DRAINAGE CALCULATIONS

Hillside Grove Phases 2-4

LAKE COUNTY, FLORIDA

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CW Project No.: 24-01-0079
Date: August 5, 2025

All elevations referrence the North American Vertical Datum of 1988 (NAVD88)

Connelly & Wicker | PrimeAE

Hillside Grove
Index Sheet

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272

JUSTIN E. WILLIAMS LICENSE No. 69260 STATE OF FLORIDA PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JUSTIN E. WILLIAMS

Justin E Williams

Digitally signed by Justin E Williams
DN: cn=Justin E Williams, c=US, o=CONNELLY AND WICKER INC., email=jwilliams@cwieng.com
Date: 2025.09.23 10:37:17 -04'00'

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Prepared under the direction of:

Justin Ellery Williams, P.E.
PE # 69260

GENERAL SITE DESCRIPTION

THE PROJECT

Hillside Grove is a roughly 320 acre single family residential project located north of State Road 19, west of S Palm Avenue and south of Number 2 Road within Howey in the Hills, Lake County, Florida. It is situated in Section 35, Township 20S, Range 25E. The proposed construction will consist of grubbing and filling, grading, and construction of stormwater management facilities for the entire site and underground utilities, roadways and related infrastructure. Phase 1A and 1B are currently in construction. The project will have 4 remaining phases: 2, 3, 4A and 4B for which these drainage calculations are prepared.

This Drainage Calculations booklet excludes calculations that are solely related to phase 1 which is already designed, permitted and in construction.

PRE-DEVELOPMENT DRAINAGE INFORMATION

The site in pre-development generally discharges to two different basins with a drainage divide down the middle of the project from north to south. The basin to the west drains to a closed basin where water is impounded and percolates into the ground. The area to the east of this divide drains through a series of ditches and wetland systems and ultimately to a positive outfall and Lake Illinois.

For the closed basin, two different outfall points have been identified. The first, OUT-01-PRE, is the largest of the two and is located on the west side of the project. The second, OUT-02-PRE, is located at the north side of the project. Post development discharge rates for both the Mean Annual and the 25 Year / 24 Hour storm events will be limited to those of pre-development at these two outfall locations. In addition, because these are closed basins, post development discharge volumes for the 25 Year / 96 Hour storm will be limited to that of Pre-Development.

For the open basin also, two outfall points have been identified. The first, OUT-03-PRE, is located at the north east corner of the project. This outfall point receives the runoff from the majority of the east side of the project. The second, OUT-04-PRE, receives the runoff from the southern portion of the project. This portion then drains through an existing 6' wide x 4' tall box culvert under S Palm Avenue. The drainage eventually is routed back under S Palm Avenue through another 6' wide x 4' tall box culvert and back to WET-04-PRE. The intent of these drainage calculations is not to be a comprehensive drainage model of both the project and surrounding areas, but to provide modeling and calculations showing permit compliance.

Generally, the project area in pre-development has moderate surface storage in some locations due to depressional areas, mild slopes and limited drainage features. Thus, a 323 K' value has been used for all upland conditions and a 484 K' value has been used for all wetland conditions in pre-development.

The limits of the wetlands are based on flagging done by Allen & Company, Inc and has been provided via cadd files. The topographical survey was also prepared by Allen & Company, Inc and was provided via cadd files.

POST-DEVELOPMENT DRAINAGE INFORMATION

The post-development stormwater management system is comprised of 19 wet detention stormwater management facilities. These facilities will provide for both stormwater treatment and attenuation of the Mean Annual and 25 Year / 24 Hour storms.

The post-development rates of discharge are limited to that of pre-development at each of the outfall points identified above: OUT-01-PST, OUT-02-PST, OUT-03-PST and OUT-04-PST. In addition, the volumetric discharge from the basins connected to OUT-01-PST and OUT-02-PST will be limited that of pre-development for the 25 Year / 96 Hour storm. A summary of the volumetric discharge is included in these drainage calculations.

Treatment and attenuation is controlled via control structures connected to SMF-01, SMF-02, SMF-03, SMF-05, SMF-08, SMF-11, SMF-12, SMF-13, SMF-14, SMF-15, SMF-16, SMF-17 and SMF-20.

The project area in post-development will have a clearly defined drainage network with well established drainage ditches, stormwater pipes, and stormwater management facilities. Thus, a 484 K' value has been used for all post-development conditions.

The project in post development is generally broken into three groups. The first is development areas draining to stormwater management facilities. The runoff from these areas will be treated and attenuated via the stormwater ponds. These areas are labeled as subdivision areas (SUB-##). A 484 K' value is used for these areas and times of concentration (Tc's) are calculated for each of these areas and are included in these drainage calculations. In some instances two or more stormwater management facilities are equalized to provide more uniform stormwater treatment for the basins they treat. In those instances, any runoff collected within the linked network between the ponds is broken out from the SUB area and included in a basin for an individual curb inlet. In that instance a 10 or 15 minute time of concentration is used for the individual curb inlet basin. An example of the above is stormwater network between SMF-05 and SMF-07, or SMF-08 and SMF-11. In these instances, the curb inlet basin is labeled "S-" and a number with alpha corresponding to the downstream pond number.

The second group is wetlands (WET-##-PST). These basins include only wetland areas and the adjacent buffers that are to remain natural. In these areas, the pre-development and post-development properties for each remains the same.

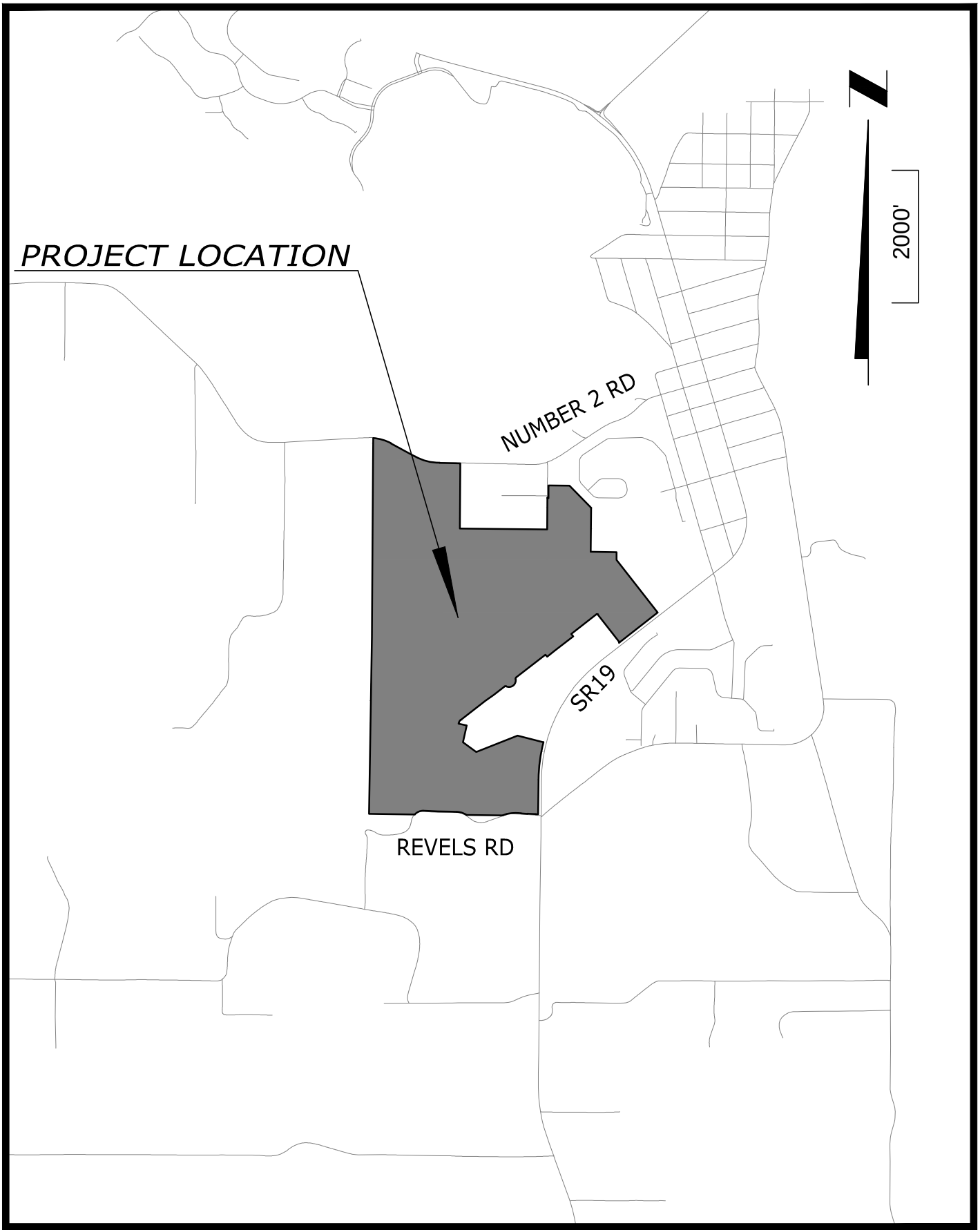
The third area is rear yard areas (RY-##). These areas include the rear yards of lots. These areas will be treated via natural / vegetative upland buffers with limited exceptions where there are wetland impacts or no naturally vegetated buffers proposed. The areas that are unable to be treated via treatment buffers are accounted for and overtreatment is provided in the stormwater ponds. Each overtreatment area is numbered and identified in their respective overtreatment calculation. (Refer to the Treatment Volume and Permanent Pool Volume Calculations). A 484 K' value is used for these areas, except for the RY areas on the back of the pond banks. These areas received a 484 K' value.

DESIGN ANALYSIS

The hydrologic modeling for this system was accomplished using standard SCS runoff procedures and modeled using ICPR version 3.10 Service Pack 11. This project has been designed based on Lake County and SJRWMD criteria for post-development flow attenuations; therefore, there are no adverse hydrologic impacts anticipated based on the referenced outlined regulations.

TAILWATER STAGES AND TIMES

Tailwater effects on the stormwater management facilities are modeled via boundary stages at the outfall locations, OUT-01 POST, OUT-02 POST, OUT-03 POST and OUT-04 POST. The stage boundary stages were obtained using survey data of the existing standing water stages and the 100 Yr base flood elevations taken from the FEMA FIRM panel. Elevations for in between design storms (Mean Annual, 10 YR, and 25 Year) were conservatively interpolated.



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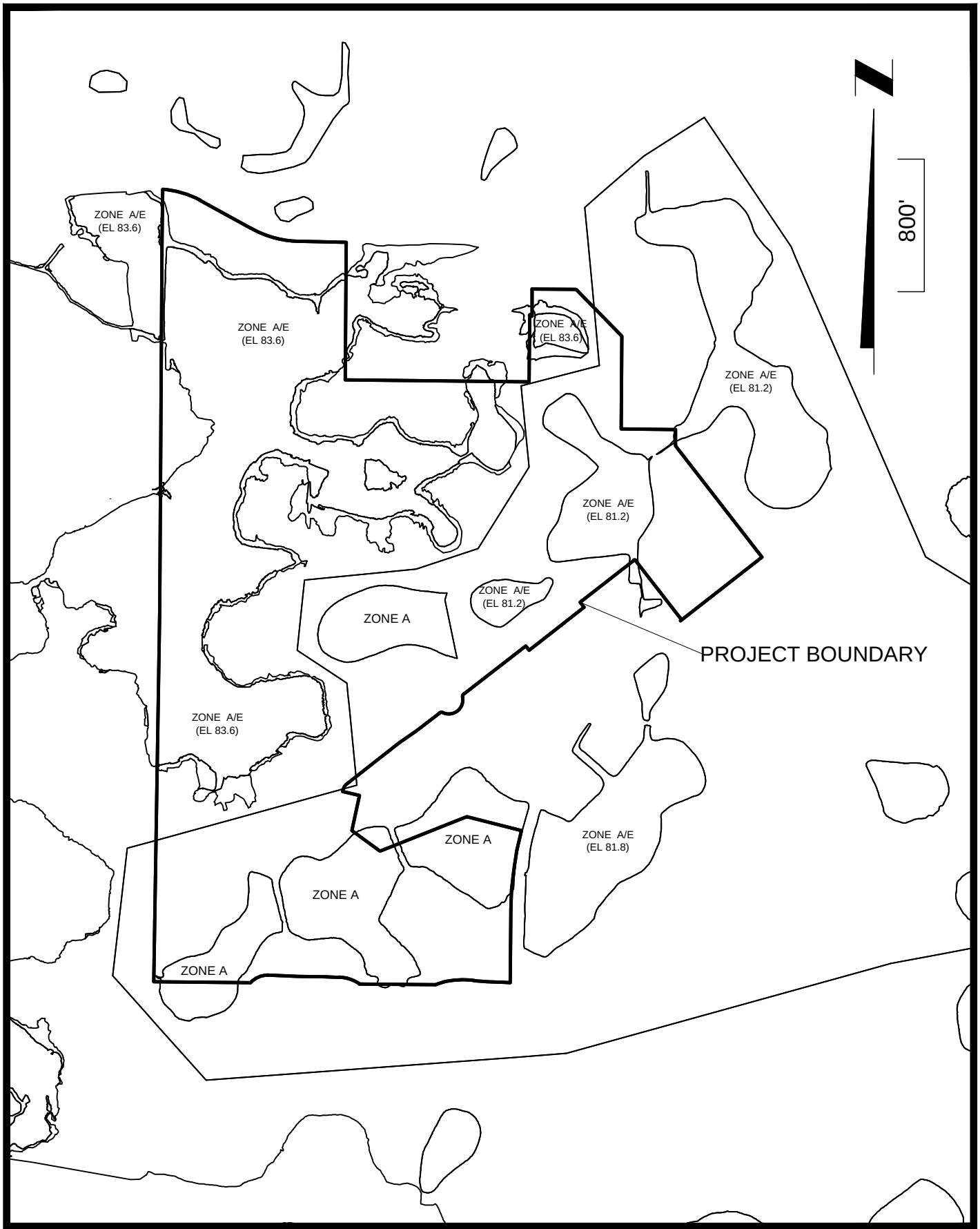
VICINITY MAP

21-04-0008

AUGUST 2025



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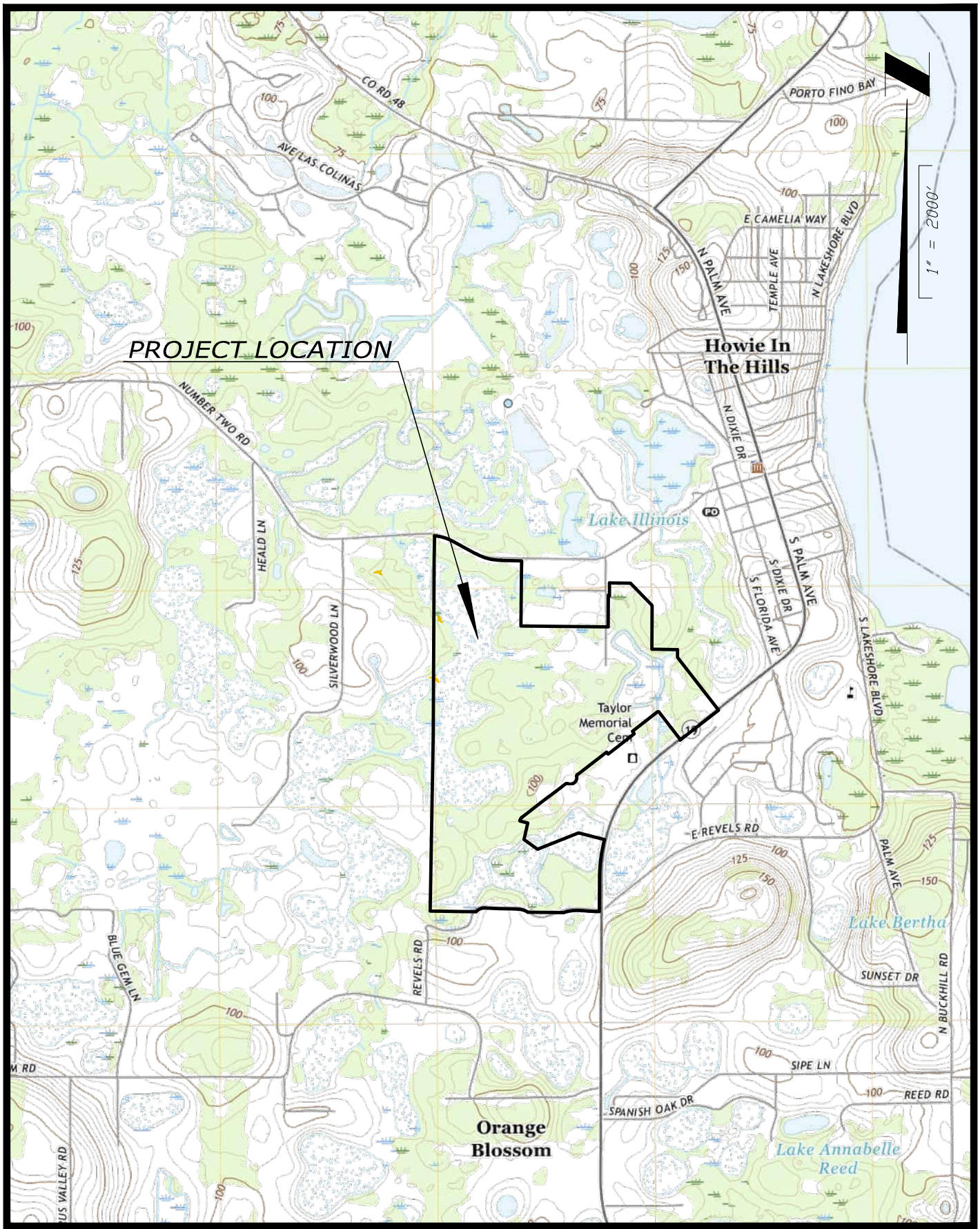
FEMA MAP

21-04-0008	JULY 2022



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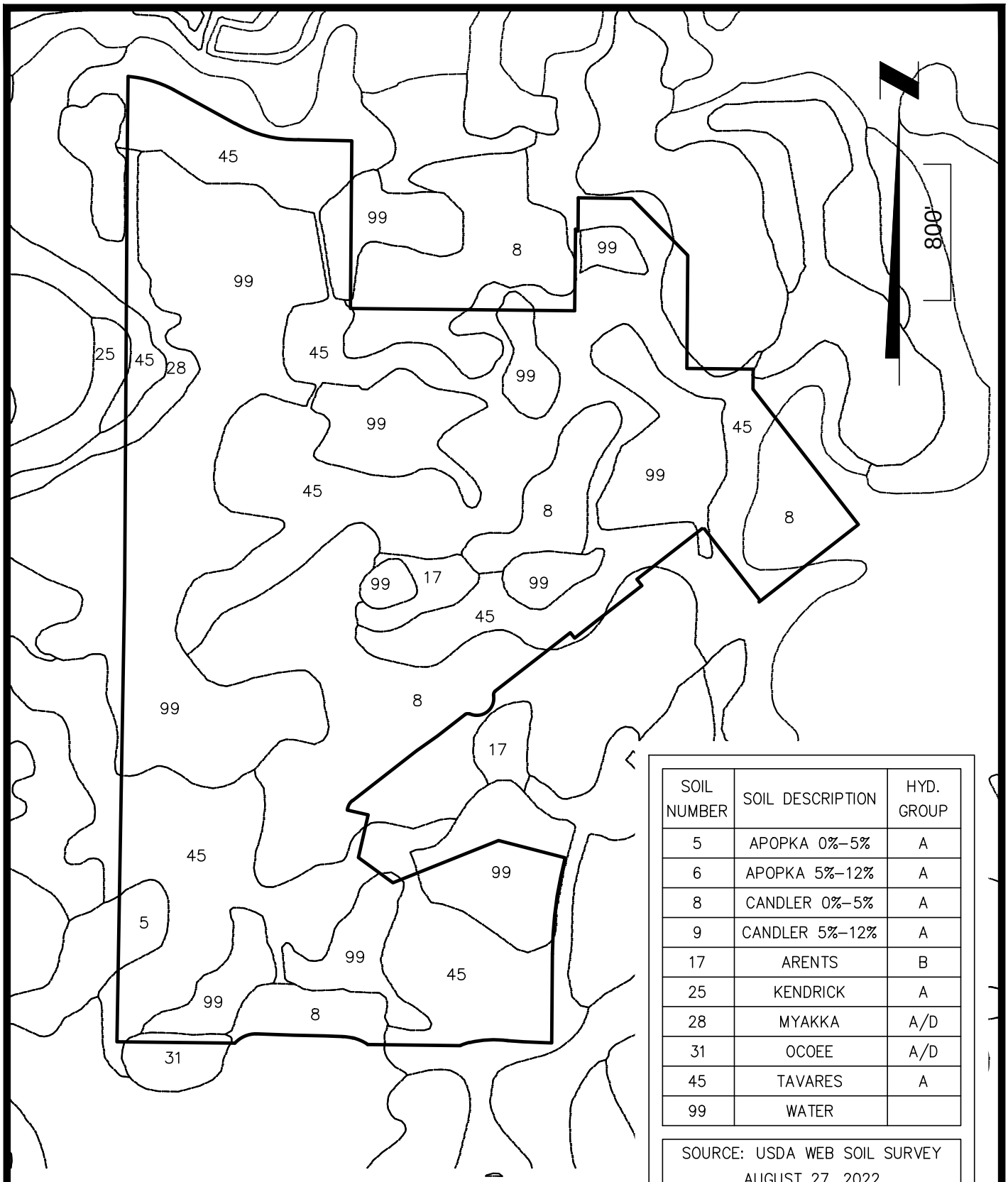
QUAD MAP

21-04-0008	August, 2022



SOIL NUMBER	SOIL DESCRIPTION	HYD. GROUP
5	APOPKA 0%–5%	A
6	APOPKA 5%–12%	A
8	CANDLER 0%–5%	A
9	CANDLER 5%–12%	A
17	ARENTS	B
25	KENDRICK	A
28	MYAKKA	A/D
31	OCOEE	A/D
45	TAVARES	A
99	WATER	

SOURCE: USDA WEB SOIL SURVEY
AUGUST 27, 2022
LAKE COUNTY, FLORIDA

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SOILS MAP

21-04-0008

July, 2022

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P:\Projects\CW\24\24-01-0079 Hillside Groves Ph 2-4\Design\Dwgs\Plots\24-01-0079 Pre.dwg

WETLAND (WET-01-PRE) DHW (25 YR) EL. = 82.43

WETLAND (WET-02-PRE) DHW (25 YR) EL. = 80.92

WETLAND (WET-04-PRE) DHW (25 YR) EL. = 80.21

LEGEND

- SJRWMD JURISDICTIONAL WETLANDS
- NATURAL / VEGETATIVE UPLAND BUFFER
- SOIL DIVIDE LINE
- DRAINAGE DIVIDE LINE
- 25 EXISTING CONTOUR
- 3 SOIL NUMBER

SOIL NUMBER	SOIL DESCRIPTION	HYD. GROUP
5	APOPKA 0%-5%	A
6	APOPKA 5%-12%	A
8	CANDLER 0%-5%	A
9	CANDLER 5%-12%	A
17	ARENTS	B
25	KENDRICK	A
28	MYAKKA	A/D
31	OCOEE	A/D
45	TAVARES	A
99	WATER	

SOURCE: USDA WEB SOIL SURVEY
AUGUST 27, 2022
LAKE COUNTY, FLORIDA

KEYMAP

ZONE A/E (EL 83.6)

SURVEYED STANDING WATER ELEVATION ≈ 79.5

SJRWMD JURISDICTIONAL WETLANDS

NODE OUT-01-PRE

NODE OUT-02-PRE

ZONE A/E (EL 80.6)

SURVEYED STANDING WATER ELEVATION ≈ 76.3

BASIN PRE-05
AREA = 5.2
CN = 72
Tc = 16
K (SCS) = 323

Tc PATH ≈ 290 LF

CLOSED BASIN / OPEN BASIN

ZONE A/E (EL 81.2)

SURVEYED STANDING WATER ELEVATION ≈ 76.5

NODE OUT-03-PRE

Tc PATH ≈ 505 LF

EXISTING 24" CMP

BASIN PRE-15
AREA = 1.2
CN = 72
Tc = 25
K (SCS) = 323

BASIN PRE-06
AREA = 27.4
CN = 72
Tc = 40
K (SCS) = 323

BASIN PRE-14
AREA = 3.6
CN = 51
Tc = 23
K (SCS) = 323

Tc PATH ≈ 394 LF

EXISTING 24" CMP

SURVEYED STANDING WATER ELEVATION ≈ 79.4

NODE WET-01-PRE

BASIN WET-01-PRE
AREA = 11.4
CN = 91
Tc = 10
K (SCS) = 484

BASIN PRE-02
AREA = 21.4
CN = 72
Tc = 26
K (SCS) = 323

Tc PATH ≈ 331 LF

BASIN PRE-03
AREA = 7.5
CN = 72
Tc = 28
K (SCS) = 323

NODE WET-02-PRE

SURVEYED STANDING WATER ELEVATION ≈ 78.5

BASIN WET-02-PRE
AREA = 4.7
CN = 87
Tc = 10
K (SCS) = 484

NODE WET-04-PRE

SURVEYED STANDING WATER ELEVATION ≈ 77.6

BASIN WET-04-PRE
AREA = 14.8
CN = 91
Tc = 10
K (SCS) = 484

ZONE A/E (EL 81.2)

Tc PATH ≈ 809 LF

Tc PATH ≈ 471 LF

CLOSED BASIN / OPEN BASIN

BASIN PRE-01
AREA = 52.4
CN = 59
Tc = 30
K (SCS) = 323

BASIN PRE-08
AREA = 3.6
CN = 76
Tc = 23
K (SCS) = 323

NODE WET-06-PRE

SURVEYED STANDING WATER ELEVATION ≈ 79.1

NODE WET-03-PRE

BASIN WET-05-PRE
AREA = 3.9
CN = 89
Tc = 10
K (SCS) = 484

NODE WET-05-PRE

ZONE A/E (EL 81.2)

SURVEYED STANDING WATER ELEVATION ≈ 76.5

SJRWMD JURISDICTIONAL WETLANDS

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No.	Date	Revision	By
1			
2			
3			
4			
5			

PRE DEVELOPMENT DRAINAGE PLAN

HILLSIDE GROVE
PHASES 2-4
HOWEY IN THE HILLS
PREPARED FOR
MERITAGE HOMES

JUSTIN ELLERY WILLIAMS
P.E. NUMBER: 69260
Reg. Engineer

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Project No.:	24-01-0079
Designed:	JEW
Drawn:	DCG
Checked:	JEW
O.C.:	RCW
Date:	APR 2025
Scale:	1" =150'
Sheet	5A

Printed: Aug 01, 2025 - 12:35pm Printed By: derek.green

P:\Projects\CW\24\24-01-0079 Hillside Groves Ph 2-4\Design\Dwgs\Plots\24-01-0079 Pre.dwg

NODE OUT-01-PRE

BASIN PRE-01
AREA = 52.4
CN = 59
Tc = 30
K (SCS) = 323

BASIN PRE-08
AREA = 3.6
CN = 76
Tc = 23
K (SCS) = 323

NODE WET-06-PRE

NODE WET-03-PRE

SURVEYED STANDING WATER ELEVATION ≈ 79.1

SURVEYED STANDING WATER ELEVATION ≈ 79.5

SJRWMD JURISDICTIONAL WETLANDS

ZONE A

CLOSED BASIN OPEN BASIN

Tc PATH ≈ 471 LF

BASIN PRE-04
AREA = 14.9
CN = 67
Tc = 25
K (SCS) = 323

ZONE A/E (EL 81.2)

BASIN WET-05-PRE
AREA = 3.9
CN = 89
Tc = 10
K (SCS) = 484

NODE WET-05-PRE

SURVEYED STANDING WATER ELEVATION ≈ 78.5

BASIN PRE-07
AREA = 12.4
CN = 72
Tc = 26
K (SCS) = 323

Tc PATH ≈ 476 LF

FOUND 4"X4" CONCRETE MONUMENT NO IDENTIFICATION

FOUND 5/8" IRON ROD AND CAP LB #7274

FOUND 4"X4" CONCRETE MONUMENT LB #7127

BOX CGV 6X4 TALL=77.33'

BOX CGV 6X4 TALL=77.49'

Tc PATH ≈ 631 LF

BASIN PRE-09
AREA = 15.4
CN = 61
Tc = 21
K (SCS) = 323

NODE OUT-01-PRE

ZONE A/E (EL 83.6)

SURVEYED STANDING WATER ELEVATION ≈ 79.5

FOUND 5/8" IRON ROD AND CAP LB #7274

WELL=59.75' PVC @ =58.99'

Tc PATH ≈ 653 LF

FOUND 5/8" IRON ROD AND CAP LB #7274 0.2' HC

FOUND 4"X4" CONCRETE MONUMENT LB #7274 0.1' SW

Tc PATH ≈ 566 LF

Tc PATH ≈ 839 LF

FOUND 4"X4" CONCRETE MONUMENT LB #7127

SURVEYED STANDING WATER ELEVATION ≈ 79.2

SURVEYED STANDING WATER ELEVATION ≈ 78.5

NODE OUT-04-PRE

ZONE A

ZONE A/E (EL 81.8)

MCP 24"=80.63'

EXISTING 24" CMP

DIP 8"=81.48'

EXISTING 8" DIP

BOX CGV 6X4 TALL=77.33'

BOX CGV 6X4 TALL=77.33'

BASIN PRE-13
AREA = 10.9
CN = 49
Tc = 43
K (SCS) = 323

SJRWMD JURISDICTIONAL WETLANDS

ZONE A

NODE WET-07-PRE

SURVEYED STANDING WATER ELEVATION ≈ 78.7

EXISTING 12" DIP

DIP 12"=85.16'

DIP 12"=81.19'

BASIN PRE-10
AREA = 13.2
CN = 51
Tc = 23
K (SCS) = 323

Tc PATH ≈ 446 LF

NODE WET-08-PRE

Tc PATH ≈ 281 LF

BASIN PRE-12
AREA = 1.8
CN = 49
Tc = 16
K (SCS) = 323

BASIN PRE-11
AREA = 3.1
CN = 49
Tc = 15
K (SCS) = 323

Tc PATH ≈ 275 LF

SJRWMD JURISDICTIONAL WETLANDS

ZONE A

OHW

WETLAND (WET-01-PRE)
DHW (25 YR) EL. = 82.43

WETLAND (WET-05-PRE)
DHW (25 YR) EL. = 81.56

SOIL NUMBER	SOIL DESCRIPTION	HYD. GROUP
5	APOPKA 0%-5%	A
6	APOPKA 5%-12%	A
8	CANDLER 0%-5%	A
9	CANDLER 5%-12%	A
17	ARENTS	B
25	KENDRICK	A
28	MYAKKA	A/D
31	OCOEE	A/D
45	TAVARES	A
99	WATER	

SOURCE: USDA WEB SOIL SURVEY
AUGUST 27, 2022
LAKE COUNTY, FLORIDA

LEGEND
- SJRWMD JURISDICTIONAL WETLANDS
- NATURAL / VEGETATIVE UPLAND BUFFER
- SOIL DIVIDE LINE
- DRAINAGE DIVIDE LINE
- 25 EXISTING CONTOUR
- 3 SOIL NUMBER

KEYMAP

A

B

150'

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No.	Date	Revision	By
1			
2			
3			
4			
5			

PRE DEVELOPMENT DRAINAGE PLAN

HILLSIDE GROVE
PHASES 2-4
HOWEY IN THE HILLS
PREPARED FOR
MERITAGE HOMES

JUSTIN ELLERY WILLIAMS
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Project No.:	24-01-0079
Designed:	JEW
Drawn:	DCG
Checked:	JEW
O.C.:	RCW
Date:	APR 2025
Scale:	1" =150'
Sheet	5B

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-01 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	19.4	72	1393
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	30.8	49	1510
Type A Soils	Wetland: Pine flatwoods	1.8	93	171
Total Ac / Weighted Cn		**52.0**		**59**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.013	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**23**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	738	LF
Watercourse Slope, s	0.014	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.87	Ft / s
Tc segment Tt = L / (60 * V)	**7**	Min.
Tc Total (Min. 10 minutes) =	**30**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area	**PRE-02 - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	21.4	72	1540
Total Ac / Weighted Cn		**21.4**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.016	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**21**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	371	LF
Watercourse Slope, s	0.006	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.20	Ft / s
Tc segment Tt = L / (60 * V)	**5**	Min.
Tc Total (Min. 10 minutes) =	**26**	Min.

Pre-Development Area	**PRE-03 - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	7.5	72	537
Total Ac / Weighted Cn		**7.5**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.009	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**26**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	231	LF
Watercourse Slope, s	0.020	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.27	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**28**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-04 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	6.2	72	446
Type B Soils	Cultivated row: poor straight row	1.5	81	122
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	5.0	49	244
Type B Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	0.6	69	39
Type A Soils	Wetland: Pine flatwoods	1.6	93	153
Total Ac / Weighted Cn		**14.9**		**67**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.014	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**22**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	531	LF
Watercourse Slope, s	0.030	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.81	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**25**	Min.

Pre-Development Area PRE-05 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	5.5	72	399
Total Ac / Weighted Cn		**5.5**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.035	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	190	LF
Watercourse Slope, s	0.045	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	3.42	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area	**PRE-06 - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	27.4	72	1973
Total Ac / Weighted Cn		**27.4**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.005	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**33**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	708	LF
Watercourse Slope, s	0.011	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.71	Ft / s
Tc segment Tt = L / (60 * V)	**7**	Min.
Tc Total (Min. 10 minutes) =	**40**	Min.

