
2.46	0.40	0.40	0.00	2.99	2.48	0.63	1.84
2.47	0.40	0.40	0.00	3.00	2.58	0.64	1.95
2.48	0.41	0.41	0.00	3.01	2.69	0.64	2.05
2.49	0.41	0.41	0.00	3.02	2.81	0.64	2.16
2.50	0.42	0.42	0.00	3.03	2.92	0.65	2.27
2.51	0.42	0.42	0.00	3.04	3.04	0.65	2.39
2.52	0.42	0.42	0.00	3.05	3.16	0.66	2.50
2.53	0.43	0.43	0.00	3.06	3.29	0.66	2.62
2.54	0.44	0.43	0.01	3.07	3.41	0.67	2.75
2.55	0.45	0.44	0.02	3.08	3.54	0.67	2.87
2.56	0.47	0.44	0.02	3.09	3.67	0.68	3.00
2.57	0.48	0.45	0.03	3.10	3.81	0.68	3.13
2.58	0.49	0.45	0.04	3.11	3.95	0.69	3.26
2.59	0.51	0.45	0.06	3.12	4.09	0.69	3.39
2.60	0.53	0.46	0.07	3.13	4.23	0.70	3.53
2.61	0.55	0.46	0.08	3.14	4.37	0.70	3.67
2.62	0.57	0.47	0.10	3.15	4.52	0.71	3.81
2.63	0.59	0.47	0.12	3.16	4.67	0.71	3.96
2.64	0.61	0.48	0.13	3.17	4.82	0.71	4.11
2.65	0.63	0.48	0.15	3.18	4.97	0.72	4.26
2.66	0.66	0.48	0.17	3.19	5.13	0.72	4.41
2.67	0.68	0.49	0.19	3.20	5.29	0.73	4.56
2.68	0.71	0.49	0.21	3.21	5.45	0.73	4.72
2.69	0.73	0.50	0.24	3.22	5.62	0.74	4.88
2.70	0.76	0.50	0.26	3.23	5.78	0.74	5.04
2.71	0.79	0.51	0.29	3.24	5.95	0.75	5.21
2.72	0.82	0.51	0.31	3.25	6.12	0.75	5.37
2.73	0.85	0.51	0.34	3.26	6.30	0.76	5.54
2.74	0.89	0.52	0.37	3.27	6.47	0.76	5.71
2.75	0.92	0.52	0.40	3.28	6.65	0.77	5.89
2.76	0.95	0.53	0.43	3.29	6.83	0.77	6.06
2.77	0.99	0.53	0.46	3.30	7.02	0.78	6.24
2.78	1.03	0.54	0.49	3.31	7.20	0.78	6.42
2.79	1.06	0.54	0.52	3.32	7.39	0.79	6.61
2.80	1.10	0.55	0.56	3.33	7.58	0.79	6.79
2.81	1.14	0.55	0.59	3.34	7.77	0.80	6.98
2.82	1.18	0.55	0.63	3.35	7.97	0.80	7.17
2.83	1.23	0.56	0.67	3.36	8.17	0.80	7.36
2.84	1.27	0.56	0.71	3.37	8.37	0.81	7.56
2.85	1.31	0.57	0.75	3.38	8.57	0.81	7.76
2.86	1.37	0.57	0.79	3.39	8.77	0.82	7.96
2.87	1.43	0.58	0.85	3.40	8.98	0.82	8.16
2.88	1.49	0.58	0.91	3.41	9.19	0.83	8.36
2.89	1.57	0.59	0.98	3.42	9.40	0.83	8.57
2.90	1.64	0.59	1.05	3.43	9.62	0.84	8.78
2.91	1.72	0.59	1.13	3.44	9.84	0.85	8.99
2.92	1.80	0.60	1.20	3.45	10.06	0.85	9.21

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 2P: Pond 2 (continued)

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
3.46	10.28	0.86	9.43	3.99	26.27	1.16	25.11
3.47	10.51	0.86	9.65	4.00	26.64	1.17	25.48
3.48	10.75	0.87	9.88	4.01	27.02	1.17	25.85
3.49	10.98	0.87	10.11	4.02	27.40	1.18	26.23
3.50	11.22	0.88	10.34	4.03	27.79	1.18	26.61
3.51	11.46	0.88	10.57	4.04	28.18	1.19	26.99
3.52	11.70	0.89	10.81	4.05	28.57	1.20	27.37
3.53	11.95	0.90	11.05	4.06	28.96	1.20	27.76
3.54	12.19	0.90	11.29	4.07	29.36	1.21	28.16
3.55	12.44	0.91	11.54	4.08	29.77	1.21	28.55
3.56	12.70	0.91	11.79	4.09	30.17	1.22	28.95
3.57	12.95	0.92	12.04	4.10	30.58	1.22	29.36
3.58	13.21	0.92	12.29	4.11	30.99	1.23	29.76
3.59	13.47	0.93	12.54	4.12	31.41	1.24	30.17
3.60	13.74	0.93	12.80	4.13	31.83	1.24	30.58
3.61	14.00	0.94	13.06	4.14	32.25	1.25	31.00
3.62	14.27	0.95	13.33	4.15	32.67	1.25	31.42
3.63	14.55	0.95	13.59	4.16	33.10	1.26	31.84
3.64	14.82	0.96	13.86	4.17	33.53	1.27	32.26
3.65	15.10	0.96	14.13	4.18	33.96	1.27	32.69
3.66	15.38	0.97	14.41	4.19	34.40	1.28	33.12
3.67	15.67	0.97	14.69	4.20	34.84	1.29	33.55
3.68	15.96	0.98	14.98	4.21	35.28	1.29	33.99
3.69	16.25	0.99	15.26	4.22	35.73	1.30	34.43
3.70	16.54	0.99	15.55	4.23	36.18	1.30	34.87
3.71	16.84	1.00	15.84	4.24	36.63	1.31	35.32
3.72	17.14	1.00	16.14	4.25	37.08	1.32	35.77
3.73	17.44	1.01	16.43	4.26	37.53	1.32	36.21
3.74	17.75	1.01	16.74	4.27	37.98	1.33	36.65
3.75	18.06	1.02	17.04	4.28	38.44	1.33	37.10
3.76	18.37	1.03	17.34	4.29	38.89	1.34	37.55
3.77	18.68	1.03	17.65	4.30	39.35	1.35	38.01
3.78	19.00	1.04	17.96	4.31	39.81	1.35	38.46
3.79	19.32	1.04	18.28	4.32	40.28	1.36	38.92
3.80	19.65	1.05	18.60	4.33	40.75	1.36	39.38
3.81	19.97	1.05	18.92	4.34	41.22	1.37	39.85
3.82	20.30	1.06	19.24	4.35	41.69	1.38	40.32
3.83	20.63	1.07	19.57	4.36	42.17	1.38	40.79
3.84	20.97	1.07	19.90	4.37	42.65	1.39	41.26
3.85	21.31	1.08	20.23	4.38	43.13	1.39	41.74
3.86	21.64	1.08	20.56	4.39	43.62	1.40	42.22
3.87	21.98	1.09	20.89	4.40	44.11	1.41	42.70
3.88	22.32	1.10	21.23				
3.89	22.67	1.10	21.57				
3.90	23.01	1.11	21.91				
3.91	23.36	1.11	22.25				
3.92	23.72	1.12	22.60				
3.93	24.07	1.12	22.95				
3.94	24.43	1.13	23.30				
3.95	24.79	1.14	23.66				
3.96	25.16	1.14	24.02				
3.97	25.53	1.15	24.38				
3.98	25.90	1.15	24.74				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 2P: Pond 2

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
2.40	0.240	0.000	2.93	0.288	0.140
2.41	0.241	0.002	2.94	0.289	0.143
2.42	0.242	0.005	2.95	0.289	0.146
2.43	0.243	0.007	2.96	0.290	0.149
2.44	0.244	0.010	2.97	0.291	0.151
2.45	0.244	0.012	2.98	0.292	0.154
2.46	0.245	0.015	2.99	0.293	0.157
2.47	0.246	0.017	3.00	0.294	0.160
2.48	0.247	0.019	3.01	0.295	0.163
2.49	0.248	0.022	3.02	0.296	0.166
2.50	0.249	0.024	3.03	0.297	0.169
2.51	0.250	0.027	3.04	0.298	0.172
2.52	0.251	0.029	3.05	0.298	0.175
2.53	0.252	0.032	3.06	0.299	0.178
2.54	0.253	0.034	3.07	0.300	0.181
2.55	0.253	0.037	3.08	0.301	0.184
2.56	0.254	0.040	3.09	0.302	0.187
2.57	0.255	0.042	3.10	0.303	0.190
2.58	0.256	0.045	3.11	0.304	0.193
2.59	0.257	0.047	3.12	0.305	0.196
2.60	0.258	0.050	3.13	0.306	0.199
2.61	0.259	0.052	3.14	0.307	0.202
2.62	0.260	0.055	3.15	0.307	0.205
2.63	0.261	0.058	3.16	0.308	0.208
2.64	0.262	0.060	3.17	0.309	0.211
2.65	0.262	0.063	3.18	0.310	0.215
2.66	0.263	0.065	3.19	0.311	0.218
2.67	0.264	0.068	3.20	0.312	0.221
2.68	0.265	0.071	3.21	0.313	0.224
2.69	0.266	0.073	3.22	0.314	0.227
2.70	0.267	0.076	3.23	0.315	0.230
2.71	0.268	0.079	3.24	0.316	0.233
2.72	0.269	0.081	3.25	0.316	0.237
2.73	0.270	0.084	3.26	0.317	0.240
2.74	0.271	0.087	3.27	0.318	0.243
2.75	0.271	0.090	3.28	0.319	0.246
2.76	0.272	0.092	3.29	0.320	0.249
2.77	0.273	0.095	3.30	0.321	0.252
2.78	0.274	0.098	3.31	0.322	0.256
2.79	0.275	0.100	3.32	0.323	0.259
2.80	0.276	0.103	3.33	0.324	0.262
2.81	0.277	0.106	3.34	0.325	0.265
2.82	0.278	0.109	3.35	0.326	0.269
2.83	0.279	0.112	3.36	0.326	0.272
2.84	0.280	0.114	3.37	0.327	0.275
2.85	0.280	0.117	3.38	0.328	0.278
2.86	0.281	0.120	3.39	0.329	0.282
2.87	0.282	0.123	3.40	0.330	0.285
2.88	0.283	0.126	3.41	0.331	0.288
2.89	0.284	0.128	3.42	0.333	0.292
2.90	0.285	0.131	3.43	0.334	0.295
2.91	0.286	0.134	3.44	0.335	0.298
2.92	0.287	0.137	3.45	0.336	0.302

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 2P: Pond 2 (continued)

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
3.46	0.338	0.305	3.99	0.407	0.502
3.47	0.339	0.308	4.00	0.408	0.506
3.48	0.340	0.312	4.01	0.409	0.510
3.49	0.342	0.315	4.02	0.411	0.515
3.50	0.343	0.319	4.03	0.412	0.519
3.51	0.344	0.322	4.04	0.413	0.523
3.52	0.346	0.326	4.05	0.414	0.527
3.53	0.347	0.329	4.06	0.416	0.531
3.54	0.348	0.332	4.07	0.417	0.535
3.55	0.349	0.336	4.08	0.418	0.539
3.56	0.351	0.339	4.09	0.420	0.544
3.57	0.352	0.343	4.10	0.421	0.548
3.58	0.353	0.347	4.11	0.422	0.552
3.59	0.355	0.350	4.12	0.424	0.556
3.60	0.356	0.354	4.13	0.425	0.561
3.61	0.357	0.357	4.14	0.426	0.565
3.62	0.359	0.361	4.15	0.427	0.569
3.63	0.360	0.364	4.16	0.429	0.573
3.64	0.361	0.368	4.17	0.430	0.578
3.65	0.362	0.372	4.18	0.431	0.582
3.66	0.364	0.375	4.19	0.433	0.586
3.67	0.365	0.379	4.20	0.434	0.591
3.68	0.366	0.382	4.21	0.435	0.595
3.69	0.368	0.386	4.22	0.437	0.599
3.70	0.369	0.390	4.23	0.438	0.604
3.71	0.370	0.394	4.24	0.439	0.608
3.72	0.372	0.397	4.25	0.440	0.612
3.73	0.373	0.401	4.26	0.442	0.617
3.74	0.374	0.405	4.27	0.443	0.621
3.75	0.375	0.408	4.28	0.444	0.626
3.76	0.377	0.412	4.29	0.446	0.630
3.77	0.378	0.416	4.30	0.447	0.635
3.78	0.379	0.420	4.31	0.448	0.639
3.79	0.381	0.424	4.32	0.450	0.644
3.80	0.382	0.427	4.33	0.451	0.648
3.81	0.383	0.431	4.34	0.452	0.653
3.82	0.385	0.435	4.35	0.453	0.657
3.83	0.386	0.439	4.36	0.455	0.662
3.84	0.387	0.443	4.37	0.456	0.666
3.85	0.388	0.447	4.38	0.457	0.671
3.86	0.390	0.451	4.39	0.459	0.675
3.87	0.391	0.454	4.40	0.460	0.680
3.88	0.392	0.458			
3.89	0.394	0.462			
3.90	0.395	0.466			
3.91	0.396	0.470			
3.92	0.398	0.474			
3.93	0.399	0.478			
3.94	0.400	0.482			
3.95	0.401	0.486			
3.96	0.403	0.490			
3.97	0.404	0.494			
3.98	0.405	0.498			

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Pond 3P: Pond 3

Inflow Area = 6.940 ac, 91.35% Impervious, Inflow Depth = 13.02" for 25YR-72HR event
 Inflow = 56.35 cfs @ 59.90 hrs, Volume= 7.530 af
 Outflow = 55.91 cfs @ 59.92 hrs, Volume= 7.649 af, Atten= 1%, Lag= 0.8 min
 Discarded = 0.11 cfs @ 59.92 hrs, Volume= 0.010 af
 Primary = 55.79 cfs @ 59.92 hrs, Volume= 7.639 af

Routing by Stor-Ind method, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs / 2

Peak Elev= 3.83' @ 59.92 hrs Surf.Area= 0.066 ac Storage= 0.020 af

Plug-Flow detention time= (not calculated: outflow precedes inflow)

Center-of-Mass det. time= 8.0 min (3,160.9 - 3,152.9)

Volume	Invert	Avail.Storage	Storage Description
#1	3.40'	0.247 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
3.40	0.024	0.000	0.000
4.40	0.120	0.072	0.072
5.40	0.230	0.175	0.247

Device	Routing	Invert	Outlet Devices
#1	Primary	3.60'	5.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Primary	1.76'	95.0 deg x 4.0' long Sharp-Crested Vee/Trap Weir Cv= 2.50 (C= 3.13)
#3	Discarded	3.40'	1.550 in/hr Exfiltration over Surface area Conductivity to Groundwater Elevation = 1.00'

Discarded OutFlow Max=0.11 cfs @ 59.92 hrs HW=3.83' (Free Discharge)

↑ **3=Exfiltration** (Controls 0.11 cfs)

Primary OutFlow Max=55.33 cfs @ 59.92 hrs HW=3.83' (Free Discharge)

↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 1.45 cfs @ 1.28 fps)

↑ **2=Sharp-Crested Vee/Trap Weir** (Weir Controls 53.88 cfs @ 4.17 fps)

Existing Stormwater Analysis

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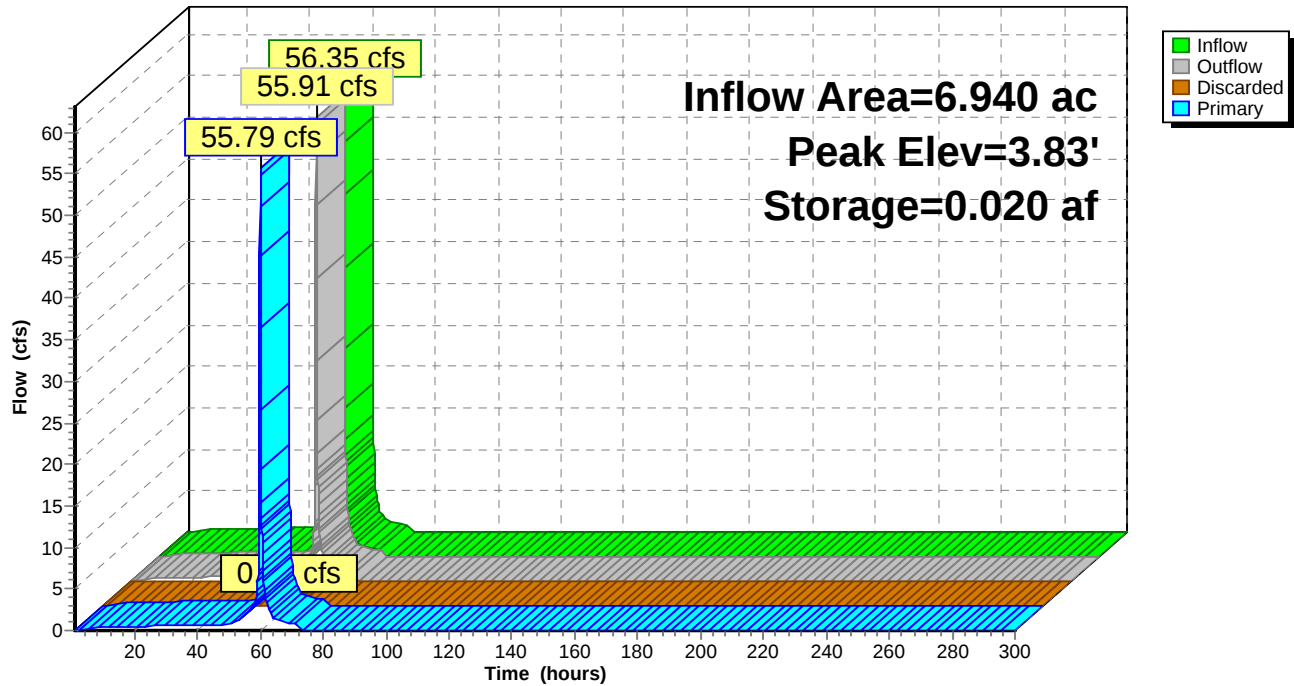
SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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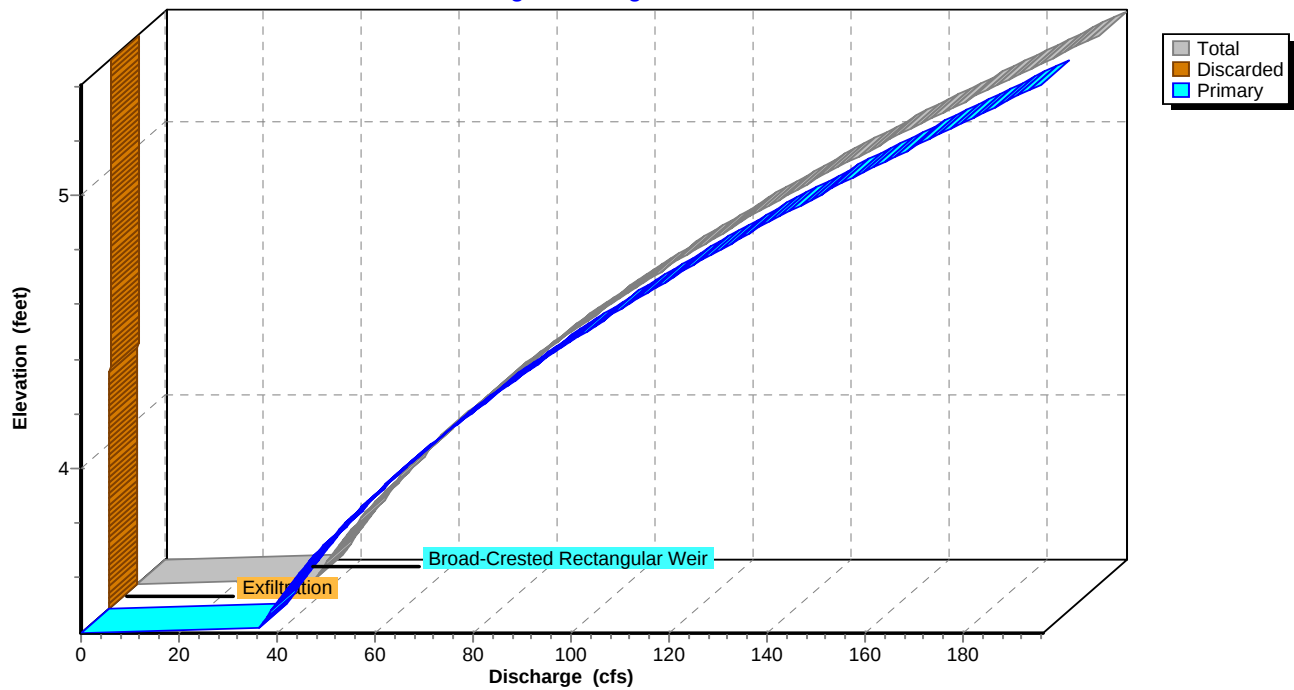
Pond 3P: Pond 3