Pre-Development Area	**PRE-07 - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	12.4	72	893
Type B Soils	Cultivated row: poor straight row	0.1	81	4
Total Ac / Weighted Cn		**12.5**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.013	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**23**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	375	LF
Watercourse Slope, s	0.023	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.47	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**26**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-08 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	2.1	72	151
Type B Soils	Cultivated row: poor straight row	1.5	81	119
Total Ac / Weighted Cn		**3.6**		**76**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.016	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**21**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	371	LF
Watercourse Slope, s	0.028	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.71	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**23**	Min.

Pre-Development Area PRE-09 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	5.9	72	424
Type B Soils	Cultivated row: poor straight row	0.9	81	70
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	8.1	49	399
Type A Soils	Wetland: Pine flatwoods	0.4	93	33
Total Ac / Weighted Cn		**15.3**		**61**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.026	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	553	LF
Watercourse Slope, s	0.025	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.56	Ft / s
Tc segment Tt = L / (60 * V)	**4**	Min.
Tc Total (Min. 10 minutes) =	**21**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-10 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	12.8	49	625
Type A Soils	Wetland: Pine flatwoods	0.6	93	52
Total Ac / Weighted Cn		**13.3**		**51**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.019	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**20**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	466	LF
Watercourse Slope, s	0.031	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.84	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**23**	Min.

Pre-Development Area PRE-11 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	3.1	49	153
Total Ac / Weighted Cn		**3.1**		**49**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.041	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**14**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	175	LF
Watercourse Slope, s	0.051	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	3.67	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**15**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-12 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	1.8	49	87
Total Ac / Weighted Cn		**1.8**		**49**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.037	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	181	LF
Watercourse Slope, s	0.040	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	3.25	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

Pre-Development Area PRE-13 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	10.9	49	535
Total Ac / Weighted Cn		**10.9**		**49**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.003	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**41**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	345	LF
Watercourse Slope, s	0.034	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.99	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**43**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-14 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	3.4	49	167
Type A Soils	Wetland: Pine flatwoods	0.2	93	18
Total Ac / Weighted Cn		**3.6**		**51**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.019	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**20**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	294	LF
Watercourse Slope, s	0.014	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.92	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**23**	Min.

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Hillside Grove
Pre-Development - Weighted Curve Number Calculations

Pre-Development Area PRE-15 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	1.1	72	80
Type B Soils	Cultivated row: poor straight row	0.1	81	7
Total Ac / Weighted Cn		**1.2**		**73**

Calculate Time of Concentration		
Segment A - Sheet Flow		
Surface Description	Woods: Light Underbrush	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.40	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.013	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**23**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	327	LF
Watercourse Slope, s	0.027	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.63	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**25**	Min.
Segment C - Channel Flow		
Cross Sectional Flow Area, A	30	Ft ^ 2
Wetted Perimeter, Pw	15.2	LF
Hydraulic Radius, R = A / Pw	1.969	LF
Channel Slope, s	0.026	Ft / Ft
Manning's Roughness Coefficient, n	0.03	
V = (1.49 * R^(2/3) * s^(1/2)) / n	12.49	Ft / s
Flow Length, L	78	LF
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**25**	Min.

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Hillside Grove

Pre-Development - Weighted Curve Number Calculations

Pre-Development Area	**WET-01-PRE - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	1.3	72	92
Type A Soils	Wetland: Pine flatwoods	10.1	93	938
Total Ac / Weighted Cn		**11.4**		**91**

Pre-Development Area	**WET-02-PRE - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	1.3	72	92
Type A Soils	Wetland: Pine flatwoods	3.4	93	313
Total Ac / Weighted Cn		**4.7**		**87**

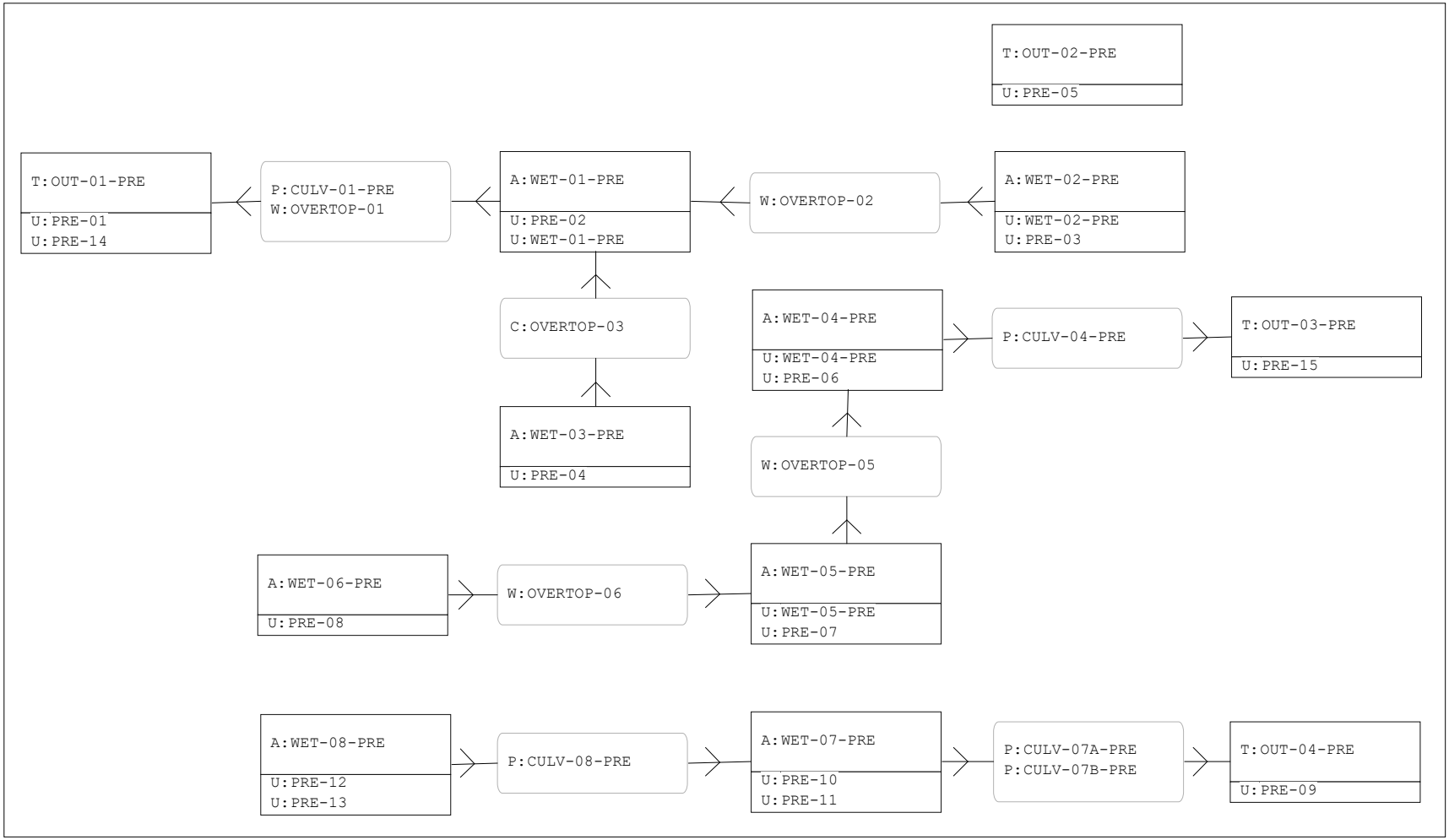
Pre-Development Area	**WET-04-PRE - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	1.4	72	98
Type A Soils	Wetland: Pine flatwoods	13.4	93	1250
Total Ac / Weighted Cn		**14.8**		**91**

Pre-Development Area	**WET-05-PRE - Calculate Weighted Curve Number**			
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated row: poor straight row	0.7	72	50
Type A Soils	Wetland: Pine flatwoods	3.2	93	293
Total Ac / Weighted Cn		**3.9**		**89**

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
OUT-01-PRE	PRE	HYDRA-025	13.00	82.60	0.00	0.0040	5	12.25	83.53	0.00	0.00
OUT-02-PRE	PRE	HYDRA-025	13.00	82.60	0.00	0.0053	0	12.08	18.19	0.00	0.00
OUT-03-PRE	PRE	HYDRA-025	13.00	80.20	0.00	0.0047	19	12.17	2.42	0.00	0.00
OUT-04-PRE	PRE	HYDRA-025	13.00	80.60	0.00	0.0027	2	12.17	32.61	0.00	0.00
WET-01-PRE	PRE	HYDRA-025	18.90	82.43	0.00	0.0003	398691	12.00	110.42	23.66	6.56
WET-02-PRE	PRE	HYDRA-025	26.25	80.92	0.00	0.0003	133653	12.00	40.75	0.00	0.00
WET-03-PRE	PRE	HYDRA-025	26.00	83.59	0.00	0.0006	73012	12.17	35.41	0.00	0.00
WET-04-PRE	PRE	HYDRA-025	24.24	80.21	0.00	0.0003	504790	12.00	121.02	24.17	2.22
WET-05-PRE	PRE	HYDRA-025	48.00	81.56	0.00	0.0004	124426	12.08	49.89	0.00	0.00
WET-06-PRE	PRE	HYDRA-025	13.06	85.06	0.00	0.0013	23936	12.17	11.09	13.06	3.60
WET-07-PRE	PRE	HYDRA-025	26.00	79.81	0.00	0.0001	270685	12.17	21.85	0.00	0.00
WET-08-PRE	PRE	HYDRA-025	27.50	79.37	0.00	0.0001	172497	12.42	11.10	0.00	0.00
OUT-01-PRE	PRE	HYDRA-MEAN	13.00	80.60	0.00	0.0014	8	12.42	16.31	0.00	0.00
OUT-02-PRE	PRE	HYDRA-MEAN	13.00	80.60	0.00	0.0027	0	12.08	5.52	0.00	0.00
OUT-03-PRE	PRE	HYDRA-MEAN	13.00	78.20	0.00	0.0022	1	12.17	1.03	0.00	0.00
OUT-04-PRE	PRE	HYDRA-MEAN	13.00	79.40	0.00	0.0012	2	12.25	6.57	0.00	0.00
WET-01-PRE	PRE	HYDRA-MEAN	25.71	80.69	0.00	0.0002	261125	12.00	42.69	25.71	0.01
WET-02-PRE	PRE	HYDRA-MEAN	26.25	79.58	0.00	0.0001	106749	12.00	15.29	0.00	0.00
WET-03-PRE	PRE	HYDRA-MEAN	26.00	81.03	0.00	0.0002	61878	12.25	9.15	0.00	0.00
WET-04-PRE	PRE	HYDRA-MEAN	27.25	79.06	0.00	0.0003	398624	12.00	48.69	0.00	0.00
WET-05-PRE	PRE	HYDRA-MEAN	26.25	79.52	0.00	0.0001	115510	12.08	17.55	0.00	0.00
WET-06-PRE	PRE	HYDRA-MEAN	26.00	83.55	0.00	0.0004	7687	12.17	3.73	0.00	0.00
WET-07-PRE	PRE	HYDRA-MEAN	26.00	79.31	0.00	0.0000	237870	12.42	2.13	0.00	0.00
WET-08-PRE	PRE	HYDRA-MEAN	27.50	78.80	0.00	0.0000	159463	12.67	0.91	0.00	0.00

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CULV-01-PRE	PRE	HYDRA-025	23.66	6.56	0.078	18.90	82.43	13.00	82.60
CULV-04-PRE	PRE	HYDRA-025	24.17	2.22	-0.660	24.24	80.21	13.00	80.20
CULV-07A-PRE	PRE	HYDRA-025	0.00	0.00	0.000	26.00	79.81	13.00	80.60
CULV-07B-PRE	PRE	HYDRA-025	0.00	0.00	0.000	26.00	79.81	13.00	80.60
CULV-08-PRE	PRE	HYDRA-025	0.00	0.00	0.000	27.50	79.37	26.00	79.81
OVERTOP-01	PRE	HYDRA-025	0.00	0.00	0.000	18.90	82.43	13.00	82.60
OVERTOP-02	PRE	HYDRA-025	0.00	0.00	0.000	26.25	80.92	18.90	82.43
OVERTOP-03	PRE	HYDRA-025	0.00	0.00	0.000	26.00	83.59	18.90	82.43
OVERTOP-05	PRE	HYDRA-025	0.00	0.00	0.000	48.00	81.56	24.24	80.21
OVERTOP-06	PRE	HYDRA-025	13.06	3.60	0.006	13.06	85.06	48.00	81.56
CULV-01-PRE	PRE	HYDRA-MEAN	25.71	0.01	0.000	25.71	80.69	13.00	80.60
CULV-04-PRE	PRE	HYDRA-MEAN	0.00	0.00	0.000	27.25	79.06	13.00	78.20
CULV-07A-PRE	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.00	79.31	13.00	79.40
CULV-07B-PRE	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.00	79.31	13.00	79.40
CULV-08-PRE	PRE	HYDRA-MEAN	0.00	0.00	0.000	27.50	78.80	26.00	79.31
OVERTOP-01	PRE	HYDRA-MEAN	0.00	0.00	0.000	25.71	80.69	13.00	80.60
OVERTOP-02	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.25	79.58	25.71	80.69
OVERTOP-03	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.00	81.03	25.71	80.69
OVERTOP-05	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.25	79.52	27.25	79.06
OVERTOP-06	PRE	HYDRA-MEAN	0.00	0.00	0.000	26.00	83.55	26.25	79.52

```
            Basin Name: PRE-01
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: OUT-01-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 4.00
   Comp Time Inc (min): 4.00
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 30.00
      Time Shift (hrs): 0.00
             Area (ac): 52.000
  Vol of Unit Hyd (in): 1.001
          Curve Number: 59.000
              DCIA (%): 0.000

        Time Max (hrs): 48.13
        Flow Max (cfs): 61.43
    Runoff Volume (in): 5.580
   Runoff Volume (ft3): 1053205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            Basin Name: PRE-02
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: WET-01-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 3.47
   Comp Time Inc (min): 3.47
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 26.00
      Time Shift (hrs): 0.00
             Area (ac): 21.400
  Vol of Unit Hyd (in): 1.000
          Curve Number: 72.000
              DCIA (%): 0.000

        Time Max (hrs): 48.07
        Flow Max (cfs): 33.86
    Runoff Volume (in): 7.407
   Runoff Volume (ft3): 575424


--------------------------------------------------------------------------------

            Basin Name: PRE-03
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: WET-02-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 3.73
   Comp Time Inc (min): 3.73
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 28.00
      Time Shift (hrs): 0.00
             Area (ac): 7.500
  Vol of Unit Hyd (in): 1.000
          Curve Number: 72.000
              DCIA (%): 0.000

        Time Max (hrs): 48.03
        Flow Max (cfs): 11.69
    Runoff Volume (in): 7.407
   Runoff Volume (ft3): 201652


--------------------------------------------------------------------------------

            Basin Name: PRE-04
            Group Name: PRE
```

```
            Simulation: HYDRO-025-96
             Node Name: WET-03-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 3.33
   Comp Time Inc (min): 3.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 25.00
      Time Shift (hrs): 0.00
             Area (ac): 14.900
  Vol of Unit Hyd (in): 1.000
          Curve Number: 67.000
              DCIA (%): 0.000

       Time Max (hrs): 48.05
       Flow Max (cfs): 21.83
    Runoff Volume (in): 6.716
   Runoff Volume (ft3): 363256


--------------------------------------------------------------------------------

            Basin Name: PRE-05
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: OUT-02-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 2.13
   Comp Time Inc (min): 2.13
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 16.00
      Time Shift (hrs): 0.00
             Area (ac): 5.500
  Vol of Unit Hyd (in): 1.000
          Curve Number: 72.000
              DCIA (%): 0.000

       Time Max (hrs): 48.00
       Flow Max (cfs): 9.26
    Runoff Volume (in): 7.408
   Runoff Volume (ft3): 147905


--------------------------------------------------------------------------------

            Basin Name: PRE-14
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: OUT-01-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh323
          Peaking Fator: 323.0
   Spec Time Inc (min): 3.07
   Comp Time Inc (min): 3.07
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 23.00
      Time Shift (hrs): 0.00
             Area (ac): 3.600
  Vol of Unit Hyd (in): 1.000
          Curve Number: 51.000
              DCIA (%): 0.000

       Time Max (hrs): 48.04
       Flow Max (cfs): 3.54
    Runoff Volume (in): 4.412
   Runoff Volume (ft3): 57659


--------------------------------------------------------------------------------

            Basin Name: WET-01-PRE
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: WET-01-PRE
```

```
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 11.400
  Vol of Unit Hyd (in): 1.000
          Curve Number: 91.000
              DCIA (%): 0.000

        Time Max (hrs): 48.00
        Flow Max (cfs): 23.18
    Runoff Volume (in): 9.883
   Runoff Volume (ft3): 408975


--------------------------------------------------------------------------------

            Basin Name: WET-02-PRE
            Group Name: PRE
            Simulation: HYDRO-025-96
             Node Name: WET-02-PRE
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 4.700
  Vol of Unit Hyd (in): 1.000
          Curve Number: 87.000
              DCIA (%): 0.000

        Time Max (hrs): 48.00
        Flow Max (cfs): 9.36
    Runoff Volume (in): 9.377
   Runoff Volume (ft3): 159989
```

```
================================================================================
==== Basins ====================================================================
================================================================================

        Name: PRE-01                  Node: OUT-01-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 30.00
            Area(ac): 52.000                Time Shift(hrs): 0.00
        Curve Number: 59.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-02                  Node: WET-01-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 26.00
            Area(ac): 21.400                Time Shift(hrs): 0.00
        Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-03                  Node: WET-02-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 28.00
            Area(ac): 7.500                 Time Shift(hrs): 0.00
        Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-04                  Node: WET-03-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 25.00
            Area(ac): 14.900                Time Shift(hrs): 0.00
        Curve Number: 67.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-05                  Node: OUT-02-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 16.00
            Area(ac): 5.500                 Time Shift(hrs): 0.00
        Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-06                  Node: WET-04-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 40.00
            Area(ac): 27.400                Time Shift(hrs): 0.00
        Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------
        Name: PRE-07                  Node: WET-05-PRE            Status: Onsite
       Group: PRE                     Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 26.00
```

```
              Area(ac): 12.500                Time Shift(hrs): 0.00
          Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-08                  Node: WET-06-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 23.00
              Area(ac): 3.600               Time Shift(hrs): 0.00
          Curve Number: 76.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-09                  Node: OUT-04-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 21.00
              Area(ac): 15.300              Time Shift(hrs): 0.00
          Curve Number: 61.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-10                  Node: WET-07-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 23.00
              Area(ac): 13.300              Time Shift(hrs): 0.00
          Curve Number: 51.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-11                  Node: WET-07-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 15.00
              Area(ac): 3.100               Time Shift(hrs): 0.00
          Curve Number: 49.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-12                  Node: WET-08-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 16.00
              Area(ac): 1.800               Time Shift(hrs): 0.00
          Curve Number: 49.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-13                  Node: WET-08-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 43.00
              Area(ac): 10.900              Time Shift(hrs): 0.00
          Curve Number: 49.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: PRE-14                  Node: OUT-01-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                  Peaking Factor: 323.0
```

```
         Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 23.00
              Area(ac): 3.600                  Time Shift(hrs): 0.00
          Curve Number: 51.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: PRE-15                  Node: OUT-03-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh323                 Peaking Factor: 323.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 25.00
              Area(ac): 1.200                  Time Shift(hrs): 0.00
          Curve Number: 73.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-01-PRE              Node: WET-01-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
              Area(ac): 11.400                 Time Shift(hrs): 0.00
          Curve Number: 91.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-02-PRE              Node: WET-02-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
              Area(ac): 4.700                  Time Shift(hrs): 0.00
          Curve Number: 87.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-04-PRE              Node: WET-04-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
              Area(ac): 14.800                 Time Shift(hrs): 0.00
          Curve Number: 91.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-05-PRE              Node: WET-05-PRE            Status: Onsite
        Group: PRE                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
              Area(ac): 3.900                  Time Shift(hrs): 0.00
          Curve Number: 89.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


=================================================================================================
==== Nodes ======================================================================================
=================================================================================================

      Name: OUT-01-PRE          Base Flow(cfs): 0.000          Init Stage(ft): 79.500
     Group: PRE                                                Warn Stage(ft): 0.000
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          79.500
          96.00          79.500

-------------------------------------------------------------------------------------------------
```

Name: OUT-02-PRE Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: PRE Warn Stage(ft): 0.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	78.500
96.00	78.500

Name: OUT-03-PRE Base Flow(cfs): 0.000 Init Stage(ft): 76.500
Group: PRE Warn Stage(ft): 0.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	76.500
48.00	76.500

Name: OUT-04-PRE Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: PRE Warn Stage(ft): 0.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	78.500
48.00	78.500

Name: WET-01-PRE Base Flow(cfs): 0.000 Init Stage(ft): 79.400
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
79.380	2.30
80.000	4.80
81.000	6.50
82.000	8.70
83.000	9.70
84.000	12.90

Name: WET-02-PRE Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	1.00
79.000	2.10
80.000	2.70
81.000	3.10
82.000	3.20
83.000	3.30
84.000	3.80

Name: WET-03-PRE Base Flow(cfs): 0.000 Init Stage(ft): 79.300
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
79.300	0.60
80.000	0.70
81.000	1.40
82.000	1.50
83.000	1.60
84.000	1.70
85.000	1.90
86.000	2.00

Name: WET-04-PRE Base Flow(cfs): 0.000 Init Stage(ft): 77.600
Group: PRE Warn Stage(ft): 0.000

Type: Stage/Area

Stage(ft)	Area(ac)
76.500	1.90
77.000	2.00
78.000	2.90
79.000	9.00
80.000	11.40
81.000	12.30
82.000	13.30
83.000	14.40

Name: WET-05-PRE Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
76.500	2.30
77.000	2.40
78.000	2.50
79.000	2.60
80.000	2.70
81.000	2.80
82.000	2.90
83.000	3.10

Name: WET-06-PRE Base Flow(cfs): 0.000 Init Stage(ft): 79.100
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
79.100	0.09
80.000	0.10
81.000	0.12
82.000	0.14
83.000	0.16
84.000	0.19
85.000	0.37
86.000	3.50

Name: WET-07-PRE Base Flow(cfs): 0.000 Init Stage(ft): 79.200
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	4.50
79.000	5.00
80.000	6.50
81.000	10.50
82.000	13.80
83.000	14.90
84.000	15.30

Name: WET-08-PRE Base Flow(cfs): 0.000 Init Stage(ft): 78.700
Group: PRE Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	3.60
79.000	3.70
80.000	4.40
81.000	5.60
82.000	5.90
83.000	6.10
84.000	6.60

==========
==== Pipes ====
==========

```
         Name: CULV-01-PRE         From Node: WET-01-PRE         Length(ft): 19.00
        Group: PRE                   To Node: OUT-01-PRE              Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.20
     Rise(in): 24.00          24.00                         Exit Loss Coef: 1.00
   Invert(ft): 80.650         80.450                        Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



-------------------------------------------------------------------------------------------------
         Name: CULV-04-PRE         From Node: WET-04-PRE         Length(ft): 21.00
        Group: PRE                   To Node: OUT-03-PRE              Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.20
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.00
   Invert(ft): 79.520         78.740                        Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



-------------------------------------------------------------------------------------------------
         Name: CULV-07A-PRE        From Node: WET-07-PRE         Length(ft): 23.00
        Group: PRE                   To Node: OUT-04-PRE              Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.20
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.00
   Invert(ft): 80.630         80.650                        Bend Loss Coef: 0.00
  Manning's N: 0.022000       0.022000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting



-------------------------------------------------------------------------------------------------
         Name: CULV-07B-PRE        From Node: WET-07-PRE         Length(ft): 49.00
        Group: PRE                   To Node: OUT-04-PRE              Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 8.00           8.00                      Entrance Loss Coef: 0.20
     Rise(in): 8.00           8.00                          Exit Loss Coef: 0.00
   Invert(ft): 81.480         81.680                        Bend Loss Coef: 0.00
  Manning's N: 0.011000       0.011000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                         Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting
```

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-----------------------------------------------------------------------------------------------
        Name: CULV-08-PRE         From Node: WET-08-PRE         Length(ft): 21.00
       Group: PRE                   To Node: WET-07-PRE              Count: 1
                                                          Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
    Geometry: Circular       Circular                                 Flow: Both
    Span(in): 12.00          12.00                     Entrance Loss Coef: 0.20
    Rise(in): 12.00          12.00                         Exit Loss Coef: 0.00
  Invert(ft): 80.160         80.190                        Bend Loss Coef: 0.00
 Manning's N: 0.011000       0.011000                    Outlet Ctrl Spec: Use dc or tw
Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
Bot Clip(in): 0.000          0.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


===============================================================================================
==== Channels =================================================================================
===============================================================================================

         Name: OVERTOP-03          From Node: WET-03-PRE         Length(ft): 470.00
        Group: PRE                   To Node: WET-01-PRE              Count: 1

               UPSTREAM       DOWNSTREAM                 Friction Equation: Automatic
     Geometry: Trapezoidal    Trapezoidal               Solution Algorithm: Automatic
   Invert(ft): 84.800         84.000                                 Flow: Both
TClpInitZ(ft): 9999.000       9999.000                  Contraction Coef: 0.000
  Manning's N: 0.060000       0.060000                    Expansion Coef: 0.000
 Top Clip(ft): 0.000          0.000                     Entrance Loss Coef: 0.000
 Bot Clip(ft): 0.000          0.000                         Exit Loss Coef: 0.000
    Main XSec:                                          Outlet Ctrl Spec: Use dc or tw
 AuxElev1(ft):                                           Inlet Ctrl Spec: Use dc
    Aux XSec1:                                        Stabilizer Option: None
 AuxElev2(ft):
    Aux XSec2:
Top Width(ft):
    Depth(ft):
Bot Width(ft): 60.000         80.000
 LtSdSlp(h/v): 75.00          60.00
 RtSdSlp(h/v): 100.00         60.00


===============================================================================================
==== Weirs ====================================================================================
===============================================================================================

        Name: OVERTOP-01          From Node: WET-01-PRE
       Group: PRE                   To Node: OUT-01-PRE
        Flow: Both                     Count: 1
        Type: Vertical: Fread      Geometry: Trapezoidal

           Bottom Width(ft): 135.00
      Left Side Slope(h/v): 20.00
     Right Side Slope(h/v): 20.00
                 Invert(ft): 83.420
     Control Elevation(ft): 83.420
    Struct Opening Dim(ft): 9999.00
                                       TABLE
          Bottom Clip(ft): 0.000
             Top Clip(ft): 0.000
      Weir Discharge Coef: 3.200
    Orifice Discharge Coef: 0.600


-----------------------------------------------------------------------------------------------
        Name: OVERTOP-02          From Node: WET-02-PRE
       Group: PRE                   To Node: WET-01-PRE
        Flow: Both                     Count: 1
        Type: Vertical: Fread      Geometry: Trapezoidal

           Bottom Width(ft): 10.00
      Left Side Slope(h/v): 70.00
     Right Side Slope(h/v): 80.00
                 Invert(ft): 83.500
     Control Elevation(ft): 83.500
    Struct Opening Dim(ft): 9999.00
                                       TABLE
          Bottom Clip(ft): 0.000
```

```
               Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: OVERTOP-05          From Node: WET-05-PRE
        Group: PRE                   To Node: WET-04-PRE
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Trapezoidal

            Bottom Width(ft): 85.00
       Left Side Slope(h/v): 70.00
      Right Side Slope(h/v): 140.00
                Invert(ft): 83.500
      Control Elevation(ft): 83.500
     Struct Opening Dim(ft): 9999.00
                                          TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: OVERTOP-06          From Node: WET-06-PRE
        Group: PRE                   To Node: WET-05-PRE
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Trapezoidal

            Bottom Width(ft): 80.00
       Left Side Slope(h/v): 40.00
      Right Side Slope(h/v): 40.00
                Invert(ft): 85.000
      Control Elevation(ft): 85.000
     Struct Opening Dim(ft): 9999.00
                                          TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
         Weir Discharge Coef: 3.200
      Orifice Discharge Coef: 0.600



=================================================================================
==== Hydrology Simulations =====================================================
=================================================================================

         Name: FDOT002Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 2.40

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT002Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 2.76

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT002Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 3.24

Time(hrs)       Print Inc(min)
```

10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT002Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y008H.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 3.77

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT002Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 4.87

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT002Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 5.36

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
72.000	60.00

Name: FDOT005Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y001H.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 2.90

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y002H.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 3.40

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y004H.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 4.00

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00

Name: FDOT005Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y008H.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 4.72

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00

Name: FDOT005Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 6.05

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00

Name: FDOT005Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 6.63

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00
72.000 60.00

Name: FDOT010Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y001H.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 3.20

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00

Name: FDOT010Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y002H.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 3.90

Time(hrs) Print Inc(min)
--- ---
10.000 10.00
17.000 5.00
30.000 15.00

Name: FDOT010Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y004H.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00

```
          Rainfall File: Fdot-4
    Rainfall Amount(in): 4.60

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT010Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y008H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 5.56

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT010Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 7.44

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT010Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 7.91

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 3.72

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 4.46

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y004H.R32
```

```
      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 5.28

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

------------------------------------------------------------------------------------------------
         Name: FDOT025Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y008H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 6.32

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

------------------------------------------------------------------------------------------------
         Name: FDOT025Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 8.40

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

------------------------------------------------------------------------------------------------
         Name: FDOT025Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 10.00

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

------------------------------------------------------------------------------------------------
         Name: FDOT050Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 4.05

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

------------------------------------------------------------------------------------------------
         Name: FDOT050Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 4.96

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

------------------------------------------------------------------------------------------------
         Name: FDOT050Y004H
```

Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y004H.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 5.96

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT050Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y008H.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 9.84

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT050Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 9.84

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT050Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 11.90

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
72.000	60.00

Name: FDOT100Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y001H.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 4.50

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT100Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y002H.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 5.48

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

```
---------------------------------------------------------------------------------------------
         Name: FDOT100Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 6.56

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

---------------------------------------------------------------------------------------------
         Name: FDOT100Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y008H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 7.80

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

---------------------------------------------------------------------------------------------
         Name: FDOT100Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 10.56

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

---------------------------------------------------------------------------------------------
         Name: FDOT100Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 14.00

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

---------------------------------------------------------------------------------------------
         Name: HYDRO-010
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-010.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 6.50

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
48.000          60.00

---------------------------------------------------------------------------------------------
         Name: HYDRO-025
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-025.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 8.40

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
```

17.000 5.00
30.000 15.00
48.000 60.00

Name: HYDRO-025-96
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-025-96.R32

Override Defaults: Yes
Storm Duration(hrs): 96.00
Rainfall File: Flmod
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
96.000	60.00

Name: HYDRO-100
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-100.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 11.40

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
48.000	60.00

Name: HYDRO-MEAN
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-MEAN.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 4.20

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
48.000	60.00

==========
==== Routing Simulations ==========
==========

Name: FDOT002Y001H Hydrology Sim: FDOT002Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y002H Hydrology Sim: FDOT002Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

```
        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT002Y004H        Hydrology Sim: FDOT002Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y004H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT002Y008H        Hydrology Sim: FDOT002Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y008H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT002Y024H        Hydrology Sim: FDOT002Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y024H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:
```

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y072H Hydrology Sim: FDOT002Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y001H Hydrology Sim: FDOT005Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y002H Hydrology Sim: FDOT005Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run

POST	Yes
PRE	Yes

Name: FDOT005Y004H Hydrology Sim: FDOT005Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y008H Hydrology Sim: FDOT005Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y008H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y024H Hydrology Sim: FDOT005Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y024H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y072H Hydrology Sim: FDOT005Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y072H.I32

```
     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 72.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
72.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT010Y001H        Hydrology Sim: FDOT010Y001H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y001H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT010Y002H        Hydrology Sim: FDOT010Y002H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y002H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT010Y004H        Hydrology Sim: FDOT010Y004H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y004H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
```

```
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT010Y008H        Hydrology Sim: FDOT010Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y008H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT010Y024H        Hydrology Sim: FDOT010Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y024H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT010Y072H        Hydrology Sim: FDOT010Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y072H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
```

17.000 5.000
30.000 15.000
72.000 60.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT025Y001H Hydrology Sim: FDOT025Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT025Y002H Hydrology Sim: FDOT025Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT025Y004H Hydrology Sim: FDOT025Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

```
-------------------------------------------------------------------------------------------------
         Name: FDOT025Y008H        Hydrology Sim: FDOT025Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y008H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT025Y024H        Hydrology Sim: FDOT025Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y024H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT025Y072H        Hydrology Sim: FDOT025Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y072H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
72.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT050Y001H        Hydrology Sim: FDOT050Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y001H.I32

      Execute: No          Restart: No           Patch: No
```

```
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT050Y002H        Hydrology Sim: FDOT050Y002H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y002H.I32

     Execute: No          Restart: No            Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT050Y004H        Hydrology Sim: FDOT050Y004H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y004H.I32

     Execute: No          Restart: No            Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
        Name: FDOT050Y008H        Hydrology Sim: FDOT050Y008H
    Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y008H.I32

     Execute: No          Restart: No            Patch: No
  Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                        Boundary Flows:
```

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT050Y024H Hydrology Sim: FDOT050Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y024H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT050Y072H Hydrology Sim: FDOT050Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT100Y001H Hydrology Sim: FDOT100Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT100Y002H Hydrology Sim: FDOT100Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT100Y004H Hydrology Sim: FDOT100Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT100Y008H Hydrology Sim: FDOT100Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y008H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

```
         Name: FDOT100Y024H        Hydrology Sim: FDOT100Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y024H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------------
         Name: FDOT100Y072H        Hydrology Sim: FDOT100Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y072H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
72.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------------
         Name: HYDRA-000           Hydrology Sim:
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-000.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
24.000          60.000
30.000          10.000
48.000          60.000

Group           Run
--------------- -----
POST            Yes


-------------------------------------------------------------------------------------------------------
         Name: HYDRA-010           Hydrology Sim: HYDRO-010
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-010.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
```

```
        Start Time(hrs): 0.000                  End Time(hrs): 48.00
     Min Calc Time(sec): 0.5000             Max Calc Time(sec): 60.0000
        Boundary Stages: BND-010                Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
48.000          60.000