Hydrograph



Pond 3P: Pond 3

Stage-Discharge



Existing Stormwater Analysis

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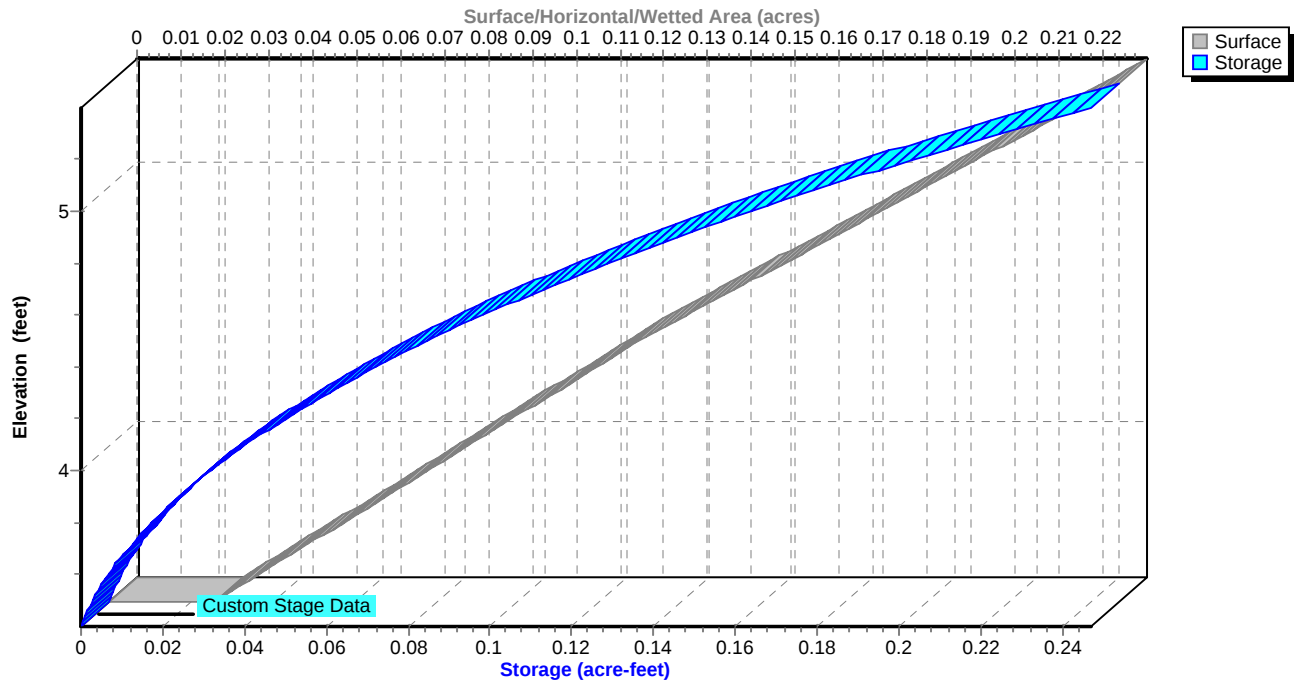
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Pond 3P: Pond 3

Stage-Area-Storage



Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
1.00	0.00	0.000	3.40	0.00	0.00	0.00	0.000
2.00	0.05	0.000	3.40	0.05	0.00	0.05	0.001
3.00	0.14	0.000	3.40	0.14	0.00	0.14	0.009
4.00	0.19	0.000	3.40	0.19	0.00	0.19	0.023
5.00	0.24	0.000	3.40	0.24	0.00	0.24	0.041
6.00	0.27	0.000	3.40	0.27	0.00	0.27	0.062
7.00	0.29	0.000	3.40	0.29	0.00	0.29	0.086
8.00	0.31	0.000	3.40	0.31	0.00	0.31	0.111
9.00	0.33	0.000	3.40	0.33	0.00	0.33	0.137
10.00	0.34	0.000	3.40	0.34	0.00	0.34	0.165
11.00	0.35	0.000	3.40	0.35	0.00	0.35	0.193
12.00	0.36	0.000	3.40	0.36	0.00	0.36	0.223
13.00	0.37	0.000	3.40	0.37	0.00	0.37	0.253
14.00	0.37	0.000	3.40	0.37	0.00	0.37	0.283
15.00	0.38	0.000	3.40	0.38	0.00	0.38	0.314
16.00	0.38	0.000	3.40	0.38	0.00	0.38	0.345
17.00	0.38	0.000	3.40	0.38	0.00	0.38	0.377
18.00	0.39	0.000	3.40	0.39	0.00	0.39	0.409
19.00	0.39	0.000	3.40	0.39	0.00	0.39	0.441
20.00	0.39	0.000	3.40	0.39	0.00	0.39	0.474
21.00	0.40	0.000	3.40	0.40	0.00	0.40	0.506
22.00	0.40	0.000	3.40	0.40	0.00	0.40	0.539
23.00	0.40	0.000	3.40	0.40	0.00	0.40	0.572
24.00	0.40	0.000	3.40	0.40	0.00	0.40	0.605
25.00	0.53	0.000	3.40	0.53	0.00	0.53	0.646
26.00	0.56	0.000	3.40	0.56	0.00	0.56	0.692
27.00	0.58	0.000	3.40	0.58	0.00	0.58	0.738
28.00	0.60	0.000	3.40	0.60	0.00	0.60	0.787
29.00	0.62	0.000	3.40	0.62	0.00	0.62	0.838
30.00	0.65	0.000	3.40	0.65	0.00	0.64	0.890
31.00	0.60	0.000	3.40	0.60	0.00	0.59	0.944
32.00	0.60	0.000	3.40	0.60	0.00	0.60	0.993
33.00	0.60	0.000	3.40	0.60	0.00	0.60	1.043
34.00	0.60	0.000	3.40	0.60	0.00	0.60	1.092
35.00	0.60	0.000	3.40	0.60	0.00	0.60	1.142
36.00	0.60	0.000	3.40	0.60	0.00	0.60	1.191
37.00	0.60	0.000	3.40	0.60	0.00	0.60	1.241
38.00	0.60	0.000	3.40	0.60	0.00	0.60	1.291
39.00	0.60	0.000	3.40	0.60	0.00	0.60	1.340
40.00	0.60	0.000	3.40	0.60	0.00	0.60	1.390
41.00	0.60	0.000	3.40	0.60	0.00	0.60	1.440
42.00	0.60	0.000	3.40	0.60	0.00	0.60	1.490
43.00	0.61	0.000	3.40	0.61	0.00	0.60	1.540
44.00	0.61	0.000	3.40	0.61	0.00	0.60	1.590
45.00	0.61	0.000	3.40	0.61	0.00	0.61	1.640
46.00	0.61	0.000	3.40	0.61	0.00	0.61	1.690
47.00	0.61	0.000	3.40	0.61	0.00	0.61	1.740
48.00	0.61	0.000	3.40	0.61	0.00	0.61	1.790
49.00	0.69	0.000	3.40	0.69	0.00	0.69	1.850
50.00	0.70	0.000	3.40	0.70	0.00	0.70	1.908
51.00	0.85	0.000	3.40	0.85	0.00	0.85	1.975
52.00	0.93	0.000	3.40	0.93	0.00	0.93	2.049
53.00	1.27	0.000	3.40	1.27	0.00	1.27	2.143

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
54.00	1.50	0.000	3.40	1.50	0.00	1.50	2.259
55.00	1.82	0.000	3.40	1.82	0.00	1.82	2.398
56.00	2.10	0.000	3.40	2.10	0.00	2.10	2.560
57.00	2.56	0.000	3.40	2.56	0.00	2.56	2.755
58.00	2.95	0.000	3.40	2.95	0.00	2.94	2.984
59.00	4.61	0.000	3.40	4.61	0.01	4.61	3.282
60.00	50.02	0.014	3.75	51.21	0.10	51.11	5.058
61.00	5.34	0.000	3.40	5.96	0.01	5.95	6.205
62.00	3.24	0.000	3.40	3.45	0.00	3.45	6.552
63.00	2.23	0.000	3.40	2.31	0.00	2.30	6.770
64.00	1.78	0.000	3.40	1.81	0.00	1.80	6.938
65.00	1.25	0.000	3.40	1.25	0.00	1.25	7.048
66.00	1.25	0.000	3.40	1.25	0.00	1.25	7.151
67.00	1.25	0.000	3.40	1.25	0.00	1.25	7.255
68.00	1.16	0.000	3.40	1.16	0.00	1.16	7.360
69.00	0.83	0.000	3.40	0.83	0.00	0.83	7.432
70.00	0.83	0.000	3.40	0.83	0.00	0.83	7.501
71.00	0.83	0.000	3.40	0.83	0.00	0.83	7.570
72.00	0.83	0.000	3.40	0.83	0.00	0.83	7.638
73.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
74.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
75.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
76.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
77.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
78.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
79.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
80.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
81.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
82.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
83.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
84.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
85.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
86.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
87.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
88.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
89.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
90.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
91.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
92.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
93.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
94.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
95.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
96.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
97.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
98.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
99.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
100.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
101.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
102.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
103.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
104.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
105.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
106.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
107.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
108.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
109.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
110.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
111.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
112.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
113.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
114.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
115.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
116.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
117.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
118.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
119.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
120.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
121.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
122.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
123.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
124.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
125.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
126.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
127.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
128.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
129.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
130.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
131.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
132.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
133.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
134.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
135.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
136.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
137.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
138.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
139.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
140.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
141.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
142.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
143.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
144.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
145.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
146.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
147.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
148.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
149.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
150.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
151.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
152.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
153.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
154.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
155.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
156.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
157.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
158.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
159.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
160.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
161.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
162.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
163.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
164.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
165.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
166.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
167.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
168.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
169.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
170.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
171.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
172.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
173.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
174.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
175.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
176.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
177.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
178.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
179.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
180.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
181.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
182.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
183.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
184.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
185.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
186.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
187.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
188.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
189.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
190.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
191.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
192.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
193.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
194.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
195.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
196.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
197.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
198.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
199.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
200.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
201.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
202.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
203.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
204.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
205.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
206.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
207.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
208.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
209.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
210.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
211.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
212.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
213.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
214.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
215.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
216.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
217.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
218.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
219.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
220.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
221.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
222.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
223.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
224.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
225.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
226.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
227.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
228.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
229.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
230.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
231.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
232.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
233.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
234.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
235.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
236.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
237.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
238.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
239.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
240.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
241.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
242.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
243.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
244.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
245.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
246.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
247.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
248.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
249.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
250.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
251.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
252.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
253.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
254.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
255.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
256.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
257.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
258.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
259.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
260.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
261.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
262.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
263.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
264.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
265.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 3P: Pond 3 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
266.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
267.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
268.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
269.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
270.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
271.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
272.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
273.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
274.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
275.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
276.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
277.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
278.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
279.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
280.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
281.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
282.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
283.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
284.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
285.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
286.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
287.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
288.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
289.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
290.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
291.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
292.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
293.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
294.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
295.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
296.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
297.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
298.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
299.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649
300.00	0.00	0.000	3.40	0.00	0.00	0.00	7.649

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 3P: Pond 3

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
3.40	0.00	0.00	0.00	3.93	61.58	0.13	61.45
3.41	36.07	0.04	36.03	3.94	62.20	0.14	62.07
3.42	36.46	0.04	36.42	3.95	62.82	0.14	62.68
3.43	36.85	0.04	36.81	3.96	63.45	0.14	63.31
3.44	37.24	0.04	37.20	3.97	64.07	0.14	63.93
3.45	37.64	0.05	37.59	3.98	64.71	0.14	64.56
3.46	38.03	0.05	37.99	3.99	65.34	0.14	65.20
3.47	38.43	0.05	38.38	4.00	65.98	0.15	65.84
3.48	38.83	0.05	38.78	4.01	66.63	0.15	66.48
3.49	39.24	0.05	39.18	4.02	67.27	0.15	67.12
3.50	39.64	0.05	39.59	4.03	67.93	0.15	67.77
3.51	40.05	0.06	39.99	4.04	68.58	0.15	68.43
3.52	40.46	0.06	40.40	4.05	69.24	0.16	69.09
3.53	40.87	0.06	40.81	4.06	69.91	0.16	69.75
3.54	41.28	0.06	41.22	4.07	70.57	0.16	70.41
3.55	41.69	0.06	41.63	4.08	71.24	0.16	71.08
3.56	42.11	0.06	42.05	4.09	71.92	0.17	71.75
3.57	42.53	0.07	42.46	4.10	72.60	0.17	72.43
3.58	42.95	0.07	42.88	4.11	73.28	0.17	73.11
3.59	43.37	0.07	43.30	4.12	73.97	0.17	73.80
3.60	43.80	0.07	43.73	4.13	74.66	0.17	74.48
3.61	44.24	0.07	44.17	4.14	75.35	0.18	75.18
3.62	44.69	0.08	44.62	4.15	76.05	0.18	75.87
3.63	45.16	0.08	45.08	4.16	76.75	0.18	76.57
3.64	45.63	0.08	45.55	4.17	77.46	0.18	77.27
3.65	46.11	0.08	46.03	4.18	78.16	0.18	77.98
3.66	46.59	0.08	46.51	4.19	78.88	0.19	78.69
3.67	47.08	0.08	47.00	4.20	79.59	0.19	79.41
3.68	47.58	0.09	47.50	4.21	80.32	0.19	80.13
3.69	48.08	0.09	48.00	4.22	81.05	0.19	80.86
3.70	48.59	0.09	48.50	4.23	81.79	0.19	81.60
3.71	49.11	0.09	49.02	4.24	82.53	0.20	82.34
3.72	49.63	0.09	49.53	4.25	83.28	0.20	83.08
3.73	50.15	0.10	50.05	4.26	84.02	0.20	83.82
3.74	50.68	0.10	50.58	4.27	84.78	0.20	84.58
3.75	51.21	0.10	51.11	4.28	85.54	0.20	85.33
3.76	51.75	0.10	51.65	4.29	86.30	0.21	86.09
3.77	52.29	0.10	52.19	4.30	87.06	0.21	86.85
3.78	52.84	0.10	52.74	4.31	87.83	0.21	87.62
3.79	53.39	0.11	53.29	4.32	88.60	0.21	88.39
3.80	53.95	0.11	53.84	4.33	89.38	0.22	89.17
3.81	54.51	0.11	54.40	4.34	90.16	0.22	89.95
3.82	55.08	0.11	54.96	4.35	90.95	0.22	90.73
3.83	55.65	0.11	55.53	4.36	91.74	0.22	91.52
3.84	56.22	0.12	56.11	4.37	92.53	0.22	92.31
3.85	56.80	0.12	56.68	4.38	93.33	0.23	93.11
3.86	57.38	0.12	57.26	4.39	94.13	0.23	93.91
3.87	57.97	0.12	57.85	4.40	94.94	0.23	94.71
3.88	58.56	0.12	58.44	4.41	95.76	0.23	95.52
3.89	59.16	0.13	59.03	4.42	96.58	0.23	96.34
3.90	59.76	0.13	59.63	4.43	97.40	0.24	97.17
3.91	60.36	0.13	60.23	4.44	98.23	0.24	97.99
3.92	60.97	0.13	60.84	4.45	99.07	0.24	98.82

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 3P: Pond 3 (continued)

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
4.46	99.90	0.24	99.66	4.99	150.27	0.38	149.89
4.47	100.75	0.25	100.50	5.00	151.34	0.38	150.96
4.48	101.59	0.25	101.34	5.01	152.40	0.38	152.01
4.49	102.44	0.25	102.19	5.02	153.46	0.39	153.07
4.50	103.30	0.25	103.04	5.03	154.52	0.39	154.13
4.51	104.16	0.26	103.90	5.04	155.59	0.39	155.20
4.52	105.02	0.26	104.76	5.05	156.67	0.40	156.27
4.53	105.89	0.26	105.63	5.06	157.74	0.40	157.34
4.54	106.76	0.26	106.50	5.07	158.82	0.40	158.42
4.55	107.64	0.27	107.37	5.08	159.91	0.40	159.51
4.56	108.52	0.27	108.25	5.09	161.00	0.41	160.59
4.57	109.41	0.27	109.13	5.10	162.09	0.41	161.69
4.58	110.30	0.27	110.02	5.11	163.19	0.41	162.78
4.59	111.19	0.28	110.91	5.12	164.29	0.41	163.88
4.60	112.09	0.28	111.81	5.13	165.40	0.42	164.98
4.61	112.98	0.28	112.70	5.14	166.51	0.42	166.09
4.62	113.88	0.28	113.60	5.15	167.63	0.42	167.20
4.63	114.79	0.29	114.50	5.16	168.74	0.43	168.32
4.64	115.70	0.29	115.41	5.17	169.87	0.43	169.44
4.65	116.61	0.29	116.32	5.18	170.99	0.43	170.56
4.66	117.52	0.29	117.23	5.19	172.13	0.43	171.69
4.67	118.44	0.30	118.15	5.20	173.26	0.44	172.82
4.68	119.37	0.30	119.07	5.21	174.38	0.44	173.94
4.69	120.30	0.30	120.00	5.22	175.49	0.44	175.05
4.70	121.23	0.30	120.93	5.23	176.61	0.44	176.17
4.71	122.17	0.31	121.86	5.24	177.74	0.45	177.29
4.72	123.11	0.31	122.80	5.25	178.87	0.45	178.42
4.73	124.05	0.31	123.74	5.26	180.00	0.45	179.55
4.74	125.00	0.31	124.69	5.27	181.14	0.46	180.68
4.75	125.96	0.32	125.64	5.28	182.27	0.46	181.82
4.76	126.92	0.32	126.60	5.29	183.42	0.46	182.96
4.77	127.88	0.32	127.56	5.30	184.56	0.46	184.10
4.78	128.84	0.32	128.52	5.31	185.72	0.47	185.25
4.79	129.82	0.33	129.49	5.32	186.87	0.47	186.40
4.80	130.79	0.33	130.46	5.33	188.03	0.47	187.55
4.81	131.78	0.33	131.44	5.34	189.19	0.48	188.71
4.82	132.77	0.33	132.43	5.35	190.35	0.48	189.88
4.83	133.76	0.34	133.42	5.36	191.52	0.48	191.04
4.84	134.76	0.34	134.42	5.37	192.70	0.48	192.21
4.85	135.76	0.34	135.42	5.38	193.87	0.49	193.39
4.86	136.77	0.35	136.42	5.39	195.05	0.49	194.56
4.87	137.78	0.35	137.43	5.40	196.24	0.49	195.74
4.88	138.80	0.35	138.45				
4.89	139.82	0.35	139.47				
4.90	140.84	0.36	140.49				
4.91	141.87	0.36	141.52				
4.92	142.91	0.36	142.55				
4.93	143.95	0.36	143.58				
4.94	144.99	0.37	144.62				
4.95	146.04	0.37	145.67				
4.96	147.09	0.37	146.72				
4.97	148.14	0.37	147.77				
4.98	149.20	0.38	148.83				

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 3P: Pond 3

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
3.40	0.024	0.000	3.93	0.075	0.026
3.41	0.025	0.000	3.94	0.076	0.027
3.42	0.026	0.000	3.95	0.077	0.028
3.43	0.027	0.001	3.96	0.078	0.028
3.44	0.028	0.001	3.97	0.079	0.029
3.45	0.029	0.001	3.98	0.080	0.030
3.46	0.030	0.002	3.99	0.081	0.031
3.47	0.031	0.002	4.00	0.082	0.032
3.48	0.032	0.002	4.01	0.083	0.033
3.49	0.033	0.003	4.02	0.084	0.033
3.50	0.034	0.003	4.03	0.084	0.034
3.51	0.035	0.003	4.04	0.085	0.035
3.52	0.036	0.004	4.05	0.086	0.036
3.53	0.036	0.004	4.06	0.087	0.037
3.54	0.037	0.004	4.07	0.088	0.038
3.55	0.038	0.005	4.08	0.089	0.039
3.56	0.039	0.005	4.09	0.090	0.039
3.57	0.040	0.005	4.10	0.091	0.040
3.58	0.041	0.006	4.11	0.092	0.041
3.59	0.042	0.006	4.12	0.093	0.042
3.60	0.043	0.007	4.13	0.094	0.043
3.61	0.044	0.007	4.14	0.095	0.044
3.62	0.045	0.008	4.15	0.096	0.045
3.63	0.046	0.008	4.16	0.097	0.046
3.64	0.047	0.009	4.17	0.098	0.047
3.65	0.048	0.009	4.18	0.099	0.048
3.66	0.049	0.009	4.19	0.100	0.049
3.67	0.050	0.010	4.20	0.101	0.050
3.68	0.051	0.010	4.21	0.102	0.051
3.69	0.052	0.011	4.22	0.103	0.052
3.70	0.053	0.012	4.23	0.104	0.053
3.71	0.054	0.012	4.24	0.105	0.054
3.72	0.055	0.013	4.25	0.106	0.055
3.73	0.056	0.013	4.26	0.107	0.056
3.74	0.057	0.014	4.27	0.108	0.057
3.75	0.058	0.014	4.28	0.108	0.058
3.76	0.059	0.015	4.29	0.109	0.059
3.77	0.060	0.015	4.30	0.110	0.060
3.78	0.060	0.016	4.31	0.111	0.062
3.79	0.061	0.017	4.32	0.112	0.063
3.80	0.062	0.017	4.33	0.113	0.064
3.81	0.063	0.018	4.34	0.114	0.065
3.82	0.064	0.019	4.35	0.115	0.066
3.83	0.065	0.019	4.36	0.116	0.067
3.84	0.066	0.020	4.37	0.117	0.068
3.85	0.067	0.021	4.38	0.118	0.070
3.86	0.068	0.021	4.39	0.119	0.071
3.87	0.069	0.022	4.40	0.120	0.072
3.88	0.070	0.023	4.41	0.121	0.073
3.89	0.071	0.023	4.42	0.122	0.074
3.90	0.072	0.024	4.43	0.123	0.076
3.91	0.073	0.025	4.44	0.124	0.077
3.92	0.074	0.025	4.45	0.125	0.078

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 3P: Pond 3 (continued)

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
4.46	0.127	0.079	4.99	0.185	0.162
4.47	0.128	0.081	5.00	0.186	0.164
4.48	0.129	0.082	5.01	0.187	0.166
4.49	0.130	0.083	5.02	0.188	0.168
4.50	0.131	0.085	5.03	0.189	0.169
4.51	0.132	0.086	5.04	0.190	0.171
4.52	0.133	0.087	5.05	0.191	0.173
4.53	0.134	0.089	5.06	0.193	0.175
4.54	0.135	0.090	5.07	0.194	0.177
4.55	0.136	0.091	5.08	0.195	0.179
4.56	0.138	0.093	5.09	0.196	0.181
4.57	0.139	0.094	5.10	0.197	0.183
4.58	0.140	0.095	5.11	0.198	0.185
4.59	0.141	0.097	5.12	0.199	0.187
4.60	0.142	0.098	5.13	0.200	0.189
4.61	0.143	0.100	5.14	0.201	0.191
4.62	0.144	0.101	5.15	0.202	0.193
4.63	0.145	0.103	5.16	0.204	0.195
4.64	0.146	0.104	5.17	0.205	0.197
4.65	0.147	0.105	5.18	0.206	0.199
4.66	0.149	0.107	5.19	0.207	0.201
4.67	0.150	0.108	5.20	0.208	0.203
4.68	0.151	0.110	5.21	0.209	0.205
4.69	0.152	0.111	5.22	0.210	0.207
4.70	0.153	0.113	5.23	0.211	0.209
4.71	0.154	0.114	5.24	0.212	0.212
4.72	0.155	0.116	5.25	0.213	0.214
4.73	0.156	0.118	5.26	0.215	0.216
4.74	0.157	0.119	5.27	0.216	0.218
4.75	0.158	0.121	5.28	0.217	0.220
4.76	0.160	0.122	5.29	0.218	0.222
4.77	0.161	0.124	5.30	0.219	0.225
4.78	0.162	0.126	5.31	0.220	0.227
4.79	0.163	0.127	5.32	0.221	0.229
4.80	0.164	0.129	5.33	0.222	0.231
4.81	0.165	0.130	5.34	0.223	0.233
4.82	0.166	0.132	5.35	0.224	0.236
4.83	0.167	0.134	5.36	0.226	0.238
4.84	0.168	0.135	5.37	0.227	0.240
4.85	0.169	0.137	5.38	0.228	0.242
4.86	0.171	0.139	5.39	0.229	0.245
4.87	0.172	0.141	5.40	0.230	0.247
4.88	0.173	0.142			
4.89	0.174	0.144			
4.90	0.175	0.146			
4.91	0.176	0.148			
4.92	0.177	0.149			
4.93	0.178	0.151			
4.94	0.179	0.153			
4.95	0.180	0.155			
4.96	0.182	0.156			
4.97	0.183	0.158			
4.98	0.184	0.160			

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Summary for Pond 4P: Pond 4

Inflow Area = 2.964 ac, 91.43% Impervious, Inflow Depth > 13.01" for 25YR-72HR event
 Inflow = 25.87 cfs @ 59.82 hrs, Volume= 3.214 af
 Outflow = 4.74 cfs @ 60.62 hrs, Volume= 3.214 af, Atten= 82%, Lag= 47.5 min
 Discarded = 1.79 cfs @ 60.61 hrs, Volume= 2.068 af
 Primary = 2.95 cfs @ 60.05 hrs, Volume= 1.147 af

Routing by Stor-Ind method, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs / 2
 Peak Elev= 5.14' @ 60.20 hrs Surf.Area= 0.887 ac Storage= 0.837 af

Plug-Flow detention time= 57.6 min calculated for 3.214 af (100% of inflow)
 Center-of-Mass det. time= 57.6 min (3,204.8 - 3,147.2)

Volume	Invert	Avail.Storage	Storage Description
#1	3.90'	1.078 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
3.90	0.210	0.000	0.000
4.40	0.740	0.238	0.238
5.40	0.940	0.840	1.078

Device	Routing	Invert	Outlet Devices
#1	Primary	3.80'	12.0" Round Culvert L= 57.0' RCP, mitered to conform to fill, Ke= 0.700 Inlet / Outlet Invert= 3.80' / 3.40' S= 0.0070 ' / ' Cc= 0.900 n= 0.013 Concrete pipe, bends & connections, Flow Area= 0.79 sf
#2	Discarded	3.90'	1.550 in/hr Exfiltration over Surface area Conductivity to Groundwater Elevation = 1.00'

Discarded OutFlow Max=1.79 cfs @ 60.61 hrs HW=5.11' (Free Discharge)
 ↑**2=Exfiltration** (Controls 1.79 cfs)

Primary OutFlow Max=2.95 cfs @ 60.05 hrs HW=5.10' (Free Discharge)
 ↑**1=Culvert** (Barrel Controls 2.95 cfs @ 3.78 fps)

Existing Stormwater Analysis

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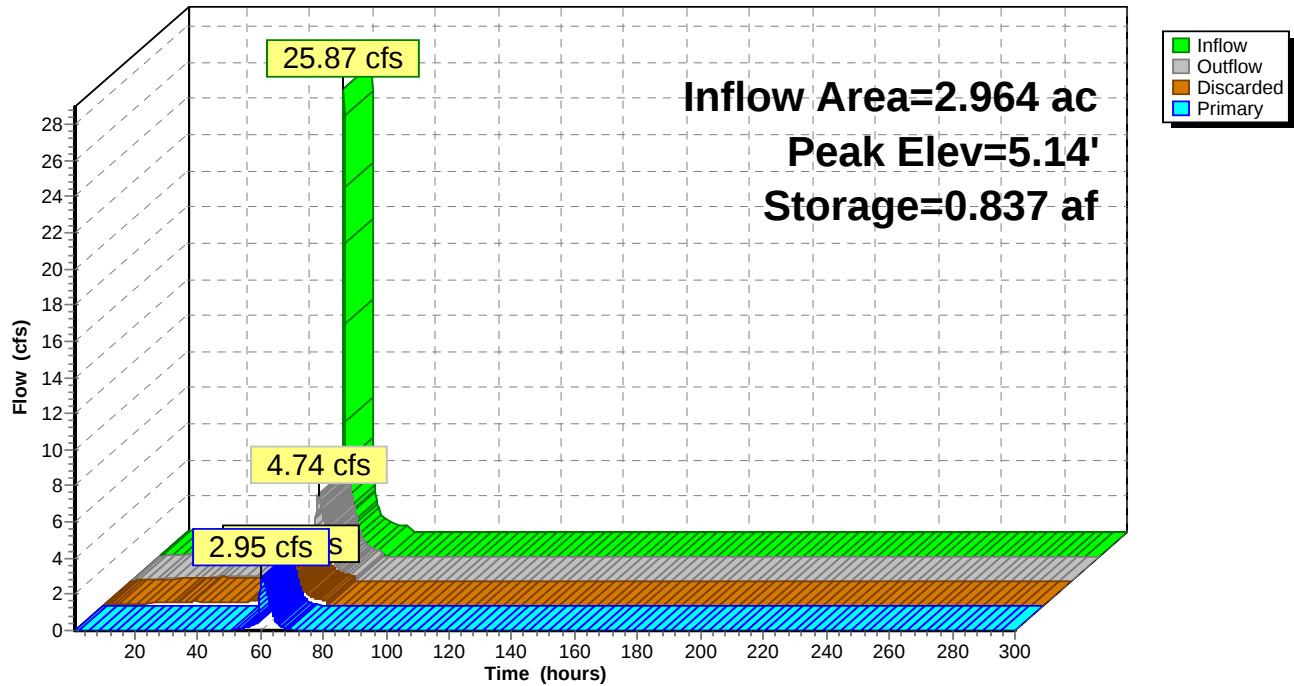
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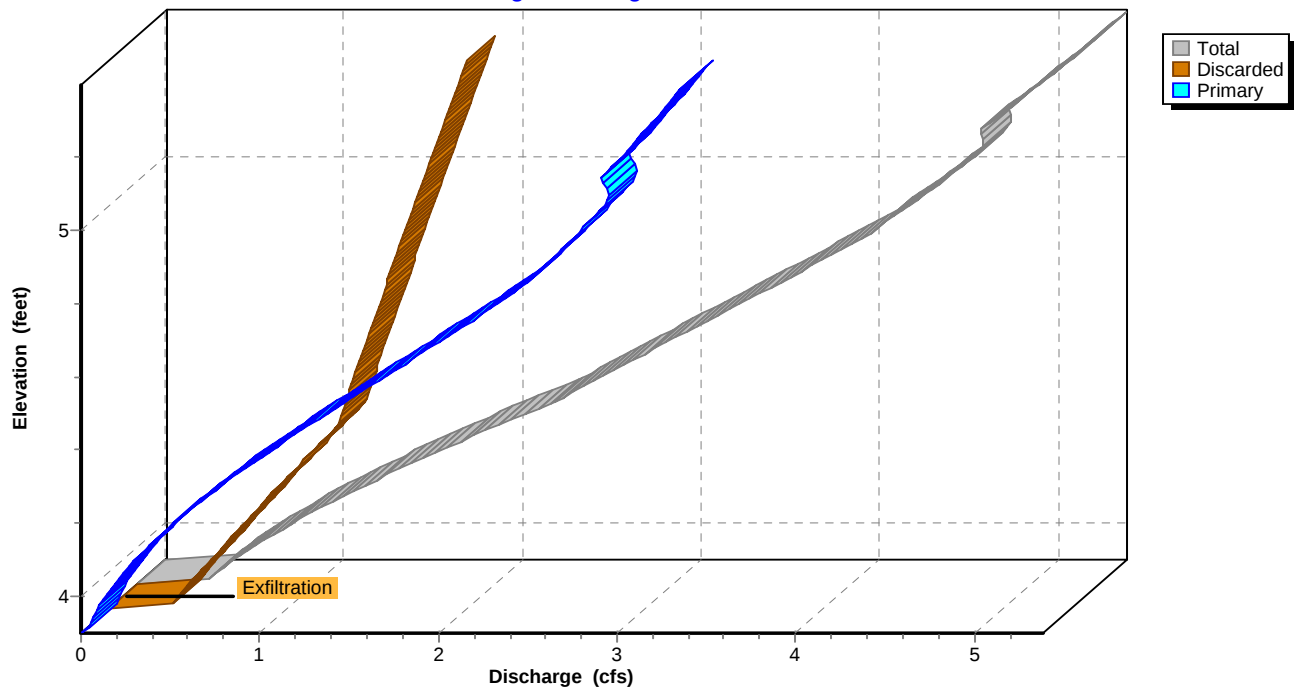
Pond 4P: Pond 4

Hydrograph



Pond 4P: Pond 4

Stage-Discharge



Existing Stormwater Analysis

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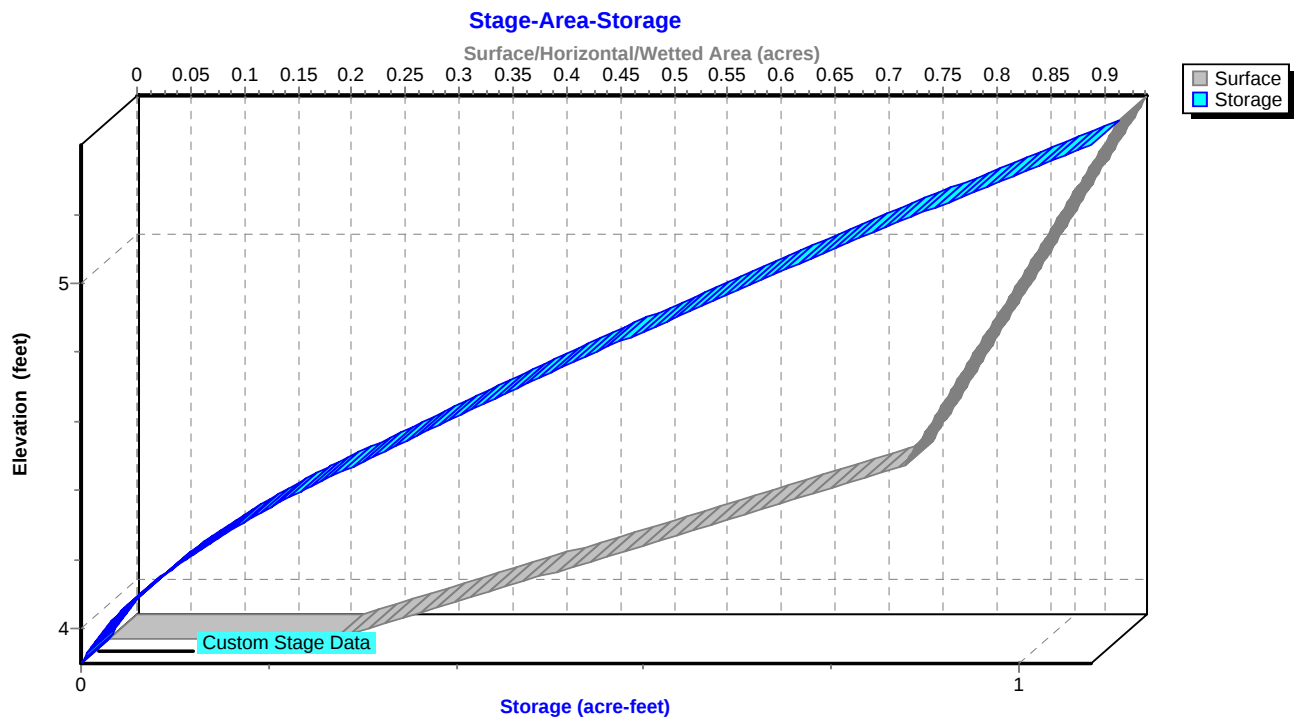
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Pond 4P: Pond 4



Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 4P: Pond 4

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
1.00	0.01	0.000	3.90	0.00	0.00	0.00	0.000
2.00	0.03	0.000	3.90	0.03	0.03	0.00	0.001
3.00	0.06	0.001	3.90	0.06	0.06	0.01	0.005
4.00	0.09	0.001	3.90	0.09	0.08	0.01	0.011
5.00	0.10	0.001	3.90	0.10	0.09	0.01	0.019
6.00	0.12	0.001	3.90	0.12	0.10	0.01	0.028
7.00	0.13	0.001	3.90	0.13	0.11	0.01	0.038
8.00	0.13	0.001	3.90	0.13	0.12	0.01	0.049
9.00	0.14	0.001	3.91	0.14	0.12	0.02	0.060
10.00	0.14	0.001	3.91	0.14	0.13	0.02	0.072
11.00	0.15	0.001	3.91	0.15	0.13	0.02	0.084
12.00	0.15	0.001	3.91	0.15	0.14	0.02	0.097
13.00	0.16	0.001	3.91	0.16	0.14	0.02	0.109
14.00	0.16	0.001	3.91	0.16	0.14	0.02	0.122
15.00	0.16	0.001	3.91	0.16	0.14	0.02	0.135
16.00	0.16	0.001	3.91	0.16	0.14	0.02	0.149
17.00	0.16	0.001	3.91	0.16	0.15	0.02	0.162
18.00	0.16	0.001	3.91	0.16	0.15	0.02	0.176
19.00	0.17	0.001	3.91	0.17	0.15	0.02	0.189
20.00	0.17	0.001	3.91	0.17	0.15	0.02	0.203
21.00	0.17	0.001	3.91	0.17	0.15	0.02	0.217
22.00	0.17	0.001	3.91	0.17	0.15	0.02	0.231
23.00	0.17	0.001	3.91	0.17	0.15	0.02	0.245
24.00	0.17	0.001	3.91	0.17	0.15	0.02	0.259
25.00	0.23	0.002	3.91	0.23	0.20	0.03	0.277
26.00	0.24	0.002	3.91	0.24	0.21	0.03	0.296
27.00	0.25	0.002	3.91	0.25	0.22	0.03	0.316
28.00	0.26	0.002	3.91	0.26	0.23	0.03	0.336
29.00	0.27	0.002	3.91	0.27	0.24	0.03	0.358
30.00	0.28	0.002	3.91	0.28	0.24	0.03	0.380
31.00	0.25	0.002	3.91	0.25	0.23	0.03	0.403
32.00	0.25	0.002	3.91	0.25	0.23	0.03	0.424
33.00	0.25	0.002	3.91	0.25	0.23	0.03	0.445
34.00	0.26	0.002	3.91	0.26	0.23	0.03	0.466
35.00	0.26	0.002	3.91	0.26	0.23	0.03	0.487
36.00	0.26	0.002	3.91	0.26	0.23	0.03	0.508
37.00	0.26	0.002	3.91	0.26	0.23	0.03	0.530
38.00	0.26	0.002	3.91	0.26	0.23	0.03	0.551
39.00	0.26	0.002	3.91	0.26	0.23	0.03	0.572
40.00	0.26	0.002	3.91	0.26	0.23	0.03	0.593
41.00	0.26	0.002	3.91	0.26	0.23	0.03	0.614
42.00	0.26	0.002	3.91	0.26	0.23	0.03	0.636
43.00	0.26	0.002	3.91	0.26	0.23	0.03	0.657
44.00	0.26	0.002	3.91	0.26	0.23	0.03	0.678
45.00	0.26	0.002	3.91	0.26	0.23	0.03	0.700
46.00	0.26	0.002	3.91	0.26	0.23	0.03	0.721
47.00	0.26	0.002	3.91	0.26	0.23	0.03	0.742
48.00	0.26	0.002	3.91	0.26	0.23	0.03	0.764
49.00	0.29	0.002	3.91	0.29	0.26	0.03	0.789
50.00	0.30	0.002	3.91	0.30	0.27	0.03	0.814
51.00	0.36	0.003	3.91	0.36	0.32	0.04	0.842
52.00	0.40	0.003	3.91	0.40	0.35	0.04	0.874
53.00	0.55	0.009	3.94	0.46	0.40	0.07	0.909