Group           Run
--------------- -----
POST            Yes


-------------------------------------------------------------------------------------------------
         Name: HYDRA-025          Hydrology Sim: HYDRO-025
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-025.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                   Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                  End Time(hrs): 48.00
     Min Calc Time(sec): 0.5000             Max Calc Time(sec): 60.0000
        Boundary Stages: BND-025                Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
48.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: HYDRA-025-96       Hydrology Sim: HYDRO-025-96
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-025-96.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                   Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                  End Time(hrs): 96.00
     Min Calc Time(sec): 0.5000             Max Calc Time(sec): 60.0000
        Boundary Stages: BND-025                Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
96.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: HYDRA-100          Hydrology Sim: HYDRO-100
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-100.I32

      Execute: Yes         Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                   Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                  End Time(hrs): 48.00
     Min Calc Time(sec): 0.5000             Max Calc Time(sec): 60.0000
        Boundary Stages: BND-100                Boundary Flows:
```

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run
POST	Yes

Name: HYDRA-MEAN Hydrology Sim: HYDRO-MEAN
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-MEAN.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-MEAN Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run
POST	Yes
PRE	Yes

==========
==== Boundary Conditions ====
==========

Name: BND-100 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	83.600
96.000	79.500

Name: BND-010 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	81.600
96.000	79.500

Name: BND-025 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	82.600
96.000	79.500

Name: BND-100 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	83.600
96.000	78.500

Name: BND-010 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	81.600
96.000	78.500

Name: BND-025 Node: OUT-01-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	82.600
96.000	79.500

Name: BND-025 Node: OUT-02-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	82.600
96.000	78.500

Name: BND-025 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	82.600
96.000	78.500

Name: BND-MEAN Node: OUT-01-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	80.600
96.000	79.500

Name: BND-MEAN Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	80.600
96.000	79.500

Name: BND-MEAN Node: OUT-02-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
96.000	78.500

Name: BND-MEAN Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
96.000	78.500

Name: BND-100 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	81.200
48.000	76.500

Name: BND-100 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	81.200
48.000	78.500

Name: BND-025 Node: OUT-03-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	80.200
48.000	76.500
96.000	76.500

Name: BND-025 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	80.200
48.000	76.500
96.000	76.500

Name: BND-025 Node: OUT-04-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
48.000	78.500
96.000	78.500

Name: BND-025 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
48.000	78.500
96.000	78.500

Name: BND-010 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	79.200
48.000	76.500

Name: BND-010 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.000
48.000	78.500

Name: BND-MEAN Node: OUT-03-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	78.200
48.000	76.500

Name: BND-MEAN Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	78.200
48.000	76.500

Name: BND-MEAN Node: OUT-04-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	79.400
48.000	78.500

Name: BND-MEAN Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	79.400
48.000	78.500

Printed By: justin.williams
Printed: Sep 09, 2025 - 7:55am
P:\Projects\CW\24\24-01-0079 Hillside Groves Ph 2-4\Design\Dwgs\Plots\24-01-0079 Post.dwg

STORMWATER MANAGEMENT FACILITY ~ SMF-02
MIN. TOB EL.= 86.80
NWL EL.= 82.30
MIN. DEPTH BOT. EL.= 74.30
MAX DEPTH BOT. EL.= 70.30
DHW (100 YR) EL.= 86.26
DHW (25 YR) EL.= 85.55
DHW (10 YR) EL.=84.97
DHW (MEAN) EL.= 83.73

STORMWATER MANAGEMENT FACILITY ~ SMF-03
MIN. TOB EL.= 85.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 85.23
DHW (25 YR) EL.= 84.34
DHW (10 YR) EL.=83.68
DHW (MEAN) EL.= 82.98

STORMWATER MANAGEMENT FACILITY ~ SMF-05
MIN. TOB EL.= 84.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 83.16
DHW (25 YR) EL.= 82.74
DHW (10 YR) EL.=82.44
DHW (MEAN) EL.= 82.04

STORMWATER MANAGEMENT FACILITY ~ SMF-06
MIN. TOB EL.= 84.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 83.25
DHW (25 YR) EL.= 82.77
DHW (10 YR) EL.=82.45
DHW (MEAN) EL.= 82.04

STORMWATER MANAGEMENT FACILITY ~ SMF-07
MIN. TOB EL.= 84.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 83.89
DHW (25 YR) EL.= 83.03
DHW (10 YR) EL.=82.50
DHW (MEAN) EL.= 82.05

STORMWATER MANAGEMENT FACILITY ~ SMF-08
MIN. TOB EL.= 86.00
NWL EL.= 83.00
MIN. DEPTH BOT. EL.= 75.00
MAX DEPTH BOT. EL.= 71.00
DHW (100 YR) EL.= 85.06
DHW (25 YR) EL.= 84.64
DHW (10 YR) EL.=84.34
DHW (MEAN) EL.= 83.86

STORMWATER MANAGEMENT FACILITY ~ SMF-09
MIN. TOB EL.= 86.00
NWL EL.= 83.00
MIN. DEPTH BOT. EL.= 75.00
MAX DEPTH BOT. EL.= 71.00
DHW (100 YR) EL.= 85.35
DHW (25 YR) EL.= 84.71
DHW (10 YR) EL.=84.37
DHW (MEAN) EL.= 83.86

STORMWATER MANAGEMENT FACILITY ~ SMF-10
MIN. TOB EL.= 86.00
NWL EL.= 83.00
MIN. DEPTH BOT. EL.= 75.00
MAX DEPTH BOT. EL.= 71.00
DHW (100 YR) EL.= 85.39
DHW (25 YR) EL.= 84.73
DHW (10 YR) EL.=84.37
DHW (MEAN) EL.= 83.86

STORMWATER MANAGEMENT FACILITY ~ SMF-11
MIN. TOB EL.= 86.50
NWL EL.= 83.00
MIN. DEPTH BOT. EL.= 75.00
MAX DEPTH BOT. EL.= 71.00
DHW (100 YR) EL.= 85.73
DHW (25 YR) EL.= 85.09
DHW (10 YR) EL.=84.61
DHW (MEAN) EL.= 83.87

WETLAND (WET-08-PST)
DHW (100 YR) EL. = 80.23
DHW (25 YR) EL. = 80.09
DHW (10 YR) EL. =79.99

WETLAND (WET-07-PST)
DHW (100 YR) EL. = 80.23
DHW (25 YR) EL. = 79.20
DHW (10 YR) EL. =78.84

WETLAND (WET-05-PST)
DHW (100 YR) EL. = 81.52
DHW (25 YR) EL. = 80.48
DHW (10 YR) EL. =79.92

WETLAND (WET-01-PST)
DHW (100 YR) EL. = 83.41
DHW (25 YR) EL. = 82.44
DHW (10 YR) EL. =81.49

WETLAND (WET-02-PST)
DHW (100 YR) EL. = 83.41
DHW (25 YR) EL. = 82.43
DHW (10 YR) EL. =81.49

WETLAND (WET-04-PST)
DHW (100 YR) EL. = 81.52
DHW (25 YR) EL. = 80.48
DHW (10 YR) EL. =79.92

STORMWATER MANAGEMENT FACILITY ~ SMF-12
MIN. TOB EL.= 86.00
NWL EL.= 84.00
MIN. DEPTH BOT. EL.= 76.00
MAX DEPTH BOT. EL.= 72.00
DHW (100 YR) EL.= 84.71
DHW (25 YR) EL.= 84.53
DHW (10 YR) EL.=84.37
DHW (MEAN) EL.= 84.18

STORMWATER MANAGEMENT FACILITY ~ SMF-13
MIN. TOB EL.= 84.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 82.86
DHW (25 YR) EL.= 82.44
DHW (10 YR) EL.=82.19
DHW (MEAN) EL.= 81.89

STORMWATER MANAGEMENT FACILITY ~ SMF-14
MIN. TOB EL.= 84.50
NWL EL.= 81.50
MIN. DEPTH BOT. EL.= 73.50
MAX DEPTH BOT. EL.= 69.50
DHW (100 YR) EL.= 84.51
DHW (25 YR) EL.= 83.79
DHW (10 YR) EL.=83.28
DHW (MEAN) EL.= 82.51

BASIN SUB-11
AREA = 8.4
CN = 74
Tc = 22
K (SCS) = 484

BASIN COMP-01
AREA = 3.6
CN = 68
Tc = 10
K (SCS) = 484

BASIN RY-01
AREA = 10.6
CN = 69
Tc = 10
K (SCS) = 484

BASIN RY-02
AREA = 0.6
CN = 45
Tc = 10
K (SCS) = 484

BASIN SUB-08
AREA = 5.1
CN = 81
Tc = 15
K (SCS) = 484

BASIN SUB-09
AREA = 4.0
CN = 80
Tc = 23
K (SCS) = 484

BASIN SUB-10
AREA = 3.1
CN = 79
Tc = 17
K (SCS) = 484

BASIN RY-04
AREA = 1.5
CN = 59
Tc = 11
K (SCS) = 484

BASIN RY-05
AREA = 1.2
CN = 58
Tc = 15
K (SCS) = 484

BASIN SUB-12
AREA = 2.3
CN = 56
Tc = 17
K (SCS) = 484

BASIN SUB-13
AREA = 8.5
CN = 71
Tc = 22
K (SCS) = 484

BASIN SUB-06
AREA = 1.2
CN = 75
Tc = 18
K (SCS) = 484

BASIN RY-07
AREA = 4.1
CN = 50
Tc = 15
K (SCS) = 484

BASIN RY-06
AREA = 1.2
CN = 38
Tc = 10
K (SCS) = 484

BASIN SUB-14
AREA = 12.0
CN = 75
Tc = 21
K (SCS) = 484

BASIN SUB-05
AREA = 8.0
CN = 70
Tc = 21
K (SCS) = 484

BASIN RY-08
AREA = 3.2
CN = 50
Tc = 17
K (SCS) = 484

BASIN SUB-03
AREA = 2.2
CN = 77
Tc = 10
K (SCS) = 484

BASIN SUB-07
AREA = 4.4
CN = 78
Tc = 19
K (SCS) = 484

BASIN SUB-04
AREA = 24.8
CN = 74
Tc = 26
K (SCS) = 484

BASIN SUB-02
AREA = 11.5
CN = 73
Tc = 22
K (SCS) = 484

BASIN RY-03
AREA = 3.3
CN = 56
Tc = 11
K (SCS) = 484

BASIN WET-01-PST
AREA = 11.4
CN = 91
Tc = 10
K (SCS) = 484

BASIN WET-02-PST
AREA = 4.7
CN = 87
Tc = 10
K (SCS) = 484

BASIN WET-04-PST
AREA = 14.8
CN = 91
Tc = 10
K (SCS) = 484

BASIN WET-05-PST
AREA = 3.8
CN = 89
Tc = 10
K (SCS) = 484

NODE SMF-11
NODE S-08E
BASIN S-08E
NODE S-08D
BASIN S-08D
NODE S-08C
BASIN S-08C
NODE OUT-01-PST
NODE SMF-08
NODE S-09A
NODE SMF-09
NODE SMF-10
NODE COMP-01
NODE S-08A
BASIN S-08A
NODE S-08B
BASIN S-08B
NODE WET-01-PST
NODE SMF-02
NODE SMF-07
NODE S-05D
BASIN S-05D
NODE S-05F
BASIN S-05F
NODE S-05C
BASIN S-05C
NODE S-05B
BASIN S-05B
NODE S-05A
BASIN S-05A
NODE SMF-05
NODE SMF-06
NODE WET-04-PST
NODE SMF-12
NODE WET-02-PST
NODE SMF-13
NODE OUT-02-PST
NODE OUT-03-PST
NODE SMF-14
NODE SMF-03
NODE WET-05-PST
NODE S-04C
NODE S-04D

CONTROL STRUCTURE (CS-11)
CONTROL STRUCTURE (CS-08)
CONTROL STRUCTURE (CS-02)
CONTROL STRUCTURE (CS-05)
CONTROL STRUCTURE (CS-12)
CONTROL STRUCTURE (CS-13)
CONTROL STRUCTURE (CS-14)
CONTROL STRUCTURE (CS-03)

BUFFER TREATMENT AREA 02
BUFFER TREATMENT AREA 03
BUFFER TREATMENT AREA 04
BUFFER TREATMENT AREA 05
BUFFER TREATMENT AREA 06
BUFFER TREATMENT AREA 07
BUFFER TREATMENT AREA 08
BUFFER TREATMENT AREA 09
BUFFER TREATMENT AREA 10
BUFFER TREATMENT AREA 11
BUFFER TREATMENT AREA 12
BUFFER TREATMENT AREA 13
BUFFER TREATMENT AREA 14

SEASONAL HIGH WATER ELEVATION = 81.34±
SEASONAL HIGH WATER ELEVATION = 81.53±
SEASONAL HIGH WATER ELEVATION = 80.96±
SEASONAL HIGH WATER ELEVATION = 81.20±
SEASONAL HIGH WATER ELEVATION = 80.57±
SEASONAL HIGH WATER ELEVATION = 80.49±
SEASONAL HIGH WATER ELEVATION = 80.39±
SEASONAL HIGH WATER ELEVATION = 79.92±
SEASONAL HIGH WATER ELEVATION = 80.19±
SEASONAL HIGH WATER ELEVATION = 80.60±

SJRWMD JURISDICTIONAL WETLANDS

OVERTREATMENT-06 (0.29 Ac.±)

150'

KEYMAP

A
B

LEGEND

- SJRWMD JURISDICTIONAL WETLANDS
- NATURAL / VEGETATIVE UPLAND BUFFER
- SOIL DIVIDE LINE
- DRAINAGE DIVIDE LINE
- 25 EXISTING CONTOUR
- 3 SOIL NUMBER

SOIL NUMBER	SOIL DESCRIPTION	HYD. GROUP
5	APOPKA 0%-5%	A
6	APOPKA 5%-12%	A
8	CANDLER 0%-5%	A
9	CANDLER 5%-12%	A
17	ARENTS	B
25	KENDRICK	A
28	MYAKKA	A/D
31	OCOEE	A/D
45	TAVARES	A
99	WATER	

SOURCE: USDA WEB SOIL SURVEY
AUGUST 27, 2022
LAKE COUNTY, FLORIDA

CW PRIME
CONNELLY & WICKER, LLC
10060 SKINNER LAKE DRIVE SUITE 500 JACKSONVILLE, FLORIDA 32246
PH: 904-265-3030 FAX: 904-265-3031 FLORIDA REGISTRY 3650

No.	Date	Revision	By
A			
A			
A			
A			
A			
A			

POST DEVELOPMENT DRAINAGE PLAN

HILLSIDE GROVE PHASES 2-4 HOWEY IN THE HILLS

PREPARED FOR
MERITAGE HOMES

JUSTIN ELLERY WILLIAMS
P.E. NUMBER: 69260
Reg. Engineer

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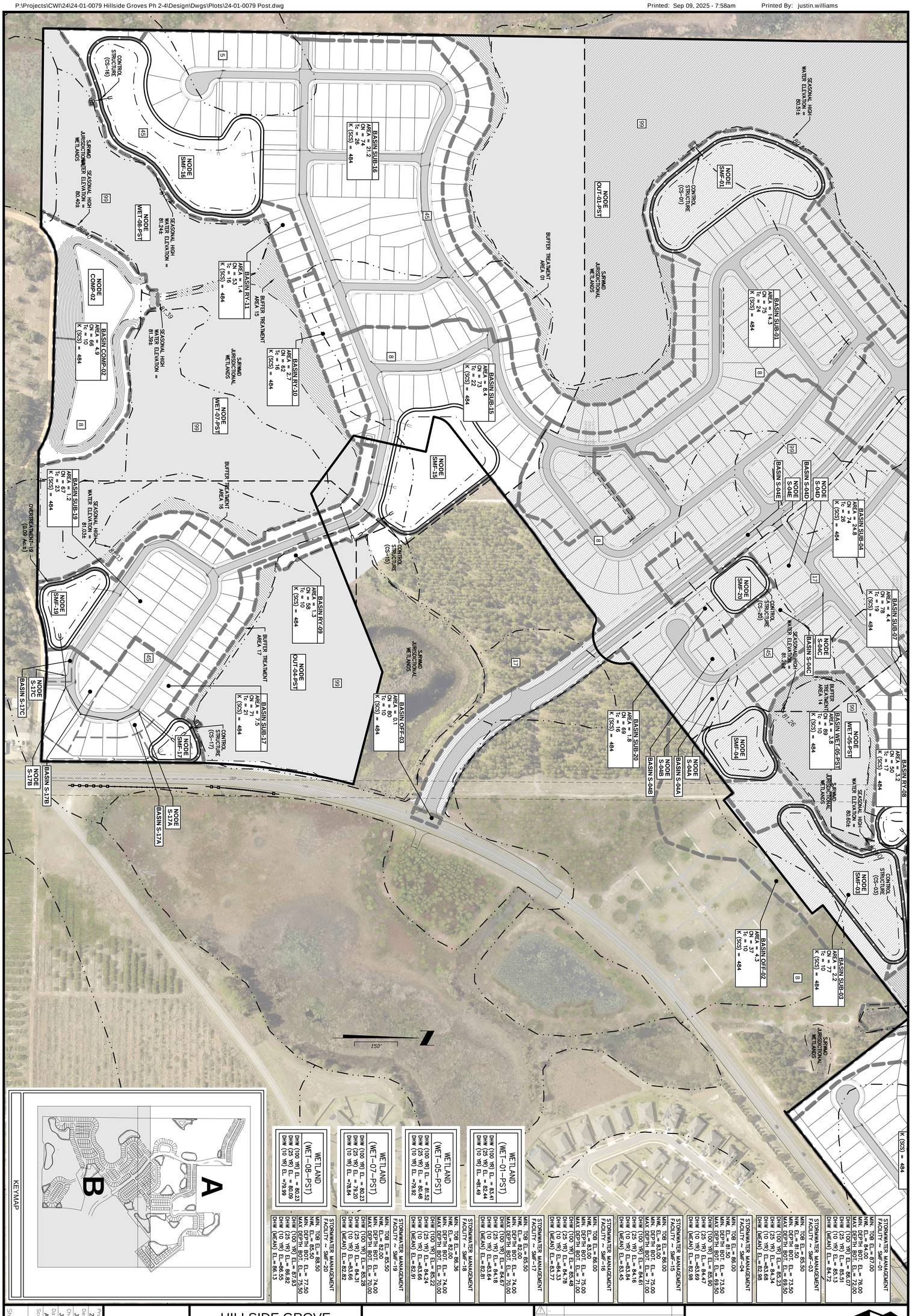
Project No.:	24-01-0079
Designed:	JEW
Drawn:	DCG
Checked:	JEW
O.C.:	RCW
Date:	APR 2025
Scale:	1" =150'
Sheet	6A



Project No:	24-01-0079
Designed:	DCG
Drawn:	JEW
Checked:	RCW
Date:	APR 2025
Scale:	1" =150'
Sheet	6B

JUSTIN ELLERY WILLIAMS
P.E. NUMBER: 69260
Reg. Engineer

HILLSIDE GROVE
PHASES 2-4
HOWEY IN THE HILLS

PREPARED FOR
MERITAGE HOMES

POST DEVELOPMENT DRAINAGE PLAN

No.	Date	Revision	By
1			
2			
3			
4			
5			
6			

CONNELLY & WICKER, LLC
10060 SKINNER LAKE DRIVE SUITE 500 JACKSONVILLE, FLORIDA 32246
PH: 904-265-3030 FAX: 904-265-3031 FLORIDA REGISTRY 3650

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CONNELLY & WICKER, INC.

Hillside Grove
Post-Development - Weighted Curve Number Calculations

Post-Development Area COMP-01 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.9	39	73
Varies	Standing Water	1.7	100	173
Total Ac / Weighted Cn		**3.6**		**68**

Post-Development Area COMP-02 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Lawns (Good Condition, > 75% grass cover)	2.8	39	108
Varies	Standing Water	2.1	100	213
Total Ac / Weighted Cn		**4.9**		**66**

CONNELLY & WICKER, INC.

Hillside Grove

Post-Development - Weighted Curve Number Calculations

Post-Development Area OFF-02 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Non-cultivated: Woods (Fair)	2.4	36	87
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.9	39	73
Total Ac / Weighted Cn		**4.3**		**37**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	0	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**0**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	0	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.22	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	0	LF
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

CONNELLY & WICKER, INC.

Hillside Grove

Post-Development - Weighted Curve Number Calculations

Post-Development Area OFF-03 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	90' R/W (70% Impervious)	0.1	80	6
Total Ac / Weighted Cn		**0.1**		**80**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	0	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**0**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	0	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.22	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	0	LF
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

CONNELLY & WICKER, INC.

Hillside Grove

Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-01 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	7.5	73	545
Type A Soils	Row Houses / Townhouses (78% Impervious)	1.5	87	126
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.7	39	67
Total Ac / Weighted Cn		**10.6**		**69**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.038	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**9**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	21	LF
Watercourse Slope, s	0.038	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	3.15	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

Post-Development Area RY-02 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	90' R/W (70% Impervious)	0.1	80	7
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.6	39	23
Total Ac / Weighted Cn		**0.7**		**44**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	25	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.280	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**1**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-03 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/10 Ac. lots (65% Impervious)	1.5	77	119
Type A Soils	Row Houses / Townhouses (78% Impervious)	0.1	87	4
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.9	39	73
Total Ac / Weighted Cn		**3.5**		**57**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.026	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**11**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	17	LF
Watercourse Slope, s	0.026	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.58	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**11**	Min.

Post-Development Area RY-04 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Row Houses / Townhouses (78% Impervious)	0.6	87	52
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.9	39	76
Total Ac / Weighted Cn		**2.5**		**50**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.026	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**11**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	17	LF
Watercourse Slope, s	0.026	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.58	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**11**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-05 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	0.7	73	51
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.5	39	21
Total Ac / Weighted Cn		**1.2**		**58**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	18	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**15**	Min.

Post-Development Area RY-06 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.9	39	34
Total Ac / Weighted Cn		**0.9**		**39**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	25	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**5**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-07 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	0.8	73	57
Type A Soils	Lawns (Good Condition, > 75% grass cover)	3.5	39	135
Total Ac / Weighted Cn		**4.2**		**45**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	44	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**15**	Min.

Post-Development Area RY-08 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/10 Ac. lots (65% Impervious)	0.4	77	34
Type A Soils	Non-cultivated: Woods (Fair)	0.3	36	10
Type A Soils	Lawns (Good Condition, > 75% grass cover)	2.0	39	76
Total Ac / Weighted Cn		**2.7**		**45**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	211	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**17**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-09 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	0.7	73	53
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.5	39	19
Total Ac / Weighted Cn		**1.2**		**59**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	45	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**8**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

Post-Development Area RY-10 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	1.8	73	134
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.9	39	34
Total Ac / Weighted Cn		**2.7**		**62**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	88	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area RY-11 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	0.6	73	42
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.8	39	31
Total Ac / Weighted Cn		**1.4**		**53**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.8	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	67	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-01 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	8.7	73	631
Type A Soils	Residential: 1/10 Ac. lots (65% Impervious)	1.9	77	149
Type A Soils	Recreational: 25% impervious	0.8	62	48
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.9	39	34
Varies	Normal Water Level	2.1	100	210
Total Ac / Weighted Cn		**14.3**		**75**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	31	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	372	LF
Watercourse Slope, s	0.014	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.87	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	591	LF
Tc segment Tt = L / (60 * V)	**4**	Min.
Tc Total (Min. 10 minutes) =	**24**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-02 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	6.2	73	449
Type A Soils	90' R/W (70% Impervious)	2.4	80	188
Type A Soils	Recreational: 70% impervious	1.2	82	99
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.3	39	50
Varies	Normal Water Level	0.5	100	46
Total Ac / Weighted Cn		**11.5**		**73**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.011	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**16**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	21	LF
Watercourse Slope, s	0.013	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.83	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	195	LF
Watercourse Slope, s	0.003	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.19	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	450	LF
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**22**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-03 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.9	39	33
Varies	Normal Water Level	1.4	100	137
Total Ac / Weighted Cn		**2.2**		**77**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	25	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.202	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**2**	Min.
Tc Total (Min. 10 minutes) =	**10**	Min.

Post-Development Area SUB-04 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	15.3	73	1119
Type B Soils	Residential: 1/8 Ac. lots (60% Impervious)	3.4	83	278
Type A Soils	90' R/W (70% Impervious)	2.8	80	225
Type B Soils	90' R/W (70% Impervious)	1.1	87	97
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.7	39	67
Varies	Normal Water Level	0.5	100	46
Total Ac / Weighted Cn		**24.8**		**74**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	93	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**16**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	132	LF
Watercourse Slope, s	0.035	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	3.81	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	1314	LF
Tc segment Tt = L / (60 * V)	**9**	Min.
Tc Total (Min. 10 minutes) =	**26**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-05 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	2.6	73	186
Type A Soils	Lawns (Good Condition, > 75% grass cover)	2.1	39	83
Varies	Normal Water Level	0.6	100	63
Total Ac / Weighted Cn		**5.3**		**63**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	104	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.22	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	178	LF
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**19**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-06 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	2.0	73	143
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.5	39	19
Varies	Normal Water Level	0.7	100	73
Total Ac / Weighted Cn		**3.2**		**74**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	45	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**9**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	265	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.24	Ft / s
Tc segment Tt = L / (60 * V)	**4**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	433	LF
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-07 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/10 Ac. lots (65% Impervious)	3.9	77	303
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.1	39	41
Varies	Normal Water Level	0.7	100	73
Total Ac / Weighted Cn		**5.7**		**73**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	427	LF
Watercourse Slope, s	0.005	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.50	Ft / s
Tc segment Tt = L / (60 * V)	**5**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	507	LF
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**25**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-08 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Row Houses / Townhouses (78% Impervious)	0.4	87	35
Type A Soils	90' R/W (70% Impervious)	2.7	80	218
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.6	39	25
Varies	Normal Water Level	1.4	100	135
Total Ac / Weighted Cn		**5.1**		**81**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	71	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**13**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	92	LF
Watercourse Slope, s	0.005	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.52	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	170	LF
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**15**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-09 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Row Houses / Townhouses (78% Impervious)	2.8	87	246
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.7	39	27
Varies	Normal Water Level	0.6	100	62
Total Ac / Weighted Cn		**4.1**		**81**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	35	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**7**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	290	LF
Watercourse Slope, s	0.001	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	0.50	Ft / s
Tc segment Tt = L / (60 * V)	**10**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	0	LF
Watercourse Slope, s	0.003	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.21	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	370	LF
Tc segment Tt = L / (60 * V)	**2**	Min.
Tc Total (Min. 10 minutes) =	**19**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-10 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Row Houses / Townhouses (78% Impervious)	1.7	87	151
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.7	39	25
Varies	Normal Water Level	0.7	100	65
Total Ac / Weighted Cn		**3.0**		**79**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	70	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**13**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	180	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.24	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	181	LF
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-11 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Row Houses / Townhouses (78% Impervious)	5.5	87	475
Type A Soils	90' R/W (70% Impervious)	0.5	80	42
Type A Soils	Lawns (Good Condition, > 75% grass cover)	2.2	39	86
Varies	Normal Water Level	0.2	100	16
Total Ac / Weighted Cn		**8.4**		**74**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	70	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**13**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	0	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	240	LF
Watercourse Slope, s	0.003	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.21	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	913	LF
Tc segment Tt = L / (60 * V)	**6**	Min.
Tc Total (Min. 10 minutes) =	**22**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-12 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.8	39	29
Varies	Normal Water Level	0.6	100	62