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Pond 4P: Pond 4 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
54.00	0.65	0.017	3.97	0.55	0.45	0.10	0.951
55.00	0.79	0.027	4.00	0.65	0.51	0.14	1.001
56.00	0.90	0.039	4.04	0.77	0.57	0.19	1.060
57.00	1.11	0.054	4.08	0.91	0.65	0.26	1.129
58.00	1.27	0.071	4.12	1.06	0.72	0.34	1.211
59.00	2.05	0.104	4.19	1.35	0.86	0.49	1.309
60.00	17.37	0.764	5.05	4.64	1.75	2.90	1.508
61.00	2.20	0.741	5.03	4.57	1.73	2.85	1.896
62.00	1.35	0.525	4.77	3.77	1.54	2.23	2.242
63.00	0.94	0.339	4.53	2.86	1.37	1.49	2.513
64.00	0.74	0.203	4.35	2.11	1.18	0.92	2.717
65.00	0.53	0.107	4.19	1.37	0.87	0.50	2.857
66.00	0.53	0.057	4.09	0.94	0.66	0.28	2.949
67.00	0.53	0.034	4.02	0.72	0.55	0.17	3.017
68.00	0.48	0.023	3.99	0.61	0.49	0.12	3.071
69.00	0.35	0.009	3.94	0.47	0.40	0.07	3.115
70.00	0.35	0.003	3.91	0.40	0.35	0.04	3.151
71.00	0.35	0.003	3.91	0.35	0.32	0.04	3.180
72.00	0.36	0.003	3.91	0.36	0.32	0.04	3.209
73.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
74.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
75.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
76.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
77.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
78.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
79.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
80.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
81.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
82.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
83.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
84.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
85.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
86.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
87.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
88.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
89.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
90.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
91.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
92.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
93.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
94.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
95.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
96.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
97.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
98.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
99.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
100.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
101.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
102.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
103.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
104.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
105.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
106.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214

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Hydrograph for Pond 4P: Pond 4 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
107.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
108.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
109.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
110.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
111.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
112.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
113.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
114.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
115.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
116.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
117.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
118.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
119.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
120.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
121.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
122.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
123.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
124.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
125.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
126.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
127.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
128.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
129.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
130.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
131.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
132.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
133.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
134.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
135.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
136.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
137.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
138.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
139.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
140.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
141.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
142.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
143.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
144.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
145.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
146.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
147.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
148.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
149.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
150.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
151.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
152.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
153.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
154.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
155.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
156.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
157.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
158.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
159.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 4P: Pond 4 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
160.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
161.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
162.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
163.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
164.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
165.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
166.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
167.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
168.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
169.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
170.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
171.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
172.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
173.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
174.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
175.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
176.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
177.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
178.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
179.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
180.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
181.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
182.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
183.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
184.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
185.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
186.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
187.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
188.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
189.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
190.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
191.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
192.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
193.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
194.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
195.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
196.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
197.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
198.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
199.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
200.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
201.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
202.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
203.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
204.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
205.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
206.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
207.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
208.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
209.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
210.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
211.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
212.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 4P: Pond 4 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
213.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
214.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
215.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
216.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
217.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
218.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
219.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
220.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
221.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
222.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
223.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
224.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
225.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
226.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
227.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
228.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
229.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
230.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
231.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
232.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
233.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
234.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
235.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
236.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
237.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
238.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
239.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
240.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
241.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
242.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
243.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
244.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
245.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
246.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
247.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
248.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
249.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
250.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
251.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
252.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
253.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
254.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
255.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
256.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
257.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
258.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
259.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
260.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
261.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
262.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
263.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
264.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
265.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 4P: Pond 4 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
266.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
267.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
268.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
269.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
270.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
271.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
272.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
273.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
274.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
275.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
276.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
277.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
278.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
279.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
280.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
281.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
282.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
283.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
284.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
285.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
286.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
287.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
288.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
289.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
290.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
291.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
292.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
293.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
294.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
295.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
296.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
297.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
298.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
299.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214
300.00	0.00	0.000	3.90	0.00	0.00	0.00	3.214

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 4P: Pond 4

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
3.90	0.00	0.00	0.00	4.43	2.46	1.30	1.16
3.91	0.39	0.35	0.04	4.44	2.49	1.31	1.19
3.92	0.41	0.36	0.05	4.45	2.53	1.31	1.22
3.93	0.44	0.38	0.06	4.46	2.57	1.32	1.25
3.94	0.47	0.40	0.07	4.47	2.61	1.33	1.28
3.95	0.49	0.42	0.08	4.48	2.65	1.33	1.31
3.96	0.52	0.44	0.09	4.49	2.68	1.34	1.34
3.97	0.55	0.45	0.10	4.50	2.72	1.35	1.37
3.98	0.58	0.47	0.11	4.51	2.76	1.35	1.41
3.99	0.61	0.49	0.12	4.52	2.80	1.36	1.44
4.00	0.64	0.51	0.14	4.53	2.84	1.37	1.47
4.01	0.68	0.53	0.15	4.54	2.88	1.38	1.50
4.02	0.71	0.54	0.17	4.55	2.92	1.38	1.53
4.03	0.74	0.56	0.18	4.56	2.96	1.39	1.57
4.04	0.78	0.58	0.20	4.57	3.00	1.40	1.60
4.05	0.81	0.60	0.21	4.58	3.03	1.40	1.63
4.06	0.85	0.62	0.23	4.59	3.07	1.41	1.66
4.07	0.88	0.64	0.25	4.60	3.11	1.42	1.69
4.08	0.92	0.66	0.27	4.61	3.15	1.43	1.73
4.09	0.96	0.67	0.28	4.62	3.19	1.43	1.76
4.10	1.00	0.69	0.30	4.63	3.23	1.44	1.79
4.11	1.03	0.71	0.32	4.64	3.27	1.45	1.82
4.12	1.07	0.73	0.34	4.65	3.31	1.45	1.86
4.13	1.11	0.75	0.36	4.66	3.35	1.46	1.89
4.14	1.15	0.77	0.38	4.67	3.39	1.47	1.92
4.15	1.19	0.79	0.41	4.68	3.43	1.47	1.95
4.16	1.23	0.81	0.43	4.69	3.47	1.48	1.98
4.17	1.28	0.83	0.45	4.70	3.50	1.49	2.02
4.18	1.32	0.84	0.47	4.71	3.54	1.50	2.05
4.19	1.36	0.86	0.50	4.72	3.58	1.50	2.08
4.20	1.40	0.88	0.52	4.73	3.62	1.51	2.11
4.21	1.45	0.90	0.54	4.74	3.66	1.52	2.14
4.22	1.49	0.92	0.57	4.75	3.70	1.52	2.17
4.23	1.53	0.94	0.59	4.76	3.74	1.53	2.20
4.24	1.58	0.96	0.62	4.77	3.77	1.54	2.23
4.25	1.62	0.98	0.64	4.78	3.81	1.55	2.26
4.26	1.67	1.00	0.67	4.79	3.85	1.55	2.29
4.27	1.72	1.02	0.70	4.80	3.89	1.56	2.32
4.28	1.76	1.04	0.72	4.81	3.92	1.57	2.35
4.29	1.81	1.06	0.75	4.82	3.96	1.58	2.38
4.30	1.86	1.08	0.78	4.83	4.00	1.58	2.41
4.31	1.90	1.10	0.81	4.84	4.03	1.59	2.44
4.32	1.95	1.12	0.83	4.85	4.07	1.60	2.47
4.33	2.00	1.14	0.86	4.86	4.10	1.60	2.50
4.34	2.05	1.16	0.89	4.87	4.13	1.61	2.52
4.35	2.10	1.18	0.92	4.88	4.16	1.62	2.54
4.36	2.15	1.20	0.95	4.89	4.19	1.63	2.56
4.37	2.19	1.22	0.98	4.90	4.22	1.63	2.58
4.38	2.24	1.24	1.01	4.91	4.25	1.64	2.61
4.39	2.29	1.26	1.04	4.92	4.28	1.65	2.63
4.40	2.34	1.28	1.07	4.93	4.30	1.66	2.65
4.41	2.38	1.29	1.10	4.94	4.33	1.66	2.67
4.42	2.42	1.29	1.13	4.95	4.36	1.67	2.69

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 4P: Pond 4 (continued)

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
4.96	4.39	1.68	2.71
4.97	4.42	1.68	2.73
4.98	4.44	1.69	2.75
4.99	4.47	1.70	2.77
5.00	4.50	1.71	2.79
5.01	4.53	1.71	2.81
5.02	4.55	1.72	2.83
5.03	4.58	1.73	2.85
5.04	4.61	1.74	2.87
5.05	4.63	1.74	2.89
5.06	4.66	1.75	2.91
5.07	4.69	1.76	2.93
5.08	4.71	1.77	2.94
5.09	4.72	1.77	2.95
5.10	4.73	1.78	2.95
5.11	4.74	1.79	2.95
5.12	4.74	1.80	2.94
5.13	4.72	1.80	2.92
5.14	4.71	1.81	2.90
5.15	4.74	1.82	2.92
5.16	4.77	1.83	2.94
5.17	4.79	1.83	2.96
5.18	4.82	1.84	2.98
5.19	4.85	1.85	3.00
5.20	4.87	1.86	3.02
5.21	4.90	1.86	3.04
5.22	4.93	1.87	3.06
5.23	4.95	1.88	3.07
5.24	4.98	1.89	3.09
5.25	5.00	1.89	3.11
5.26	5.03	1.90	3.13
5.27	5.06	1.91	3.15
5.28	5.08	1.92	3.17
5.29	5.11	1.92	3.18
5.30	5.13	1.93	3.20
5.31	5.16	1.94	3.22
5.32	5.18	1.95	3.24
5.33	5.21	1.95	3.25
5.34	5.23	1.96	3.27
5.35	5.26	1.97	3.29
5.36	5.28	1.98	3.31
5.37	5.31	1.99	3.32
5.38	5.33	1.99	3.34
5.39	5.36	2.00	3.36
5.40	5.38	2.01	3.37

Existing Stormwater Analysis

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Stage-Area-Storage for Pond 4P: Pond 4

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
3.90	0.210	0.000	4.43	0.746	0.260
3.91	0.221	0.002	4.44	0.748	0.267
3.92	0.231	0.004	4.45	0.750	0.275
3.93	0.242	0.007	4.46	0.752	0.282
3.94	0.252	0.009	4.47	0.754	0.290
3.95	0.263	0.012	4.48	0.756	0.297
3.96	0.274	0.015	4.49	0.758	0.305
3.97	0.284	0.017	4.50	0.760	0.312
3.98	0.295	0.020	4.51	0.762	0.320
3.99	0.305	0.023	4.52	0.764	0.328
4.00	0.316	0.026	4.53	0.766	0.335
4.01	0.327	0.030	4.54	0.768	0.343
4.02	0.337	0.033	4.55	0.770	0.351
4.03	0.348	0.036	4.56	0.772	0.358
4.04	0.358	0.040	4.57	0.774	0.366
4.05	0.369	0.043	4.58	0.776	0.374
4.06	0.380	0.047	4.59	0.778	0.382
4.07	0.390	0.051	4.60	0.780	0.389
4.08	0.401	0.055	4.61	0.782	0.397
4.09	0.411	0.059	4.62	0.784	0.405
4.10	0.422	0.063	4.63	0.786	0.413
4.11	0.433	0.067	4.64	0.788	0.421
4.12	0.443	0.072	4.65	0.790	0.429
4.13	0.454	0.076	4.66	0.792	0.437
4.14	0.464	0.081	4.67	0.794	0.445
4.15	0.475	0.086	4.68	0.796	0.453
4.16	0.486	0.090	4.69	0.798	0.461
4.17	0.496	0.095	4.70	0.800	0.469
4.18	0.507	0.100	4.71	0.802	0.477
4.19	0.517	0.105	4.72	0.804	0.485
4.20	0.528	0.111	4.73	0.806	0.493
4.21	0.539	0.116	4.74	0.808	0.501
4.22	0.549	0.121	4.75	0.810	0.509
4.23	0.560	0.127	4.76	0.812	0.517
4.24	0.570	0.133	4.77	0.814	0.525
4.25	0.581	0.138	4.78	0.816	0.533
4.26	0.592	0.144	4.79	0.818	0.541
4.27	0.602	0.150	4.80	0.820	0.549
4.28	0.613	0.156	4.81	0.822	0.558
4.29	0.623	0.163	4.82	0.824	0.566
4.30	0.634	0.169	4.83	0.826	0.574
4.31	0.645	0.175	4.84	0.828	0.582
4.32	0.655	0.182	4.85	0.830	0.591
4.33	0.666	0.188	4.86	0.832	0.599
4.34	0.676	0.195	4.87	0.834	0.607
4.35	0.687	0.202	4.88	0.836	0.616
4.36	0.698	0.209	4.89	0.838	0.624
4.37	0.708	0.216	4.90	0.840	0.633
4.38	0.719	0.223	4.91	0.842	0.641
4.39	0.729	0.230	4.92	0.844	0.649
4.40	0.740	0.238	4.93	0.846	0.658
4.41	0.742	0.245	4.94	0.848	0.666
4.42	0.744	0.252	4.95	0.850	0.675

Existing Stormwater Analysis

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Stage-Area-Storage for Pond 4P: Pond 4 (continued)

Elevation (feet)	Surface (acres)	Storage (acre-feet)
4.96	0.852	0.683
4.97	0.854	0.692
4.98	0.856	0.700
4.99	0.858	0.709
5.00	0.860	0.717
5.01	0.862	0.726
5.02	0.864	0.735
5.03	0.866	0.743
5.04	0.868	0.752
5.05	0.870	0.761
5.06	0.872	0.769
5.07	0.874	0.778
5.08	0.876	0.787
5.09	0.878	0.796
5.10	0.880	0.804
5.11	0.882	0.813
5.12	0.884	0.822
5.13	0.886	0.831
5.14	0.888	0.840
5.15	0.890	0.849
5.16	0.892	0.858
5.17	0.894	0.867
5.18	0.896	0.876
5.19	0.898	0.885
5.20	0.900	0.893
5.21	0.902	0.903
5.22	0.904	0.912
5.23	0.906	0.921
5.24	0.908	0.930
5.25	0.910	0.939
5.26	0.912	0.948
5.27	0.914	0.957
5.28	0.916	0.966
5.29	0.918	0.975
5.30	0.920	0.984
5.31	0.922	0.994
5.32	0.924	1.003
5.33	0.926	1.012
5.34	0.928	1.021
5.35	0.930	1.031
5.36	0.932	1.040
5.37	0.934	1.049
5.38	0.936	1.059
5.39	0.938	1.068
5.40	0.940	1.078

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Summary for Pond 5P: Pond 5

Inflow Area = 8.150 ac, 100.00% Impervious, Inflow Depth > 13.27" for 25YR-72HR event
 Inflow = 57.02 cfs @ 60.04 hrs, Volume= 9.009 af
 Outflow = 49.92 cfs @ 60.04 hrs, Volume= 8.850 af, Atten= 12%, Lag= 0.0 min
 Discarded = 1.06 cfs @ 60.04 hrs, Volume= 0.776 af
 Primary = 48.86 cfs @ 60.04 hrs, Volume= 8.073 af

Routing by Stor-Ind method, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs / 2
 Peak Elev= 4.65' @ 60.04 hrs Surf.Area= 0.500 ac Storage= 0.335 af

Plug-Flow detention time= 15.2 min calculated for 8.848 af (98% of inflow)
 Center-of-Mass det. time= (not calculated: outflow precedes inflow)

Volume	Invert	Avail.Storage	Storage Description
#1	3.40'	0.335 af	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (acres)	Inc.Store (acre-feet)	Cum.Store (acre-feet)
3.40	0.170	0.000	0.000
4.40	0.500	0.335	0.335

Device	Routing	Invert	Outlet Devices
#1	Primary	3.23'	9.0' long x 1.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 1.80 2.00 2.50 3.00 Coef. (English) 2.69 2.72 2.75 2.85 2.98 3.08 3.20 3.28 3.31 3.30 3.31 3.32
#2	Discarded	3.40'	1.550 in/hr Exfiltration over Surface area Conductivity to Groundwater Elevation = 1.00'

Discarded OutFlow Max=1.06 cfs @ 60.04 hrs HW=4.65' (Free Discharge)
 ↑ **2=Exfiltration** (Controls 1.06 cfs)

Primary OutFlow Max=48.59 cfs @ 60.04 hrs HW=4.65' (Free Discharge)
 ↑ **1=Broad-Crested Rectangular Weir** (Weir Controls 48.59 cfs @ 3.81 fps)

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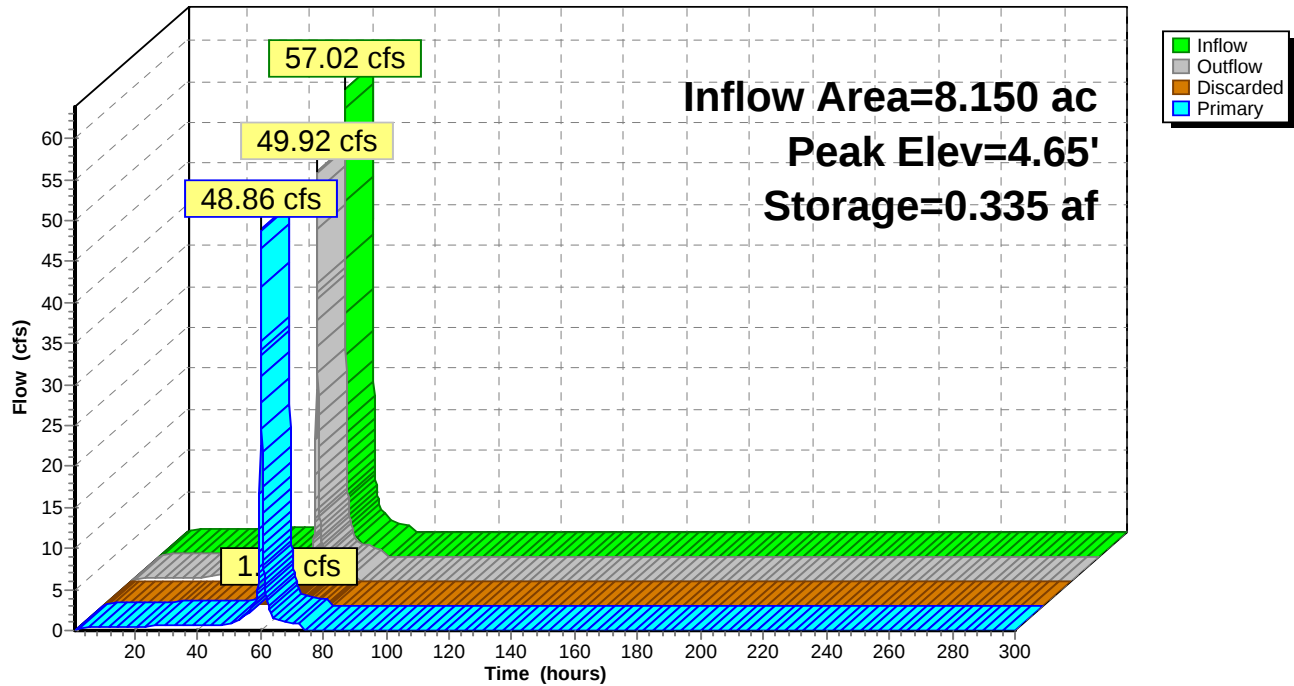
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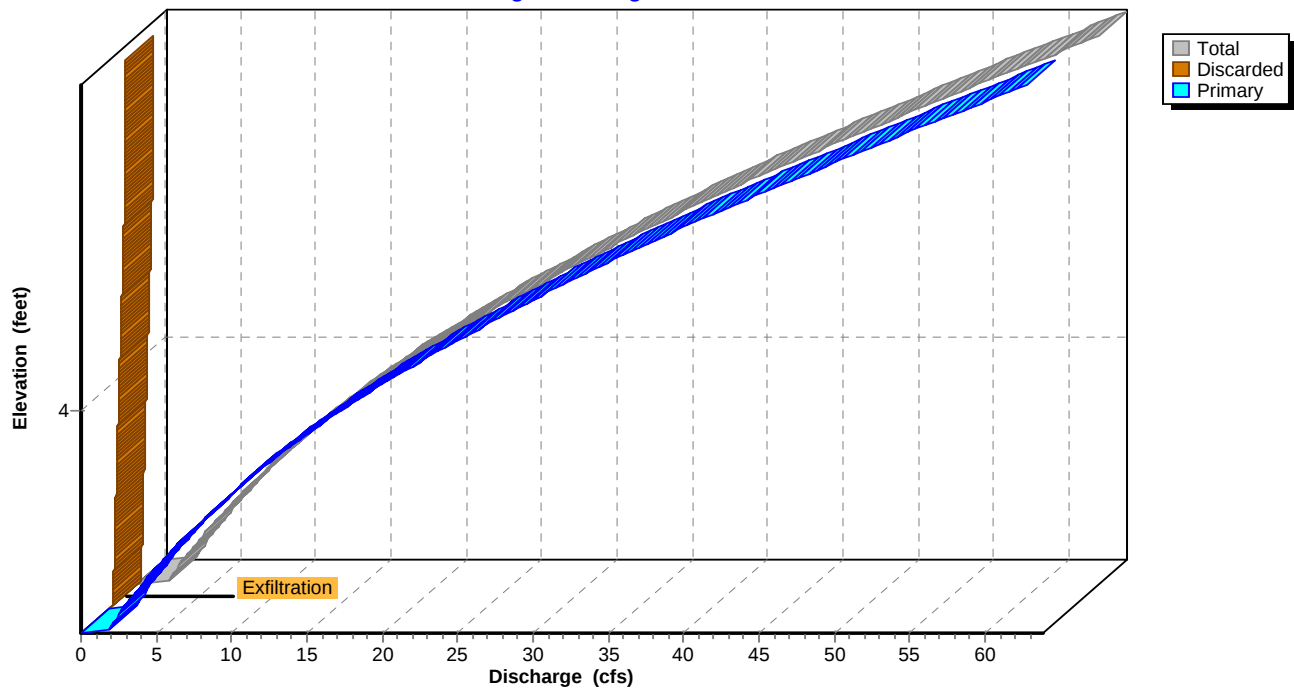
Pond 5P: Pond 5

Hydrograph



Pond 5P: Pond 5

Stage-Discharge



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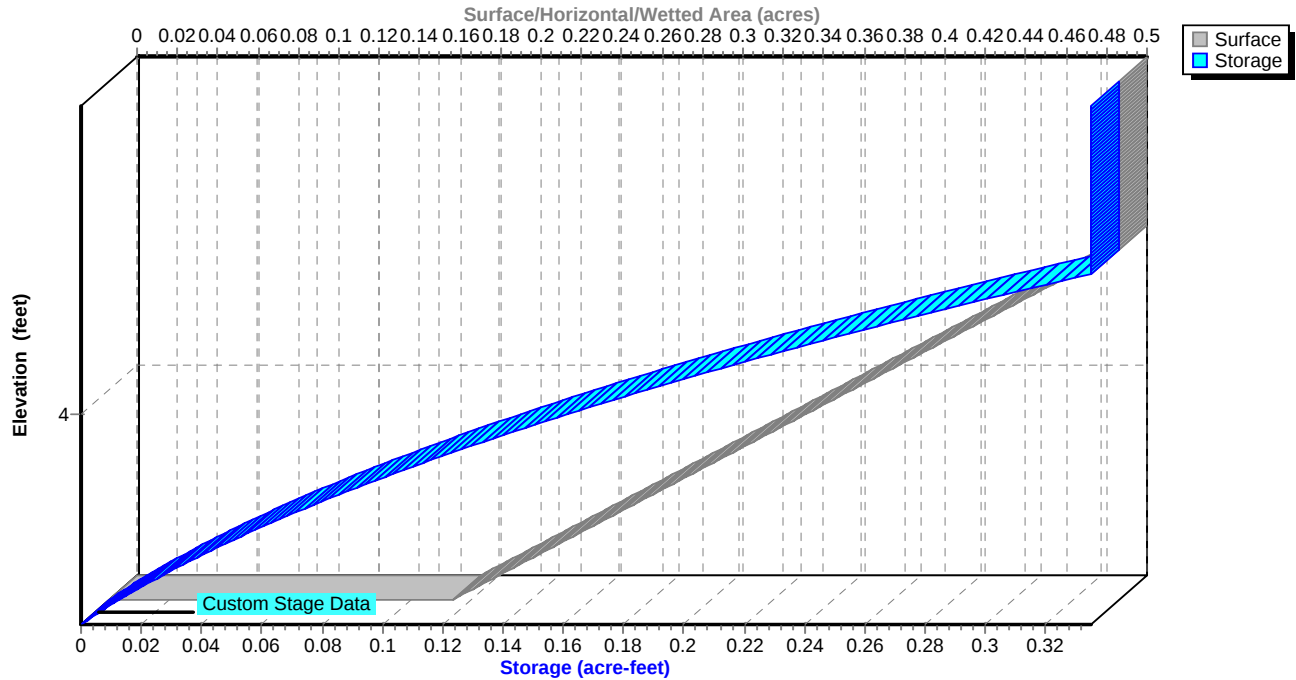
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Pond 5P: Pond 5

Stage-Area-Storage



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Hydrograph for Pond 5P: Pond 5

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
1.00	0.02	0.000	3.40	0.01	0.00	0.01	0.000
2.00	0.20	0.000	3.40	0.20	0.03	0.18	0.010
3.00	0.30	0.000	3.40	0.30	0.04	0.26	0.031
4.00	0.36	0.000	3.40	0.36	0.05	0.31	0.059
5.00	0.40	0.000	3.40	0.40	0.05	0.34	0.091
6.00	0.42	0.000	3.40	0.42	0.05	0.36	0.124
7.00	0.44	0.000	3.40	0.43	0.06	0.38	0.160
8.00	0.45	0.000	3.40	0.45	0.06	0.39	0.196
9.00	0.46	0.000	3.40	0.46	0.06	0.40	0.233
10.00	0.46	0.000	3.40	0.46	0.06	0.40	0.271
11.00	0.47	0.000	3.40	0.47	0.06	0.41	0.310
12.00	0.47	0.000	3.40	0.47	0.06	0.41	0.349
13.00	0.48	0.000	3.40	0.48	0.06	0.41	0.388
14.00	0.48	0.000	3.40	0.48	0.06	0.42	0.427
15.00	0.48	0.000	3.40	0.48	0.06	0.42	0.467
16.00	0.48	0.000	3.40	0.48	0.06	0.42	0.507
17.00	0.48	0.000	3.40	0.48	0.06	0.42	0.547
18.00	0.49	0.000	3.40	0.49	0.06	0.42	0.587
19.00	0.49	0.000	3.40	0.49	0.06	0.42	0.627
20.00	0.49	0.000	3.40	0.49	0.06	0.43	0.667
21.00	0.49	0.000	3.40	0.49	0.06	0.43	0.707
22.00	0.49	0.000	3.40	0.49	0.06	0.43	0.748
23.00	0.49	0.000	3.40	0.49	0.06	0.43	0.788
24.00	0.49	0.000	3.40	0.49	0.06	0.43	0.829
25.00	0.65	0.001	3.40	0.65	0.08	0.56	0.876
26.00	0.67	0.001	3.40	0.67	0.09	0.59	0.931
27.00	0.70	0.001	3.40	0.70	0.09	0.61	0.988
28.00	0.72	0.001	3.40	0.72	0.09	0.63	1.046
29.00	0.75	0.001	3.40	0.75	0.10	0.65	1.107
30.00	0.77	0.001	3.40	0.77	0.10	0.67	1.170
31.00	0.72	0.001	3.40	0.72	0.09	0.62	1.235
32.00	0.72	0.001	3.40	0.72	0.09	0.62	1.294
33.00	0.72	0.001	3.40	0.72	0.09	0.62	1.353
34.00	0.72	0.001	3.40	0.72	0.09	0.62	1.413
35.00	0.72	0.001	3.40	0.72	0.09	0.62	1.472
36.00	0.72	0.001	3.40	0.72	0.09	0.62	1.531
37.00	0.72	0.001	3.40	0.72	0.09	0.63	1.590
38.00	0.72	0.001	3.40	0.72	0.09	0.63	1.649
39.00	0.72	0.001	3.40	0.72	0.09	0.63	1.709
40.00	0.72	0.001	3.40	0.72	0.09	0.63	1.768
41.00	0.72	0.001	3.40	0.72	0.09	0.63	1.827
42.00	0.72	0.001	3.40	0.72	0.09	0.63	1.887
43.00	0.72	0.001	3.40	0.72	0.09	0.63	1.946
44.00	0.72	0.001	3.40	0.72	0.09	0.63	2.005
45.00	0.72	0.001	3.40	0.72	0.09	0.63	2.065
46.00	0.72	0.001	3.40	0.72	0.09	0.63	2.124
47.00	0.72	0.001	3.40	0.72	0.09	0.63	2.184
48.00	0.72	0.001	3.40	0.72	0.09	0.63	2.243
49.00	0.81	0.001	3.40	0.81	0.10	0.71	2.313
50.00	0.83	0.001	3.40	0.83	0.11	0.72	2.380
51.00	0.99	0.001	3.40	0.99	0.13	0.86	2.458
52.00	1.09	0.001	3.41	1.09	0.14	0.95	2.544
53.00	1.47	0.001	3.41	1.46	0.19	1.27	2.651

Existing Stormwater Analysis

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Hydrograph for Pond 5P: Pond 5 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
54.00	1.73	0.001	3.41	1.73	0.22	1.51	2.783
55.00	2.10	0.002	3.41	2.10	0.27	1.83	2.943
56.00	2.43	0.005	3.43	2.38	0.28	2.10	3.127
57.00	2.96	0.010	3.46	2.90	0.30	2.60	3.345
58.00	3.41	0.015	3.48	3.35	0.32	3.03	3.605
59.00	5.02	0.028	3.55	4.67	0.36	4.31	3.921
60.00	56.18	0.335	4.64	49.08	1.05	48.02	5.042
61.00	6.90	0.066	3.70	8.38	0.46	7.91	7.061
62.00	3.97	0.023	3.52	4.12	0.34	3.78	7.508
63.00	2.70	0.009	3.45	2.78	0.30	2.48	7.781
64.00	2.17	0.003	3.42	2.24	0.28	1.97	7.987
65.00	1.47	0.001	3.41	1.47	0.19	1.28	8.125
66.00	1.46	0.001	3.41	1.46	0.19	1.28	8.246
67.00	1.46	0.001	3.41	1.46	0.19	1.28	8.368
68.00	1.41	0.001	3.41	1.41	0.18	1.23	8.492
69.00	0.98	0.001	3.40	0.98	0.13	0.85	8.582
70.00	0.98	0.001	3.40	0.98	0.13	0.85	8.663
71.00	0.98	0.001	3.40	0.98	0.13	0.85	8.744
72.00	0.98	0.001	3.40	0.98	0.13	0.85	8.824
73.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
74.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
75.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
76.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
77.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
78.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
79.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
80.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
81.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
82.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
83.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
84.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
85.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
86.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
87.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
88.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
89.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
90.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
91.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
92.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
93.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
94.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
95.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
96.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
97.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
98.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
99.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
100.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
101.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
102.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
103.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
104.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
105.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
106.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 5P: Pond 5 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
107.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
108.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
109.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
110.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
111.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
112.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
113.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
114.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
115.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
116.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
117.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
118.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
119.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
120.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
121.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
122.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
123.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
124.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
125.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
126.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
127.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
128.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
129.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
130.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
131.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
132.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
133.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
134.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
135.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
136.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
137.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
138.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
139.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
140.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
141.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
142.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
143.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
144.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
145.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
146.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
147.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
148.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
149.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
150.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
151.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
152.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
153.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
154.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
155.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
156.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
157.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
158.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
159.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 5P: Pond 5 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
160.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
161.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
162.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
163.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
164.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
165.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
166.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
167.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
168.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
169.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
170.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
171.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
172.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
173.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
174.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
175.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
176.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
177.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
178.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
179.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
180.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
181.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
182.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
183.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
184.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
185.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
186.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
187.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
188.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
189.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
190.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
191.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
192.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
193.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
194.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
195.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
196.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
197.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
198.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
199.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
200.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
201.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
202.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
203.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
204.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
205.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
206.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
207.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
208.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
209.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
210.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
211.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
212.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 5P: Pond 5 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
213.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
214.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
215.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
216.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
217.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
218.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
219.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
220.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
221.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
222.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
223.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
224.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
225.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
226.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
227.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
228.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
229.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
230.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
231.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
232.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
233.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
234.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
235.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
236.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
237.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
238.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
239.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
240.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
241.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
242.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
243.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
244.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
245.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
246.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
247.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
248.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
249.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
250.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
251.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
252.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
253.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
254.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
255.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
256.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
257.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
258.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
259.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
260.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
261.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
262.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
263.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
264.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
265.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Prepared by Black & Veatch

Printed 6/2/2017

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Hydrograph for Pond 5P: Pond 5 (continued)

Time (hours)	Inflow (cfs)	Storage (acre-feet)	Elevation (feet)	Outflow (cfs)	Discarded (cfs)	Primary (cfs)	Outflow-Volume (acre-feet)
266.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
267.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
268.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
269.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
270.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
271.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
272.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
273.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
274.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
275.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
276.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
277.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
278.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
279.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
280.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
281.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
282.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
283.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
284.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
285.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
286.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
287.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
288.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
289.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
290.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
291.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
292.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
293.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
294.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
295.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
296.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
297.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
298.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
299.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850
300.00	0.00	0.000	3.40	0.00	0.00	0.00	8.850

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 5P: Pond 5

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)	Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
3.40	0.00	0.00	0.00	3.93	15.38	0.63	14.76
3.41	2.12	0.27	1.85	3.94	15.74	0.63	15.10
3.42	2.28	0.28	2.01	3.95	16.09	0.64	15.45
3.43	2.45	0.28	2.17	3.96	16.45	0.65	15.80
3.44	2.62	0.29	2.33	3.97	16.81	0.65	16.16
3.45	2.80	0.30	2.50	3.98	17.18	0.66	16.51
3.46	2.98	0.30	2.67	3.99	17.54	0.67	16.88
3.47	3.16	0.31	2.85	4.00	17.92	0.68	17.24
3.48	3.35	0.32	3.03	4.01	18.29	0.68	17.61
3.49	3.54	0.32	3.22	4.02	18.67	0.69	17.98
3.50	3.74	0.33	3.41	4.03	19.05	0.70	18.35
3.51	3.94	0.34	3.60	4.04	19.45	0.71	18.74
3.52	4.14	0.34	3.80	4.05	19.85	0.71	19.13
3.53	4.35	0.35	4.00	4.06	20.25	0.72	19.53
3.54	4.56	0.36	4.20	4.07	20.66	0.73	19.93
3.55	4.77	0.36	4.41	4.08	21.07	0.74	20.33
3.56	4.99	0.37	4.62	4.09	21.48	0.74	20.74
3.57	5.21	0.38	4.84	4.10	21.90	0.75	21.15
3.58	5.44	0.38	5.05	4.11	22.32	0.76	21.56
3.59	5.66	0.39	5.28	4.12	22.75	0.77	21.98
3.60	5.90	0.39	5.50	4.13	23.17	0.77	22.40
3.61	6.13	0.40	5.73	4.14	23.61	0.78	22.82
3.62	6.37	0.41	5.96	4.15	24.04	0.79	23.25
3.63	6.61	0.42	6.19	4.16	24.48	0.80	23.69
3.64	6.85	0.42	6.43	4.17	24.93	0.81	24.12
3.65	7.10	0.43	6.67	4.18	25.38	0.81	24.56
3.66	7.35	0.44	6.91	4.19	25.83	0.82	25.01
3.67	7.60	0.44	7.16	4.20	26.28	0.83	25.45
3.68	7.86	0.45	7.41	4.21	26.74	0.84	25.91
3.69	8.12	0.46	7.66	4.22	27.20	0.84	26.36
3.70	8.38	0.46	7.92	4.23	27.67	0.85	26.82
3.71	8.65	0.47	8.18	4.24	28.13	0.86	27.27
3.72	8.91	0.48	8.44	4.25	28.59	0.87	27.72
3.73	9.19	0.48	8.70	4.26	29.05	0.87	28.18
3.74	9.46	0.49	8.97	4.27	29.52	0.88	28.64
3.75	9.74	0.50	9.24	4.28	29.99	0.89	29.10
3.76	10.02	0.50	9.51	4.29	30.46	0.90	29.56
3.77	10.30	0.51	9.79	4.30	30.94	0.91	30.03
3.78	10.59	0.52	10.07	4.31	31.42	0.91	30.51
3.79	10.87	0.53	10.35	4.32	31.90	0.92	30.98
3.80	11.17	0.53	10.63	4.33	32.39	0.93	31.46
3.81	11.46	0.54	10.92	4.34	32.88	0.94	31.94
3.82	11.76	0.55	11.21	4.35	33.38	0.95	32.43
3.83	12.06	0.55	11.50	4.36	33.87	0.95	32.92
3.84	12.37	0.56	11.81	4.37	34.37	0.96	33.41
3.85	12.69	0.57	12.13	4.38	34.88	0.97	33.91
3.86	13.02	0.57	12.44	4.39	35.39	0.98	34.41
3.87	13.35	0.58	12.76	4.40	35.90	0.99	34.91
3.88	13.68	0.59	13.09	4.41	36.41	0.99	35.42
3.89	14.01	0.60	13.42	4.42	36.92	0.99	35.93
3.90	14.35	0.60	13.75	4.43	37.43	0.99	36.44
3.91	14.69	0.61	14.08	4.44	37.96	1.00	36.97
3.92	15.04	0.62	14.42	4.45	38.50	1.00	37.50

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Discharge for Pond 5P: Pond 5 (continued)