Total Ac / Weighted Cn		**1.4**		**67**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	85	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**15**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	0	LF
Watercourse Slope, s	0.250	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	10.06	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Tc Total (Min. 10 minutes) =	**15**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-13 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	3.8	73	279
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.9	39	74
Varies	Normal Water Level	1.6	100	163
Total Ac / Weighted Cn		**7.4**		**70**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	28	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	220	LF
Watercourse Slope, s	0.007	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.69	Ft / s
Tc segment Tt = L / (60 * V)	**2**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	501	LF
Tc segment Tt = L / (60 * V)	**3**	Min.
Tc Total (Min. 10 minutes) =	**22**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-14 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/10 Ac. lots (65% Impervious)	9.2	77	708
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.4	39	53
Varies	Normal Water Level	0.9	100	87
Total Ac / Weighted Cn		**11.4**		**74**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	400	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.24	Ft / s
Tc segment Tt = L / (60 * V)	**5**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	1038	LF
Tc segment Tt = L / (60 * V)	**7**	Min.
Tc Total (Min. 10 minutes) =	**29**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-15 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	5.4	73	391
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.3	39	50
Varies	Normal Water Level	1.9	100	192
Total Ac / Weighted Cn		**8.5**		**74**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	0	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**0**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	110	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.26	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	663	LF
Tc segment Tt = L / (60 * V)	**4**	Min.
Tc Total (Min. 10 minutes) =	**22**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-16 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	16.3	73	1193
Type A Soils	Lawns (Good Condition, > 75% grass cover)	2.4	39	92
Varies	Normal Water Level	2.5	100	246
Total Ac / Weighted Cn		**21.2**		**72**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Swale		
Surface Description (Paved or Unpaved)	Unpaved	
Flow Length, L	60	LF
Watercourse Slope, s	0.010	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.61	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment C - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	50	LF
Watercourse Slope, s	0.005	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.52	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment D - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	802	LF
Tc segment Tt = L / (60 * V)	**5**	Min.
Tc Total (Min. 10 minutes) =	**24**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-17 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	3.1	73	223
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.0	39	39
Varies	Normal Water Level	0.2	100	17
Total Ac / Weighted Cn		**4.2**		**66**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	200	LF
Watercourse Slope, s	0.004	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.24	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	178	LF
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**21**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-19 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	3.9	73	288
Type A Soils	Lawns (Good Condition, > 75% grass cover)	1.2	39	46
Varies	Normal Water Level	0.5	100	46
Total Ac / Weighted Cn		**5.6**		**68**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	100	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.010	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**17**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	300	LF
Watercourse Slope, s	0.005	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	1.50	Ft / s
Tc segment Tt = L / (60 * V)	**3**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	550	LF
Tc segment Tt = L / (60 * V)	**4**	Min.
Tc Total (Min. 10 minutes) =	**24**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area SUB-20 - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Residential: 1/8 Ac. lots (60% Impervious)	0.6	73	45
Type A Soils	90' R/W (70% Impervious)	0.4	80	32
Type A Soils	Lawns (Good Condition, > 75% grass cover)	0.5	39	19
Type A Soils	Dry Retention Stormwater Management Facility	0.3	39	12
Total Ac / Weighted Cn		**1.8**		**60**

Calculate Time of Concentration		
Segment A - Sheet Flow: Overland		
Surface Description	Dense grasses	
Manning's roughness coefficient (n) (from Table 3-1 TR-55)	0.24	
Flow length (L) (total <= 100')	96	LF
Two-Yr 24-Hr Rainfall, P2 (Interpolated SJRWMD Handbook)	4.0	Inches
Land Slope, (s)	0.014	Ft / Ft
Tc segment Tt = ((0.007 x (n x L)^0.8) / ((P2^ 0.5) x (s ^ 0.4))) * 60	**14**	Min.
Segment B - Shallow Concentrated Flow: Gutter		
Surface Description (Paved or Unpaved)	Paved	
Flow Length, L	170	LF
Watercourse Slope, s	0.016	Ft / Ft
Average Velocity, V (from Figure 3-1 TR-55)	2.59	Ft / s
Tc segment Tt = L / (60 * V)	**1**	Min.
Segment C - Pipe Flow		
Surface Description	Concrete Pipe	
Minimum Design Velocity (V)	2.50	Ft / Sec
Flow length (L)	98	LF
Tc segment Tt = L / (60 * V)	**1**	Min.
Tc Total (Min. 10 minutes) =	**16**	Min.

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Post-Development - Weighted Curve Number Calculations

Post-Development Area WET-01-PST - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated Row: poor straight row	1.3	72	92
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	0.0	49	0
Type A Soils	Wetland: Pine flatwoods	10.1	93	938
Varies	Standing Water	0.0	100	0
Total Ac / Weighted Cn		**11.4**		**91**

Post-Development Area WET-02-PST - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated Row: poor straight row	1.3	72	92
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	0.0	49	0
Type A Soils	Wetland: Pine flatwoods	3.4	93	313
Varies	Standing Water	0.0	100	0
Total Ac / Weighted Cn		**4.7**		**87**

Post-Development Area WET-04-PST - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated Row: poor straight row	1.6	72	117
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	0.0	49	0
Type A Soils	Wetland: Pine flatwoods	13.4	93	1250
Varies	Standing Water	0.0	100	0
Total Ac / Weighted Cn		**15.1**		**91**

Post-Development Area WET-05-PST - Calculate Weighted Curve Number				
Soil Types	Land Type	Acres +/-	Cn	Ac * Cn
Type A Soils	Cultivated Row: poor straight row	0.7	72	51
Type A Soils	Non-cultivated: Pasture, No Mech. Treat. (Fair)	0.0	49	0
Type A Soils	Wetland: Pine flatwoods	3.2	93	293
Varies	Standing Water	0.0	100	0
Total Ac / Weighted Cn		**3.9**		**89**

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Hillside Grove **SMF-05** **SMF-06** **SMF-07**

Treatment Volume and Bleeddown Calculations

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	14.2	Ac +/-
Area at Normal Water Level	2.1	Ac +/-
Normal Water Level Elevation	81.50	MSL
Proposed Weir Elevation	82.10	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	81.50	MSL
Bleeddown Slot Width (Span)	5.2	Inches
Height from NWL to Weir Elevation (Rise)	7.2	Inches

Calculate Impervious Area (excludes NWL area)				
Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	8.4	65%	0.7	45.3%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	3.7	0%	0.3	0.0%
Totals	**12.1**		**1.0**	**45.3%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	1.18	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	1.14	Ac-Ft
		Use Higher Value for Required Treatment Volume	**1.18**	**Ac-Ft**
		Total Treatment Provided	**1.32**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-05	EL.	84.50	82.10	81.50	77.50	73.50	69.50
	Area (Ac.)	1.07	0.72	0.63	0.14	0.01	0.00
	Vol. (Ac-Ft)	2.55	0.40	0	1.54	1.84	1.86
SMF-06	EL.	84.50	82.10	81.50	77.50	73.50	69.50
	Area (Ac.)	1.03	0.79	0.73	0.44	0.26	0.11
	Vol. (Ac-Ft)	2.64	0.46	0	2.34	3.74	4.48
SMF-07	EL.	84.50	82.10	81.50	77.50	73.50	69.50
	Area (Ac.)	1.05	0.79	0.73	0.43	0.23	0.09
	Vol. (Ac-Ft)	2.67	0.46	0	2.32	3.64	4.28

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.30	Feet
2. h2 (Head) = (Weir El - NWL El)	0.60	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.45	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf)	0.332	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf)	0.266	CFS
6. Use Q between Q24 and Q30	0.331	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.34	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.43**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove **SMF-05 SMF-06 SMF-07**

Permanent Pool Volume Calculations

Wet Detention SMF Data Summary		
Total Permanent Pool Required	2.18	Acre-Feet
Total Permanent Pool Provided	9.22	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	2.1	100	0.00	4.200	1.000	2.09
Residential Area	8.4	77	2.99	1.970	0.469	3.96
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	3.7	39	15.64	0.069	0.016	0.06
Totals	**14.2**					**6.11**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**15.78**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.000	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**0.11**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.10**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**2.18**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**9.22**	**Acre-Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	75	SF
Backslope Length	50	Feet
Assume Groundwater El (Based on project Geotechnical Report)	83.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	1.5	Feet
Q (groundwater inflow) = KIA	**0.000**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.00**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove **SMF-08** **SMF-09** **SMF-10** **SMF-11**

Treatment Volume and Bleeddown Calculations

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	20.6	Ac +/-
Area at Normal Water Level	2.8	Ac +/-
Normal Water Level Elevation	83.00	MSL
Proposed Weir Elevation	84.15	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	83.00	MSL
Bleeddown Slot Width (Span)	5.3	Inches
Height from NWL to Weir Elevation (Rise)	13.8	Inches

Calculate Impervious Area (excludes NWL area)				
Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	10.4	80%	0.6	46.7%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	3.3	70%	0.2	12.8%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	4.2	0%	0.2	0.0%
Totals	**17.9**		**1.0**	**59.5%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	1.72	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	2.21	Ac-Ft
		Use Higher Value for Required Treatment Volume	**2.21**	**Ac-Ft**
		Total Treatment Provided	**3.41**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-08	EL.	86.00	84.15	83.00	79.00	75.00	71.00
	Area (Ac.)	1.70	1.48	1.35	0.94	0.65	0.40
	Vol. (Ac-Ft)	4.58	1.63	0	4.58	7.76	9.86
SMF-09	EL.	86.00	84.15	83.00	79.00	75.00	71.00
	Area (Ac.)	0.86	0.71	0.62	0.34	0.17	0.05
	Vol. (Ac-Ft)	2.22	0.77	0	1.92	2.94	3.38
SMF-10	EL.	86.00	84.15	83.00	79.00	75.00	71.00
	Area (Ac.)	0.89	0.74	0.65	0.37	0.19	0.06
	Vol. (Ac-Ft)	2.31	0.80	0	2.04	3.16	3.66
SMF-11	EL.	86.50	84.15	83.00	79.00	75.00	71.00
	Area (Ac.)	0.33	0.22	0.16	0.02	0.00	0.00
	Vol. (Ac-Ft)	0.86	0.22	0	0.36	0.40	0.40

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.58	Feet
2. h2 (Head) = (Weir El - NWL El)	1.15	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.86	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf)	0.860	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf)	0.688	CFS
6. Use Q between Q24 and Q30 (and Closer to Q30)	0.689	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.27	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.44**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove **SMF-08 SMF-09 SMF-10 SMF-11**

Permanent Pool Volume Calculations

Wet Detention SMF Data Summary		
Total Permanent Pool Required	3.35	Acre-Feet
Total Permanent Pool Provided	14.26	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	2.8	100	0.00	4.200	1.000	2.78
Residential Area	10.4	77	2.99	1.970	0.469	4.89
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	3.3	80	2.50	2.208	0.526	1.71
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	4.2	39	15.64	0.069	0.016	0.07
Totals	**20.6**					**9.45**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**24.41**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.000	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**0.00**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.16**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**3.35**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**14.26**	**Acre-Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	0	SF
Backslope Length	2650	Feet
Assume Groundwater El (Based on project Geotechnical Report)	83.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	0.0	Feet
Q (groundwater inflow) = KIA	**0.000**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.00**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove

Treatment Volume and Bleeddown Calculations **SMF-12**

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	1.4	Ac +/-
Area at Normal Water Level	0.6	Ac +/-
Normal Water Level Elevation	84.00	MSL
Proposed Weir Elevation	84.50	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	84.00	MSL
Bleeddown Slot Width (Span)	2.0	Inches
Height from NWL to Weir Elevation (Rise)	6.0	Inches

Calculate Impervious Area (excludes NWL area)				
Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	0.0	65%	0.0	0.0%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	0.8	0%	1.0	0.0%
Totals	**0.8**		**1.0**	**0.0%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	0.11	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	0.00	Ac-Ft
		Use Higher Value for Required Treatment Volume	**0.11**	**Ac-Ft**
		Total Treatment Provided	**0.32**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-12	EL.	86.00	84.50	84.00	79.00	76.00	72.00
	Area (Ac.)	0.77	0.66	0.62	0.35	0.17	0.05
	Vol. (Ac-Ft)	1.39	0.32	0	2.43	3.21	3.65

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.25	Feet
2. h2 (Head) = (Weir El - NWL El)	0.50	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.38	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf / Acre)	0.081	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf / Acre)	0.064	CFS
6. Use Q between Q24 and Q30 (and Closer to Q30)	0.065	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.09	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.16**	**Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	0	SF
Backslope Length	650	Feet
Assume Groundwater El (Based on project Geotechnical Report)	84.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	0.0	Feet
Q (groundwater inflow) = KIA	**0.000**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.00**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove

Permanent Pool Volume Calculations **SMF-12**

Wet Detention SMF Data Summary		
Total Permanent Pool Required	0.22	Acre-Feet
Total Permanent Pool Provided	3.21	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	0.6	100	0.00	4.200	1.000	0.62
Residential Area	0.0	77	2.99	1.970	0.469	0.00
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	0.8	39	15.64	0.069	0.016	0.01
Totals	**1.4**					**0.63**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**1.63**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.000	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**0.00**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.01**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**0.22**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**3.21**	**Acre-Feet**

Connelly & Wicker, Inc.

Hillside Grove

Treatment Volume and Bleeddown Calculations **SMF-13**

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	7.4	Ac +/-
Area at Normal Water Level	1.6	Ac +/-
Normal Water Level Elevation	81.50	MSL
Proposed Weir Elevation	82.00	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	81.50	MSL
Bleeddown Slot Width (Span)	4.3	Inches
Height from NWL to Weir Elevation (Rise)	6.0	Inches

Calculate Impervious Area (excludes NWL area)				
Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	3.8	60%	0.7	40.0%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	1.9	0%	0.3	0.0%
Totals	**5.7**		**1.0**	**40.0%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	0.61	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	0.48	Ac-Ft
		Use Higher Value for Required Treatment Volume	**0.61**	**Ac-Ft**
		Total Treatment Provided	**0.84**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-13	EL.	84.50	82.00	81.50	76.50	73.50	69.50
	Area (Ac.)	2.22	1.73	1.63	0.97	0.48	0.09
	Vol. (Ac-Ft)	5.78	0.84	0	6.50	8.68	9.82

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.25	Feet
2. h2 (Head) = (Weir El - NWL El)	0.50	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.38	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf / Acre)	0.212	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf / Acre)	0.169	CFS
6. Use Q between Q24 and Q30	0.211	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.29	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.36**	**Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	63	SF
Backslope Length	125	Feet
Assume Groundwater El (Based on project Geotechnical Report)	82.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	0.5	Feet
Q (groundwater inflow) = KIA	**0.000**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.00**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove

Permanent Pool Volume Calculations **SMF-13**

Wet Detention SMF Data Summary		
Total Permanent Pool Required	1.24	Acre-Feet
Total Permanent Pool Provided	8.68	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	1.6	100	0.00	4.200	1.000	1.63
Residential Area	3.8	77	2.99	1.970	0.469	1.79
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	1.9	39	15.64	0.069	0.016	0.03
Totals	**7.4**					**3.45**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**8.92**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.000	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**0.09**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.06**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**1.24**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**8.68**	**Acre-Feet**

Connelly & Wicker, Inc.

Hillside Grove

Treatment Volume and Bleeddown Calculations **SMF-14**

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	11.4	Ac +/-
Area at Normal Water Level	0.9	Ac +/-
Normal Water Level Elevation	81.50	MSL
Proposed Weir Elevation	82.90	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	81.50	MSL
Bleeddown Slot Width (Span)	3.7	Inches
Height from NWL to Weir Elevation (Rise)	16.8	Inches

Calculate Impervious Area (excludes NWL area)

Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	9.2	65%	0.9	56.6%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	1.4	0%	0.1	0.0%
Totals	**10.6**		**1.0**	**56.6%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	0.95	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	1.24	Ac-Ft
		Use Higher Value for Required Treatment Volume	**1.24**	**Ac-Ft**
		Total Treatment Provided	**1.32**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-14	EL.	84.50	82.90	81.50	76.50	73.50	69.50
	Area (Ac.)	1.18	1.01	0.87	0.53	0.33	0.18
	Vol. (Ac-Ft)	3.08	1.32	0	3.50	4.79	5.81

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.70	Feet
2. h2 (Head) = (Weir El - NWL El)	1.40	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	1.05	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf / Acre)	0.333	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf / Acre)	0.266	CFS
6. Use Q between Q24 and Q30	0.332	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.10	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.31**	**Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	0	SF
Backslope Length	1290	Feet
Assume Groundwater El (Based on project Geotechnical Report)	81.5	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	0.0	Feet
Q (groundwater inflow) = KIA	**0.000**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.00**	**Feet**

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Hillside Grove

Permanent Pool Volume Calculations **SMF-14**

Wet Detention SMF Data Summary		
Total Permanent Pool Required	1.84	Acre-Feet
Total Permanent Pool Provided	4.79	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	0.9	100	0.00	4.200	1.000	0.87
Residential Area	9.2	77	2.99	1.970	0.469	4.31
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	1.4	39	15.64	0.069	0.016	0.02
Totals	**11.4**					**5.20**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**13.44**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.000	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**0.00**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.09**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**1.84**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**4.79**	**Acre-Feet**

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Hillside Grove

Treatment Volume and Bleeddown Calculations **SMF-15**

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	8.5	Ac +/-
Area at Normal Water Level	1.9	Ac +/-
Normal Water Level Elevation	83.00	MSL
Proposed Weir Elevation	83.55	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	82.95	MSL
Bleeddown Slot Width (Span)	4.8	Inches
Height from NWL to Weir Elevation (Rise)	6.6	Inches

Calculate Impervious Area (excludes NWL area)

Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	5.4	60%	0.8	48.5%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	1.3	0%	0.2	0.0%
Totals	**6.6**		**1.0**	**48.5%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	0.71	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	0.67	Ac-Ft
		Use Higher Value for Required Treatment Volume	**0.71**	**Ac-Ft**
		Total Treatment Provided	**1.08**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-15	EL.	86.00	83.55	83.00	78.00	75.00	71.00
	Area (Ac.)	2.36	2.00	1.92	1.42	1.07	0.75
	Vol. (Ac-Ft)	6.42	1.08	0	8.35	12.09	15.73

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.27	Feet
2. h2 (Head) = (Weir El - NWL El)	0.55	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.41	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf / Acre)	0.272	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf / Acre)	0.217	CFS
6. Use Q between Q24 and Q30	0.271	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.32	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.40**	**Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	2205	SF
Backslope Length	735	Feet
Assume Groundwater El (Based on project Geotechnical Report)	86.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	3.0	Feet
Q (groundwater inflow) = KIA	**0.010**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.05**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove

Permanent Pool Volume Calculations **SMF-15**

Wet Detention SMF Data Summary		
Total Permanent Pool Required	2.00	Acre-Feet
Total Permanent Pool Provided	12.09	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	1.9	100	0.00	4.200	1.000	1.92
Residential Area	5.4	77	2.99	1.970	0.469	2.51
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	1.3	39	15.64	0.069	0.016	0.02
Totals	**8.5**					**4.45**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**11.49**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.010	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**3.10**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.10**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**2.00**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**12.09**	**Acre-Feet**

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Hillside Grove

Treatment Volume and Bleeddown Calculations **SMF-16**

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	21.2	Ac +/-
Area at Normal Water Level	2.5	Ac +/-
Normal Water Level Elevation	83.00	MSL
Proposed Weir Elevation	84.00	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	82.95	MSL
Bleeddown Slot Width (Span)	5.5	Inches
Height from NWL to Weir Elevation (Rise)	12.0	Inches

Calculate Impervious Area (excludes NWL area)

Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	16.3	65%	0.9	56.8%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	2.4	0%	0.1	0.0%
Totals	**18.7**		**1.0**	**56.8%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	1.76	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	2.21	Ac-Ft
		Use Higher Value for Required Treatment Volume	**2.21**	**Ac-Ft**
		Total Treatment Provided	**2.58**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-16	EL.	86.00	84.00	83.00	78.00	75.00	71.00
	Area (Ac.)	3.16	2.69	2.46	1.58	0.92	0.44
	Vol. (Ac-Ft)	8.43	2.58	0	10.10	13.85	16.57

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.50	Feet
2. h2 (Head) = (Weir El - NWL El)	1.00	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	0.75	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf / Acre)	0.650	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf / Acre)	0.520	CFS
6. Use Q between Q24 and Q30	0.649	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.31	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.46**	**Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	2100	SF
Backslope Length	1050	Feet
Assume Groundwater El (Based on project Geotechnical Report)	85.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	2.0	Feet
Q (groundwater inflow) = KIA	**0.010**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.05**	**Feet**

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Hillside Grove

Permanent Pool Volume Calculations **SMF-16**

Wet Detention SMF Data Summary		
Total Permanent Pool Required	4.01	Acre-Feet