Elevation (feet)	Discharge (cfs)	Discarded (cfs)	Primary (cfs)
4.46	39.04	1.00	38.03
4.47	39.58	1.01	38.57
4.48	40.13	1.01	39.12
4.49	40.68	1.01	39.66
4.50	41.23	1.02	40.21
4.51	41.79	1.02	40.77
4.52	42.35	1.02	41.33
4.53	42.91	1.02	41.89
4.54	43.48	1.03	42.45
4.55	44.05	1.03	43.02
4.56	44.63	1.03	43.59
4.57	45.21	1.04	44.17
4.58	45.79	1.04	44.75
4.59	46.38	1.04	45.33
4.60	46.97	1.04	45.92
4.61	47.56	1.05	46.51
4.62	48.16	1.05	47.11
4.63	48.76	1.05	47.71
4.64	49.34	1.06	48.28
4.65	49.91	1.06	48.86
4.66	50.50	1.06	49.43
4.67	51.08	1.06	50.02
4.68	51.67	1.07	50.60
4.69	52.26	1.07	51.19
4.70	52.85	1.07	51.78
4.71	53.45	1.08	52.37
4.72	54.05	1.08	52.97
4.73	54.65	1.08	53.57
4.74	55.26	1.08	54.17
4.75	55.87	1.09	54.78
4.76	56.48	1.09	55.39
4.77	57.10	1.09	56.00
4.78	57.71	1.10	56.62
4.79	58.34	1.10	57.24
4.80	58.96	1.10	57.86
4.81	59.59	1.11	58.48
4.82	60.22	1.11	59.11
4.83	60.86	1.11	59.74
4.84	61.45	1.11	60.33
4.85	62.04	1.12	60.92
4.86	62.64	1.12	61.52
4.87	63.23	1.12	62.11
4.88	63.83	1.13	62.71

Existing Stormwater Analysis

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Stage-Area-Storage for Pond 5P: Pond 5

Elevation (feet)	Surface (acres)	Storage (acre-feet)	Elevation (feet)	Surface (acres)	Storage (acre-feet)
3.40	0.170	0.000	3.93	0.345	0.136
3.41	0.173	0.002	3.94	0.348	0.140
3.42	0.177	0.003	3.95	0.351	0.143
3.43	0.180	0.005	3.96	0.355	0.147
3.44	0.183	0.007	3.97	0.358	0.151
3.45	0.186	0.009	3.98	0.361	0.154
3.46	0.190	0.011	3.99	0.365	0.158
3.47	0.193	0.013	4.00	0.368	0.161
3.48	0.196	0.015	4.01	0.371	0.165
3.49	0.200	0.017	4.02	0.375	0.169
3.50	0.203	0.019	4.03	0.378	0.173
3.51	0.206	0.021	4.04	0.381	0.176
3.52	0.210	0.023	4.05	0.384	0.180
3.53	0.213	0.025	4.06	0.388	0.184
3.54	0.216	0.027	4.07	0.391	0.188
3.55	0.219	0.029	4.08	0.394	0.192
3.56	0.223	0.031	4.09	0.398	0.196
3.57	0.226	0.034	4.10	0.401	0.200
3.58	0.229	0.036	4.11	0.404	0.204
3.59	0.233	0.038	4.12	0.408	0.208
3.60	0.236	0.041	4.13	0.411	0.212
3.61	0.239	0.043	4.14	0.414	0.216
3.62	0.243	0.045	4.15	0.418	0.220
3.63	0.246	0.048	4.16	0.421	0.225
3.64	0.249	0.050	4.17	0.424	0.229
3.65	0.252	0.053	4.18	0.427	0.233
3.66	0.256	0.055	4.19	0.431	0.237
3.67	0.259	0.058	4.20	0.434	0.242
3.68	0.262	0.061	4.21	0.437	0.246
3.69	0.266	0.063	4.22	0.441	0.250
3.70	0.269	0.066	4.23	0.444	0.255
3.71	0.272	0.069	4.24	0.447	0.259
3.72	0.276	0.071	4.25	0.450	0.264
3.73	0.279	0.074	4.26	0.454	0.268
3.74	0.282	0.077	4.27	0.457	0.273
3.75	0.285	0.080	4.28	0.460	0.277
3.76	0.289	0.083	4.29	0.464	0.282
3.77	0.292	0.085	4.30	0.467	0.287
3.78	0.295	0.088	4.31	0.470	0.291
3.79	0.299	0.091	4.32	0.474	0.296
3.80	0.302	0.094	4.33	0.477	0.301
3.81	0.305	0.097	4.34	0.480	0.306
3.82	0.309	0.101	4.35	0.483	0.310
3.83	0.312	0.104	4.36	0.487	0.315
3.84	0.315	0.107	4.37	0.490	0.320
3.85	0.318	0.110	4.38	0.493	0.325
3.86	0.322	0.113	4.39	0.497	0.330
3.87	0.325	0.116	4.40	0.500	0.335
3.88	0.328	0.120	4.41	0.500	0.335
3.89	0.332	0.123	4.42	0.500	0.335
3.90	0.335	0.126	4.43	0.500	0.335
3.91	0.338	0.130	4.44	0.500	0.335
3.92	0.342	0.133	4.45	0.500	0.335

Existing Stormwater Analysis

SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Stage-Area-Storage for Pond 5P: Pond 5 (continued)

Elevation (feet)	Surface (acres)	Storage (acre-feet)
4.46	0.500	0.335
4.47	0.500	0.335
4.48	0.500	0.335
4.49	0.500	0.335
4.50	0.500	0.335
4.51	0.500	0.335
4.52	0.500	0.335
4.53	0.500	0.335
4.54	0.500	0.335
4.55	0.500	0.335
4.56	0.500	0.335
4.57	0.500	0.335
4.58	0.500	0.335
4.59	0.500	0.335
4.60	0.500	0.335
4.61	0.500	0.335
4.62	0.500	0.335
4.63	0.500	0.335
4.64	0.500	0.335
4.65	0.500	0.335
4.66	0.500	0.335
4.67	0.500	0.335
4.68	0.500	0.335
4.69	0.500	0.335
4.70	0.500	0.335
4.71	0.500	0.335
4.72	0.500	0.335
4.73	0.500	0.335
4.74	0.500	0.335
4.75	0.500	0.335
4.76	0.500	0.335
4.77	0.500	0.335
4.78	0.500	0.335
4.79	0.500	0.335
4.80	0.500	0.335
4.81	0.500	0.335
4.82	0.500	0.335
4.83	0.500	0.335
4.84	0.500	0.335
4.85	0.500	0.335
4.86	0.500	0.335
4.87	0.500	0.335
4.88	0.500	0.335

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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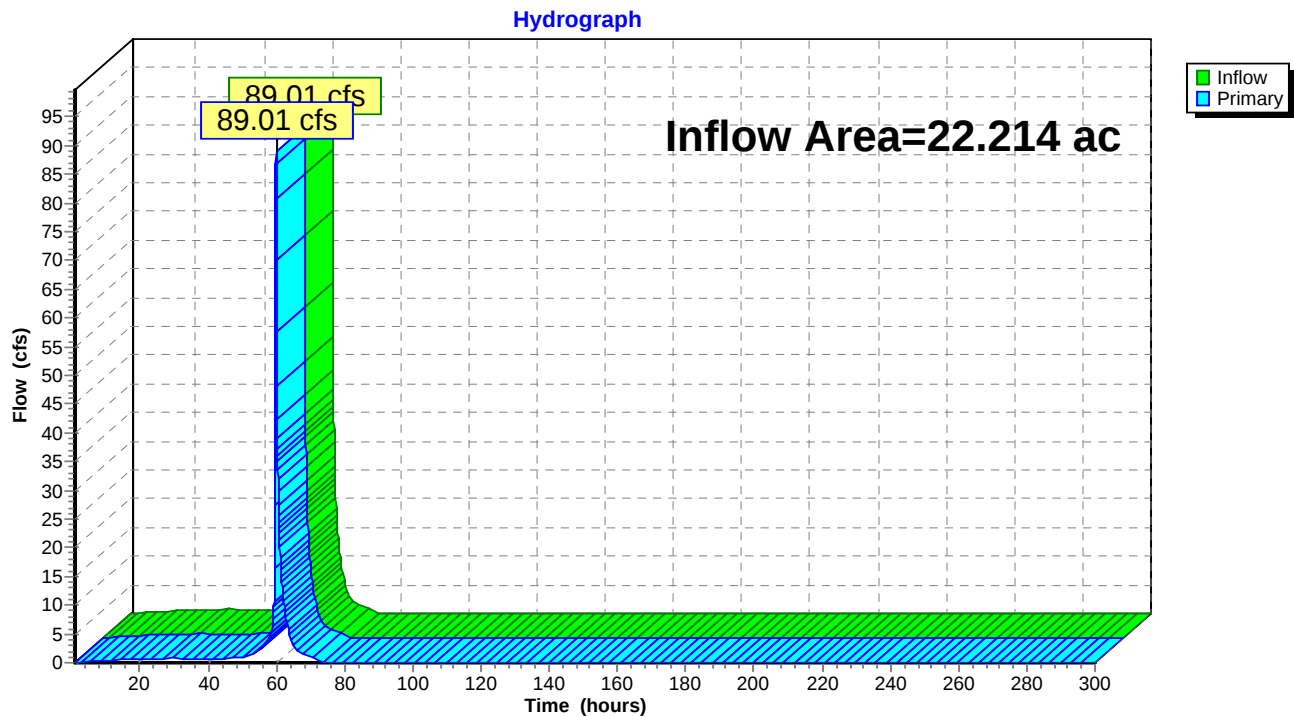
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Summary for Link 6L: Plant Cooling Water Discharge Canal

Inflow Area = 22.214 ac, 86.03% Impervious, Inflow Depth = 7.31" for 25YR-72HR event
Inflow = 89.01 cfs @ 59.95 hrs, Volume= 13.532 af
Primary = 89.01 cfs @ 59.95 hrs, Volume= 13.532 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs

Link 6L: Plant Cooling Water Discharge Canal



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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
1.00	0.00	0.00	0.00	27.50	0.73	0.00	0.73
1.50	0.00	0.00	0.00	28.00	0.75	0.00	0.75
2.00	0.05	0.00	0.05	28.50	0.76	0.00	0.76
2.50	0.10	0.00	0.10	29.00	0.78	0.00	0.78
3.00	0.15	0.00	0.15	29.50	0.79	0.00	0.79
3.50	0.19	0.00	0.19	30.00	0.80	0.00	0.80
4.00	0.22	0.00	0.22	30.50	0.74	0.00	0.74
4.50	0.25	0.00	0.25	31.00	0.74	0.00	0.74
5.00	0.28	0.00	0.28	31.50	0.74	0.00	0.74
5.50	0.30	0.00	0.30	32.00	0.74	0.00	0.74
6.00	0.32	0.00	0.32	32.50	0.74	0.00	0.74
6.50	0.34	0.00	0.34	33.00	0.75	0.00	0.75
7.00	0.35	0.00	0.35	33.50	0.75	0.00	0.75
7.50	0.36	0.00	0.36	34.00	0.75	0.00	0.75
8.00	0.38	0.00	0.38	34.50	0.75	0.00	0.75
8.50	0.39	0.00	0.39	35.00	0.75	0.00	0.75
9.00	0.40	0.00	0.40	35.50	0.75	0.00	0.75
9.50	0.40	0.00	0.40	36.00	0.75	0.00	0.75
10.00	0.41	0.00	0.41	36.50	0.75	0.00	0.75
10.50	0.42	0.00	0.42	37.00	0.75	0.00	0.75
11.00	0.43	0.00	0.43	37.50	0.75	0.00	0.75
11.50	0.43	0.00	0.43	38.00	0.75	0.00	0.75
12.00	0.44	0.00	0.44	38.50	0.75	0.00	0.75
12.50	0.44	0.00	0.44	39.00	0.75	0.00	0.75
13.00	0.45	0.00	0.45	39.50	0.75	0.00	0.75
13.50	0.45	0.00	0.45	40.00	0.75	0.00	0.75
14.00	0.46	0.00	0.46	40.50	0.75	0.00	0.75
14.50	0.46	0.00	0.46	41.00	0.75	0.00	0.75
15.00	0.46	0.00	0.46	41.50	0.76	0.00	0.76
15.50	0.47	0.00	0.47	42.00	0.76	0.00	0.76
16.00	0.47	0.00	0.47	42.50	0.76	0.00	0.76
16.50	0.47	0.00	0.47	43.00	0.76	0.00	0.76
17.00	0.47	0.00	0.47	43.50	0.76	0.00	0.76
17.50	0.48	0.00	0.48	44.00	0.76	0.00	0.76
18.00	0.48	0.00	0.48	44.50	0.76	0.00	0.76
18.50	0.48	0.00	0.48	45.00	0.76	0.00	0.76
19.00	0.48	0.00	0.48	45.50	0.76	0.00	0.76
19.50	0.49	0.00	0.49	46.00	0.76	0.00	0.76
20.00	0.49	0.00	0.49	46.50	0.76	0.00	0.76
20.50	0.49	0.00	0.49	47.00	0.76	0.00	0.76
21.00	0.49	0.00	0.49	47.50	0.76	0.00	0.76
21.50	0.49	0.00	0.49	48.00	0.76	0.00	0.76
22.00	0.49	0.00	0.49	48.50	0.86	0.00	0.86
22.50	0.49	0.00	0.49	49.00	0.86	0.00	0.86
23.00	0.50	0.00	0.50	49.50	0.87	0.00	0.87
23.50	0.50	0.00	0.50	50.00	0.88	0.00	0.88
24.00	0.50	0.00	0.50	50.50	1.01	0.00	1.01
24.50	0.65	0.00	0.65	51.00	1.06	0.00	1.06
25.00	0.66	0.00	0.66	51.50	1.12	0.00	1.12
25.50	0.68	0.00	0.68	52.00	1.17	0.00	1.17
26.00	0.69	0.00	0.69	52.50	1.45	0.00	1.45
26.50	0.71	0.00	0.71	53.00	1.60	0.00	1.60
27.00	0.72	0.00	0.72	53.50	1.74	0.00	1.74

Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
54.00	1.88	0.00	1.88	80.50	0.00	0.00	0.00
54.50	2.12	0.00	2.12	81.00	0.00	0.00	0.00
55.00	2.33	0.00	2.33	81.50	0.00	0.00	0.00
55.50	2.56	0.00	2.56	82.00	0.00	0.00	0.00
56.00	2.81	0.00	2.81	82.50	0.00	0.00	0.00
56.50	3.23	0.00	3.23	83.00	0.00	0.00	0.00
57.00	3.56	0.00	3.56	83.50	0.00	0.00	0.00
57.50	3.90	0.00	3.90	84.00	0.00	0.00	0.00
58.00	4.22	0.00	4.22	84.50	0.00	0.00	0.00
58.50	4.80	0.00	4.80	85.00	0.00	0.00	0.00
59.00	6.51	0.00	6.51	85.50	0.00	0.00	0.00
59.50	10.44	0.00	10.44	86.00	0.00	0.00	0.00
60.00	86.73	0.00	86.73	86.50	0.00	0.00	0.00
60.50	33.58	0.00	33.58	87.00	0.00	0.00	0.00
61.00	20.99	0.00	20.99	87.50	0.00	0.00	0.00
61.50	14.99	0.00	14.99	88.00	0.00	0.00	0.00
62.00	11.86	0.00	11.86	88.50	0.00	0.00	0.00
62.50	9.02	0.00	9.02	89.00	0.00	0.00	0.00
63.00	7.31	0.00	7.31	89.50	0.00	0.00	0.00
63.50	5.96	0.00	5.96	90.00	0.00	0.00	0.00
64.00	4.83	0.00	4.83	90.50	0.00	0.00	0.00
64.50	3.45	0.00	3.45	91.00	0.00	0.00	0.00
65.00	2.83	0.00	2.83	91.50	0.00	0.00	0.00
65.50	2.39	0.00	2.39	92.00	0.00	0.00	0.00
66.00	1.77	0.00	1.77	92.50	0.00	0.00	0.00
66.50	1.69	0.00	1.69	93.00	0.00	0.00	0.00
67.00	1.67	0.00	1.67	93.50	0.00	0.00	0.00
67.50	1.72	0.00	1.72	94.00	0.00	0.00	0.00
68.00	1.53	0.00	1.53	94.50	0.00	0.00	0.00
68.50	1.09	0.00	1.09	95.00	0.00	0.00	0.00
69.00	1.07	0.00	1.07	95.50	0.00	0.00	0.00
69.50	1.05	0.00	1.05	96.00	0.00	0.00	0.00
70.00	1.04	0.00	1.04	96.50	0.00	0.00	0.00
70.50	1.04	0.00	1.04	97.00	0.00	0.00	0.00
71.00	1.04	0.00	1.04	97.50	0.00	0.00	0.00
71.50	1.04	0.00	1.04	98.00	0.00	0.00	0.00
72.00	1.04	0.00	1.04	98.50	0.00	0.00	0.00
72.50	0.00	0.00	0.00	99.00	0.00	0.00	0.00
73.00	0.00	0.00	0.00	99.50	0.00	0.00	0.00
73.50	0.00	0.00	0.00	100.00	0.00	0.00	0.00
74.00	0.00	0.00	0.00	100.50	0.00	0.00	0.00
74.50	0.00	0.00	0.00	101.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	101.50	0.00	0.00	0.00
75.50	0.00	0.00	0.00	102.00	0.00	0.00	0.00
76.00	0.00	0.00	0.00	102.50	0.00	0.00	0.00
76.50	0.00	0.00	0.00	103.00	0.00	0.00	0.00
77.00	0.00	0.00	0.00	103.50	0.00	0.00	0.00
77.50	0.00	0.00	0.00	104.00	0.00	0.00	0.00
78.00	0.00	0.00	0.00	104.50	0.00	0.00	0.00
78.50	0.00	0.00	0.00	105.00	0.00	0.00	0.00
79.00	0.00	0.00	0.00	105.50	0.00	0.00	0.00
79.50	0.00	0.00	0.00	106.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	106.50	0.00	0.00	0.00

Existing Stormwater Analysis

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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
107.00	0.00	0.00	0.00	133.50	0.00	0.00	0.00
107.50	0.00	0.00	0.00	134.00	0.00	0.00	0.00
108.00	0.00	0.00	0.00	134.50	0.00	0.00	0.00
108.50	0.00	0.00	0.00	135.00	0.00	0.00	0.00
109.00	0.00	0.00	0.00	135.50	0.00	0.00	0.00
109.50	0.00	0.00	0.00	136.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	136.50	0.00	0.00	0.00
110.50	0.00	0.00	0.00	137.00	0.00	0.00	0.00
111.00	0.00	0.00	0.00	137.50	0.00	0.00	0.00
111.50	0.00	0.00	0.00	138.00	0.00	0.00	0.00
112.00	0.00	0.00	0.00	138.50	0.00	0.00	0.00
112.50	0.00	0.00	0.00	139.00	0.00	0.00	0.00
113.00	0.00	0.00	0.00	139.50	0.00	0.00	0.00
113.50	0.00	0.00	0.00	140.00	0.00	0.00	0.00
114.00	0.00	0.00	0.00	140.50	0.00	0.00	0.00
114.50	0.00	0.00	0.00	141.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	141.50	0.00	0.00	0.00
115.50	0.00	0.00	0.00	142.00	0.00	0.00	0.00
116.00	0.00	0.00	0.00	142.50	0.00	0.00	0.00
116.50	0.00	0.00	0.00	143.00	0.00	0.00	0.00
117.00	0.00	0.00	0.00	143.50	0.00	0.00	0.00
117.50	0.00	0.00	0.00	144.00	0.00	0.00	0.00
118.00	0.00	0.00	0.00	144.50	0.00	0.00	0.00
118.50	0.00	0.00	0.00	145.00	0.00	0.00	0.00
119.00	0.00	0.00	0.00	145.50	0.00	0.00	0.00
119.50	0.00	0.00	0.00	146.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	146.50	0.00	0.00	0.00
120.50	0.00	0.00	0.00	147.00	0.00	0.00	0.00
121.00	0.00	0.00	0.00	147.50	0.00	0.00	0.00
121.50	0.00	0.00	0.00	148.00	0.00	0.00	0.00
122.00	0.00	0.00	0.00	148.50	0.00	0.00	0.00
122.50	0.00	0.00	0.00	149.00	0.00	0.00	0.00
123.00	0.00	0.00	0.00	149.50	0.00	0.00	0.00
123.50	0.00	0.00	0.00	150.00	0.00	0.00	0.00
124.00	0.00	0.00	0.00	150.50	0.00	0.00	0.00
124.50	0.00	0.00	0.00	151.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	151.50	0.00	0.00	0.00
125.50	0.00	0.00	0.00	152.00	0.00	0.00	0.00
126.00	0.00	0.00	0.00	152.50	0.00	0.00	0.00
126.50	0.00	0.00	0.00	153.00	0.00	0.00	0.00
127.00	0.00	0.00	0.00	153.50	0.00	0.00	0.00
127.50	0.00	0.00	0.00	154.00	0.00	0.00	0.00
128.00	0.00	0.00	0.00	154.50	0.00	0.00	0.00
128.50	0.00	0.00	0.00	155.00	0.00	0.00	0.00
129.00	0.00	0.00	0.00	155.50	0.00	0.00	0.00
129.50	0.00	0.00	0.00	156.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	156.50	0.00	0.00	0.00
130.50	0.00	0.00	0.00	157.00	0.00	0.00	0.00
131.00	0.00	0.00	0.00	157.50	0.00	0.00	0.00
131.50	0.00	0.00	0.00	158.00	0.00	0.00	0.00
132.00	0.00	0.00	0.00	158.50	0.00	0.00	0.00
132.50	0.00	0.00	0.00	159.00	0.00	0.00	0.00
133.00	0.00	0.00	0.00	159.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Printed 6/2/2017

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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
160.00	0.00	0.00	0.00	186.50	0.00	0.00	0.00
160.50	0.00	0.00	0.00	187.00	0.00	0.00	0.00
161.00	0.00	0.00	0.00	187.50	0.00	0.00	0.00
161.50	0.00	0.00	0.00	188.00	0.00	0.00	0.00
162.00	0.00	0.00	0.00	188.50	0.00	0.00	0.00
162.50	0.00	0.00	0.00	189.00	0.00	0.00	0.00
163.00	0.00	0.00	0.00	189.50	0.00	0.00	0.00
163.50	0.00	0.00	0.00	190.00	0.00	0.00	0.00
164.00	0.00	0.00	0.00	190.50	0.00	0.00	0.00
164.50	0.00	0.00	0.00	191.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	191.50	0.00	0.00	0.00
165.50	0.00	0.00	0.00	192.00	0.00	0.00	0.00
166.00	0.00	0.00	0.00	192.50	0.00	0.00	0.00
166.50	0.00	0.00	0.00	193.00	0.00	0.00	0.00
167.00	0.00	0.00	0.00	193.50	0.00	0.00	0.00
167.50	0.00	0.00	0.00	194.00	0.00	0.00	0.00
168.00	0.00	0.00	0.00	194.50	0.00	0.00	0.00
168.50	0.00	0.00	0.00	195.00	0.00	0.00	0.00
169.00	0.00	0.00	0.00	195.50	0.00	0.00	0.00
169.50	0.00	0.00	0.00	196.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	196.50	0.00	0.00	0.00
170.50	0.00	0.00	0.00	197.00	0.00	0.00	0.00
171.00	0.00	0.00	0.00	197.50	0.00	0.00	0.00
171.50	0.00	0.00	0.00	198.00	0.00	0.00	0.00
172.00	0.00	0.00	0.00	198.50	0.00	0.00	0.00
172.50	0.00	0.00	0.00	199.00	0.00	0.00	0.00
173.00	0.00	0.00	0.00	199.50	0.00	0.00	0.00
173.50	0.00	0.00	0.00	200.00	0.00	0.00	0.00
174.00	0.00	0.00	0.00	200.50	0.00	0.00	0.00
174.50	0.00	0.00	0.00	201.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	201.50	0.00	0.00	0.00
175.50	0.00	0.00	0.00	202.00	0.00	0.00	0.00
176.00	0.00	0.00	0.00	202.50	0.00	0.00	0.00
176.50	0.00	0.00	0.00	203.00	0.00	0.00	0.00
177.00	0.00	0.00	0.00	203.50	0.00	0.00	0.00
177.50	0.00	0.00	0.00	204.00	0.00	0.00	0.00
178.00	0.00	0.00	0.00	204.50	0.00	0.00	0.00
178.50	0.00	0.00	0.00	205.00	0.00	0.00	0.00
179.00	0.00	0.00	0.00	205.50	0.00	0.00	0.00
179.50	0.00	0.00	0.00	206.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	206.50	0.00	0.00	0.00
180.50	0.00	0.00	0.00	207.00	0.00	0.00	0.00
181.00	0.00	0.00	0.00	207.50	0.00	0.00	0.00
181.50	0.00	0.00	0.00	208.00	0.00	0.00	0.00
182.00	0.00	0.00	0.00	208.50	0.00	0.00	0.00
182.50	0.00	0.00	0.00	209.00	0.00	0.00	0.00
183.00	0.00	0.00	0.00	209.50	0.00	0.00	0.00
183.50	0.00	0.00	0.00	210.00	0.00	0.00	0.00
184.00	0.00	0.00	0.00	210.50	0.00	0.00	0.00
184.50	0.00	0.00	0.00	211.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	211.50	0.00	0.00	0.00
185.50	0.00	0.00	0.00	212.00	0.00	0.00	0.00
186.00	0.00	0.00	0.00	212.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	0.00	0.00	239.50	0.00	0.00	0.00
213.50	0.00	0.00	0.00	240.00	0.00	0.00	0.00
214.00	0.00	0.00	0.00	240.50	0.00	0.00	0.00
214.50	0.00	0.00	0.00	241.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	241.50	0.00	0.00	0.00
215.50	0.00	0.00	0.00	242.00	0.00	0.00	0.00
216.00	0.00	0.00	0.00	242.50	0.00	0.00	0.00
216.50	0.00	0.00	0.00	243.00	0.00	0.00	0.00
217.00	0.00	0.00	0.00	243.50	0.00	0.00	0.00
217.50	0.00	0.00	0.00	244.00	0.00	0.00	0.00
218.00	0.00	0.00	0.00	244.50	0.00	0.00	0.00
218.50	0.00	0.00	0.00	245.00	0.00	0.00	0.00
219.00	0.00	0.00	0.00	245.50	0.00	0.00	0.00
219.50	0.00	0.00	0.00	246.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	246.50	0.00	0.00	0.00
220.50	0.00	0.00	0.00	247.00	0.00	0.00	0.00
221.00	0.00	0.00	0.00	247.50	0.00	0.00	0.00
221.50	0.00	0.00	0.00	248.00	0.00	0.00	0.00
222.00	0.00	0.00	0.00	248.50	0.00	0.00	0.00
222.50	0.00	0.00	0.00	249.00	0.00	0.00	0.00
223.00	0.00	0.00	0.00	249.50	0.00	0.00	0.00
223.50	0.00	0.00	0.00	250.00	0.00	0.00	0.00
224.00	0.00	0.00	0.00	250.50	0.00	0.00	0.00
224.50	0.00	0.00	0.00	251.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	251.50	0.00	0.00	0.00
225.50	0.00	0.00	0.00	252.00	0.00	0.00	0.00
226.00	0.00	0.00	0.00	252.50	0.00	0.00	0.00
226.50	0.00	0.00	0.00	253.00	0.00	0.00	0.00
227.00	0.00	0.00	0.00	253.50	0.00	0.00	0.00
227.50	0.00	0.00	0.00	254.00	0.00	0.00	0.00
228.00	0.00	0.00	0.00	254.50	0.00	0.00	0.00
228.50	0.00	0.00	0.00	255.00	0.00	0.00	0.00
229.00	0.00	0.00	0.00	255.50	0.00	0.00	0.00
229.50	0.00	0.00	0.00	256.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	256.50	0.00	0.00	0.00
230.50	0.00	0.00	0.00	257.00	0.00	0.00	0.00
231.00	0.00	0.00	0.00	257.50	0.00	0.00	0.00
231.50	0.00	0.00	0.00	258.00	0.00	0.00	0.00
232.00	0.00	0.00	0.00	258.50	0.00	0.00	0.00
232.50	0.00	0.00	0.00	259.00	0.00	0.00	0.00
233.00	0.00	0.00	0.00	259.50	0.00	0.00	0.00
233.50	0.00	0.00	0.00	260.00	0.00	0.00	0.00
234.00	0.00	0.00	0.00	260.50	0.00	0.00	0.00
234.50	0.00	0.00	0.00	261.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	261.50	0.00	0.00	0.00
235.50	0.00	0.00	0.00	262.00	0.00	0.00	0.00
236.00	0.00	0.00	0.00	262.50	0.00	0.00	0.00
236.50	0.00	0.00	0.00	263.00	0.00	0.00	0.00
237.00	0.00	0.00	0.00	263.50	0.00	0.00	0.00
237.50	0.00	0.00	0.00	264.00	0.00	0.00	0.00
238.00	0.00	0.00	0.00	264.50	0.00	0.00	0.00
238.50	0.00	0.00	0.00	265.00	0.00	0.00	0.00
239.00	0.00	0.00	0.00	265.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Printed 6/2/2017

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Hydrograph for Link 6L: Plant Cooling Water Discharge Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
266.00	0.00	0.00	0.00	292.50	0.00	0.00	0.00
266.50	0.00	0.00	0.00	293.00	0.00	0.00	0.00
267.00	0.00	0.00	0.00	293.50	0.00	0.00	0.00
267.50	0.00	0.00	0.00	294.00	0.00	0.00	0.00
268.00	0.00	0.00	0.00	294.50	0.00	0.00	0.00
268.50	0.00	0.00	0.00	295.00	0.00	0.00	0.00
269.00	0.00	0.00	0.00	295.50	0.00	0.00	0.00
269.50	0.00	0.00	0.00	296.00	0.00	0.00	0.00
270.00	0.00	0.00	0.00	296.50	0.00	0.00	0.00
270.50	0.00	0.00	0.00	297.00	0.00	0.00	0.00
271.00	0.00	0.00	0.00	297.50	0.00	0.00	0.00
271.50	0.00	0.00	0.00	298.00	0.00	0.00	0.00
272.00	0.00	0.00	0.00	298.50	0.00	0.00	0.00
272.50	0.00	0.00	0.00	299.00	0.00	0.00	0.00
273.00	0.00	0.00	0.00	299.50	0.00	0.00	0.00
273.50	0.00	0.00	0.00	300.00	0.00	0.00	0.00
274.00	0.00	0.00	0.00				
274.50	0.00	0.00	0.00				
275.00	0.00	0.00	0.00				
275.50	0.00	0.00	0.00				
276.00	0.00	0.00	0.00				
276.50	0.00	0.00	0.00				
277.00	0.00	0.00	0.00				
277.50	0.00	0.00	0.00				
278.00	0.00	0.00	0.00				
278.50	0.00	0.00	0.00				
279.00	0.00	0.00	0.00				
279.50	0.00	0.00	0.00				
280.00	0.00	0.00	0.00				
280.50	0.00	0.00	0.00				
281.00	0.00	0.00	0.00				
281.50	0.00	0.00	0.00				
282.00	0.00	0.00	0.00				
282.50	0.00	0.00	0.00				
283.00	0.00	0.00	0.00				
283.50	0.00	0.00	0.00				
284.00	0.00	0.00	0.00				
284.50	0.00	0.00	0.00				
285.00	0.00	0.00	0.00				
285.50	0.00	0.00	0.00				
286.00	0.00	0.00	0.00				
286.50	0.00	0.00	0.00				
287.00	0.00	0.00	0.00				
287.50	0.00	0.00	0.00				
288.00	0.00	0.00	0.00				
288.50	0.00	0.00	0.00				
289.00	0.00	0.00	0.00				
289.50	0.00	0.00	0.00				
290.00	0.00	0.00	0.00				
290.50	0.00	0.00	0.00				
291.00	0.00	0.00	0.00				
291.50	0.00	0.00	0.00				
292.00	0.00	0.00	0.00				

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Printed 6/2/2017

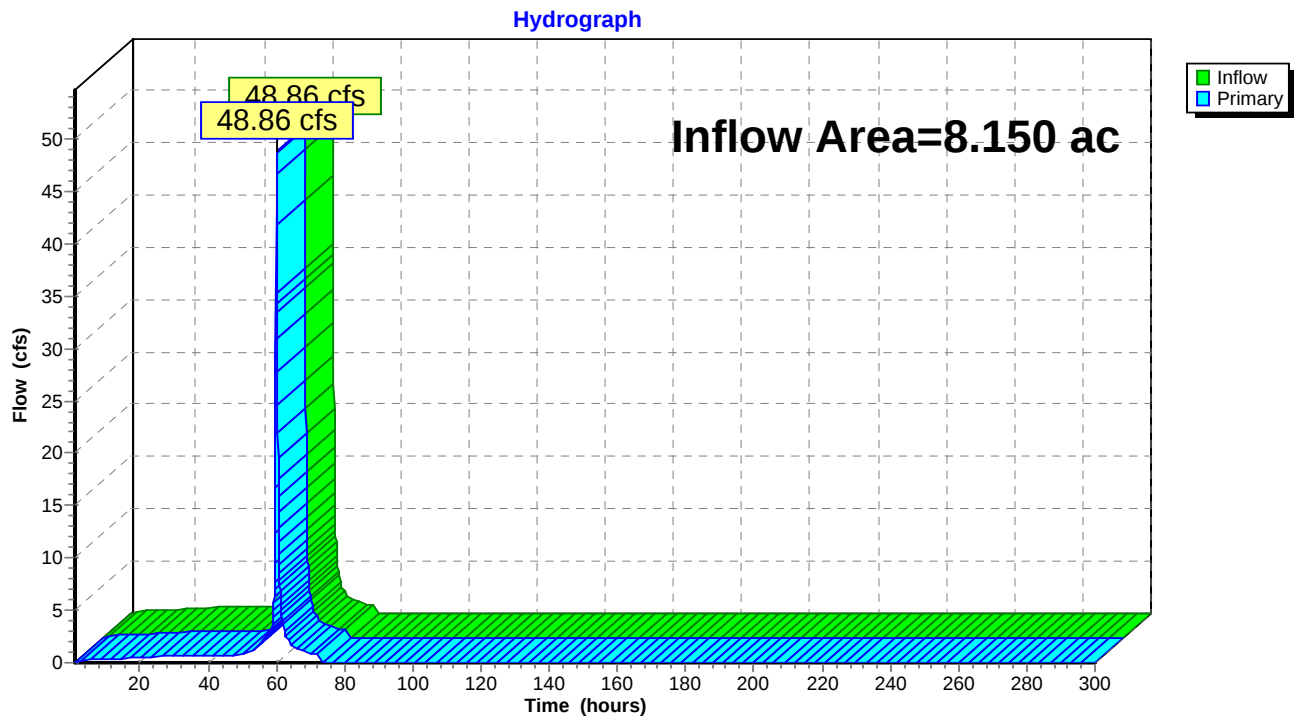
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Summary for Link 7L: Dania Cutoff Canal

Inflow Area = 8.150 ac, 100.00% Impervious, Inflow Depth > 11.89" for 25YR-72HR event
Inflow = 48.86 cfs @ 60.04 hrs, Volume= 8.073 af
Primary = 48.86 cfs @ 60.04 hrs, Volume= 8.073 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 1.00-300.00 hrs, dt= 0.05 hrs

Link 7L: Dania Cutoff Canal



Existing Stormwater Analysis

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

Printed 6/2/2017

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Hydrograph for Link 7L: Dania Cutoff Canal

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
1.00	0.01	0.00	0.01	27.50	0.62	0.00	0.62
1.50	0.10	0.00	0.10	28.00	0.63	0.00	0.63
2.00	0.18	0.00	0.18	28.50	0.64	0.00	0.64
2.50	0.23	0.00	0.23	29.00	0.65	0.00	0.65
3.00	0.26	0.00	0.26	29.50	0.66	0.00	0.66
3.50	0.29	0.00	0.29	30.00	0.67	0.00	0.67
4.00	0.31	0.00	0.31	30.50	0.67	0.00	0.67
4.50	0.33	0.00	0.33	31.00	0.62	0.00	0.62
5.00	0.34	0.00	0.34	31.50	0.62	0.00	0.62
5.50	0.36	0.00	0.36	32.00	0.62	0.00	0.62
6.00	0.36	0.00	0.36	32.50	0.62	0.00	0.62
6.50	0.37	0.00	0.37	33.00	0.62	0.00	0.62
7.00	0.38	0.00	0.38	33.50	0.62	0.00	0.62
7.50	0.38	0.00	0.38	34.00	0.62	0.00	0.62
8.00	0.39	0.00	0.39	34.50	0.62	0.00	0.62
8.50	0.39	0.00	0.39	35.00	0.62	0.00	0.62
9.00	0.40	0.00	0.40	35.50	0.62	0.00	0.62
9.50	0.40	0.00	0.40	36.00	0.62	0.00	0.62
10.00	0.40	0.00	0.40	36.50	0.63	0.00	0.63
10.50	0.41	0.00	0.41	37.00	0.63	0.00	0.63
11.00	0.41	0.00	0.41	37.50	0.63	0.00	0.63
11.50	0.41	0.00	0.41	38.00	0.63	0.00	0.63
12.00	0.41	0.00	0.41	38.50	0.63	0.00	0.63
12.50	0.41	0.00	0.41	39.00	0.63	0.00	0.63
13.00	0.41	0.00	0.41	39.50	0.63	0.00	0.63
13.50	0.42	0.00	0.42	40.00	0.63	0.00	0.63
14.00	0.42	0.00	0.42	40.50	0.63	0.00	0.63
14.50	0.42	0.00	0.42	41.00	0.63	0.00	0.63
15.00	0.42	0.00	0.42	41.50	0.63	0.00	0.63
15.50	0.42	0.00	0.42	42.00	0.63	0.00	0.63
16.00	0.42	0.00	0.42	42.50	0.63	0.00	0.63
16.50	0.42	0.00	0.42	43.00	0.63	0.00	0.63
17.00	0.42	0.00	0.42	43.50	0.63	0.00	0.63
17.50	0.42	0.00	0.42	44.00	0.63	0.00	0.63
18.00	0.42	0.00	0.42	44.50	0.63	0.00	0.63
18.50	0.42	0.00	0.42	45.00	0.63	0.00	0.63
19.00	0.42	0.00	0.42	45.50	0.63	0.00	0.63
19.50	0.42	0.00	0.42	46.00	0.63	0.00	0.63
20.00	0.43	0.00	0.43	46.50	0.63	0.00	0.63
20.50	0.43	0.00	0.43	47.00	0.63	0.00	0.63
21.00	0.43	0.00	0.43	47.50	0.63	0.00	0.63
21.50	0.43	0.00	0.43	48.00	0.63	0.00	0.63
22.00	0.43	0.00	0.43	48.50	0.74	0.00	0.74
22.50	0.43	0.00	0.43	49.00	0.71	0.00	0.71
23.00	0.43	0.00	0.43	49.50	0.71	0.00	0.71
23.50	0.43	0.00	0.43	50.00	0.72	0.00	0.72
24.00	0.43	0.00	0.43	50.50	0.82	0.00	0.82
24.50	0.52	0.00	0.52	51.00	0.86	0.00	0.86
25.00	0.56	0.00	0.56	51.50	0.90	0.00	0.90
25.50	0.58	0.00	0.58	52.00	0.95	0.00	0.95
26.00	0.59	0.00	0.59	52.50	1.14	0.00	1.14
26.50	0.60	0.00	0.60	53.00	1.27	0.00	1.27
27.00	0.61	0.00	0.61	53.50	1.39	0.00	1.39