Total Permanent Pool Provided	13.85	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	2.5	100	0.00	4.200	1.000	2.46
Residential Area	16.3	77	2.99	1.970	0.469	7.66
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	2.4	39	15.64	0.069	0.016	0.04
Totals	**21.2**					**10.16**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**26.25**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.010	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**2.95**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.19**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**4.01**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**13.85**	**Acre-Feet**

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Hillside Grove **SMF-17** **SMF-19**

Treatment Volume and Bleeddown Calculations

Wet Detention SMF Data Summary		
Total Drainage Area to SMF	9.8	Ac +/-
Area at Normal Water Level	0.6	Ac +/-
Normal Water Level Elevation	82.00	MSL
Proposed Weir Elevation	83.40	MSL
Bleeddown Slot Elevation (adjusted for groundwater inflow)	81.90	MSL
Bleeddown Slot Width (Span)	3.4	Inches
Height from NWL to Weir Elevation (Rise)	16.8	Inches

Calculate Impervious Area (excludes NWL area)				
Description (DA)	Area (Ac +/-)	% IMP	Area / Total Ac	Weighted % Impervious
Residential Area	7.0	65%	0.8	49.6%
Commercial Area	0.0	75%	0.0	0.0%
Collector Road	0.0	70%	0.0	0.0%
Recreation Area	0.0	50%	0.0	0.0%
Landscape Area	2.2	0%	0.2	0.0%
Totals	**9.2**		**1.0**	**49.6%**

Calculate Treatment Volume Required				
A.	1.00	Inches of Runoff Times Total Drainage Area to SMF	0.82	Ac-Ft
B.	2.50	Inches times Impervious Area (Excluding NWL area)	0.95	Ac-Ft
		Use Higher Value for Required Treatment Volume	**0.95**	**Ac-Ft**
		Total Treatment Provided	**1.02**	**Ac-Ft**

Storm Water Management Facility Data		Top of Bank (Min. El.)	Proposed Weir	Normal Water Level	Grade Break	Min. Bottom	Max Bottom
SMF-17	EL.	85.50	83.40	82.00	78.00	76.00	74.00
	Area (Ac.)	0.34	0.24	0.17	0.04	0.01	0.00
	Vol. (Ac-Ft)	0.89	0.29	0	0.42	0.47	0.48
SMF-19	EL.	85.50	83.40	82.00	78.00	74.00	70.00
	Area (Ac.)	0.78	0.59	0.46	0.19	0.05	0.00
	Vol. (Ac-Ft)	2.17	0.73	0	1.30	1.78	1.88

Calculate Q for Bleedown Slot for Treatment Volume		
Bleeddown must be no more than half the treatment Volume in the first 24 Hours after the storm event.		
1. h1 (Avg. Head) = (Weir El - NWL El) * (0.5)	0.70	Feet
2. h2 (Head) = (Weir El - NWL El)	1.40	Feet
3. H (Adjusted Head) = (h1 + h2) * (0.5) =	1.05	Feet
4. Max Q24 = (Treat Vol / 2) (1 / 24 Hr) (1 Hr / 3600 sec) (43560 sf)	0.257	CFS
5. Min Q30 = (Treat Vol / 2) (1 / 30 Hrs) (1 Hr / 3600 sec) (43560 sf)	0.206	CFS
6. Use Q between Q24 and Q30	0.256	CFS
Le (effective) = Q(total) / (C * H ^1.5) = Q / 3.2 * Adj Head ^ 3/2	0.07	Feet
L (ends) = Le + N (0.1) H = effect Length + 2 ends * 0.1 * Adj Head	**0.28**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove **SMF-17** **0 SMF-19**

Permanent Pool Volume Calculations

Wet Detention SMF Data Summary		
Total Permanent Pool Required	1.71	Acre-Feet
Total Permanent Pool Provided	2.25	Acre-Feet

Calculate RO coef. for Permanent Pool Volume Calculation

RO = Runoff (inches) = ((P - 0.2S) ^ 2) / (P + 0.8S)

P = Rainfall (inches) = Mean Annual 24 Hour Maximum Storm Event 4.2 Inches

S = Potential maximum retention after runoff begins (inches) = (1000 / CN) - 10

Description (DA)	Area (Ac +/-)	CN	S	RO	RO coef. = RO/P	(Area) * (RO coef.)
Normal Water Level	0.6	100	0.00	4.200	1.000	0.63
Residential Area	7.0	77	2.99	1.970	0.469	3.28
Commercial Area	0.0	83	2.05	2.461	0.586	0.00
Collector Road	0.0	80	2.50	2.208	0.526	0.00
Recreation Area	0.0	74	3.51	1.745	0.415	0.00
Landscape Area	2.2	39	15.64	0.069	0.016	0.04
Totals	**9.8**					**3.94**

Calculate Volume of Surface Runoff during Wet Season		
Rainfall = Normal rainfall depth from June 1st to October 31 (inches)	31	Inches
V = (Area * RO coef.) * (rainfall) / (12 in/ft)	**10.19**	**Acre-Feet**

Calculate Volume of Groundwater Inflow during Wet Season:		
Estimate of Groundwater Infiltration into SMF (See calcs from previous page)	0.007	CFS
V = QT = Total CFS * 153 Days * (3600 * 24) / 43560	**2.25**	**Acre-Feet**

Average Net Daily Discharge from System		
Average Net Daily Discharge = V(Runoff + Groundwater) / 153 days	**0.08**	**Acre-Feet / Day**

Required Volume for Min. 21 Day Hydraulic Residence Time in Lieu of Littoral Zone		
Total Permanent Pool Vol. Required = (Net Daily Discharge x Residence Days)	**1.71**	**Acre-Feet**
Thus, Permanent Pool Volume provided meets requirements	**2.25**	**Acre-Feet**

Calculate Groundwater Infiltration into SMF		
K = Permeability: for soil located near backslope of SMF	20	In / Hr
I = Assume Hydraulic Gradient (Slope of Groundwater)	1.0%	+/-
A = Area of Inflow (Backslope Length x Height of Groundwater)	1600	SF
Backslope Length	800	Feet
Assume Groundwater El (Based on project Geotechnical Report)	84.0	MSL
Height of Groundwater = Groundwater El. - Normal Water El.	2.0	Feet
Q (groundwater inflow) = KIA	**0.007**	**CFS**

Adjust (Lower) Bleeddown Slot to accommodate Groundwater Inflow		
Solve for H using Weir Formula Q = C L H ^3/2, Le = effective Length of Slot, C = 3.2		
H = [Q / (C * Le)] ^ 2/3	**0.10**	**Feet**

Connelly & Wicker, Inc.

Hillside Grove
SMF and Outfall Data Summary

Data Summary - SMF-01		
Top El. (Min.)	87.00	MSL
Normal Water El.	84.00	MSL
Bleeddown Slot El.	84.00	MSL
Bleeddown Slot Size (width)	4.3	Inches
Proposed Weir El.	84.75	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	86.07	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	85.51	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	85.13	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	84.72	MSL

Data Summary - SMF-02		
Top El. (Min.)	86.80	MSL
Normal Water El.	82.30	MSL
Bleeddown Slot El.	82.25	MSL
Bleeddown Slot Size (width)	4.7	Inches
Proposed Weir El.	84.65	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	86.26	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	85.55	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.97	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.73	MSL

Data Summary - SMF-03		
Top El. (Min.)	85.50	MSL
Normal Water El.	81.50	MSL
Bleeddown Slot El.	81.50	MSL
Bleeddown Slot Size (width)	2.25	Inches
Proposed Weir El.	83.05	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.23	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.34	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.68	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.98	MSL

Data Summary - SMF-04		
Top El. (Min.)	86.00	MSL
Normal Water El.	81.50	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.90	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.47	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.69	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.98	MSL

Data Summary - SMF-05		
Top El. (Min.)	84.50	MSL
Normal Water El.	81.50	MSL
Bleeddown Slot El.	81.50	MSL
Bleeddown Slot Size (width)	5.2	Inches
Proposed Weir El.	82.10	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	83.16	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	82.74	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	82.44	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.04	MSL

Connelly & Wicker, Inc.

Hillside Grove
SMF and Outfall Data Summary

Data Summary - SMF-06		
Top El. (Min.)	84.50	MSL
Normal Water El.	81.50	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	83.25	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	82.77	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	82.45	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.04	MSL

Data Summary - SMF-07		
Top El. (Min.)	84.50	MSL
Normal Water El.	81.50	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	83.89	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	83.03	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	82.50	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.05	MSL

Data Summary - SMF-08		
Top El. (Min.)	86.00	MSL
Normal Water El.	83.00	MSL
Bleeddown Slot El.	83.00	MSL
Bleeddown Slot Size (width)	5.3	Inches
Proposed Weir El.	84.15	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.06	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.64	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.34	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.86	MSL

Data Summary - SMF-09		
Top El. (Min.)	86.00	MSL
Normal Water El.	83.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.35	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.71	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.37	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.86	MSL

Data Summary - SMF-10		
Top El. (Min.)	86.00	MSL
Normal Water El.	83.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.39	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.73	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.37	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.86	MSL

Data Summary - SMF-11		
Top El. (Min.)	86.50	MSL
Normal Water El.	83.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.73	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	85.09	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.61	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.87	MSL

Connelly & Wicker, Inc.

Hillside Grove
SMF and Outfall Data Summary

Data Summary - SMF-12		
Top El. (Min.)	86.00	MSL
Normal Water El.	84.00	MSL
Bleeddown Slot El.	84.00	MSL
Bleeddown Slot Size (width)	2.0	Inches
Proposed Weir El.	84.50	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	84.71	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.53	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.37	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	84.18	MSL

Data Summary - SMF-13		
Top El. (Min.)	84.50	MSL
Normal Water El.	81.50	MSL
Bleeddown Slot El.	81.50	MSL
Bleeddown Slot Size (width)	4.3	Inches
Proposed Weir El.	82.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	82.86	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	82.44	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	82.19	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	81.89	MSL

Data Summary - SMF-14		
Top El. (Min.)	84.50	MSL
Normal Water El.	81.50	MSL
Bleeddown Slot El.	81.50	MSL
Bleeddown Slot Size (width)	3.7	Inches
Proposed Weir El.	82.90	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	84.51	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	83.79	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.28	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.51	MSL

Data Summary - SMF-15		
Top El. (Min.)	86.00	MSL
Normal Water El.	83.00	MSL
Bleeddown Slot El.	82.95	MSL
Bleeddown Slot Size (width)	4.8	Inches
Proposed Weir El.	83.55	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	84.61	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.16	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.84	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.45	MSL

Data Summary - SMF-16		
Top El. (Min.)	86.00	MSL
Normal Water El.	83.00	MSL
Bleeddown Slot El.	82.95	MSL
Bleeddown Slot Size (width)	5.5	Inches
Proposed Weir El.	84.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.48	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.78	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	84.33	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	83.77	MSL

Connelly & Wicker, Inc.

Hillside Grove
SMF and Outfall Data Summary

Data Summary - SMF-17		
Top El. (Min.)	85.50	MSL
Normal Water El.	82.00	MSL
Bleeddown Slot El.	81.90	MSL
Bleeddown Slot Size (width)	3.4	Inches
Proposed Weir El.	83.40	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	84.67	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.18	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.64	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.81	MSL

Data Summary - SMF-19		
Top El. (Min.)	85.50	MSL
Normal Water El.	82.00	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	85.28	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	84.31	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	83.66	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	82.82	MSL

Data Summary - SMF-20 Dry Retention		
Top El. (Min.)	88.50	MSL
Bottom El.	86.00	MSL
Proposed Weir El.	86.50	MSL
100 Year Design High Water Elevation (Based on ICPR version 3.10)	87.93	MSL
25 Year Design High Water Elevation (Based on ICPR version 3.10)	86.82	MSL
10 Year Design High Water Elevation (Based on ICPR version 3.10)	86.55	MSL
Mean Annual Design High Water Elevation (Based on ICPR version 3.10)	86.13	MSL

Mean Annual Peak Discharge to Outfalls	PRE cfs +/-	POST cfs +/-
OUT-01-	16.3	12.2
OUT-02-	5.5	0.6
OUT-03-	1.0	0.0
OUT-04-	6.6	1.1

25 Year - 24 Hour Peak Discharge to Outfalls	PRE cfs +/-	POST cfs +/-
OUT-01-	83.5	39.6
OUT-02-	18.2	3.3
OUT-03-	2.4	6.2
OUT-04-	32.6	8.7

Connelly & Wicker, Inc.

Hillside Grove
SMF and Outfall Data Summary

25 Year - 96 Hour Volume Discharge to Closed Basins	PRE	POST
Basins Discharging to Equalized Nodes OUT-01-PRE & WET-01-PRE	Runoff Volume	
Basin Name	(CF)	
PRE-01	1,053,205	
PRE-02	575,424	
PRE-14	57,659	
WET-01-PRE	408,975	
TOTAL:	**2,095,263**	
Basins Discharging to Equalized Nodes OUT-01-PST & WET-01-PST		Runoff Volume
Basin Name		(CF)
COMP-01		89,433
RY-01		266,135
RY-02		7,663
RY-03		61,522
S-08A		12,489
S-08B		12,489
S-08C		3,122
S-08D		24,977
S-08E		21,855
S-09A		83,009
SUB-02		314,372
SUB-08		84,298
SUB-09		39,966
SUB-10		93,817
SUB-11		246,105
WET-01-PST		408,975
TOTAL:		**1,770,227**
Basins Discharging to Equalized Nodes WET-02-PRE	Runoff Volume	
Basin Name	(CF)	
PRE-03	201,652	
WET-02-PRE	159,989	
TOTAL:	**361,641**	
Basins Discharging to Equalized Nodes WET-02-PST		Runoff Volume
Basin Name		(CF)
RY-04		30,327
SUB-12		42,879
WET-02-PST		159,989
TOTAL:		**233,195**
Basins Discharging to Equalized Nodes OUT-02-PRE	Runoff Volume	
Basin Name	(CF)	
PRE-05	190,904	
TOTAL:	**190,904**	
Basins Discharging to Equalized Nodes OUT-02-PST		Runoff Volume
Basin Name		(CF)
RY-04		30,327
TOTAL:		**30,327**

Connelly & Wicker, Inc.

Hillside Grove

FDOT Outfall Data Summary

FDOT 2 Year - 1 Hour Storm Event	**- FDOT002Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		4.03	0.69

FDOT 2 Year - 2 Hour Storm Event	**- FDOT002Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		3.26	0.61

FDOT 2 Year - 4 Hour Storm Event	**- FDOT002Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		4.73	0.98

FDOT 2 Year - 8 Hour Storm Event	**- FDOT002Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		4.91	1.21

FDOT 2 Year - 24 Hour Storm Event	**- FDOT002Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		2.11	1.63

FDOT 2 Year - 72 Hour Storm Event	**- FDOT002Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		2.22	1.56

FDOT 5 Year - 1 Hour Storm Event	**- FDOT005Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		7.98	1.23

FDOT 5 Year - 2 Hour Storm Event	**- FDOT005Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		6.53	1.17

FDOT 5 Year - 4 Hour Storm Event	**- FDOT005Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		7.88	1.76

FDOT 5 Year - 8 Hour Storm Event	**- FDOT005Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		8.84	2.20

FDOT 5 Year - 24 Hour Storm Event	**- FDOT005Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		3.54	2.65

FDOT 5 Year - 72 Hour Storm Event	**- FDOT005Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		3.18	2.38

Connelly & Wicker, Inc.

Hillside Grove

FDOT Outfall Data Summary

FDOT 10 Year - 1 Hour Storm Event	**- FDOT010Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		10.78	1.67

FDOT 10 Year - 2 Hour Storm Event	**- FDOT010Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		9.66	1.72

FDOT 10 Year - 4 Hour Storm Event	**- FDOT010Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		10.87	2.53

FDOT 10 Year - 8 Hour Storm Event	**- FDOT010Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		12.74	3.57

FDOT 10 Year - 24 Hour Storm Event	**- FDOT010Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		5.39	4.22

FDOT 10 Year - 72 Hour Storm Event	**- FDOT010Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		4.17	3.29

FDOT 25 Year - 1 Hour Storm Event	**- FDOT025Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		16.27	2.55

FDOT 25 Year - 2 Hour Storm Event	**- FDOT025Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		13.96	2.48

FDOT 25 Year - 4 Hour Storm Event	**- FDOT025Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		14.51	4.34

FDOT 25 Year - 8 Hour Storm Event	**- FDOT025Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		16.52	5.33

FDOT 25 Year - 24 Hour Storm Event	**- FDOT025Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		6.75	5.34

FDOT 25 Year - 72 Hour Storm Event	**- FDOT025Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		5.84	5.13

Connelly & Wicker, Inc.

Hillside Grove

FDOT Outfall Data Summary

FDOT 50 Year - 1 Hour Storm Event	**- FDOT050Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		20.10	3.17

FDOT 50 Year - 2 Hour Storm Event	**- FDOT050Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		18.19	3.72

FDOT 50 Year - 4 Hour Storm Event	**- FDOT050Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		18.36	6.52

FDOT 50 Year - 8 Hour Storm Event	**- FDOT050Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		36.90	19.30

FDOT 50 Year - 24 Hour Storm Event	**- FDOT050Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		8.87	7.26

FDOT 50 Year - 72 Hour Storm Event	**- FDOT050Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		7.38	6.89

FDOT 100 Year - 1 Hour Storm Event	**- FDOT100Y001H**	PRE cfs +/-	POST cfs +/-
OUT-04-		25.69	4.07

FDOT 100 Year - 2 Hour Storm Event	**- FDOT100Y002H**	PRE cfs +/-	POST cfs +/-
OUT-04-		22.90	5.40

FDOT 100 Year - 4 Hour Storm Event	**- FDOT100Y004H**	PRE cfs +/-	POST cfs +/-
OUT-04-		21.89	8.78

FDOT 100 Year - 8 Hour Storm Event	**- FDOT100Y008H**	PRE cfs +/-	POST cfs +/-
OUT-04-		24.72	10.08

FDOT 100 Year - 24 Hour Storm Event	**- FDOT100Y024H**	PRE cfs +/-	POST cfs +/-
OUT-04-		9.96	8.21

FDOT 100 Year - 72 Hour Storm Event	**- FDOT100Y072H**	PRE cfs +/-	POST cfs +/-
OUT-04-		9.07	8.76

CONNELLY & WICKER, INC.

Average groundwater elevations at stormwater management facilities.

SMF #	Boring #/ Node #	Boring Top Elevation	Depth to Encountered Groundwater	Encountered Groundwater Elevation	Depth to Estimated Seasonal High Groundwater	Estimated Seasonal High Groundwater Elevation	Average Groundwater Elevation	NWL	NWL Height Above Average Groundwater Elevation
1	R-13	85.7	7.1	78.6	4.0	81.7	80.2		
	L-04	85.7	6.9	78.8	4.0	81.7	80.3		
	OUT-01-PST	-	-	79.5	-	83.6	81.5		
			Average:	79.0	Average:	82.3	80.7	84.0	3.3
2	R-11 (01)	84.0	4.5	79.5	2.0	82.0	80.8		
	WET-01-PST	-	-	79.4	-	83.6	81.5		
			Average:	79.4	Average:	82.8	81.1	82.3	1.2
3	P-07 (01)	84.1	9.5	74.6	7.0	77.1	75.8		
	WET-05-PST	-	-	78.5	-	81.2	79.8		
	WET-04-PST	-	-	77.5	-	81.2	79.4		
			Average:	76.9	Average:	79.8	78.3	81.5	3.2
4	L-02	87.4	9.3	78.1	6.5	80.9	79.5		
	WET-05-PST	-	-	78.5	-	81.2	79.8		
			Average:	78.3	Average:	81.1	79.7	81.5	1.8
5	P-07 (01)	84.1	9.5	74.6	7.0	77.1	75.8		
	WET-04-PST	-	-	77.5	-	81.2	79.4		
			Average:	76.0	Average:	79.1	77.6	81.5	3.9
6	R-21	84.4	7.5	76.9	5.0	79.4	78.2		
	B-23	85.6	7.0	78.6	4.5	81.1	79.9		
	WET-04-PST	-	-	77.5	-	81.2	79.4		
			Average:	77.7	Average:	80.6	79.1	81.5	2.4
7	R-26	87.1	8.0	79.1	5.5	81.6	80.3		
	WET-01-PST	-	-	79.4	-	83.6	81.5		
			Average:	79.2	Average:	82.6	80.9	81.5	0.6
8	P-02 (01)	85.0	6.0	79.0	3.5	81.5	80.3		
	OUT-01-PST	-	-	79.5	-	83.6	81.5		
			Average:	79.2	Average:	82.6	80.9	83.0	2.1
9	P-03 (01)	85.7	6.0	79.7	3.5	82.2	81.0		
	WET-01-PST	-	-	79.4	-	83.6	81.5		
			Average:	79.5	Average:	82.9	81.2	83.0	1.8
10	P-04 (01)	86.0	8.5	77.5	6.0	80.0	78.7		
	WET-01-PST	-	-	79.4	-	83.6	81.5		
			Average:	78.4	Average:	81.8	80.1	83.0	2.9
11	P-01 (01)	85.3	5.0	80.3	3.5	81.8	81.0		
	OUT-01-PST	-	-	79.5	-	83.6	81.5		
			Average:	79.9	Average:	82.7	81.3	83.0	1.7
12	R-20 (01)	85.5	9.0	76.5	6.5	79.0	77.7		
	WET-02-PST	-	-	78.5	-	83.6	81.1		
			Average:	77.5	Average:	81.3	79.4	84.0	4.6
13	P-05 (01)	85.3	6.0	79.3	3.5	81.8	80.5		
	OUT-02-PST	-	-	78.3	-	83.6	81.0		
			Average:	78.8	Average:	82.7	80.7	81.5	0.8

SMF #	Boring #/ Node #	Boring Top Elevation	Depth to Encountered Groundwater	Encountered Groundwater Elevation	Depth to Estimated Seasonal High Groundwater	Estimated Seasonal High Groundwater Elevation	Average Groundwater Elevation	NWL	NWL Height Above Average Groundwater Elevation
14	P-06 (01)	85.7	9.0	76.7	6.5	79.2	78.0		
	WET-04-PST	-	-	77.5	-	81.2	79.4		
			Average:	77.1	Average:	80.2	78.7	81.5	2.8
15	P-5 (00)	85.2	3.9	81.3	1.0	84.2	82.7		
	OUT-04-PST	-	-	78.5	-	81.8	80.2		
			Average:	79.9	Average:	83.0	81.4	83.0	1.6
16	P-08 (01)	87.6	8.0	79.6	5.5	82.1	80.8		
	WET-08-PST	-	-	78.8	-	81.8	80.3		
			Average:	79.2	Average:	81.9	80.6	83.0	2.4
17	B-47	86.0	8.0	78.0	5.5	80.5	79.3		
	OUT-04-PST	-	-	78.5	-	81.8	80.2		
			Average:	78.3	Average:	81.2	79.7	82.0	2.3
18	B-45	87.0	5.0	82.0	2.5	84.5	83.3		
	WET-07-PST	-	-	79.2	-	81.8	80.5		
			Average:	80.6	Average:	83.2	81.9	82.0	0.1
19	B-43	84.1	3.0	81.1	0.5	83.6	82.3		
	WET-07-PST	-	-	79.2	-	81.8	80.5		
			Average:	80.1	Average:	82.7	81.4	82.0	0.6

Data for the tables taken from Geotechnical Exploration by Universal Engineering Sciences
dated June 23, 2022 (UES Report No. 1885314), Topographic Survey data provided by Allen & Company.

Connelly & Wicker, Inc.

Hillside Grove
Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 01**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		105	LF
T_c = Time of Concentration = d / v		0.029	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		50%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		4.6	Ac.
Q_p = Peak Runoff Rate = C I A		6.3	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		22542	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		1.7	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.4	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		34709	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		13.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.54	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		39168	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**38325**	**CF**
V_r * 80% =		**18034**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Connelly & Wicker, Inc.

Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 03**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		52	LF
T_c = Time of Concentration = d / v		0.014	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		60%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		1.2	Ac.
Q_p = Peak Runoff Rate = C I A		2.0	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		7057	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		1.2	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.7	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		27113	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		42471	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**39392**	**CF**
V_r * 80% =		**5645**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Connelly & Wicker, Inc.

Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 04**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		59	LF
T_c = Time of Concentration = d / v		0.016	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		60%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		1.2	Ac.
Q_p = Peak Runoff Rate = C I A		2.0	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		7057	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		1.3	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		3.0	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		32931	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		45738	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**41629**	**CF**
V_r * 80% =		**5645**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 05**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		40	LF
T_c = Time of Concentration = d / v		0.011	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		10%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.3	Ac.
Q_p = Peak Runoff Rate = C I A		0.1	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		314	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.2	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.5	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		3267	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		5445	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**4455**	**CF**
V_r * 80% =		**251**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 06**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		30	LF
T_c = Time of Concentration = d / v		0.008	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		10%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.1	Ac.
Q_p = Peak Runoff Rate = C I A		0.0	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		108	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.1	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.3	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		1002	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		1815	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**1575**	**CF**
V_r * 80% =		**86**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Connelly & Wicker, Inc.

Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 07**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		25	LF
T_c = Time of Concentration = d / v		0.007	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		10%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.2	Ac.
Q_p = Peak Runoff Rate = C I A		0.1	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		225	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.4	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.8	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		9862	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		14520	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**8126**	**CF**
V_r * 80% =		**180**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 09**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		124	LF
T_c = Time of Concentration = d / v		0.034	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		30%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.8	Ac.
Q_p = Peak Runoff Rate = C I A		0.6	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		2264	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.1	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		2.3	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		2405	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		4356	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**4217**	**CF**
V_r * 80% =		**1811**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Connelly & Wicker, Inc.

Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 10**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		75	LF
T_c = Time of Concentration = d / v		0.021	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		40%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.4	Ac.
Q_p = Peak Runoff Rate = C I A		0.5	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		1686	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.2	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		4.2	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		7684	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		7623	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**7064**	**CF**
V_r * 80% =		**1349**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 11**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		144	LF
T_c = Time of Concentration = d / v		0.040	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		20%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		2.5	Ac.
Q_p = Peak Runoff Rate = C I A		1.3	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		4822	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		1.0	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		4.8	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		42079	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		36300	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**26822**	**CF**
V_r * 80% =		**3858**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Connelly & Wicker, Inc.

Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 12**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		25	LF
T_c = Time of Concentration = d / v		0.007	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		10%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.1	Ac.
Q_p = Peak Runoff Rate = C I A		0.0	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		118	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.1	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		4.0	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		2788	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		2904	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**2426**	**CF**
V_r * 80% =		**94**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 13**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		38	LF
T_c = Time of Concentration = d / v		0.011	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		20%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.1	Ac.
Q_p = Peak Runoff Rate = C I A		0.0	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		118	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.3	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		6.1	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		13817	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		9438	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**1543**	**CF**
V_r * 80% =		**94**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 14**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		276	LF
T_c = Time of Concentration = d / v		0.077	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		20%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		2.1	Ac.
Q_p = Peak Runoff Rate = C I A		1.1	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		4018	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.6	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		4.9	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		26467	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		13.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.54	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		14629	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**11667**	**CF**
V_r * 80% =		**3215**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 15**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		95	LF
T_c = Time of Concentration = d / v		0.026	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		50%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		1.9	Ac.
Q_p = Peak Runoff Rate = C I A		2.6	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		9213	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		1.1	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		1.0	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		9322	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		38841	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**35545**	**CF**
V_r * 80% =		**7370**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Hillside Grove

Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

Buffer Width Calculation for Upland Buffer	**Buffer Treatment 16**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		55	LF
T_c = Time of Concentration = d / v		0.015	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		20%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.8	Ac.
Q_p = Peak Runoff Rate = C I A		0.4	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		1529	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.4	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		0.8	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		2548	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		14157	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**12371**	**CF**
V_r * 80% =		**1223**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

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Buffer Treatment Calculation - Infiltration Method **Rear Yard Area and Roof**

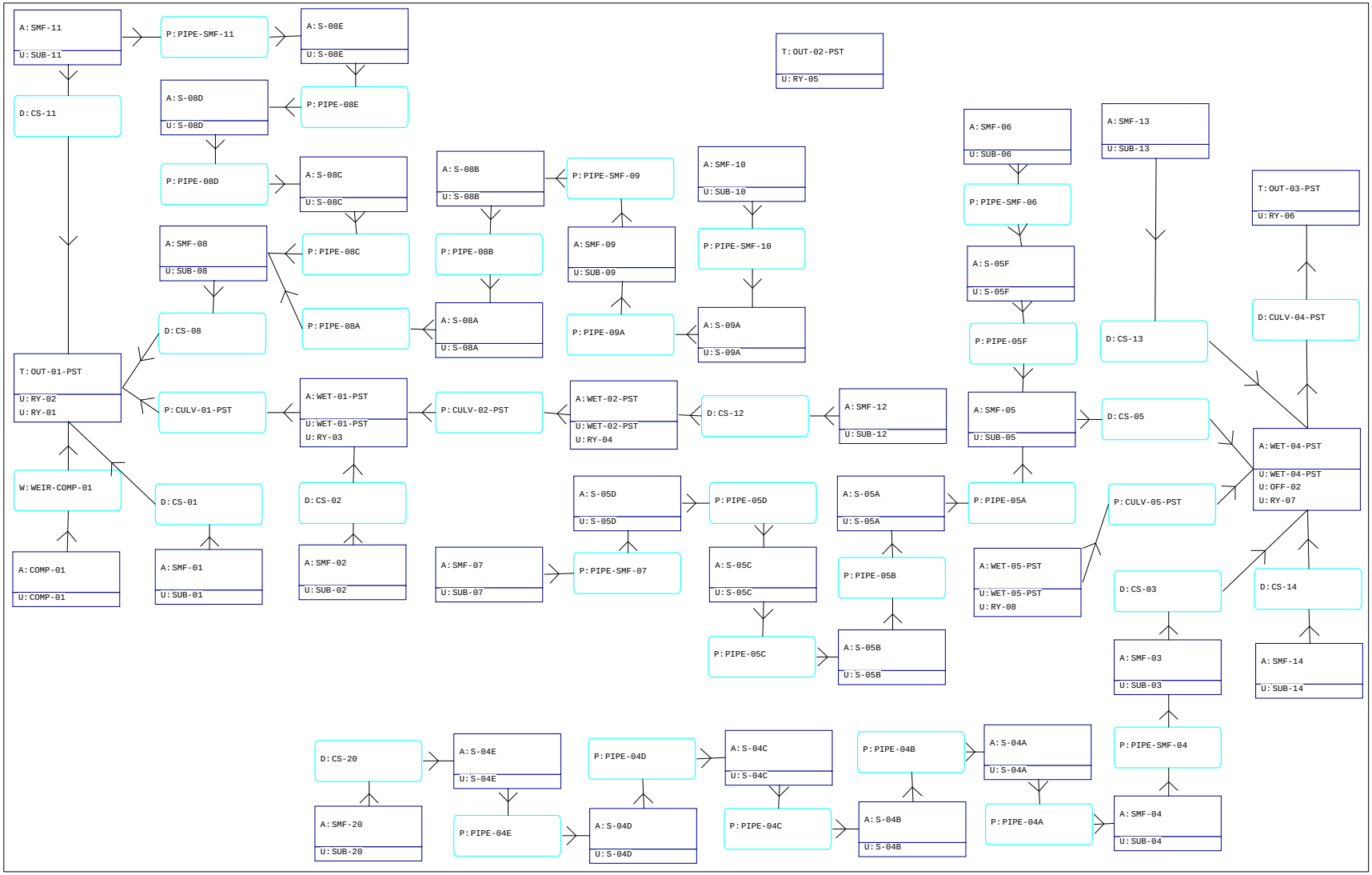
Buffer Width Calculation for Upland Buffer	**Buffer Treatment 17**		
Calculate Time of Concentration to Buffer			
s = Overland Flow Slope		2.00%	Ft / Ft
v = Velocity of Overland Flow ; Land Description =	Grass	1.0	Ft / Sec
d = Length of Rear Yard Area		55	LF
T_c = Time of Concentration = d / v		0.015	Hr
Calculate Peak Runoff from the 3-Year, 1-Hour Rainfall Event			
C = Runoff Coefficient		20%	Runoff
I = Rainfall Intensity (Taken from FDOT IDF Curve For Zone 7: Lake County)		2.7	In / Hr
A = Drainage Area to Buffer		0.8	Ac.
Q_p = Peak Runoff Rate = C I A		0.5	CFS
D = Rainfall Duration		1	Hr
V_r = Volume of Runoff = Q_p * D		1627	CF
Verify if Entire Volume is Infiltrated under Vertical Unsaturated Flow Conditions			
A_b = Area of the Buffer		0.4	Ac.
f = Fillable Porosity		0.20	
h_b = Height of ground above the ground water table		5.1	Ft
$V_u = \frac{A_b * f * h_b}{43{,}560}$		15995	CF
Because $V_u > V_r$, then infiltration will occur entirely under vertical unsaturated flow conditions			
Calculate Infiltration			
K = Permeability Avg. (From Table 8, Lake County Soils Survey, Oct 1975)		20.0	In / Hr
FS = Factor of Safety		2.0	
$I_d = Design\ Infiltration\ Rate = \frac{K}{FS * 12}$		0.83	Ft / Hr
$Q_{ip} = Peak\ Infiltration\ Flow\ Rate = I_d * A_b * 43{,}560$		13068	CF / Hr
$V_i = Volume\ of\ Runoff\ Infiltrated = Q_{ip}\left(D + T_c - \left(\frac{T_c * Q_{ip}}{Q * 3{,}600}\right)\right)$		**11664**	**CF**
V_r * 80% =		**1302**	**CF**
Because the volume infiltrated (Vi) is greater than the required 80% of the runoff volume (Vr), the design is adequate for treatment purposes.			

Notes:
1. Formula Taken from St. Johns River Water Management District Handbook - Buffer Width Calculations Based on Infiltration.

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench

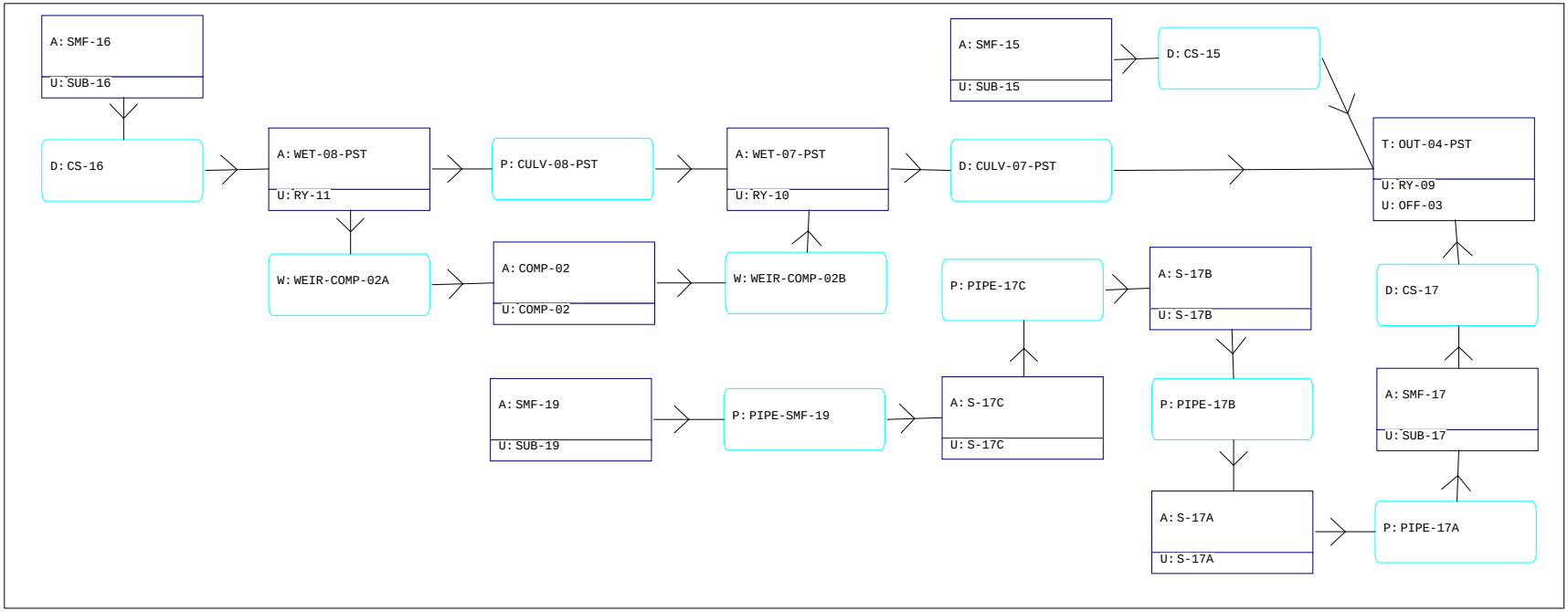


NODAL DIAGRAM | POST-DEVELOPMENT DRAINAGE

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs
COMP-01	POST	HYDRA-010	13.01	81.60	0.00	0.0050	105414	12.00	9.56	12.01
COMP-02	POST	HYDRA-010	24.50	79.05	0.00	0.0001	92398	12.00	12.13	0.00
OUT-01-PST	POST	HYDRA-010	13.00	81.60	0.00	0.0027	214	12.00	25.76	0.00
OUT-02-PST	POST	HYDRA-010	13.00	81.60	0.00	0.0040	0	12.08	1.96	0.00
OUT-03-PST	POST	HYDRA-010	13.00	79.20	0.00	0.0035	0	37.28	1.75	0.00
OUT-04-PST	POST	HYDRA-010	13.00	80.00	0.00	0.0019	0	13.58	3.83	0.00
S-04A	POST	HYDRA-010	13.10	83.77	0.00	-0.0421	139	12.02	58.82	12.02
S-04B	POST	HYDRA-010	13.04	83.71	0.00	0.0369	164	12.01	55.02	12.02
S-04C	POST	HYDRA-010	12.09	84.05	0.00	0.0267	169	12.01	53.51	12.01
S-04D	POST	HYDRA-010	12.08	84.77	0.00	0.0073	135	12.00	39.03	12.01
S-04E	POST	HYDRA-010	12.08	85.20	0.00	0.0068	126	12.00	28.71	12.00
S-05A	POST	HYDRA-010	14.23	82.44	0.00	0.0021	135	12.20	5.17	12.20
S-05B	POST	HYDRA-010	14.16	82.45	0.00	0.0022	143	12.34	4.14	12.35
S-05C	POST	HYDRA-010	14.08	82.45	0.00	-0.0034	132	12.36	4.05	12.36
S-05D	POST	HYDRA-010	13.80	82.46	0.00	0.0025	124	12.67	3.14	12.67
S-05F	POST	HYDRA-010	14.49	82.44	0.00	0.0018	120	15.58	0.74	15.58
S-08A	POST	HYDRA-010	14.08	84.35	0.00	-0.0017	119	12.00	2.59	14.57
S-08B	POST	HYDRA-010	14.12	84.36	0.00	-0.0042	119	14.68	1.83	14.68
S-08C	POST	HYDRA-010	13.82	84.34	0.00	-0.0053	141	12.13	17.19	12.13
S-08D	POST	HYDRA-010	13.76	84.36	0.00	0.0052	151	12.13	16.98	12.13
S-08E	POST	HYDRA-010	12.31	84.50	0.00	-0.0060	139	12.18	15.13	12.18
S-09A	POST	HYDRA-010	14.18	84.37	0.00	-0.0049	124	12.08	6.05	12.08
S-17A	POST	HYDRA-010	13.63	83.65	0.00	0.0015	142	12.17	5.10	12.08
S-17B	POST	HYDRA-010	13.64	83.66	0.00	-0.0062	136	8.54	7.24	24.90
S-17C	POST	HYDRA-010	13.65	83.66	0.00	0.0070	124	12.58	2.09	8.54
SMF-01	POST	HYDRA-010	13.30	85.13	0.00	0.0002	100006	12.17	37.40	13.30
SMF-02	POST	HYDRA-010	12.72	84.97	0.00	0.0007	29084	12.17	28.82	12.72
SMF-03	POST	HYDRA-010	13.21	83.68	0.00	0.0005	75596	12.09	53.31	13.21
SMF-04	POST	HYDRA-010	13.15	83.69	0.00	0.0007	27498	12.08	68.89	12.11
SMF-05	POST	HYDRA-010	14.31	82.44	0.00	0.0018	34344	12.08	9.78	14.31
SMF-06	POST	HYDRA-010	14.61	82.45	0.00	0.0002	37427	12.08	9.29	15.74
SMF-07	POST	HYDRA-010	12.99	82.50	0.00	0.0002	36729	12.17	13.96	12.73
SMF-08	POST	HYDRA-010	13.99	84.34	0.00	0.0003	65638	12.08	26.77	13.99
SMF-09	POST	HYDRA-010	14.18	84.37	0.00	0.0003	31787	12.08	10.61	14.75
SMF-10	POST	HYDRA-010	14.18	84.37	0.00	0.0003	33102	12.08	9.87	18.73
SMF-11	POST	HYDRA-010	12.28	84.61	0.00	0.0006	10390	12.08	21.66	12.24
SMF-12	POST	HYDRA-010	18.71	84.37	0.00	0.0001	28223	12.08	3.32	18.71
SMF-13	POST	HYDRA-010	14.60	82.19	0.00	0.0001	76942	12.17	16.96	14.60
SMF-14	POST	HYDRA-010	13.25	83.28	0.00	0.0004	51846	12.17	26.70	13.25
SMF-15	POST	HYDRA-010	15.76	83.84	0.00	0.0002	88981	12.08	21.92	15.76
SMF-16	POST	HYDRA-010	13.90	84.33	0.00	0.0003	120698	12.17	50.90	13.90
SMF-17	POST	HYDRA-010	13.65	83.64	0.00	-0.0005	10891	12.08	5.91	13.65
SMF-19	POST	HYDRA-010	13.66	83.66	0.00	0.0004	26670	12.17	11.82	24.33
SMF-20	POST	HYDRA-010	15.28	86.55	0.00	0.0001	14751	12.08	3.03	15.28
WET-01-PST	POST	HYDRA-010	18.63	81.49	0.00	0.0006	312663	12.00	53.15	22.52
WET-02-PST	POST	HYDRA-010	18.80	81.49	0.00	0.0001	137170	12.00	22.41	24.14
WET-04-PST	POST	HYDRA-010	37.28	79.92	0.00	0.0002	488351	12.00	70.03	37.28
WET-05-PST	POST	HYDRA-010	37.28	79.92	0.00	0.0001	117363	12.00	17.59	13.12
WET-07-PST	POST	HYDRA-010	25.00	78.84	0.00	0.0000	173274	12.08	5.20	0.00
WET-08-PST	POST	HYDRA-010	48.00	79.99	0.00	0.0000	191429	13.87	5.27	0.00
COMP-01	POST	HYDRA-025	13.01	82.60	0.00	0.0050	114125	12.00	14.56	12.01
COMP-02	POST	HYDRA-025	31.76	80.04	0.00	0.0002	109241	12.00	18.80	31.76
OUT-01-PST	POST	HYDRA-025	13.00	82.60	0.00	0.0040	62	12.01	39.60	0.00
OUT-02-PST	POST	HYDRA-025	13.00	82.60	0.00	0.0053	0	12.08	3.31	0.00
OUT-03-PST	POST	HYDRA-025	13.00	80.20	0.00	0.0047	0	24.06	6.19	0.00
OUT-04-PST	POST	HYDRA-025	13.00	80.60	0.00	0.0027	0	12.96	8.74	0.00
S-04A	POST	HYDRA-025	12.20	84.67	0.00	-0.0421	139	12.01	82.16	12.01
S-04B	POST	HYDRA-025	12.09	85.02	0.00	0.0369	164	12.01	76.59	12.01
S-04C	POST	HYDRA-025	12.09	85.80	0.00	0.0279	169	12.01	74.38	12.01
S-04D	POST	HYDRA-025	12.08	87.11	0.00	0.0073	135	12.00	53.24	12.01
S-04E	POST	HYDRA-025	12.02	87.96	0.00	0.0065	126	12.00	38.10	12.00
S-05A	POST	HYDRA-025	13.52	82.77	0.00	0.0026	135	12.21	7.28	12.21
S-05B	POST	HYDRA-025	13.28	82.81	0.00	-0.0024	143	12.38	5.77	12.39
S-05C	POST	HYDRA-025	13.09	82.86	0.00	-0.0030	132	12.09	5.67	12.44
S-05D	POST	HYDRA-025	13.02	82.91	0.00	0.0036	124	12.78	4.65	12.79
S-05F	POST	HYDRA-025	13.78	82.75	0.00	-0.0018	120	15.50	1.37	15.50
S-08A	POST	HYDRA-025	12.87	84.66	0.00	0.0025	119	13.92	4.16	13.92
S-08B	POST	HYDRA-025	12.98	84.68	0.00	-0.0042	119	13.93	4.02	13.92
S-08C	POST	HYDRA-025	12.65	84.65	0.00	0.0053	141	12.08	20.07	12.09
S-08D	POST	HYDRA-025	12.32	84.77	0.00	0.0052	151	12.08	19.69	12.09
S-08E	POST	HYDRA-025	12.25	84.96	0.00	-0.0060	139	12.16	16.49	12.16
S-09A	POST	HYDRA-025	13.20	84.72	0.00	-0.0049	124	12.08	8.46	12.08
S-17A	POST	HYDRA-025	12.90	84.22	0.00	-0.0036	142	12.08	6.92	12.39
S-17B	POST	HYDRA-025	12.91	84.27	0.00	0.0059	136	12.95	4.33	12.96
S-17C	POST	HYDRA-025	12.91	84.29	0.00	0.0060	124	13.01	3.86	13.01
SMF-01	POST	HYDRA-025	12.87	85.51	0.00	0.0004	102861	12.17	54.09	12.87
SMF-02	POST	HYDRA-025	12.49	85.55	0.00	0.0011	31058	12.08	42.54	12.49
SMF-03	POST	HYDRA-025	12.76	84.34	0.00	0.0007	80456	12.10	72.47	12.76
SMF-04	POST	HYDRA-025	12.41	84.47	0.00	0.0011	30147	12.04	96.52	12.13
SMF-05	POST	HYDRA-025	13.67	82.74	0.00	0.0003	36161	12.08	14.93	13.67
SMF-06	POST	HYDRA-025	14.03	82.77	0.00	0.0003	38591	12.08	13.49	15.55
SMF-07	POST	HYDRA-025	12.91	83.03	0.00	0.0005	39117	12.17	20.51	12.83
SMF-08	POST	HYDRA-025	12.80	84.64	0.00	0.0004	67143	12.08	34.77	12.80
SMF-09	POST	HYDRA-025	13.20	84.71	0.00	0.0004	32992	12.08	14.83	13.93
SMF-10	POST	HYDRA-025	13.22	84.73	0.00	0.0004	34336	12.08	13.87	14.25
SMF-11	POST	HYDRA-025	12.23	85.09	0.00	0.0009	11398	12.08	31.78	12.21

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs
SMF-12	POST	HYDRA-025	15.72	84.53	0.00	0.0001	28748	12.08	5.09	15.72
SMF-13	POST	HYDRA-025	13.17	82.44	0.00	0.0003	79076	12.08	25.46	13.17
SMF-14	POST	HYDRA-025	12.89	83.79	0.00	0.0006	55884	12.17	39.15	12.89
SMF-15	POST	HYDRA-025	14.32	84.16	0.00	0.0003	91018	12.08	32.16	14.32
SMF-16	POST	HYDRA-025	12.99	84.78	0.00	0.0005	125250	12.17	75.25	12.99
SMF-17	POST	HYDRA-025	12.92	84.18	0.00	0.0011	12034	12.08	9.63	12.92
SMF-19	POST	HYDRA-025	12.93	84.31	0.00	0.0007	29251	12.17	18.05	13.03
SMF-20	POST	HYDRA-025	12.66	86.82	0.00	0.0005	15362	12.08	5.09	12.66
WET-01-PST	POST	HYDRA-025	17.17	82.44	0.00	0.0008	380539	12.00	69.79	22.54
WET-02-PST	POST	HYDRA-025	18.64	82.43	0.00	0.0003	141288	12.00	31.80	23.68
WET-04-PST	POST	HYDRA-025	24.74	80.48	0.00	0.0003	515593	12.00	98.10	24.53
WET-05-PST	POST	HYDRA-025	24.80	80.48	0.00	0.0002	119741	12.00	24.97	12.45
WET-07-PST	POST	HYDRA-025	48.00	79.20	0.00	0.0000	202116	12.08	8.39	0.00
WET-08-PST	POST	HYDRA-025	23.15	80.09	0.00	0.0001	196291	12.96	14.02	23.15
COMP-01	POST	HYDRA-025-96	13.01	82.60	0.00	0.0050	114126	48.00	5.86	48.01
COMP-02	POST	HYDRA-025-96	57.83	80.08	0.00	0.0001	109624	48.00	7.72	57.83
OUT-01-PST	POST	HYDRA-025-96	13.01	82.60	0.00	0.0040	67	48.39	66.24	0.00
OUT-02-PST	POST	HYDRA-025-96	13.01	82.60	0.00	0.0053	0	48.00	1.59	0.00
OUT-03-PST	POST	HYDRA-025-96	13.00	80.20	0.00	0.0047	0	61.49	8.23	0.00
OUT-04-PST	POST	HYDRA-025-96	13.00	80.60	0.00	0.0027	0	48.85	11.35	0.00
S-04A	POST	HYDRA-025-96	48.61	84.64	0.00	-0.0421	139	46.85	44.37	48.00
S-04B	POST	HYDRA-025-96	48.55	84.68	0.00	0.0369	164	48.00	32.81	46.36
S-04C	POST	HYDRA-025-96	48.43	84.76	0.00	0.0283	169	48.00	31.81	48.00
S-04D	POST	HYDRA-025-96	48.23	84.95	0.00	0.0081	135	48.00	22.71	48.00
S-04E	POST	HYDRA-025-96	48.13	85.09	0.00	0.0064	126	48.00	16.09	48.00
S-05A	POST	HYDRA-025-96	49.29	82.93	0.00	0.0026	135	48.33	5.89	48.34
S-05B	POST	HYDRA-025-96	49.24	82.97	0.00	-0.0024	143	48.63	5.03	48.64
S-05C	POST	HYDRA-025-96	49.18	83.03	0.00	0.0024	132	48.66	4.94	48.67
S-05D	POST	HYDRA-025-96	49.18	83.06	0.00	-0.0027	124	49.20	4.00	49.20
S-05F	POST	HYDRA-025-96	49.51	82.93	0.00	-0.0018	120	50.63	1.80	50.64
S-08A	POST	HYDRA-025-96	48.87	84.80	0.00	-0.0067	119	49.74	5.55	49.74
S-08B	POST	HYDRA-025-96	48.97	84.85	0.00	-0.0016	119	49.87	5.37	49.88
S-08C	POST	HYDRA-025-96	48.76	84.75	0.00	-0.0069	141	47.64	9.27	47.64
S-08D	POST	HYDRA-025-96	48.61	84.76	0.00	-0.0054	151	47.63	9.13	47.63
S-08E	POST	HYDRA-025-96	48.75	84.77	0.00	-0.0050	139	47.48	7.93	47.48
S-09A	POST	HYDRA-025-96	49.24	84.95	0.00	-0.0045	124	48.15	5.77	48.14
S-17A	POST	HYDRA-025-96	48.85	84.35	0.00	-0.0018	142	48.76	6.46	48.76
S-17B	POST	HYDRA-025-96	48.89	84.42	0.00	-0.0062	136	23.57	7.24	49.05
S-17C	POST	HYDRA-025-96	48.90	84.44	0.00	0.0070	124	49.17	4.50	23.57
SMF-01	POST	HYDRA-025-96	48.82	85.58	0.00	0.0001	103389	48.00	25.22	48.82
SMF-02	POST	HYDRA-025-96	48.37	85.32	0.00	0.0002	30264	48.00	19.80	48.37
SMF-03	POST	HYDRA-025-96	48.84	84.48	0.00	0.0002	81449	48.06	38.52	48.84
SMF-04	POST	HYDRA-025-96	48.70	84.58	0.00	0.0002	30528	48.00	43.47	48.07
SMF-05	POST	HYDRA-025-96	49.39	82.89	0.00	0.0001	37050	48.12	9.94	49.39
SMF-06	POST	HYDRA-025-96	49.66	82.96	0.00	0.0001	39298	48.00	5.63	50.83
SMF-07	POST	HYDRA-025-96	49.21	83.15	0.00	0.0002	39670	48.00	9.77	49.40
SMF-08	POST	HYDRA-025-96	48.76	84.74	0.00	0.0001	67681	48.00	16.63	48.76
SMF-09	POST	HYDRA-025-96	49.25	84.94	0.00	0.0002	33759	48.14	7.17	50.00
SMF-10	POST	HYDRA-025-96	49.27	84.96	0.00	0.0008	35145	48.00	5.59	50.00
SMF-11	POST	HYDRA-025-96	48.36	84.77	0.00	0.0001	10728	48.00	14.66	48.06
SMF-12	POST	HYDRA-025-96	49.78	84.60	0.00	0.0001	28981	48.00	2.22	49.78
SMF-13	POST	HYDRA-025-96	49.17	82.56	0.00	0.0001	80086	48.00	12.19	49.17
SMF-14	POST	HYDRA-025-96	48.78	83.82	0.00	0.0002	56086	48.00	19.61	48.78
SMF-15	POST	HYDRA-025-96	49.87	84.33	0.00	0.0001	92144	48.00	14.83	49.87
SMF-16	POST	HYDRA-025-96	48.94	84.93	0.00	0.0002	126733	48.00	35.89	48.94
SMF-17	POST	HYDRA-025-96	48.87	84.29	0.00	-0.0005	12261	48.57	7.72	48.87
SMF-19	POST	HYDRA-025-96	48.94	84.47	0.00	0.0002	29882	48.00	8.90	49.21
SMF-20	POST	HYDRA-025-96	48.94	86.80	0.00	0.0001	15310	48.00	2.34	48.94
WET-01-PST	POST	HYDRA-025-96	23.42	82.21	0.00	0.0022	368243	48.01	42.39	49.61
WET-02-PST	POST	HYDRA-025-96	23.81	82.20	0.00	0.0025	140273	48.00	12.17	52.56
WET-04-PST	POST	HYDRA-025-96	61.48	80.75	0.00	0.0012	525885	48.39	70.13	61.48
WET-05-PST	POST	HYDRA-025-96	61.65	80.75	0.00	0.0001	120878	48.00	9.97	73.06
WET-07-PST	POST	HYDRA-025-96	96.00	80.08	0.00	0.0000	290777	48.00	3.90	0.00
WET-08-PST	POST	HYDRA-025-96	54.26	80.13	0.00	0.0001	198250	48.87	17.72	54.26
COMP-01	POST	HYDRA-100	13.01	83.60	0.00	0.0050	120225	12.00	22.77	12.00
COMP-02	POST	HYDRA-100	48.00	80.23	0.00	0.0003	110934	12.00	29.87	17.12
OUT-01-PST	POST	HYDRA-100	13.00	83.60	0.00	0.0053	12	12.08	80.45	0.00
OUT-02-PST	POST	HYDRA-100	13.00	83.60	0.00	0.0065	0	12.08	5.64	0.00
OUT-03-PST	POST	HYDRA-100	13.00	81.20	0.00	0.0060	0	23.42	15.17	0.00
OUT-04-PST	POST	HYDRA-100	13.00	81.20	0.00	0.0035	0	12.60	20.00	0.00
S-04A	POST	HYDRA-100	12.10	86.74	0.00	-0.0421	139	12.02	118.89	12.02
S-04B	POST	HYDRA-100	12.09	87.51	0.00	0.0369	164	12.02	110.44	12.02
S-04C	POST	HYDRA-100	12.08	89.14	0.00	0.0282	169	12.01	107.09	12.02
S-04D	POST	HYDRA-100	12.03	91.91	0.00	0.0075	135	12.00	75.16	12.01
S-04E	POST	HYDRA-100	12.02	93.57	0.00	0.0065	126	12.00	52.48	12.00
S-05A	POST	HYDRA-100	12.85	83.27	0.00	0.0022	135	12.22	10.61	12.22
S-05B	POST	HYDRA-100	12.81	83.39	0.00	0.0022	143	12.39	8.24	12.39
S-05C	POST	HYDRA-100	12.72	83.53	0.00	-0.0034	132	12.44	8.03	12.45
S-05D	POST	HYDRA-100	12.82	83.63	0.00	0.0025	124	12.99	6.83	12.99
S-05F	POST	HYDRA-100	13.16	83.20	0.00	0.0018	120	15.01	2.24	15.01
S-08A	POST	HYDRA-100	12.65	85.15	0.00	-0.0017	119	13.58	7.65	13.58
S-08B	POST	HYDRA-100	12.71	85.23	0.00	-0.0042	119	13.72	7.42	13.72
S-08C	POST	HYDRA-100	12.40	85.12	0.00	-0.0052	141	12.08	22.61	12.08
S-08D	POST	HYDRA-100	12.26	85.36	0.00	0.0052	151	12.08	22.04	12.08
S-08E	POST	HYDRA-100	12.22	85.59	0.00	-0.0060	139	12.17	17.43	12.17
S-09A	POST	HYDRA-100	12.90	85.38	0.00	0.0050	124	12.08	12.27	12.08

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs
S-17A	POST	HYDRA-100	12.54	84.88	0.00	0.0044	142	12.38	11.74	12.38
S-17B	POST	HYDRA-100	12.63	85.09	0.00	0.0059	136	12.84	9.74	12.84
S-17C	POST	HYDRA-100	12.66	85.15	0.00	-0.0059	124	12.92	8.93	12.92
SMF-01	POST	HYDRA-100	12.69	86.07	0.00	0.0007	107135	12.17	80.79	12.69
SMF-02	POST	HYDRA-100	12.37	86.26	0.00	0.0014	33453	12.08	64.82	12.37
SMF-03	POST	HYDRA-100	12.69	85.23	0.00	0.0010	86917	12.11	101.02	12.69
SMF-04	POST	HYDRA-100	12.35	85.90	0.00	0.0019	34982	12.04	141.15	12.16
SMF-05	POST	HYDRA-100	12.96	83.16	0.00	0.0018	38671	12.08	24.26	12.96
SMF-06	POST	HYDRA-100	13.55	83.25	0.00	0.0005	40339	12.08	20.22	15.11
SMF-07	POST	HYDRA-100	12.90	83.89	0.00	0.0008	43016	12.17	31.08	13.01
SMF-08	POST	HYDRA-100	12.61	85.06	0.00	0.0006	69278	12.08	45.45	12.61
SMF-09	POST	HYDRA-100	12.92	85.35	0.00	0.0007	35212	12.08	21.48	13.75
SMF-10	POST	HYDRA-100	12.94	85.39	0.00	0.0008	36647	12.08	20.18	13.83
SMF-11	POST	HYDRA-100	12.21	85.73	0.00	-0.0010	12744	12.08	48.09	12.20
SMF-12	POST	HYDRA-100	12.86	84.71	0.00	0.0003	29311	12.08	7.99	12.86
SMF-13	POST	HYDRA-100	12.82	82.86	0.00	0.0005	82644	12.08	39.65	12.82
SMF-14	POST	HYDRA-100	12.72	84.51	0.00	0.0009	61504	12.17	59.22	12.72
SMF-15	POST	HYDRA-100	13.01	84.61	0.00	0.0005	93907	12.08	48.66	13.01
SMF-16	POST	HYDRA-100	12.75	85.48	0.00	0.0008	132354	12.17	114.63	12.75
SMF-17	POST	HYDRA-100	12.54	84.67	0.00	0.0011	13064	12.27	16.52	12.54
SMF-19	POST	HYDRA-100	12.73	85.28	0.00	0.0012	33116	12.17	28.31	12.92
SMF-20	POST	HYDRA-100	12.44	87.93	0.00	0.0011	17878	12.08	8.62	13.15
WET-01-PST	POST	HYDRA-100	16.80	83.41	0.00	0.0008	434702	12.00	111.69	23.57
WET-02-PST	POST	HYDRA-100	18.65	83.41	0.00	0.0004	149060	12.00	47.20	24.05
WET-04-PST	POST	HYDRA-100	22.67	81.52	0.00	0.0005	549285	12.00	158.94	23.42
WET-05-PST	POST	HYDRA-100	22.76	81.52	0.00	0.0003	124237	12.00	37.34	29.28
WET-07-PST	POST	HYDRA-100	48.00	80.23	0.00	0.0001	314333	12.08	13.78	0.00
WET-08-PST	POST	HYDRA-100	48.00	80.23	0.00	0.0004	203906	12.71	33.06	16.01
COMP-01	POST	HYDRA-MEAN	13.03	80.60	0.00	0.0046	98445	12.00	4.05	12.03
COMP-02	POST	HYDRA-MEAN	24.50	78.74	0.00	0.0000	90339	12.00	4.88	0.00
OUT-01-PST	POST	HYDRA-MEAN	13.00	80.60	0.00	0.0014	213	12.01	12.23	0.00
OUT-02-PST	POST	HYDRA-MEAN	13.00	80.60	0.00	0.0027	0	12.08	0.60	0.00
OUT-03-PST	POST	HYDRA-MEAN	13.00	78.20	0.00	0.0022	0	18.50	0.01	0.00
OUT-04-PST	POST	HYDRA-MEAN	13.00	79.40	0.00	0.0012	0	16.00	1.09	0.00
S-04A	POST	HYDRA-MEAN	22.62	83.04	0.00	-0.0421	139	11.84	44.23	12.32
S-04B	POST	HYDRA-MEAN	22.52	82.94	0.00	0.0369	164	12.08	26.16	11.72
S-04C	POST	HYDRA-MEAN	22.50	83.01	0.00	0.0269	169	12.02	25.42	12.02
S-04D	POST	HYDRA-MEAN	22.50	82.99	0.00	0.0073	135	12.00	18.62	12.01
S-04E	POST	HYDRA-MEAN	22.50	83.01	0.00	0.0069	126	12.00	13.75	12.00
S-05A	POST	HYDRA-MEAN	22.57	82.04	0.00	0.0021	135	12.31	2.63	12.31
S-05B	POST	HYDRA-MEAN	22.56	82.05	0.00	0.0022	143	12.34	2.24	12.34
S-05C	POST	HYDRA-MEAN	22.55	82.05	0.00	-0.0034	132	9.29	2.70	12.35
S-05D	POST	HYDRA-MEAN	22.56	82.05	0.00	0.0025	124	12.50	1.69	9.29
S-05F	POST	HYDRA-MEAN	22.58	82.04	0.00	0.0018	120	11.83	0.31	11.83
S-08A	POST	HYDRA-MEAN	19.97	83.86	0.00	-0.0017	119	12.00	1.79	24.30
S-08B	POST	HYDRA-MEAN	19.96	83.86	0.00	-0.0042	119	24.30	0.83	7.03
S-08C	POST	HYDRA-MEAN	19.88	83.85	0.00	-0.0046	141	12.20	9.91	12.20
S-08D	POST	HYDRA-MEAN	19.79	83.87	0.00	0.0052	151	12.20	9.82	12.20
S-08E	POST	HYDRA-MEAN	19.70	83.86	0.00	-0.0060	139	12.22	8.93	12.22
S-09A	POST	HYDRA-MEAN	19.97	83.87	0.00	-0.0049	124	12.08	3.18	12.08
S-17A	POST	HYDRA-MEAN	15.74	82.81	0.00	-0.0036	142	12.17	2.84	12.16
S-17B	POST	HYDRA-MEAN	15.74	82.82	0.00	0.0059	136	0.00	0.00	10.87
S-17C	POST	HYDRA-MEAN	15.75	82.82	0.00	-0.0059	124	11.08	2.40	0.00
SMF-01	POST	HYDRA-MEAN	20.21	84.72	0.00	0.0001	96897	12.17	18.14	20.21
SMF-02	POST	HYDRA-MEAN	13.17	83.73	0.00	0.0003	24895	12.17	13.58	13.17
SMF-03	POST	HYDRA-MEAN	22.73	82.98	0.00	0.0002	70495	12.09	26.79	22.73
SMF-04	POST	HYDRA-MEAN	22.73	82.98	0.00	0.0003	25096	12.32	33.97	12.10
SMF-05	POST	HYDRA-MEAN	22.58	82.04	0.00	0.0018	32003	12.12	4.19	22.58
SMF-06	POST	HYDRA-MEAN	22.58	82.04	0.00	0.0001	35958	12.08	4.46	9.44
SMF-07	POST	HYDRA-MEAN	22.57	82.05	0.00	0.0001	34732	12.17	6.51	12.51
SMF-08	POST	HYDRA-MEAN	19.95	83.86	0.00	0.0001	63167	12.08	14.04	19.95
SMF-09	POST	HYDRA-MEAN	19.97	83.86	0.00	0.0001	30018	12.08	5.61	24.58
SMF-10	POST	HYDRA-MEAN	19.99	83.86	0.00	0.0001	31330	12.08	5.14	0.00
SMF-11	POST	HYDRA-MEAN	19.68	83.87	0.00	0.0002	8808	12.17	10.39	12.24
SMF-12	POST	HYDRA-MEAN	23.67	84.18	0.00	0.0000	27598	12.08	1.39	23.67
SMF-13	POST	HYDRA-MEAN	22.69	81.89	0.00	0.0001	74366	12.17	7.54	22.69
SMF-14	POST	HYDRA-MEAN	15.67	82.51	0.00	0.0002	45800	12.25	12.68	15.67
SMF-15	POST	HYDRA-MEAN	20.30	83.45	0.00	0.0001	86542	12.17	10.51	20.30
SMF-16	POST	HYDRA-MEAN	20.10	83.77	0.00	0.0001	114993	12.17	23.36	20.10
SMF-17	POST	HYDRA-MEAN	15.74	82.81	0.00	0.0011	9137	12.17	1.95	15.74
SMF-19	POST	HYDRA-MEAN	15.76	82.82	0.00	0.0001	23329	12.17	4.98	11.08
SMF-20	POST	HYDRA-MEAN	13.72	86.13	0.00	0.0000	13807	12.08	0.90	0.00
WET-01-PST	POST	HYDRA-MEAN	22.17	80.52	0.00	0.0005	234841	12.00	31.50	24.12
WET-02-PST	POST	HYDRA-MEAN	22.46	80.52	0.00	0.0001	126733	12.00	11.78	26.60
WET-04-PST	POST	HYDRA-MEAN	48.00	79.19	0.00	0.0003	412053	12.00	40.69	0.00
WET-05-PST	POST	HYDRA-MEAN	48.00	79.19	0.00	0.0000	114183	12.00	9.85	17.28
WET-07-PST	POST	HYDRA-MEAN	25.00	78.76	0.00	0.0000	168143	12.08	1.86	0.00
WET-08-PST	POST	HYDRA-MEAN	48.00	79.25	0.00	0.0000	168671	19.50	1.03	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y001H	1.50	79.55	0.00	0.0000	86097	0.67	3.46	0.00	0.00
COMP-02	POST	FDOT002Y001H	1.50	78.56	0.00	0.0000	89548	0.67	3.90	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y001H	0.00	79.50	0.00	0.0000	1	1.00	9.02	0.00	0.00