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 7L: Dania Cutoff Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
54.00	1.51	0.00	1.51	80.50	0.00	0.00	0.00
54.50	1.68	0.00	1.68	81.00	0.00	0.00	0.00
55.00	1.83	0.00	1.83	81.50	0.00	0.00	0.00
55.50	1.95	0.00	1.95	82.00	0.00	0.00	0.00
56.00	2.10	0.00	2.10	82.50	0.00	0.00	0.00
56.50	2.33	0.00	2.33	83.00	0.00	0.00	0.00
57.00	2.60	0.00	2.60	83.50	0.00	0.00	0.00
57.50	2.82	0.00	2.82	84.00	0.00	0.00	0.00
58.00	3.03	0.00	3.03	84.50	0.00	0.00	0.00
58.50	3.38	0.00	3.38	85.00	0.00	0.00	0.00
59.00	4.31	0.00	4.31	85.50	0.00	0.00	0.00
59.50	6.88	0.00	6.88	86.00	0.00	0.00	0.00
60.00	48.02	0.00	48.02	86.50	0.00	0.00	0.00
60.50	21.84	0.00	21.84	87.00	0.00	0.00	0.00
61.00	7.91	0.00	7.91	87.50	0.00	0.00	0.00
61.50	4.75	0.00	4.75	88.00	0.00	0.00	0.00
62.00	3.78	0.00	3.78	88.50	0.00	0.00	0.00
62.50	2.91	0.00	2.91	89.00	0.00	0.00	0.00
63.00	2.48	0.00	2.48	89.50	0.00	0.00	0.00
63.50	2.22	0.00	2.22	90.00	0.00	0.00	0.00
64.00	1.97	0.00	1.97	90.50	0.00	0.00	0.00
64.50	1.34	0.00	1.34	91.00	0.00	0.00	0.00
65.00	1.28	0.00	1.28	91.50	0.00	0.00	0.00
65.50	1.28	0.00	1.28	92.00	0.00	0.00	0.00
66.00	1.28	0.00	1.28	92.50	0.00	0.00	0.00
66.50	1.28	0.00	1.28	93.00	0.00	0.00	0.00
67.00	1.28	0.00	1.28	93.50	0.00	0.00	0.00
67.50	1.36	0.00	1.36	94.00	0.00	0.00	0.00
68.00	1.23	0.00	1.23	94.50	0.00	0.00	0.00
68.50	0.89	0.00	0.89	95.00	0.00	0.00	0.00
69.00	0.85	0.00	0.85	95.50	0.00	0.00	0.00
69.50	0.85	0.00	0.85	96.00	0.00	0.00	0.00
70.00	0.85	0.00	0.85	96.50	0.00	0.00	0.00
70.50	0.85	0.00	0.85	97.00	0.00	0.00	0.00
71.00	0.85	0.00	0.85	97.50	0.00	0.00	0.00
71.50	0.85	0.00	0.85	98.00	0.00	0.00	0.00
72.00	0.85	0.00	0.85	98.50	0.00	0.00	0.00
72.50	0.11	0.00	0.11	99.00	0.00	0.00	0.00
73.00	0.00	0.00	0.00	99.50	0.00	0.00	0.00
73.50	0.00	0.00	0.00	100.00	0.00	0.00	0.00
74.00	0.00	0.00	0.00	100.50	0.00	0.00	0.00
74.50	0.00	0.00	0.00	101.00	0.00	0.00	0.00
75.00	0.00	0.00	0.00	101.50	0.00	0.00	0.00
75.50	0.00	0.00	0.00	102.00	0.00	0.00	0.00
76.00	0.00	0.00	0.00	102.50	0.00	0.00	0.00
76.50	0.00	0.00	0.00	103.00	0.00	0.00	0.00
77.00	0.00	0.00	0.00	103.50	0.00	0.00	0.00
77.50	0.00	0.00	0.00	104.00	0.00	0.00	0.00
78.00	0.00	0.00	0.00	104.50	0.00	0.00	0.00
78.50	0.00	0.00	0.00	105.00	0.00	0.00	0.00
79.00	0.00	0.00	0.00	105.50	0.00	0.00	0.00
79.50	0.00	0.00	0.00	106.00	0.00	0.00	0.00
80.00	0.00	0.00	0.00	106.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 7L: Dania Cutoff Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
107.00	0.00	0.00	0.00	133.50	0.00	0.00	0.00
107.50	0.00	0.00	0.00	134.00	0.00	0.00	0.00
108.00	0.00	0.00	0.00	134.50	0.00	0.00	0.00
108.50	0.00	0.00	0.00	135.00	0.00	0.00	0.00
109.00	0.00	0.00	0.00	135.50	0.00	0.00	0.00
109.50	0.00	0.00	0.00	136.00	0.00	0.00	0.00
110.00	0.00	0.00	0.00	136.50	0.00	0.00	0.00
110.50	0.00	0.00	0.00	137.00	0.00	0.00	0.00
111.00	0.00	0.00	0.00	137.50	0.00	0.00	0.00
111.50	0.00	0.00	0.00	138.00	0.00	0.00	0.00
112.00	0.00	0.00	0.00	138.50	0.00	0.00	0.00
112.50	0.00	0.00	0.00	139.00	0.00	0.00	0.00
113.00	0.00	0.00	0.00	139.50	0.00	0.00	0.00
113.50	0.00	0.00	0.00	140.00	0.00	0.00	0.00
114.00	0.00	0.00	0.00	140.50	0.00	0.00	0.00
114.50	0.00	0.00	0.00	141.00	0.00	0.00	0.00
115.00	0.00	0.00	0.00	141.50	0.00	0.00	0.00
115.50	0.00	0.00	0.00	142.00	0.00	0.00	0.00
116.00	0.00	0.00	0.00	142.50	0.00	0.00	0.00
116.50	0.00	0.00	0.00	143.00	0.00	0.00	0.00
117.00	0.00	0.00	0.00	143.50	0.00	0.00	0.00
117.50	0.00	0.00	0.00	144.00	0.00	0.00	0.00
118.00	0.00	0.00	0.00	144.50	0.00	0.00	0.00
118.50	0.00	0.00	0.00	145.00	0.00	0.00	0.00
119.00	0.00	0.00	0.00	145.50	0.00	0.00	0.00
119.50	0.00	0.00	0.00	146.00	0.00	0.00	0.00
120.00	0.00	0.00	0.00	146.50	0.00	0.00	0.00
120.50	0.00	0.00	0.00	147.00	0.00	0.00	0.00
121.00	0.00	0.00	0.00	147.50	0.00	0.00	0.00
121.50	0.00	0.00	0.00	148.00	0.00	0.00	0.00
122.00	0.00	0.00	0.00	148.50	0.00	0.00	0.00
122.50	0.00	0.00	0.00	149.00	0.00	0.00	0.00
123.00	0.00	0.00	0.00	149.50	0.00	0.00	0.00
123.50	0.00	0.00	0.00	150.00	0.00	0.00	0.00
124.00	0.00	0.00	0.00	150.50	0.00	0.00	0.00
124.50	0.00	0.00	0.00	151.00	0.00	0.00	0.00
125.00	0.00	0.00	0.00	151.50	0.00	0.00	0.00
125.50	0.00	0.00	0.00	152.00	0.00	0.00	0.00
126.00	0.00	0.00	0.00	152.50	0.00	0.00	0.00
126.50	0.00	0.00	0.00	153.00	0.00	0.00	0.00
127.00	0.00	0.00	0.00	153.50	0.00	0.00	0.00
127.50	0.00	0.00	0.00	154.00	0.00	0.00	0.00
128.00	0.00	0.00	0.00	154.50	0.00	0.00	0.00
128.50	0.00	0.00	0.00	155.00	0.00	0.00	0.00
129.00	0.00	0.00	0.00	155.50	0.00	0.00	0.00
129.50	0.00	0.00	0.00	156.00	0.00	0.00	0.00
130.00	0.00	0.00	0.00	156.50	0.00	0.00	0.00
130.50	0.00	0.00	0.00	157.00	0.00	0.00	0.00
131.00	0.00	0.00	0.00	157.50	0.00	0.00	0.00
131.50	0.00	0.00	0.00	158.00	0.00	0.00	0.00
132.00	0.00	0.00	0.00	158.50	0.00	0.00	0.00
132.50	0.00	0.00	0.00	159.00	0.00	0.00	0.00
133.00	0.00	0.00	0.00	159.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 7L: Dania Cutoff Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
160.00	0.00	0.00	0.00	186.50	0.00	0.00	0.00
160.50	0.00	0.00	0.00	187.00	0.00	0.00	0.00
161.00	0.00	0.00	0.00	187.50	0.00	0.00	0.00
161.50	0.00	0.00	0.00	188.00	0.00	0.00	0.00
162.00	0.00	0.00	0.00	188.50	0.00	0.00	0.00
162.50	0.00	0.00	0.00	189.00	0.00	0.00	0.00
163.00	0.00	0.00	0.00	189.50	0.00	0.00	0.00
163.50	0.00	0.00	0.00	190.00	0.00	0.00	0.00
164.00	0.00	0.00	0.00	190.50	0.00	0.00	0.00
164.50	0.00	0.00	0.00	191.00	0.00	0.00	0.00
165.00	0.00	0.00	0.00	191.50	0.00	0.00	0.00
165.50	0.00	0.00	0.00	192.00	0.00	0.00	0.00
166.00	0.00	0.00	0.00	192.50	0.00	0.00	0.00
166.50	0.00	0.00	0.00	193.00	0.00	0.00	0.00
167.00	0.00	0.00	0.00	193.50	0.00	0.00	0.00
167.50	0.00	0.00	0.00	194.00	0.00	0.00	0.00
168.00	0.00	0.00	0.00	194.50	0.00	0.00	0.00
168.50	0.00	0.00	0.00	195.00	0.00	0.00	0.00
169.00	0.00	0.00	0.00	195.50	0.00	0.00	0.00
169.50	0.00	0.00	0.00	196.00	0.00	0.00	0.00
170.00	0.00	0.00	0.00	196.50	0.00	0.00	0.00
170.50	0.00	0.00	0.00	197.00	0.00	0.00	0.00
171.00	0.00	0.00	0.00	197.50	0.00	0.00	0.00
171.50	0.00	0.00	0.00	198.00	0.00	0.00	0.00
172.00	0.00	0.00	0.00	198.50	0.00	0.00	0.00
172.50	0.00	0.00	0.00	199.00	0.00	0.00	0.00
173.00	0.00	0.00	0.00	199.50	0.00	0.00	0.00
173.50	0.00	0.00	0.00	200.00	0.00	0.00	0.00
174.00	0.00	0.00	0.00	200.50	0.00	0.00	0.00
174.50	0.00	0.00	0.00	201.00	0.00	0.00	0.00
175.00	0.00	0.00	0.00	201.50	0.00	0.00	0.00
175.50	0.00	0.00	0.00	202.00	0.00	0.00	0.00
176.00	0.00	0.00	0.00	202.50	0.00	0.00	0.00
176.50	0.00	0.00	0.00	203.00	0.00	0.00	0.00
177.00	0.00	0.00	0.00	203.50	0.00	0.00	0.00
177.50	0.00	0.00	0.00	204.00	0.00	0.00	0.00
178.00	0.00	0.00	0.00	204.50	0.00	0.00	0.00
178.50	0.00	0.00	0.00	205.00	0.00	0.00	0.00
179.00	0.00	0.00	0.00	205.50	0.00	0.00	0.00
179.50	0.00	0.00	0.00	206.00	0.00	0.00	0.00
180.00	0.00	0.00	0.00	206.50	0.00	0.00	0.00
180.50	0.00	0.00	0.00	207.00	0.00	0.00	0.00
181.00	0.00	0.00	0.00	207.50	0.00	0.00	0.00
181.50	0.00	0.00	0.00	208.00	0.00	0.00	0.00
182.00	0.00	0.00	0.00	208.50	0.00	0.00	0.00
182.50	0.00	0.00	0.00	209.00	0.00	0.00	0.00
183.00	0.00	0.00	0.00	209.50	0.00	0.00	0.00
183.50	0.00	0.00	0.00	210.00	0.00	0.00	0.00
184.00	0.00	0.00	0.00	210.50	0.00	0.00	0.00
184.50	0.00	0.00	0.00	211.00	0.00	0.00	0.00
185.00	0.00	0.00	0.00	211.50	0.00	0.00	0.00
185.50	0.00	0.00	0.00	212.00	0.00	0.00	0.00
186.00	0.00	0.00	0.00	212.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 7L: Dania Cutoff Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
213.00	0.00	0.00	0.00	239.50	0.00	0.00	0.00
213.50	0.00	0.00	0.00	240.00	0.00	0.00	0.00
214.00	0.00	0.00	0.00	240.50	0.00	0.00	0.00
214.50	0.00	0.00	0.00	241.00	0.00	0.00	0.00
215.00	0.00	0.00	0.00	241.50	0.00	0.00	0.00
215.50	0.00	0.00	0.00	242.00	0.00	0.00	0.00
216.00	0.00	0.00	0.00	242.50	0.00	0.00	0.00
216.50	0.00	0.00	0.00	243.00	0.00	0.00	0.00
217.00	0.00	0.00	0.00	243.50	0.00	0.00	0.00
217.50	0.00	0.00	0.00	244.00	0.00	0.00	0.00
218.00	0.00	0.00	0.00	244.50	0.00	0.00	0.00
218.50	0.00	0.00	0.00	245.00	0.00	0.00	0.00
219.00	0.00	0.00	0.00	245.50	0.00	0.00	0.00
219.50	0.00	0.00	0.00	246.00	0.00	0.00	0.00
220.00	0.00	0.00	0.00	246.50	0.00	0.00	0.00
220.50	0.00	0.00	0.00	247.00	0.00	0.00	0.00
221.00	0.00	0.00	0.00	247.50	0.00	0.00	0.00
221.50	0.00	0.00	0.00	248.00	0.00	0.00	0.00
222.00	0.00	0.00	0.00	248.50	0.00	0.00	0.00
222.50	0.00	0.00	0.00	249.00	0.00	0.00	0.00
223.00	0.00	0.00	0.00	249.50	0.00	0.00	0.00
223.50	0.00	0.00	0.00	250.00	0.00	0.00	0.00
224.00	0.00	0.00	0.00	250.50	0.00	0.00	0.00
224.50	0.00	0.00	0.00	251.00	0.00	0.00	0.00
225.00	0.00	0.00	0.00	251.50	0.00	0.00	0.00
225.50	0.00	0.00	0.00	252.00	0.00	0.00	0.00
226.00	0.00	0.00	0.00	252.50	0.00	0.00	0.00
226.50	0.00	0.00	0.00	253.00	0.00	0.00	0.00
227.00	0.00	0.00	0.00	253.50	0.00	0.00	0.00
227.50	0.00	0.00	0.00	254.00	0.00	0.00	0.00
228.00	0.00	0.00	0.00	254.50	0.00	0.00	0.00
228.50	0.00	0.00	0.00	255.00	0.00	0.00	0.00
229.00	0.00	0.00	0.00	255.50	0.00	0.00	0.00
229.50	0.00	0.00	0.00	256.00	0.00	0.00	0.00
230.00	0.00	0.00	0.00	256.50	0.00	0.00	0.00
230.50	0.00	0.00	0.00	257.00	0.00	0.00	0.00
231.00	0.00	0.00	0.00	257.50	0.00	0.00	0.00
231.50	0.00	0.00	0.00	258.00	0.00	0.00	0.00
232.00	0.00	0.00	0.00	258.50	0.00	0.00	0.00
232.50	0.00	0.00	0.00	259.00	0.00	0.00	0.00
233.00	0.00	0.00	0.00	259.50	0.00	0.00	0.00
233.50	0.00	0.00	0.00	260.00	0.00	0.00	0.00
234.00	0.00	0.00	0.00	260.50	0.00	0.00	0.00
234.50	0.00	0.00	0.00	261.00	0.00	0.00	0.00
235.00	0.00	0.00	0.00	261.50	0.00	0.00	0.00
235.50	0.00	0.00	0.00	262.00	0.00	0.00	0.00
236.00	0.00	0.00	0.00	262.50	0.00	0.00	0.00
236.50	0.00	0.00	0.00	263.00	0.00	0.00	0.00
237.00	0.00	0.00	0.00	263.50	0.00	0.00	0.00
237.50	0.00	0.00	0.00	264.00	0.00	0.00	0.00
238.00	0.00	0.00	0.00	264.50	0.00	0.00	0.00
238.50	0.00	0.00	0.00	265.00	0.00	0.00	0.00
239.00	0.00	0.00	0.00	265.50	0.00	0.00	0.00

Existing Stormwater Analysis

Prepared by Black & Veatch

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SFWMD 72-hr 25YR-72HR Rainfall=13.50"

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Hydrograph for Link 7L: Dania Cutoff Canal (continued)

Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)	Time (hours)	Inflow (cfs)	Elevation (feet)	Primary (cfs)
266.00	0.00	0.00	0.00	292.50	0.00	0.00	0.00
266.50	0.00	0.00	0.00	293.00	0.00	0.00	0.00
267.00	0.00	0.00	0.00	293.50	0.00	0.00	0.00
267.50	0.00	0.00	0.00	294.00	0.00	0.00	0.00
268.00	0.00	0.00	0.00	294.50	0.00	0.00	0.00
268.50	0.00	0.00	0.00	295.00	0.00	0.00	0.00
269.00	0.00	0.00	0.00	295.50	0.00	0.00	0.00
269.50	0.00	0.00	0.00	296.00	0.00	0.00	0.00
270.00	0.00	0.00	0.00	296.50	0.00	0.00	0.00
270.50	0.00	0.00	0.00	297.00	0.00	0.00	0.00
271.00	0.00	0.00	0.00	297.50	0.00	0.00	0.00
271.50	0.00	0.00	0.00	298.00	0.00	0.00	0.00
272.00	0.00	0.00	0.00	298.50	0.00	0.00	0.00
272.50	0.00	0.00	0.00	299.00	0.00	0.00	0.00
273.00	0.00	0.00	0.00	299.50	0.00	0.00	0.00
273.50	0.00	0.00	0.00	300.00	0.00	0.00	0.00
274.00	0.00	0.00	0.00				
274.50	0.00	0.00	0.00				
275.00	0.00	0.00	0.00				
275.50	0.00	0.00	0.00				
276.00	0.00	0.00	0.00				
276.50	0.00	0.00	0.00				
277.00	0.00	0.00	0.00				
277.50	0.00	0.00	0.00				
278.00	0.00	0.00	0.00				
278.50	0.00	0.00	0.00				
279.00	0.00	0.00	0.00				
279.50	0.00	0.00	0.00				
280.00	0.00	0.00	0.00				
280.50	0.00	0.00	0.00				
281.00	0.00	0.00	0.00				
281.50	0.00	0.00	0.00				
282.00	0.00	0.00	0.00				
282.50	0.00	0.00	0.00				
283.00	0.00	0.00	0.00				
283.50	0.00	0.00	0.00				
284.00	0.00	0.00	0.00				
284.50	0.00	0.00	0.00				
285.00	0.00	0.00	0.00				
285.50	0.00	0.00	0.00				
286.00	0.00	0.00	0.00				
286.50	0.00	0.00	0.00				
287.00	0.00	0.00	0.00				
287.50	0.00	0.00	0.00				
288.00	0.00	0.00	0.00				
288.50	0.00	0.00	0.00				
289.00	0.00	0.00	0.00				
289.50	0.00	0.00	0.00				
290.00	0.00	0.00	0.00				
290.50	0.00	0.00	0.00				
291.00	0.00	0.00	0.00				
291.50	0.00	0.00	0.00				
292.00	0.00	0.00	0.00				