OUT-01-PST	POST	FDOT002Y001H	0.00	79.50	0.00	0.0000	47	0.67	11.16	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y001H	0.00	78.50	0.00	0.0000	0	0.83	4.71	0.00	0.00
OUT-02-PST	POST	FDOT002Y001H	0.00	78.50	0.00	0.0000	0	0.83	0.38	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y001H	0.00	76.50	0.00	0.0000	1	0.83	0.84	0.00	0.00
OUT-03-PST	POST	FDOT002Y001H	0.00	76.50	0.00	0.0000	0	0.00	0.00	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y001H	0.00	78.50	0.00	0.0000	2	0.83	4.03	0.00	0.00
OUT-04-PST	POST	FDOT002Y001H	0.00	78.50	0.00	0.0000	0	0.83	0.69	0.00	0.00
S-04A	POST	FDOT002Y001H	1.47	82.20	0.00	-0.0470	139	0.57	44.19	0.92	28.95
S-04B	POST	FDOT002Y001H	0.95	82.13	0.00	0.0320	164	0.92	25.84	0.52	43.27
S-04C	POST	FDOT002Y001H	0.97	82.22	0.00	0.0277	169	0.67	24.38	0.99	25.37
S-04D	POST	FDOT002Y001H	0.96	82.23	0.00	0.0112	135	0.67	18.09	0.67	18.00
S-04E	POST	FDOT002Y001H	0.83	82.28	0.00	0.0126	126	0.67	13.59	0.67	13.43
S-05A	POST	FDOT002Y001H	1.50	81.72	0.00	-0.0022	135	0.65	2.39	0.90	2.08
S-05B	POST	FDOT002Y001H	1.49	81.72	0.00	0.0021	143	1.58	1.88	0.64	2.13
S-05C	POST	FDOT002Y001H	1.50	81.72	0.00	-0.0035	132	0.66	2.70	1.58	1.88
S-05D	POST	FDOT002Y001H	1.37	81.72	0.00	0.0033	124	1.10	1.55	0.34	2.70
S-05F	POST	FDOT002Y001H	1.90	81.71	0.00	0.0018	120	0.68	0.66	0.68	0.65
S-08A	POST	FDOT002Y001H	1.33	83.42	0.00	-0.0036	119	0.67	2.17	0.17	0.95
S-08B	POST	FDOT002Y001H	1.57	83.43	0.00	-0.0045	119	0.00	0.00	0.17	1.72
S-08C	POST	FDOT002Y001H	1.27	83.43	0.00	0.0054	141	0.86	9.05	0.86	9.01
S-08D	POST	FDOT002Y001H	1.06	83.44	0.00	-0.0035	151	0.86	8.95	0.86	8.92
S-08E	POST	FDOT002Y001H	0.99	83.48	0.00	-0.0039	139	0.88	8.05	0.89	8.03
S-09A	POST	FDOT002Y001H	1.67	83.43	0.00	-0.0071	124	0.70	3.36	0.70	3.33
S-17A	POST	FDOT002Y001H	1.54	82.37	0.00	-0.0018	142	0.67	2.78	0.78	0.46
S-17B	POST	FDOT002Y001H	1.53	82.38	0.00	0.0046	136	0.33	0.00	0.44	2.29
S-17C	POST	FDOT002Y001H	1.51	82.37	0.00	-0.0055	124	0.50	2.32	0.00	0.00
SMF-01	POST	FDOT002Y001H	1.69	84.32	0.00	0.0001	93912	0.83	16.98	1.69	0.21
SMF-02	POST	FDOT002Y001H	1.36	83.19	0.00	0.0003	23046	0.83	12.54	1.36	1.05
SMF-03	POST	FDOT002Y001H	1.53	82.15	0.00	0.0002	64431	0.72	24.17	1.53	0.31
SMF-04	POST	FDOT002Y001H	1.52	82.15	0.00	0.0003	22280	0.92	33.57	0.73	20.63
SMF-05	POST	FDOT002Y001H	1.50	81.72	0.00	0.0018	30044	0.83	3.72	1.50	0.14
SMF-06	POST	FDOT002Y001H	1.94	81.71	0.00	0.0001	34755	0.83	3.86	0.68	0.54
SMF-07	POST	FDOT002Y001H	1.28	81.73	0.00	0.0001	33281	0.83	5.80	1.13	1.50
SMF-08	POST	FDOT002Y001H	1.47	83.43	0.00	0.0001	60989	0.75	13.59	1.47	0.39
SMF-09	POST	FDOT002Y001H	1.64	83.43	0.00	0.0001	28497	0.72	5.67	0.00	0.00
SMF-10	POST	FDOT002Y001H	1.71	83.43	0.00	0.0001	29802	0.67	4.99	0.00	0.00
SMF-11	POST	FDOT002Y001H	0.97	83.51	0.00	0.0002	8065	0.83	9.77	0.91	7.36
SMF-12	POST	FDOT002Y001H	1.45	84.06	0.00	0.0000	27198	0.83	1.08	1.45	0.01
SMF-13	POST	FDOT002Y001H	1.65	81.65	0.00	0.0000	72287	0.83	6.53	1.65	0.07
SMF-14	POST	FDOT002Y001H	1.72	82.04	0.00	0.0001	42124	0.83	10.97	1.72	0.39
SMF-15	POST	FDOT002Y001H	1.63	83.20	0.00	0.0001	84900	0.83	9.89	1.63	0.11
SMF-16	POST	FDOT002Y001H	1.68	83.33	0.00	0.0001	110486	0.83	20.52	1.68	0.27
SMF-17	POST	FDOT002Y001H	1.54	82.37	0.00	0.0011	8199	0.83	1.29	1.54	0.20
SMF-19	POST	FDOT002Y001H	1.50	82.38	0.00	0.0001	21541	0.83	3.95	0.50	2.31
SMF-20	POST	FDOT002Y001H	1.14	86.04	0.00	0.0000	13599	0.83	0.57	0.00	0.00
WET-01-PRE	PRE	FDOT002Y001H	3.17	80.03	0.00	0.0001	211953	0.67	46.49	0.00	0.00
WET-01-PST	POST	FDOT002Y001H	1.38	79.86	0.00	0.0001	174282	0.67	39.68	1.38	0.13
WET-02-PRE	PRE	FDOT002Y001H	3.33	79.00	0.00	0.0001	91544	0.67	16.10	0.00	0.00
WET-02-PST	POST	FDOT002Y001H	13.90	79.85	0.00	0.0001	113728	0.67	13.97	0.49	0.05
WET-03-PRE	PRE	FDOT002Y001H	3.00	79.89	0.00	0.0001	30598	0.83	6.35	0.00	0.00
WET-04-PRE	PRE	FDOT002Y001H	4.17	78.44	0.00	0.0002	243829	0.67	54.95	0.00	0.00
WET-04-PST	POST	FDOT002Y001H	30.00	78.50	0.00	0.0002	258858	0.67	51.42	0.00	0.00
WET-05-PRE	PRE	FDOT002Y001H	3.17	78.87	0.00	0.0001	112675	0.67	16.62	0.00	0.00
WET-05-PST	POST	FDOT002Y001H	1.23	78.67	0.00	0.0001	111880	0.67	12.24	1.16	0.11
WET-06-PRE	PRE	FDOT002Y001H	2.83	80.95	0.00	0.0004	5186	0.83	3.32	0.00	0.00
WET-07-PRE	PRE	FDOT002Y001H	2.83	79.21	0.00	0.0000	231205	1.00	0.57	0.00	0.00
WET-07-PST	POST	FDOT002Y001H	1.83	78.71	0.00	0.0000	165340	0.83	1.34	0.00	0.00
WET-08-PRE	PRE	FDOT002Y001H	4.50	78.70	0.00	0.0000	158583	1.17	0.12	0.00	0.00
WET-08-PST	POST	FDOT002Y001H	30.00	78.82	0.00	0.0000	159563	1.03	0.28	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y002H	2.50	79.58	0.00	0.0000	86629	0.83	2.71	0.00	0.00
COMP-02	POST	FDOT002Y002H	2.50	78.59	0.00	0.0000	89675	0.83	3.03	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y002H	0.00	79.50	0.00	0.0000	1	1.67	8.13	0.00	0.00
OUT-01-PST	POST	FDOT002Y002H	0.00	79.50	0.00	0.0000	47	0.83	8.78	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y002H	0.00	78.50	0.00	0.0000	0	1.00	3.60	0.00	0.00
OUT-02-PST	POST	FDOT002Y002H	0.00	78.50	0.00	0.0000	0	1.00	0.24	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y002H	0.00	76.50	0.00	0.0000	1	1.17	0.68	0.00	0.00
OUT-03-PST	POST	FDOT002Y002H	0.00	76.50	0.00	0.0000	0	0.00	0.00	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y002H	0.00	78.50	0.00	0.0000	2	1.17	3.26	0.00	0.00
OUT-04-PST	POST	FDOT002Y002H	0.00	78.50	0.00	0.0000	0	1.86	0.61	0.00	0.00
S-04A	POST	FDOT002Y002H	2.26	82.31	0.00	-0.0467	139	1.02	44.45	0.84	20.98
S-04B	POST	FDOT002Y002H	2.09	82.42	0.00	0.0321	164	0.84	19.75	1.13	43.27
S-04C	POST	FDOT002Y002H	2.00	82.37	0.00	0.0147	169	0.84	19.24	0.84	19.17
S-04D	POST	FDOT002Y002H	2.00	82.42	0.00	0.0086	135	0.83	14.31	0.84	14.24
S-04E	POST	FDOT002Y002H	2.00	82.41	0.00	0.0059	126	0.83	10.76	0.83	10.66
S-05A	POST	FDOT002Y002H	2.55	81.80	0.00	0.0026	135	1.19	1.87	0.63	2.08
S-05B	POST	FDOT002Y002H	2.47	81.80	0.00	-0.0024	143	0.83	2.18	1.22	1.63
S-05C	POST	FDOT002Y002H	2.40	81.81	0.00	0.0024	132	1.22	1.62	0.83	2.15
S-05D	POST	FDOT002Y002H	2.37	81.80	0.00	-0.0027	124	1.27	1.26	1.28	1.26
S-05F	POST	FDOT002Y002H	2.63	81.80	0.00	-0.0018	120	0.85	0.57	0.63	0.63
S-08A	POST	FDOT002Y002H	2.37	83.55	0.00	-0.0036	119	0.81	2.05	0.18	0.95
S-08B	POST	FDOT002Y002H	2.41	83.55	0.00	-0.0044	119	0.00	0.00	0.18	1.72
S-08C	POST	FDOT002Y002H	2.29	83.54	0.00	0.0058	141	1.03	7.27	1.03	7.24
S-08D	POST	FDOT002Y002H	2.24	83.56	0.00	0.0037	151	1.03	7.19	1.04	7.17
S-08E	POST	FDOT002Y002H	2.16	83.56	0.00	-0.0039	139	1.05	6.45	1.05	6.43
S-09A	POST	FDOT002Y002H	2.46	83.55	0.00	-0.0064	124	0.83	2.63	0.40	3.17
S-17A	POST	FDOT002Y002H	2.34	82.52	0.00	-0.0036	142	0.83	2.67	0.00	0.00
S-17B	POST	FDOT002Y002H	2.34	82.53	0.00	0.0059	136	0.44	0.00	0.56	2.29
S-17C	POST	FDOT002Y002H	2.35	82.52	0.00	-0.0059	124	0.64	2.32	0.00	0.00
SMF-01	POST	FDOT002Y002H	2.51	84.43	0.00	0.0001	94732	1.00	13.23	2.51	0.32
SMF-02	POST	FDOT002Y002H	2.17	83.40	0.00	0.0002	23755	1.00	9.59	2.17	1.44
SMF-03	POST	FDOT002Y002H	2.38	82.36	0.00	0.0002	65989	0.86	19.30	2.38	0.48
SMF-04	POST	FDOT002Y002H	2.38	82.36	0.00	0.0003	23004	1.02	24.32	0.87	16.38
SMF-05	POST	FDOT002Y002H	2.60	81.80	0.00	0.0000	30536	0.84	2.81	2.60	0.23
SMF-06	POST	FDOT002Y002H	2.66	81.80	0.00	0.0000	35061	1.00	2.90	0.85	0.49
SMF-07	POST	FDOT002Y002H	2.38	81.81	0.00	0.0001	33626	1.00	4.51	1.29	1.16
SMF-08	POST	FDOT002Y002H	2.35	83.55	0.00	0.0001	61609	0.90	10.68	2.35	0.57
SMF-09	POST	FDOT002Y002H	2.45	83.55	0.00	0.0001	28931	0.84	4.43	0.00	0.00
SMF-10	POST	FDOT002Y002H	2.48	83.55	0.00	0.0001	30237	0.83	3.88	0.00	0.00
SMF-11	POST	FDOT002Y002H	2.16	83.57	0.00	0.0002	8175	1.00	7.50	1.07	5.81
SMF-12	POST	FDOT002Y002H	2.40	84.09	0.00	0.0000	27288	1.00	0.78	2.40	0.01
SMF-13	POST	FDOT002Y002H	2.49	81.71	0.00	0.0000	72796	1.00	4.94	2.49	0.11
SMF-14	POST	FDOT002Y002H	2.49	82.21	0.00	0.0001	43450	1.17	8.64	2.49	0.59
SMF-15	POST	FDOT002Y002H	2.47	83.27	0.00	0.0000	85331	1.00	7.59	2.47	0.18
SMF-16	POST	FDOT002Y002H	2.50	83.45	0.00	0.0001	111724	1.00	15.87	2.50	0.44
SMF-17	POST	FDOT002Y002H	2.35	82.52	0.00	0.0011	8520	1.00	0.41	2.35	0.34
SMF-19	POST	FDOT002Y002H	2.35	82.53	0.00	0.0001	22153	1.00	3.00	0.64	2.31
SMF-20	POST	FDOT002Y002H	2.08	86.06	0.00	0.0000	13640	1.00	0.33	0.00	0.00
WET-01-PRE	PRE	FDOT002Y002H	4.17	80.16	0.00	0.0001	221578	0.83	37.27	0.00	0.00
WET-01-PST	POST	FDOT002Y002H	2.32	79.94	0.00	0.0001	187000	0.83	31.21	2.32	0.28
WET-02-PRE	PRE	FDOT002Y002H	4.33	79.11	0.00	0.0001	94450	0.83	12.94	0.00	0.00
WET-02-PST	POST	FDOT002Y002H	10.28	79.92	0.00	0.0001	115707	0.83	11.06	25.34	0.07
WET-03-PRE	PRE	FDOT002Y002H	4.00	80.15	0.00	0.0001	35882	1.17	5.38	0.00	0.00
WET-04-PRE	PRE	FDOT002Y002H	5.17	78.58	0.00	0.0002	280998	0.83	43.93	0.00	0.00
WET-04-PST	POST	FDOT002Y002H	30.00	78.66	0.00	0.0002	301223	0.83	40.63	0.00	0.00
WET-05-PRE	PRE	FDOT002Y002H	4.17	78.98	0.00	0.0001	113176	0.83	13.47	0.00	0.00
WET-05-PST	POST	FDOT002Y002H	2.23	78.70	0.00	0.0000	112042	0.83	9.68	2.20	0.17
WET-06-PRE	PRE	FDOT002Y002H	3.83	81.49	0.00	0.0003	5654	1.00	2.64	0.00	0.00
WET-07-PRE	PRE	FDOT002Y002H	3.83	79.22	0.00	0.0000	231917	1.83	0.90	0.00	0.00
WET-07-PST	POST	FDOT002Y002H	2.83	78.72	0.00	0.0000	165763	1.00	0.93	0.00	0.00
WET-08-PRE	PRE	FDOT002Y002H	5.50	78.71	0.00	0.0000	158664	2.00	0.39	0.00	0.00
WET-08-PST	POST	FDOT002Y002H	30.00	78.88	0.00	0.0000	160095	2.00	0.48	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y004H	4.50	79.61	0.00	0.0000	87421	2.50	2.03	0.00	0.00
COMP-02	POST	FDOT002Y004H	4.50	78.63	0.00	0.0000	89869	2.50	2.49	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y004H	0.00	79.50	0.00	0.0000	1	3.17	13.12	0.00	0.00
OUT-01-PST	POST	FDOT002Y004H	0.00	79.50	0.00	0.0000	47	2.50	6.89	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y004H	0.00	78.50	0.00	0.0000	0	2.50	3.37	0.00	0.00
OUT-02-PST	POST	FDOT002Y004H	0.00	78.50	0.00	0.0000	0	2.67	0.33	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y004H	0.00	76.50	0.00	0.0000	1	2.67	0.71	0.00	0.00
OUT-03-PST	POST	FDOT002Y004H	0.00	76.50	0.00	0.0000	0	4.00	0.00	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y004H	0.00	78.50	0.00	0.0000	2	3.00	4.73	0.00	0.00
OUT-04-PST	POST	FDOT002Y004H	0.00	78.50	0.00	0.0000	0	3.00	0.98	0.00	0.00
S-04A	POST	FDOT002Y004H	4.12	82.72	0.00	0.0401	139	2.50	17.82	1.56	33.77
S-04B	POST	FDOT002Y004H	4.02	82.63	0.00	-0.0253	164	2.50	25.67	2.50	16.81
S-04C	POST	FDOT002Y004H	4.00	82.70	0.00	0.0277	169	2.50	14.70	2.50	25.24
S-04D	POST	FDOT002Y004H	4.00	82.68	0.00	-0.0073	135	2.50	10.15	2.50	10.95
S-04E	POST	FDOT002Y004H	4.00	82.70	0.00	0.0068	126	2.50	6.67	2.50	7.41
S-05A	POST	FDOT002Y004H	4.30	81.92	0.00	0.0021	135	1.95	2.27	2.72	1.89
S-05B	POST	FDOT002Y004H	4.28	81.93	0.00	0.0022	143	2.77	1.62	1.94	2.15
S-05C	POST	FDOT002Y004H	4.25	81.92	0.00	-0.0034	132	1.42	2.67	2.78	1.58
S-05D	POST	FDOT002Y004H	4.25	81.93	0.00	-0.0027	124	2.83	1.14	1.42	2.67
S-05F	POST	FDOT002Y004H	4.35	81.92	0.00	0.0018	120	1.86	0.34	1.86	0.33
S-08A	POST	FDOT002Y004H	4.23	83.72	0.00	-0.0036	119	1.69	1.80	1.00	0.95
S-08B	POST	FDOT002Y004H	4.24	83.73	0.00	-0.0043	119	1.00	0.00	1.00	1.72
S-08C	POST	FDOT002Y004H	4.15	83.72	0.00	-0.0052	141	2.54	6.14	2.54	6.13
S-08D	POST	FDOT002Y004H	4.09	83.73	0.00	0.0039	151	2.54	6.07	2.54	6.05
S-08E	POST	FDOT002Y004H	4.03	83.73	0.00	-0.0040	139	2.59	5.39	2.60	5.37
S-09A	POST	FDOT002Y004H	4.25	83.73	0.00	-0.0062	124	2.01	1.48	1.21	3.10
S-17A	POST	FDOT002Y004H	4.11	82.74	0.00	-0.0036	142	3.00	2.51	2.92	0.39
S-17B	POST	FDOT002Y004H	4.12	82.75	0.00	0.0059	136	1.40	0.00	1.54	2.29
S-17C	POST	FDOT002Y004H	4.13	82.74	0.00	-0.0059	124	1.65	2.36	0.00	0.00
SMF-01	POST	FDOT002Y004H	4.33	84.59	0.00	0.0001	95911	2.67	10.27	4.33	0.52
SMF-02	POST	FDOT002Y004H	3.69	83.70	0.00	0.0002	24779	2.50	7.61	3.69	2.08
SMF-03	POST	FDOT002Y004H	4.25	82.66	0.00	0.0001	68188	2.51	14.64	4.25	0.75
SMF-04	POST	FDOT002Y004H	4.25	82.66	0.00	0.0006	24024	1.56	34.06	2.51	12.83
SMF-05	POST	FDOT002Y004H	4.33	81.92	0.00	0.0017	31273	2.67	2.54	4.33	0.38
SMF-06	POST	FDOT002Y004H	4.37	81.92	0.00	0.0000	35512	2.50	2.29	1.84	0.31
SMF-07	POST	FDOT002Y004H	4.25	81.93	0.00	0.0000	34186	2.67	3.77	3.25	1.04
SMF-08	POST	FDOT002Y004H	4.21	83.72	0.00	0.0001	62483	2.50	8.22	4.21	0.87
SMF-09	POST	FDOT002Y004H	4.26	83.72	0.00	0.0001	29541	1.21	3.16	0.00	0.00
SMF-10	POST	FDOT002Y004H	4.27	83.73	0.00	0.0001	30849	2.50	2.61	0.00	0.00
SMF-11	POST	FDOT002Y004H	4.02	83.74	0.00	0.0001	8533	2.50	5.82	2.67	4.85
SMF-12	POST	FDOT002Y004H	4.28	84.13	0.00	0.0000	27422	2.50	0.72	4.28	0.02
SMF-13	POST	FDOT002Y004H	4.30	81.80	0.00	0.0000	73573	2.67	4.26	4.30	0.19
SMF-14	POST	FDOT002Y004H	4.21	82.43	0.00	0.0001	45220	2.67	7.78	4.21	0.89
SMF-15	POST	FDOT002Y004H	4.28	83.37	0.00	0.0000	85973	2.50	5.89	4.28	0.28
SMF-16	POST	FDOT002Y004H	4.33	83.63	0.00	0.0001	113526	2.67	13.40	4.33	0.73
SMF-17	POST	FDOT002Y004H	4.12	82.74	0.00	0.0010	8972	2.67	0.98	4.12	0.57
SMF-19	POST	FDOT002Y004H	4.14	82.75	0.00	0.0001	23015	2.67	2.92	1.65	2.35
SMF-20	POST	FDOT002Y004H	3.72	86.12	0.00	0.0000	13766	2.67	0.43	0.00	0.00
WET-01-PRE	PRE	FDOT002Y004H	6.17	80.33	0.00	0.0011	234775	2.50	25.08	0.00	0.00
WET-01-PST	POST	FDOT002Y004H	4.18	80.04	0.00	0.0012	199363	2.00	16.05	4.18	0.57
WET-02-PRE	PRE	FDOT002Y004H	6.33	79.27	0.00	0.0004	98461	2.50	9.02	0.00	0.00
WET-02-PST	POST	FDOT002Y004H	9.42	80.02	0.00	0.0001	118139	2.00	5.77	20.37	0.14
WET-03-PRE	PRE	FDOT002Y004H	6.00	80.47	0.00	0.0001	45535	3.00	6.33	0.00	0.00
WET-04-PRE	PRE	FDOT002Y004H	7.17	78.75	0.00	0.0014	325871	2.50	29.15	0.00	0.00
WET-04-PST	POST	FDOT002Y004H	30.00	78.82	0.00	0.0014	344252	2.00	21.12	0.00	0.00
WET-05-PRE	PRE	FDOT002Y004H	6.17	79.15	0.00	0.0002	113912	2.50	11.04	0.00	0.00
WET-05-PST	POST	FDOT002Y004H	30.00	78.80	0.00	0.0002	112492	2.00	5.03	4.05	0.26
WET-06-PRE	PRE	FDOT002Y004H	5.83	82.20	0.00	0.0003	6272	2.67	2.50	0.00	0.00
WET-07-PRE	PRE	FDOT002Y004H	5.83	79.24	0.00	0.0000	233396	3.17	1.92	0.00	0.00
WET-07-PST	POST	FDOT002Y004H	4.83	78.73	0.00	0.0000	166449	2.50	1.00	0.00	0.00
WET-08-PRE	PRE	FDOT002Y004H	7.33	78.73	0.00	0.0000	158848	3.33	0.89	0.00	0.00
WET-08-PST	POST	FDOT002Y004H	30.00	78.97	0.00	0.0000	160919	4.00	0.76	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y008H	8.50	79.66	0.00	0.0000	88417	4.00	2.42	0.00	0.00
COMP-02	POST	FDOT002Y008H	8.50	78.69	0.00	0.0000	90116	4.00	2.98	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y008H	0.00	79.50	0.00	0.0000	1	4.17	12.13	0.00	0.00
OUT-01-PST	POST	FDOT002Y008H	0.00	79.50	0.00	0.0000	47	4.00	8.13	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y008H	0.00	78.50	0.00	0.0000	0	4.00	3.82	0.00	0.00
OUT-02-PST	POST	FDOT002Y008H	0.00	78.50	0.00	0.0000	0	4.00	0.39	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y008H	0.00	76.50	0.00	0.0000	1	4.17	0.77	0.00	0.00
OUT-03-PST	POST	FDOT002Y008H	0.00	76.50	0.00	0.0000	0	7.00	0.01	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y008H	0.00	78.50	0.00	0.0000	2	4.17	4.91	0.00	0.00
OUT-04-PST	POST	FDOT002Y008H	0.00	78.50	0.00	0.0000	0	7.00	1.21	0.00	0.00
S-04A	POST	FDOT002Y008H	8.06	82.90	0.00	0.0349	139	4.03	44.37	3.00	32.44
S-04B	POST	FDOT002Y008H	8.00	83.01	0.00	0.0287	164	3.94	25.83	4.24	43.27
S-04C	POST	FDOT002Y008H	8.00	82.95	0.00	0.0284	169	3.96	15.97	3.94	25.34
S-04D	POST	FDOT002Y008H	8.00	82.99	0.00	-0.0121	135	3.97	11.26	3.96	11.66
S-04E	POST	FDOT002Y008H	8.00	82.98	0.00	0.0066	126	4.00	7.89	3.97	8.11
S-05A	POST	FDOT002Y008H	8.23	82.05	0.00	0.0021	135	3.47	2.27	4.17	1.99
S-05B	POST	FDOT002Y008H	8.22	82.04	0.00	0.0022	143	6.00	1.98	3.45	2.15
S-05C	POST	FDOT002Y008H	8.21	82.05	0.00	-0.0034	132	2.42	2.70	5.97	1.97
S-05D	POST	FDOT002Y008H	8.21	82.05	0.00	-0.0026	124	4.33	1.29	2.42	2.70
S-05F	POST	FDOT002Y008H	8.25	82.04	0.00	0.0018	120	3.37	0.30	3.37	0.30
S-08A	POST	FDOT002Y008H	8.16	83.87	0.00	-0.0018	119	1.86	1.72	8.39	0.83
S-08B	POST	FDOT002Y008H	8.15	83.88	0.00	-0.0043	119	8.87	0.83	1.86	1.72
S-08C	POST	FDOT002Y008H	8.11	83.87	0.00	-0.0047	141	4.02	6.93	4.03	6.91
S-08D	POST	FDOT002Y008H	8.06	83.88	0.00	0.0052	151	4.03	6.84	4.03	6.82
S-08E	POST	FDOT002Y008H	8.04	83.88	0.00	-0.0060	139	4.07	6.08	4.07	6.06
S-09A	POST	FDOT002Y008H	8.16	83.88	0.00	-0.0052	124	3.97	1.61	2.32	3.08
S-17A	POST	FDOT002Y008H	7.42	82.87	0.00	-0.0036	142	4.00	2.54	3.96	0.42
S-17B	POST	FDOT002Y008H	7.42	82.88	0.00	0.0059	136	2.86	0.00	3.03	2.30
S-17C	POST	FDOT002Y008H	7.42	82.87	0.00	-0.0059	124	3.13	2.36	0.00	0.00
SMF-01	POST	FDOT002Y008H	8.25	84.73	0.00	0.0001	96966	4.00	11.70	8.25	0.71
SMF-02	POST	FDOT002Y008H	5.43	83.76	0.00	0.0002	24983	4.00	8.75	5.43	2.21
SMF-03	POST	FDOT002Y008H	8.17	82.95	0.00	0.0001	70291	4.00	16.84	8.17	1.05
SMF-04	POST	FDOT002Y008H	8.16	82.95	0.00	0.0006	25002	3.00	32.67	4.01	14.72
SMF-05	POST	FDOT002Y008H	8.24	82.04	0.00	0.0017	31983	4.00	2.89	8.24	0.55
SMF-06	POST	FDOT002Y008H	8.25	82.04	0.00	0.0000	35945	4.00	2.68	2.42	0.30
SMF-07	POST	FDOT002Y008H	8.21	82.05	0.00	0.0001	34725	4.00	4.21	4.33	1.18
SMF-08	POST	FDOT002Y008H	8.15	83.87	0.00	0.0001	63246	4.00	9.45	8.15	1.15
SMF-09	POST	FDOT002Y008H	8.16	83.88	0.00	0.0001	30072	2.32	3.12	8.87	0.83
SMF-10	POST	FDOT002Y008H	8.17	83.88	0.00	0.0001	31383	4.00	3.05	0.00	0.00
SMF-11	POST	FDOT002Y008H	8.04	83.88	0.00	-0.0001	8848	4.00	6.69	4.15	5.51
SMF-12	POST	FDOT002Y008H	8.22	84.17	0.00	0.0000	27565	4.00	0.85	8.22	0.04
SMF-13	POST	FDOT002Y008H	8.24	81.89	0.00	0.0000	74325	4.00	4.86	8.24	0.28
SMF-14	POST	FDOT002Y008H	7.47	82.57	0.00	0.0001	46249	4.17	8.63	7.47	1.08
SMF-15	POST	FDOT002Y008H	8.21	83.46	0.00	0.0000	86563	4.00	6.77	8.21	0.40
SMF-16	POST	FDOT002Y008H	8.24	83.78	0.00	0.0001	115133	4.00	15.08	8.24	1.02
SMF-17	POST	FDOT002Y008H	7.42	82.87	0.00	0.0010	9253	4.08	1.09	7.42	0.73
SMF-19	POST	FDOT002Y008H	7.42	82.88	0.00	0.0001	23550	4.17	3.22	3.13	2.36
SMF-20	POST	FDOT002Y008H	7.01	86.14	0.00	0.0000	13810	4.00	0.53	0.00	0.00
WET-01-PRE	PRE	FDOT002Y008H	10.08	80.53	0.00	0.0007	249349	4.00	28.57	0.00	0.00
WET-01-PST	POST	FDOT002Y008H	10.45	80.14	0.00	0.0008	206493	4.00	17.35	10.45	0.92
WET-02-PRE	PRE	FDOT002Y008H	10.25	79.44	0.00	0.0002	103011	4.00	10.29	0.00	0.00
WET-02-PST	POST	FDOT002Y008H	10.51	80.14	0.00	0.0001	120114	4.00	6.53	19.22	0.24
WET-03-PRE	PRE	FDOT002Y008H	10.00	80.79	0.00	0.0001	55281	4.17	6.92	0.00	0.00
WET-04-PRE	PRE	FDOT002Y008H	11.17	78.93	0.00	0.0009	373086	4.00	32.91	0.00	0.00
WET-04-PST	POST	FDOT002Y008H	30.00	78.99	0.00	0.0009	389121	4.00	22.17	0.00	0.00
WET-05-PRE	PRE	FDOT002Y008H	10.08	79.35	0.00	0.0002	114774	4.00	12.48	0.00	0.00
WET-05-PST	POST	FDOT002Y008H	30.00	78.98	0.00	0.0001	113278	4.00	5.27	8.01	0.36
WET-06-PRE	PRE	FDOT002Y008H	9.83	82.96	0.00	0.0003	6933	4.17	2.69	0.00	0.00
WET-07-PRE	PRE	FDOT002Y008H	9.83	79.27	0.00	0.0000	235636	5.00	1.85	0.00	0.00
WET-07-PST	POST	FDOT002Y008H	8.83	78.74	0.00	0.0000	167339	4.00	1.18	0.00	0.00
WET-08-PRE	PRE	FDOT002Y008H	11.42	78.77	0.00	0.0000	159154	5.17	0.98	0.00	0.00
WET-08-PST	POST	FDOT002Y008H	30.00	79.08	0.00	0.0000	163636	8.00	1.07	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y024H	24.50	79.77	0.00	0.0000	90732	12.00	0.79	0.00	0.00
COMP-02	POST	FDOT002Y024H	24.50	78.82	0.00	0.0000	90709	12.00	0.98	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y024H	0.00	79.50	0.00	0.0000	1	15.08	6.35	0.00	0.00
OUT-01-PST	POST	FDOT002Y024H	0.00	79.50	0.00	0.0000	47	21.00	6.04	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y024H	0.00	78.50	0.00	0.0000	0	12.00	1.38	0.00	0.00
OUT-02-PST	POST	FDOT002Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.14	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y024H	0.00	76.50	0.00	0.0000	1	12.08	0.30	0.00	0.00
OUT-03-PST	POST	FDOT002Y024H	0.00	76.50	0.00	0.0000	0	19.00	0.02	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y024H	0.00	78.50	0.00	0.0000	2	12.08	2.11	0.00	0.00
OUT-04-PST	POST	FDOT002Y024H	0.00	78.50	0.00	0.0000	0	21.00	1.63	0.00	0.00
S-04A	POST	FDOT002Y024H	21.01	83.33	0.00	0.0325	139	0.00	0.00	7.19	31.53
S-04B	POST	FDOT002Y024H	21.00	83.24	0.00	-0.0253	164	12.00	24.64	0.00	0.00
S-04C	POST	FDOT002Y024H	21.00	83.32	0.00	0.0124	169	0.00	0.00	12.00	24.47
S-04D	POST	FDOT002Y024H	21.00	83.30	0.00	-0.0121	135	12.08	7.31	0.00	0.00
S-04E	POST	FDOT002Y024H	21.00	83.32	0.00	0.0066	126	12.00	2.53	11.17	6.34
S-05A	POST	FDOT002Y024H	21.43	82.21	0.00	-0.0024	135	12.10	2.24	12.46	1.75
S-05B	POST	FDOT002Y024H	21.39	82.21	0.00	0.0022	143	13.00	1.99	11.36	2.12
S-05C	POST	FDOT002Y024H	21.40	82.22	0.00	-0.0034	132	5.76	2.70	12.94	1.97
S-05D	POST	FDOT002Y024H	21.37	82.21	0.00	0.0025	124	12.21	0.91	5.76	2.70
S-05F	POST	FDOT002Y024H	21.44	82.21	0.00	0.0018	120	5.92	0.31	22.87	0.31
S-08A	POST	FDOT002Y024H	22.00	84.09	0.00	-0.0017	119	4.18	1.72	20.89	0.89
S-08B	POST	FDOT002Y024H	22.07	84.09	0.00	-0.0042	119	20.89	0.84	4.18	1.72
S-08C	POST	FDOT002Y024H	22.02	84.08	0.00	-0.0048	141	11.32	5.07	11.34	3.21
S-08D	POST	FDOT002Y024H	22.02	84.10	0.00	0.0052	151	11.34	3.23	11.32	5.03
S-08E	POST	FDOT002Y024H	22.01	84.09	0.00	-0.0060	139	11.33	3.96	15.11	2.98
S-09A	POST	FDOT002Y024H	22.10	84.10	0.00	-0.0049	124	0.00	0.00	5.22	3.03
S-17A	POST	FDOT002Y024H	21.05	83.02	0.00	-0.0036	142	7.28	2.33	18.31	0.18
S-17B	POST	FDOT002Y024H	21.05	83.03	0.00	0.0059	136	0.00	0.00	7.28	2.33
S-17C	POST	FDOT002Y024H	21.06	83.02	0.00	-0.0059	124	7.55	2.40	0.00	0.00
SMF-01	POST	FDOT002Y024H	21.13	84.87	0.00	0.0000	98031	12.00	4.06	21.13	1.55
SMF-02	POST	FDOT002Y024H	16.21	83.59	0.00	0.0000	24401	12.00	3.03	16.21	1.83
SMF-03	POST	FDOT002Y024H	21.11	83.26	0.00	-0.0001	72571	12.00	5.59	21.11	2.79
SMF-04	POST	FDOT002Y024H	21.09	83.26	0.00	0.0006	26062	7.19	31.65	12.00	4.90
SMF-05	POST	FDOT002Y024H	21.42	82.20	0.00	0.0018	32954	14.19	2.22	21.42	1.11
SMF-06	POST	FDOT002Y024H	21.48	82.21	0.00	0.0000	36544	12.00	0.89	5.92	0.31
SMF-07	POST	FDOT002Y024H	21.36	82.22	0.00	0.0000	35476	12.08	1.50	12.21	0.85
SMF-08	POST	FDOT002Y024H	22.02	84.09	0.00	0.0000	64348	11.34	3.12	22.02	1.60
SMF-09	POST	FDOT002Y024H	22.10	84.09	0.00	0.0000	30824	5.22	3.05	26.57	0.83
SMF-10	POST	FDOT002Y024H	22.12	84.09	0.00	0.0000	32136	12.00	0.99	0.00	0.00
SMF-11	POST	FDOT002Y024H	22.01	84.10	0.00	0.0001	9309	12.00	2.30	16.25	3.77
SMF-12	POST	FDOT002Y024H	22.20	84.25	0.00	0.0000	27813	12.00	0.29	22.20	0.07
SMF-13	POST	FDOT002Y024H	22.11	82.03	0.00	0.0000	75509	12.00	1.72	22.11	0.47
SMF-14	POST	FDOT002Y024H	21.05	82.69	0.00	0.0000	47215	12.08	3.09	21.05	1.28
SMF-15	POST	FDOT002Y024H	22.07	83.60	0.00	0.0000	87445	12.00	2.33	22.07	0.61
SMF-16	POST	FDOT002Y024H	22.03	84.02	0.00	0.0000	117498	12.08	5.35	22.03	1.54
SMF-17	POST	FDOT002Y024H	21.04	83.02	0.00	0.0011	9565	18.33	0.33	21.04	0.93
SMF-19	POST	FDOT002Y024H	21.07	83.03	0.00	0.0000	24144	12.08	1.19	7.54	2.40
SMF-20	POST	FDOT002Y024H	19.34	86.10	0.00	-0.0000	13726	12.00	0.10	0.00	0.00
WET-01-PRE	PRE	FDOT002Y024H	24.46	80.91	0.00	0.0003	277723	12.00	10.19	24.45	0.36
WET-01-PST	POST	FDOT002Y024H	24.01	80.34	0.00	0.0004	221590	12.00	5.41	24.01	1.91
WET-02-PRE	PRE	FDOT002Y024H	26.25	79.80	0.00	0.0002	112509	12.00	3.70	0.00	0.00
WET-02-PST	POST	FDOT002Y024H	24.03	80.34	0.00	0.0001	123668	12.00	2.08	29.15	0.49
WET-03-PRE	PRE	FDOT002Y024H	26.00	81.41	0.00	0.0000	63544	12.08	2.85	0.00	0.00
WET-04-PRE	PRE	FDOT002Y024H	27.25	79.27	0.00	0.0004	420099	12.00	12.56	0.00	0.00
WET-04-PST	POST	FDOT002Y024H	30.00	79.27	0.00	0.0004	420447	12.00	7.79	0.00	0.00
WET-05-PRE	PRE	FDOT002Y024H	26.25	79.79	0.00	0.0001	116693	12.00	4.65	0.00	0.00
WET-05-PST	POST	FDOT002Y024H	30.00	79.26	0.00	0.0001	114488	12.00	1.65	16.88	0.40
WET-06-PRE	PRE	FDOT002Y024H	26.00	84.35	0.00	0.0001	11038	12.08	1.03	0.00	0.00
WET-07-PRE	PRE	FDOT002Y024H	26.00	79.37	0.00	0.0000	241936	15.08	1.19	0.00	0.00
WET-07-PST	POST	FDOT002Y024H	25.00	78.78	0.00	0.0000	169509	12.00	0.42	0.00	0.00
WET-08-PRE	PRE	FDOT002Y024H	27.50	78.87	0.00	0.0000	160043	19.00	0.78	0.00	0.00
WET-08-PST	POST	FDOT002Y024H	30.00	79.20	0.00	0.0000	167137	22.00	1.60	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT002Y072H	72.00	79.82	0.00	0.0000	91896	60.00	0.64	0.00	0.00
COMP-02	POST	FDOT002Y072H	72.00	78.89	0.00	0.0000	91015	60.00	0.83	0.00	0.00
OUT-01-PRE	PRE	FDOT002Y072H	0.00	79.50	0.00	0.0000	1	60.00	7.36	0.00	0.00
OUT-01-PST	POST	FDOT002Y072H	0.00	79.50	0.00	0.0000	47	64.00	6.08	0.00	0.00
OUT-02-PRE	PRE	FDOT002Y072H	0.00	78.50	0.00	0.0000	0	60.00	1.07	0.00	0.00
OUT-02-PST	POST	FDOT002Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.16	0.00	0.00
OUT-03-PRE	PRE	FDOT002Y072H	0.00	76.50	0.00	0.0000	1	60.00	0.24	0.00	0.00
OUT-03-PST	POST	FDOT002Y072H	0.00	76.50	0.00	0.0000	0	60.00	0.04	0.00	0.00
OUT-04-PRE	PRE	FDOT002Y072H	0.00	78.50	0.00	0.0000	2	60.00	2.22	0.00	0.00
OUT-04-PST	POST	FDOT002Y072H	0.00	78.50	0.00	0.0000	0	64.00	1.56	0.00	0.00
S-04A	POST	FDOT002Y072H	64.15	83.22	0.00	-0.0421	139	60.00	41.47	0.00	0.00
S-04B	POST	FDOT002Y072H	64.06	83.33	0.00	0.0369	164	0.00	0.00	60.00	41.18
S-04C	POST	FDOT002Y072H	64.00	83.28	0.00	-0.0195	169	60.00	10.86	0.00	0.00
S-04D	POST	FDOT002Y072H	64.00	83.32	0.00	0.0073	135	0.00	0.00	60.00	9.80
S-04E	POST	FDOT002Y072H	64.00	83.31	0.00	-0.0040	126	60.00	1.84	0.00	0.00
S-05A	POST	FDOT002Y072H	64.45	82.21	0.00	-0.0024	135	59.21	2.23	59.61	1.76
S-05B	POST	FDOT002Y072H	64.46	82.21	0.00	0.0022	143	59.68	1.99	64.77	2.12
S-05C	POST	FDOT002Y072H	64.43	82.21	0.00	-0.0034	132	11.35	2.70	59.68	1.98
S-05D	POST	FDOT002Y072H	64.44	82.22	0.00	0.0025	124	58.90	0.90	11.35	2.70
S-05F	POST	FDOT002Y072H	64.49	82.21	0.00	0.0018	120	65.23	0.32	65.23	0.32
S-08A	POST	FDOT002Y072H	64.74	84.04	0.00	-0.0017	119	9.52	1.72	64.15	0.89
S-08B	POST	FDOT002Y072H	64.65	84.05	0.00	-0.0042	119	64.15	0.84	9.52	1.72
S-08C	POST	FDOT002Y072H	64.55	84.04	0.00	-0.0047	141	59.93	5.04	59.72	3.16
S-08D	POST	FDOT002Y072H	64.55	84.05	0.00	0.0052	151	59.95	3.17	59.93	5.02
S-08E	POST	FDOT002Y072H	64.55	84.05	0.00	-0.0060	139	59.94	3.91	59.48	2.98
S-09A	POST	FDOT002Y072H	64.67	84.05	0.00	-0.0049	124	0.00	0.00	9.59	3.03
S-17A	POST	FDOT002Y072H	64.25	82.98	0.00	0.0015	142	0.00	0.00	15.15	1.92
S-17B	POST	FDOT002Y072H	64.24	82.98	0.00	-0.0062	136	13.58	7.24	0.00	0.00
S-17C	POST	FDOT002Y072H	64.25	82.99	0.00	0.0070	124	0.00	0.00	13.58	7.24
SMF-01	POST	FDOT002Y072H	64.27	84.86	0.00	0.0000	97961	60.00	2.96	64.27	1.46
SMF-02	POST	FDOT002Y072H	60.73	83.47	0.00	0.0000	24005	60.00	2.29	60.73	1.59
SMF-03	POST	FDOT002Y072H	64.26	83.26	0.00	0.0000	72554	60.00	4.44	64.26	2.76
SMF-04	POST	FDOT002Y072H	64.24	83.26	0.00	0.0002	26055	0.00	0.00	60.00	3.97
SMF-05	POST	FDOT002Y072H	64.47	82.21	0.00	0.0018	32967	59.63	2.35	64.47	1.12
SMF-06	POST	FDOT002Y072H	64.51	82.21	0.00	0.0000	36552	60.00	0.65	11.50	0.31
SMF-07	POST	FDOT002Y072H	64.43	82.22	0.00	0.0000	35485	60.00	1.13	58.90	0.84
SMF-08	POST	FDOT002Y072H	64.78	84.04	0.00	0.0000	64104	59.95	3.16	64.78	1.50
SMF-09	POST	FDOT002Y072H	64.67	84.05	0.00	0.0000	30659	10.59	3.04	69.09	0.82
SMF-10	POST	FDOT002Y072H	64.68	84.05	0.00	0.0000	31970	60.00	0.67	0.00	0.00
SMF-11	POST	FDOT002Y072H	64.55	84.06	0.00	0.0001	9208	60.00	1.71	60.54	3.76
SMF-12	POST	FDOT002Y072H	64.83	84.26	0.00	0.0000	27843	60.00	0.24	64.83	0.07
SMF-13	POST	FDOT002Y072H	64.66	82.03	0.00	0.0000	75529	60.00	1.38	64.66	0.48
SMF-14	POST	FDOT002Y072H	64.29	82.60	0.00	0.0000	46488	60.00	2.31	64.29	1.13
SMF-15	POST	FDOT002Y072H	64.67	83.59	0.00	0.0000	87374	60.00	1.73	64.67	0.59
SMF-16	POST	FDOT002Y072H	64.64	84.00	0.00	0.0000	117302	60.00	4.13	64.64	1.46
SMF-17	POST	FDOT002Y072H	64.24	82.98	0.00	-0.0005	9482	15.74	1.92	64.24	0.88
SMF-19	POST	FDOT002Y072H	64.25	82.99	0.00	-0.0000	23986	60.00	0.99	0.00	0.00
SMF-20	POST	FDOT002Y072H	64.10	86.09	0.00	0.0000	13704	60.00	0.10	0.00	0.00
WET-01-PRE	PRE	FDOT002Y072H	69.68	81.03	0.00	0.0003	286866	60.00	7.08	69.13	0.70
WET-01-PST	POST	FDOT002Y072H	66.70	80.36	0.00	0.0004	223302	60.00	4.49	66.70	2.04
WET-02-PRE	PRE	FDOT002Y072H	72.00	79.96	0.00	0.0002	116689	60.00	2.62	0.00	0.00
WET-02-PST	POST	FDOT002Y072H	67.13	80.37	0.00	0.0001	124076	60.00	1.45	72.00	0.50
WET-03-PRE	PRE	FDOT002Y072H	72.00	81.70	0.00	0.0000	64805	60.00	2.57	0.00	0.00
WET-04-PRE	PRE	FDOT002Y072H	72.00	79.41	0.00	0.0004	435340	60.00	9.08	0.00	0.00
WET-04-PST	POST	FDOT002Y072H	72.00	79.45	0.00	0.0004	439039	64.00	6.69	0.00	0.00
WET-05-PRE	PRE	FDOT002Y072H	72.00	79.99	0.00	0.0001	117582	60.00	3.41	0.00	0.00
WET-05-PST	POST	FDOT002Y072H	72.00	79.44	0.00	0.0001	115285	60.00	1.15	40.89	0.13
WET-06-PRE	PRE	FDOT002Y072H	72.00	84.77	0.00	0.0001	14316	60.00	0.76	0.00	0.00
WET-07-PRE	PRE	FDOT002Y072H	72.00	79.42	0.00	0.0000	245351	60.00	1.55	0.00	0.00
WET-07-PST	POST	FDOT002Y072H	72.00	78.80	0.00	0.0000	170647	60.00	0.41	0.00	0.00
WET-08-PRE	PRE	FDOT002Y072H	72.00	78.92	0.00	0.0000	160518	60.00	1.06	0.00	0.00
WET-08-PST	POST	FDOT002Y072H	72.00	79.32	0.00	0.0000	171005	64.06	1.54	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y001H	1.50	79.59	0.00	0.0000	86868	0.67	5.72	0.00	0.00
COMP-02	POST	FDOT005Y001H	1.50	78.60	0.00	0.0000	89732	0.67	6.78	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y001H	0.00	79.50	0.00	0.0000	1	1.00	18.67	0.00	0.00
OUT-01-PST	POST	FDOT005Y001H	0.00	79.50	0.00	0.0000	47	0.67	18.12	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y001H	0.00	78.50	0.00	0.0000	0	0.83	7.17	0.00	0.00
OUT-02-PST	POST	FDOT005Y001H	0.00	78.50	0.00	0.0000	0	0.83	0.77	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y001H	0.00	76.50	0.00	0.0000	1	0.83	1.31	0.00	0.00
OUT-03-PST	POST	FDOT005Y001H	0.00	76.50	0.00	0.0000	0	0.00	0.00	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y001H	0.00	78.50	0.00	0.0000	2	0.83	7.98	0.00	0.00
OUT-04-PST	POST	FDOT005Y001H	0.00	78.50	0.00	0.0000	0	0.83	1.23	0.00	0.00
S-04A	POST	FDOT005Y001H	1.46	82.52	0.00	-0.0466	139	0.50	44.01	0.67	40.39
S-04B	POST	FDOT005Y001H	0.98	82.45	0.00	0.0321	164	0.67	37.97	0.44	43.27
S-04C	POST	FDOT005Y001H	0.84	82.56	0.00	0.0248	169	0.67	36.97	0.67	36.82
S-04D	POST	FDOT005Y001H	0.70	82.81	0.00	0.0127	135	0.67	27.23	0.67	27.07
S-04E	POST	FDOT005Y001H	0.68	83.06	0.00	0.0142	126	0.67	20.29	0.67	19.98
S-05A	POST	FDOT005Y001H	1.69	81.84	0.00	0.0026	135	0.87	3.07	0.87	3.05
S-05B	POST	FDOT005Y001H	1.51	81.84	0.00	-0.0024	143	0.96	2.52	0.96	2.51
S-05C	POST	FDOT005Y001H	1.43	81.85	0.00	0.0024	132	0.97	2.49	1.02	2.47
S-05D	POST	FDOT005Y001H	1.36	81.86	0.00	-0.0027	124	1.14	2.13	1.14	2.12
S-05F	POST	FDOT005Y001H	1.69	81.84	0.00	-0.0019	120	0.69	0.75	0.69	0.73
S-08A	POST	FDOT005Y001H	1.47	83.62	0.00	-0.0036	119	0.67	2.48	0.67	1.35
S-08B	POST	FDOT005Y001H	1.47	83.61	0.00	-0.0045	119	2.48	0.99	0.17	1.72
S-08C	POST	FDOT005Y001H	1.34	83.63	0.00	0.0060	141	0.86	12.72	0.87	12.68
S-08D	POST	FDOT005Y001H	1.04	83.69	0.00	-0.0039	151	0.87	12.60	0.87	12.56
S-08E	POST	FDOT005Y001H	0.97	83.78	0.00	0.0048	139	0.90	11.47	0.90	11.44
S-09A	POST	FDOT005Y001H	1.65	83.61	0.00	-0.0073	124	0.67	4.73	0.68	4.69
S-17A	POST	FDOT005Y001H	1.49	82.60	0.00	-0.0018	142	0.84	3.08	0.83	1.41
S-17B	POST	FDOT005Y001H	1.48	82.61	0.00	0.0046	136	0.33	0.00	0.37	2.23
S-17C	POST	FDOT005Y001H	1.48	82.61	0.00	-0.0055	124	0.42	2.23	0.00	0.00
SMF-01	POST	FDOT005Y001H	1.65	84.48	0.00	0.0001	95121	0.83	25.22	1.65	0.38
SMF-02	POST	FDOT005Y001H	1.32	83.61	0.00	0.0004	24475	0.83	18.92	1.32	1.88
SMF-03	POST	FDOT005Y001H	1.49	82.47	0.00	0.0003	66749	0.72	35.83	1.49	0.57
SMF-04	POST	FDOT005Y001H	1.49	82.47	0.00	0.0004	23356	0.68	45.34	0.74	30.89
SMF-05	POST	FDOT005Y001H	1.64	81.84	0.00	0.0001	30792	0.82	5.67	1.64	0.28
SMF-06	POST	FDOT005Y001H	1.89	81.84	0.00	0.0001	35202	0.67	5.79	0.61	0.52
SMF-07	POST	FDOT005Y001H	1.28	81.88	0.00	0.0001	33940	0.83	8.88	1.17	2.08
SMF-08	POST	FDOT005Y001H	1.32	83.62	0.00	0.0002	61970	0.74	19.40	1.32	0.69
SMF-09	POST	FDOT005Y001H	1.62	83.61	0.00	0.0002	29144	0.68	8.04	2.48	0.99
SMF-10	POST	FDOT005Y001H	1.69	83.61	0.00	0.0002	30448	0.67	7.29	2.52	1.45
SMF-11	POST	FDOT005Y001H	0.97	83.86	0.00	0.0004	8785	0.83	14.57	0.94	10.65
SMF-12	POST	FDOT005Y001H	1.42	84.10	0.00	0.0000	27330	0.83	1.71	1.42	0.02
SMF-13	POST	FDOT005Y001H	1.62	81.74	0.00	0.0001	73057	0.83	10.28	1.62	0.13
SMF-14	POST	FDOT005Y001H	1.67	82.30	0.00	0.0002	44149	0.83	16.86	1.67	0.70
SMF-15	POST	FDOT005Y001H	1.61	83.30	0.00	0.0001	85554	0.83	14.74	1.61	0.21
SMF-16	POST	FDOT005Y001H	1.65	83.51	0.00	0.0001	112315	0.83	31.71	1.65	0.53
SMF-17	POST	FDOT005Y001H	1.49	82.60	0.00	0.0009	8691	0.83	2.84	1.49	0.42
SMF-19	POST	FDOT005Y001H	1.47	82.61	0.00	0.0002	22485	0.83	6.54	0.33	2.23
SMF-20	POST	FDOT005Y001H	1.21	86.11	0.00	0.0000	13752	0.83	1.21	0.00	0.00
WET-01-PRE	PRE	FDOT005Y001H	3.17	80.21	0.00	0.0002	225527	0.67	62.31	0.00	0.00
WET-01-PST	POST	FDOT005Y001H	1.61	79.98	0.00	0.0002	192306	0.67	51.30	1.61	0.37
WET-02-PRE	PRE	FDOT005Y001H	3.33	79.16	0.00	0.0002	95631	0.67	22.04	0.00	0.00
WET-02-PST	POST	FDOT005Y001H	8.87	79.95	0.00	0.0001	116489	0.67	18.52	21.10	0.09
WET-03-PRE	PRE	FDOT005Y001H	3.00	80.25	0.00	0.0002	38789	0.83	10.91	0.00	0.00
WET-04-PRE	PRE	FDOT005Y001H	4.17	78.63	0.00	0.0003	294851	0.67	71.68	0.00	0.00
WET-04-PST	POST	FDOT005Y001H	30.00	78.71	0.00	0.0002	315772	0.67	65.33	0.00	0.00
WET-05-PRE	PRE	FDOT005Y001H	3.17	79.03	0.00	0.0001	113391	0.67	23.28	0.00	0.00
WET-05-PST	POST	FDOT005Y001H	1.20	78.72	0.00	0.0001	112127	0.67	15.77	1.15	0.20
WET-06-PRE	PRE	FDOT005Y001H	2.83	81.70	0.00	0.0006	5833	0.83	4.91	0.00	0.00
WET-07-PRE	PRE	FDOT005Y001H	2.83	79.22	0.00	0.0000	232278	1.00	2.21	0.00	0.00
WET-07-PST	POST	FDOT005Y001H	1.83	78.72	0.00	0.0000	165951	0.83	2.38	0.00	0.00
WET-08-PRE	PRE	FDOT005Y001H	4.50	78.72	0.00	0.0000	158710	1.17	0.75	0.00	0.00
WET-08-PST	POST	FDOT005Y001H	30.00	78.91	0.00	0.0000	160349	0.83	0.65	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y002H	2.50	79.63	0.00	0.0000	87725	0.83	4.74	0.00	0.00
COMP-02	POST	FDOT005Y002H	2.50	78.65	0.00	0.0000	89945	0.83	5.62	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y002H	0.00	79.50	0.00	0.0000	1	1.33	16.45	0.00	0.00
OUT-01-PST	POST	FDOT005Y002H	0.00	79.50	0.00	0.0000	47	0.83	15.05	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y002H	0.00	78.50	0.00	0.0000	0	1.00	5.79	0.00	0.00
OUT-02-PST	POST	FDOT005Y002H	0.00	78.50	0.00	0.0000	0	1.00	0.57	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y002H	0.00	76.50	0.00	0.0000	1	1.00	1.09	0.00	0.00
OUT-03-PST	POST	FDOT005Y002H	0.00	76.50	0.00	0.0000	0	2.00	0.01	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y002H	0.00	78.50	0.00	0.0000	2	1.17	6.53	0.00	0.00
OUT-04-PST	POST	FDOT005Y002H	0.00	78.50	0.00	0.0000	0	1.88	1.17	0.00	0.00
S-04A	POST	FDOT005Y002H	2.24	82.84	0.00	-0.0496	139	0.84	33.22	0.52	34.80
S-04B	POST	FDOT005Y002H	2.06	82.76	0.00	-0.0253	164	0.84	31.15	0.84	31.05
S-04C	POST	FDOT005Y002H	2.01	82.85	0.00	0.0280	169	0.84	30.34	0.84	30.22
S-04D	POST	FDOT005Y002H	2.00	82.84	0.00	0.0075	135	0.83	22.41	0.84	22.29
S-04E	POST	FDOT005Y002H	2.00	82.87	0.00	0.0068	126	0.83	16.73	0.84	16.52
S-05A	POST	FDOT005Y002H	2.39	81.98	0.00	0.0026	135	1.14	2.77	1.14	2.76
S-05B	POST	FDOT005Y002H	2.39	81.97	0.00	-0.0024	143	1.23	2.38	1.23	2.37
S-05C	POST	FDOT005Y002H	2.40	81.98	0.00	0.0024	132	1.24	2.35	1.24	2.34
S-05D	POST	FDOT005Y002H	2.31	81.98	0.00	-0.0027	124	1.33	1.77	1.33	1.76
S-05F	POST	FDOT005Y002H	2.44	81.97	0.00	-0.0019	120	0.76	0.62	0.56	0.62
S-08A	POST	FDOT005Y002H	2.34	83.79	0.00	-0.0036	119	0.83	2.22	0.17	0.95
S-08B	POST	FDOT005Y002H	2.37	83.80	0.00	-0.0044	119	0.00	0.00	0.17	1.72
S-08C	POST	FDOT005Y002H	2.14	83.79	0.00	0.0051	141	1.04	10.81	1.04	10.77
S-08D	POST	FDOT005Y002H	2.26	83.81	0.00	0.0037	151	1.04	10.71	1.04	10.68
S-08E	POST	FDOT005Y002H	2.23	83.80	0.00	-0.0040	139	1.06	9.71	1.06	9.68
S-09A	POST	FDOT005Y002H	2.41	83.80	0.00	-0.0067	124	0.83	3.83	0.83	3.79
S-17A	POST	FDOT005Y002H	2.30	82.84	0.00	0.0023	142	0.34	0.00	0.57	2.02
S-17B	POST	FDOT005Y002H	2.30	82.83	0.00	-0.0073	136	0.34	7.25	0.00	0.00
S-17C	POST	FDOT005Y002H	2.30	82.85	0.00	0.0091	124	0.34	0.00	0.34	7.25
SMF-01	POST	FDOT005Y002H	2.47	84.65	0.00	0.0001	96364	1.00	20.51	2.47	0.60
SMF-02	POST	FDOT005Y002H	2.12	83.89	0.00	0.0003	25434	1.00	15.19	2.12	2.52
SMF-03	POST	FDOT005Y002H	2.33	82.78	0.00	0.0002	69072	0.87	29.94	2.33	0.87
SMF-04	POST	FDOT005Y002H	2.33	82.78	0.00	0.0008	24435	0.84	37.57	0.88	25.71
SMF-05	POST	FDOT005Y002H	2.39	81.97	0.00	0.0001	31576	1.00	4.45	2.39	0.45
SMF-06	POST	FDOT005Y002H	2.48	81.97	0.00	0.0001	35692	0.83	4.71	0.73	0.51
SMF-07	POST	FDOT005Y002H	2.27	81.98	0.00	0.0001	34416	1.00	7.24	1.33	1.61
SMF-08	POST	FDOT005Y002H	2.33	83.79	0.00	0.0001	62849	0.87	16.04	2.33	1.00
SMF-09	POST	FDOT005Y002H	2.41	83.80	0.00	0.0001	29786	0.83	6.49	0.00	0.00
SMF-10	POST	FDOT005Y002H	2.43	83.80	0.00	0.0001	31093	0.83	5.82	0.00	0.00
SMF-11	POST	FDOT005Y002H	2.23	83.81	0.00	0.0003	8699	1.00	11.69	1.08	8.86
SMF-12	POST	FDOT005Y002H	2.34	84.14	0.00	0.0000	27476	0.83	1.34	2.34	0.03
SMF-13	POST	FDOT005Y002H	2.45	81.83	0.00	0.0001	73866	1.00	8.24	2.45	0.22
SMF-14	POST	FDOT005Y002H	2.45	82.54	0.00	0.0002	46068	1.00	13.87	2.45	1.05
SMF-15	POST	FDOT005Y002H	2.43	83.40	0.00	0.0001	86219	1.00	11.83	2.43	0.33
SMF-16	POST	FDOT005Y002H	2.47	83.70	0.00	0.0001	114224	1.00	25.80	2.47	0.85
SMF-17	POST	FDOT005Y002H	2.30	82.83	0.00	-0.0005	9177	1.00	2.88	2.30	0.69
SMF-19	POST	FDOT005Y002H	2.31	82.84	0.00	0.0002	23410	1.00	5.30	0.00	0.00
SMF-20	POST	FDOT005Y002H	2.17	86.17	0.00	0.0000	13881	1.00	0.88	0.00	0.00
WET-01-PRE	PRE	FDOT005Y002H	4.17	80.39	0.00	0.0002	239146	0.83	51.76	0.00	0.00
WET-01-PST	POST	FDOT005Y002H	2.31	80.08	0.00	0.0001	202251	0.83	41.38	2.31	0.70
WET-02-PRE	PRE	FDOT005Y002H	4.33	79.32	0.00	0.0001	99867	0.83	18.38	0.00	0.00
WET-02-PST	POST	FDOT005Y002H	7.40	80.06	0.00	0.0001	118735	0.83	15.00	17.25	0.16
WET-03-PRE	PRE	FDOT005Y002H	4.00	80.57	0.00	0.0002	48559	1.17	9.35	0.00	0.00
WET-04-PRE	PRE	FDOT005Y002H	5.17	78.81	0.00	0.0002	341280	0.83	59.34	0.00	0.00
WET-04-PST	POST	FDOT005Y002H	30.00	78.88	0.00	0.0002	360879	0.83	52.82	0.00	0.00
WET-05-PRE	PRE	FDOT005Y002H	4.17	79.21	0.00	0.0001	114161	0.83	19.68	0.00	0.00
WET-05-PST	POST	FDOT005Y002H	30.00	78.88	0.00	0.0001	112812	0.83	12.77	2.15	0.32
WET-06-PRE	PRE	FDOT005Y002H	3.83	82.43	0.00	0.0005	6473	1.00	4.09	0.00	0.00
WET-07-PRE	PRE	FDOT005Y002H	3.83	79.25	0.00	0.0000	234008	1.67	2.37	0.00	0.00
WET-07-PST	POST	FDOT005Y002H	2.83	78.73	0.00	0.0000	166702	1.00	1.83	0.00	0.00
WET-08-PRE	PRE	FDOT005Y002H	5.50	78.74	0.00	0.0000	158933	1.83	1.22	0.00	0.00
WET-08-PST	POST	FDOT005Y002H	30.00	79.01	0.00	0.0000	161574	2.00	0.94	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y004H	4.50	79.68	0.00	0.0000	88870	2.50	3.08	0.00	0.00
COMP-02	POST	FDOT005Y004H	4.50	78.71	0.00	0.0000	90231	2.50	3.87	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y004H	0.00	79.50	0.00	0.0000	1	3.00	22.91	0.00	0.00
OUT-01-PST	POST	FDOT005Y004H	0.00	79.50	0.00	0.0000	47	2.50	10.79	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y004H	0.00	78.50	0.00	0.0000	0	2.50	5.05	0.00	0.00
OUT-02-PST	POST	FDOT005Y004H	0.00	78.50	0.00	0.0000	0	2.50	0.60	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y004H	0.00	76.50	0.00	0.0000	1	2.67	1.06	0.00	0.00
OUT-03-PST	POST	FDOT005Y004H	0.00	76.50	0.00	0.0000	0	3.00	0.06	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y004H	0.00	78.50	0.00	0.0000	2	2.67	7.88	0.00	0.00
OUT-04-PST	POST	FDOT005Y004H	0.00	78.50	0.00	0.0000	0	3.00	1.76	0.00	0.00
S-04A	POST	FDOT005Y004H	4.05	83.23	0.00	-0.0466	139	1.89	44.32	2.77	28.93
S-04B	POST	FDOT005Y004H	4.00	83.14	0.00	0.0321	164	2.77	25.87	1.66	43.27
S-04C	POST	FDOT005Y004H	4.00	83.22	0.00	0.0283	169	2.50	18.75	2.77	25.36
S-04D	POST	FDOT005Y004H	3.55	83.20	0.00	0.0077	135	2.50	13.41	2.50	13.37
S-04E	POST	FDOT005Y004H	3.56	83.23	0.00	0.0068	126	2.50	9.52	2.50	9.47
S-05A	POST	FDOT005Y004H	4.06	82.14	0.00	0.0021	135	2.69	2.77	2.70	2.76
S-05B	POST	FDOT005Y004H	4.24	82.15	0.00	0.0022	143	2.77	2.32	2.77	2.30
S-05C	POST	FDOT005Y004H	4.25	82.14	0.00	-0.0034	132	1.27	2.66	2.78	2.26
S-05D	POST	FDOT005Y004H	4.25	82.15	0.00	-0.0030	124	3.24	1.62	1.27	2.66
S-05F	POST	FDOT005Y004H	4.23	82.14	0.00	0.0018	120	1.73	0.36	1.73	0.36
S-08A	POST	FDOT005Y004H	4.24	84.02	0.00	-0.0015	119	1.53	1.81	4.24	0.84
S-08B	POST	FDOT005Y004H	4.19	84.02	0.00	-0.0043	119	4.24	0.83	0.84	1.72
S-08C	POST	FDOT005Y004H	4.12	84.01	0.00	0.0065	141	2.52	8.75	2.53	8.72
S-08D	POST	FDOT005Y004H	4.08	84.03	0.00	0.0039	151	2.53	8.65	2.53	8.63
S-08E	POST	FDOT005Y004H	4.03	84.03	0.00	-0.0040	139	2.59	7.72	2.59	7.70
S-09A	POST	FDOT005Y004H	4.20	84.03	0.00	-0.0060	124	2.00	2.09	1.10	3.12
S-17A	POST	FDOT005Y004H	4.02	83.11	0.00	-0.0016	142	3.00	0.09	1.55	1.99
S-17B	POST	FDOT005Y004H	4.02	83.11	0.00	-0.0062	136	1.24	7.26	0.00	0.00
S-17C	POST	FDOT005Y004H	4.02	83.13	0.00	0.0070	124	1.24	0.00	1.24	7.26
SMF-01	POST	FDOT005Y004H	4.21	84.84	0.00	0.0001	97851	2.50	14.82	4.21	1.33
SMF-02	POST	FDOT005Y004H	3.58	84.26	0.00	0.0002	26674	2.50	11.18	3.58	3.44
SMF-03	POST	FDOT005Y004H	4.15	83.16	0.00	0.0002	71846	2.51	20.69	4.15	1.83
SMF-04	POST	FDOT005Y004H	4.14	83.16	0.00	0.0003	25724	2.77	33.36	2.51	18.17
SMF-05	POST	FDOT005Y004H	4.24	82.14	0.00	0.0017	32567	2.50	3.90	4.24	0.77
SMF-06	POST	FDOT005Y004H	4.21	82.14	0.00	0.0001	36303	2.50	3.30	1.69	0.33
SMF-07	POST	FDOT005Y004H	4.25	82.15	0.00	0.0001	35176	2.50	5.46	3.32	1.50
SMF-08	POST	FDOT005Y004H	4.18	84.02	0.00	0.0001	63978	2.50	11.59	4.18	1.45
SMF-09	POST	FDOT005Y004H	4.20	84.02	0.00	0.0001	30574	2.08	3.79	5.79	0.83
SMF-10	POST	FDOT005Y004H	4.22	84.02	0.00	0.0001	31885	2.50	3.61	0.00	0.00
SMF-11	POST	FDOT005Y004H	4.02	84.04	0.00	0.0001	9167	2.50	8.47	2.67	6.98
SMF-12	POST	FDOT005Y004H	4.24	84.20	0.00	0.0000	27668	2.50	1.11	4.24	0.05
SMF-13	POST	FDOT005Y004H	4.26	81.96	0.00	0.0000	74936	2.50	6.40	4.26	0.36
SMF-14	POST	FDOT005Y004H	4.13	82.82	0.00	0.0001	48285	2.67	11.24	4.13	1.50
SMF-15	POST	FDOT005Y004H	4.24	83.54	0.00	0.0000	87083	2.50	8.57	4.24	0.51
SMF-16	POST	FDOT005Y004H	4.28	83.93	0.00	0.0001	116639	2.50	19.65	4.28	1.32
SMF-17	POST	FDOT005Y004H	4.02	83.11	0.00	-0.0005	9766	2.67	2.75	4.02	1.06
SMF-19	POST	FDOT005Y004H	4.03	83.12	0.00	0.0001	24526	2.67	4.45	0.00	0.00
SMF-20	POST	FDOT005Y004H	3.97	86.26	0.00	0.0000	14096	2.50	0.85	0.00	0.00
WET-01-PRE	PRE	FDOT005Y004H	6.17	80.62	0.00	0.0010	255626	2.50	34.84	0.00	0.00
WET-01-PST	POST	FDOT005Y004H	4.15	80.20	0.00	0.0011	211158	2.00	21.43	4.15	1.19
WET-02-PRE	PRE	FDOT005Y004H	6.33	79.52	0.00	0.0002	104998	2.50	12.65	0.00	0.00
WET-02-PST	POST	FDOT005Y004H	7.67	80.19	0.00	0.0001	120950	2.00	7.82	15.87	0.29
WET-03-PRE	PRE	FDOT005Y004H	6.00	80.92	0.00	0.0002	59285	2.67	10.08	0.00	0.00
WET-04-PRE	PRE	FDOT005Y004H	7.17	79.00	0.00	0.0013	391542	2.50	40.49	0.00	0.00
WET-04-PST	POST	FDOT005Y004H	30.00	79.09	0.00	0.0013	401090	2.00	27.55	0.00	0.00
WET-05-PRE	PRE	FDOT005Y004H	6.17	79.44	0.00	0.0002	115163	2.50	15.83	0.00	0.00
WET-05-PST	POST	FDOT005Y004H	30.00	79.08	0.00	0.0002	113716	2.00	6.63	4.02	0.49
WET-06-PRE	PRE	FDOT005Y004H	5.83	83.28	0.00	0.0003	7335	2.67	3.60	0.00	0.00
WET-07-PRE	PRE	FDOT005Y004H	5.83	79.29	0.00	0.0000	236790	3.00	4.19	0.00	0.00
WET-07-PST	POST	FDOT005Y004H	4.83	78.75	0.00	0.0000	167754	2.50	1.68	0.00	0.00
WET-08-PRE	PRE	FDOT005Y004H	7.33	78.79	0.00	0.0000	159304	3.17	2.21	0.00	0.00
WET-08-PST	POST	FDOT005Y004H	30.00	79.16	0.00	0.0000	165934	3.63	1.39	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y008H	8.50	79.75	0.00	0.0000	90388	4.00	3.75	0.00	0.00
COMP-02	POST	FDOT005Y008H	8.50	78.80	0.00	0.0000	90620	4.00	4.72	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y008H	0.00	79.50	0.00	0.0000	1	4.17	24.10	0.00	0.00
OUT-01-PST	POST	FDOT005Y008H	0.00	79.50	0.00	0.0000	47	4.00	12.97	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y008H	0.00	78.50	0.00	0.0000	0	4.00	5.84	0.00	0.00
OUT-02-PST	POST	FDOT005Y008H	0.00	78.50	0.00	0.0000	0	4.00	0.73	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y008H	0.00	76.50	0.00	0.0000	1	4.17	1.17	0.00	0.00
OUT-03-PST	POST	FDOT005Y008H	0.00	76.50	0.00	0.0000	0	5.00	0.07	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y008H	0.00	78.50	0.00	0.0000	2	4.17	8.84	0.00	0.00
OUT-04-PST	POST	FDOT005Y008H	0.00	78.50	0.00	0.0000	0	7.00	2.20	0.00	0.00
S-04A	POST	FDOT005Y008H	7.02	83.33	0.00	-0.0466	139	4.18	44.52	4.00	24.82
S-04B	POST	FDOT005Y008H	7.00	83.45	0.00	0.0321	164	4.00	23.20	4.30	43.27
S-04C	POST	FDOT005Y008H	7.00	83.41	0.00	0.0144	169	4.00	22.52	4.00	22.46
S-04D	POST	FDOT005Y008H	7.00	83.46	0.00	0.0090	135	4.00	16.13	4.00	16.08
S-04E	POST	FDOT005Y008H	7.00	83.45	0.00	0.0061	126	4.00	11.48	4.00	11.42
S-05A	POST	FDOT005Y008H	7.85	82.27	0.00	0.0026	135	4.03	2.98	4.04	2.97
S-05B	POST	FDOT005Y008H	8.25	82.27	0.00	-0.0024	143	4.19	2.47	4.19	2.46
S-05C	POST	FDOT005Y008H	7.94	82.27	0.00	0.0024	132	4.20	2.43	4.20	2.42
S-05D	POST	FDOT005Y008H	7.99	82.27	0.00	-0.0027	124	4.34	1.82	4.33	1.81
S-05F	POST	FDOT005Y008H	7.85	82.27	0.00	-0.0018	120	7.95	0.47	2.66	0.56
S-08A	POST	FDOT005Y008H	8.02	84.20	0.00	-0.0036	119	5.96	1.75	1.68	0.95
S-08B	POST	FDOT005Y008H	8.02	84.20	0.00	-0.0043	119	8.62	0.88	1.68	1.72
S-08C	POST	FDOT005Y008H	8.01	84.20	0.00	-0.0054	141	4.02	9.96	4.03	9.93
S-08D	POST	FDOT005Y008H	8.00	84.21	0.00	0.0037	151	4.03	9.85	4.03	9.82
S-08E	POST	FDOT005Y008H	7.27	84.21	0.00	-0.0046	139	4.08	8.82	4.08	8.79
S-09A	POST	FDOT005Y008H	8.03	84.21	0.00	-0.0053	124	4.00	2.22	2.08	3.08
S-17A	POST	FDOT005Y008H	7.21	83.28	0.00	0.0023	142	8.49	1.00	2.93	1.95
S-17B	POST	FDOT005Y008H	7.21	83.28	0.00	-0.0073	136	2.51	7.25	8.55	0.99
S-17C	POST	FDOT005Y008H	7.21	83.29	0.00	0.0091	124	8.55	0.92	2.51	7.25
SMF-01	POST	FDOT005Y008H	7.22	84.94	0.00	0.0001	98602	4.00	17.27	7.22	2.34
SMF-02	POST	FDOT005Y008H	5.32	84.36	0.00	0.0002	27009	4.00	13.13	5.32	3.70
SMF-03	POST	FDOT005Y008H	7.15	83.37	0.00	0.0002	73354	4.00	24.49	7.15	4.09
SMF-04	POST	FDOT005Y008H	7.13	83.37	0.00	0.0003	26431	4.00	30.31	4.01	21.50
SMF-05	POST	FDOT005Y008H	7.69	82.26	0.00	0.0001	33312	4.00	4.55	7.69	1.49
SMF-06	POST	FDOT005Y008H	7.85	82.27	0.00	0.0001	36768	4.00	3.94	8.40	0.45
SMF-07	POST	FDOT005Y008H	7.99	82.28	0.00	0.0001	35734	4.00	6.36	4.34	1.65
SMF-08	POST	FDOT005Y008H	8.03	84.20	0.00	0.0001	64912	4.00	13.54	8.03	2.01
SMF-09	POST	FDOT005Y008H	8.03	84.21	0.00	0.0001	31215	4.00	4.28	8.62	0.88
SMF-10	POST	FDOT005Y008H	8.04	84.21	0.00	0.0001	32532	4.00	4.28	0.00	0.00
SMF-11	POST	FDOT005Y008H	7.26	84.22	0.00	0.0001	9548	4.00	9.93	4.17	8.10
SMF-12	POST	FDOT005Y008H	8.17	84.27	0.00	0.0000	27873	4.00	1.35	8.17	0.07
SMF-13	POST	FDOT005Y008H	8.07	82.07	0.00	0.0001	75878	4.00	7.54	8.07	0.65
SMF-14	POST	FDOT005Y008H	7.20	82.97	0.00	0.0001	49435	4.17	12.72	7.20	1.93
SMF-15	POST	FDOT005Y008H	8.10	83.66	0.00	0.0001	87840	4.00	10.05	8.10	0.77
SMF-16	POST	FDOT005Y008H	7.72	84.12	0.00	0.0001	118498	4.00	22.97	7.72	2.32
SMF-17	POST	FDOT005Y008H	7.22	83.27	0.00	-0.0005	10109	4.00	3.05	7.22	1.30
SMF-19	POST	FDOT005Y008H	7.22	83.29	0.00	0.0001	25175	4.00	5.15	8.55	0.92
SMF-20	POST	FDOT005Y008H	7.39	86.34	0.00	0.0000	14276	4.00	1.07	0.00	0.00
WET-01-PRE	PRE	FDOT005Y008H	9.04	80.87	0.00	0.0009	274450	4.00	40.25	8.96	0.25
WET-01-PST	POST	FDOT005Y008H	9.20	80.34	0.00	0.0010	221410	4.00	23.39	9.20	1.90
WET-02-PRE	PRE	FDOT005Y008H	10.25	79.75	0.00	0.0003	111194	4.00	14.63	0.00	0.00
WET-02-PST	POST	FDOT005Y008H	9.27	80.34	0.00	0.0001	123599	4.00	9.10	16.42	0.47
WET-03-PRE	PRE	FDOT005Y008H	10.00	81.33	0.00	0.0002	63165	4.17	11.31	0.00	0.00
WET-04-PRE	PRE	FDOT005Y008H	11.17	79.22	0.00	0.0011	415244	4.00	46.25	0.00	0.00
WET-04-PST	POST	FDOT005Y008H	30.00	79.36	0.00	0.0011	429384	4.00	29.86	0.00	0.00
WET-05-PRE	PRE	FDOT005Y008H	10.08	79.73	0.00	0.0002	116419	4.00	18.15	0.00	0.00
WET-05-PST	POST	FDOT005Y008H	30.00	79.36	0.00	0.0002	114908	4.00	7.22	6.39	0.61
WET-06-PRE	PRE	FDOT005Y008H	9.83	84.20	0.00	0.0004	9819	4.00	3.96	0.00	0.00
WET-07-PRE	PRE	FDOT005Y008H	9.83	79.35	0.00	0.0000	240957	4.17	4.13	0.00	0.00
WET-07-PST	POST	FDOT005Y008H	8.83	78.77	0.00	0.0000	169191	4.00	2.04	0.00	0.00
WET-08-PRE	PRE	FDOT005Y008H	11.42	78.85	0.00	0.0000	159903	5.17	2.22	0.00	0.00
WET-08-PST	POST	FDOT005Y008H	30.00	79.34	0.00	0.0000	171515	7.74	2.40	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y024H	24.50	79.89	0.00	0.0000	93424	12.00	1.19	0.00	0.00
COMP-02	POST	FDOT005Y024H	24.50	78.99	0.00	0.0000	91421	12.00	1.50	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y024H	0.00	79.50	0.00	0.0000	1	12.17	10.69	0.00	0.00
OUT-01-PST	POST	FDOT005Y024H	0.00	79.50	0.00	0.0000	47	19.00	11.17	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y024H	0.00	78.50	0.00	0.0000	0	12.00	2.01	0.00	0.00
OUT-02-PST	POST	FDOT005Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.25	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y024H	0.00	76.50	0.00	0.0000	1	12.08	0.44	0.00	0.00
OUT-03-PST	POST	FDOT005Y024H	0.00	76.50	0.00	0.0000	0	30.00	0.78	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y024H	0.00	78.50	0.00	0.0000	2	12.08	3.54	0.00	0.00
OUT-04-PST	POST	FDOT005Y024H	0.00	78.50	0.00	0.0000	0	21.00	2.65	0.00	0.00
S-04A	POST	FDOT005Y024H	19.00	83.53	0.00	0.0325	139	0.00	0.00	6.20	31.66
S-04B	POST	FDOT005Y024H	19.00	83.45	0.00	-0.0253	164	12.07	25.27	0.00	0.00
S-04C	POST	FDOT005Y024H	19.00	83.53	0.00	0.0124	169	12.09	4.82	12.07	25.04
S-04D	POST	FDOT005Y024H	19.00	83.52	0.00	-0.0121	135	12.11	7.81	12.09	2.83
S-04E	POST	FDOT005Y024H	19.00	83.55	0.00	0.0068	126	12.00	3.60	11.18	6.44
S-05A	POST	FDOT005Y024H	19.43	82.35	0.00	-0.0024	135	11.45	2.29	11.05	1.76
S-05B	POST	FDOT005Y024H	19.41	82.35	0.00	0.0022	143	11.12	2.00	10.40	2.11
S-05C	POST	FDOT005Y024H	19.39	82.36	0.00	-0.0034	132	5.04	2.70	11.12	1.98
S-05D	POST	FDOT005Y024H	19.38	82.36	0.00	0.0025	124	19.28	1.01	5.04	2.70
S-05F	POST	FDOT005Y024H	19.49	82.35	0.00	0.0018	120	22.76	0.61	22.76	0.61
S-08A	POST	FDOT005Y024H	19.24	84.29	0.00	-0.0017	119	15.92	1.76	19.82	1.44
S-08B	POST	FDOT005Y024H	19.26	84.29	0.00	-0.0042	119	19.82	1.37	3.53	1.72
S-08C	POST	FDOT005Y024H	19.17	84.28	0.00	-0.0049	141	10.38	5.07	12.00	3.49
S-08D	POST	FDOT005Y024H	19.14	84.30	0.00	0.0051	151	12.01	3.46	10.38	5.03
S-08E	POST	FDOT005Y024H	19.08	84.29	0.00	-0.0060	139	10.38	3.96	12.03	3.08
S-09A	POST	FDOT005Y024H	19.16	84.30	0.00	-0.0049	124	18.94	1.39	4.45	3.03
S-17A	POST	FDOT005Y024H	19.36	83.36	0.00	-0.0036	142	12.08	2.41	22.22	1.17
S-17B	POST	FDOT005Y024H	19.36	83.37	0.00	0.0059	136	0.00	0.00	6.27	2.32
S-17C	POST	FDOT005Y024H	19.36	83.37	0.00	-0.0059	124	6.52	2.40	0.00	0.00
SMF-01	POST	FDOT005Y024H	19.10	84.98	0.00	0.0000	98874	12.00	5.77	19.10	2.77
SMF-02	POST	FDOT005Y024H	15.49	83.97	0.00	0.0001	25679	12.00	4.38	15.49	2.69
SMF-03	POST	FDOT005Y024H	19.06	83.45	0.00	-0.0001	73932	12.00	8.04	19.06	5.17
SMF-04	POST	FDOT005Y024H	19.04	83.45	0.00	0.0006	26703	6.20	31.80	12.00	7.09
SMF-05	POST	FDOT005Y024H	19.45	82.35	0.00	0.0018	33820	22.73	2.46	19.45	2.12
SMF-06	POST	FDOT005Y024H	19.62	82.36	0.00	0.0000	37091	12.00	1.27	22.76	0.60
SMF-07	POST	FDOT005Y024H	19.36	82.37	0.00	0.0000	36140	12.00	2.16	19.29	0.96
SMF-08	POST	FDOT005Y024H	19.23	84.28	0.00	0.0000	65340	15.81	4.81	19.23	2.78
SMF-09	POST	FDOT005Y024H	19.27	84.30	0.00	0.0000	31542	4.45	3.05	19.82	1.31
SMF-10	POST	FDOT005Y024H	19.18	84.30	0.00	0.0000	32855	12.00	1.36	22.15	1.06
SMF-11	POST	FDOT005Y024H	19.06	84.30	0.00	0.0001	9727	12.00	3.30	19.02	4.53
SMF-12	POST	FDOT005Y024H	22.09	84.35	0.00	0.0000	28150	12.00	0.44	22.09	0.11
SMF-13	POST	FDOT005Y024H	19.68	82.14	0.00	0.0000	76508	12.00	2.55	19.68	1.06
SMF-14	POST	FDOT005Y024H	19.26	83.00	0.00	0.0000	49677	12.08	4.42	19.26	2.10
SMF-15	POST	FDOT005Y024H	21.26	83.77	0.00	0.0000	88572	12.00	3.34	21.26	1.08
SMF-16	POST	FDOT005Y024H	19.36	84.22	0.00	0.0000	119524	12.00	7.80	19.36	3.48
SMF-17	POST	FDOT005Y024H	19.37	83.36	0.00	0.0011	10289	21.39	1.29	19.37	1.44
SMF-19	POST	FDOT005Y024H	19.36	83.37	0.00	0.0000	25515	12.08	1.79	6.51	2.40
SMF-20	POST	FDOT005Y024H	21.41	86.37	0.00	0.0000	14341	12.00	0.27	0.00	0.00
WET-01-PRE	PRE	FDOT005Y024H	24.06	81.23	0.00	0.0004	306552	12.00	13.98	24.06	1.52
WET-01-PST	POST	FDOT005Y024H	22.22	80.55	0.00	0.0004	236929	12.00	7.29	22.22	3.21
WET-02-PRE	PRE	FDOT005Y024H	26.25	80.19	0.00	0.0002	120843	12.00	5.12	0.00	0.00
WET-02-PST	POST	FDOT005Y024H	22.38	80.55	0.00	0.0001	127245	12.00	2.85	27.57	0.81
WET-03-PRE	PRE	FDOT005Y024H	26.00	82.12	0.00	0.0001	66639	12.08	4.40	0.00	0.00
WET-04-PRE	PRE	FDOT005Y024H	25.95	79.62	0.00	0.0005	456727	12.00	17.26	25.64	0.09
WET-04-PST	POST	FDOT005Y024H	30.00	79.74	0.00	0.0005	469949	16.00	12.82	30.00	0.78
WET-05-PRE	PRE	FDOT005Y024H	30.00	80.32	0.00	0.0001	119013	12.00	6.53	0.00	0.00
WET-05-PST	POST	FDOT005Y024H	30.00	79.74	0.00	0.0001	116595	12.00	2.28	14.65	0.52
WET-06-PRE	PRE	FDOT005Y024H	21.15	85.02	0.00	0.0001	18322	12.08	1.45	21.15	0.53
WET-07-PRE	PRE	FDOT005Y024H	26.00	79.50	0.00	0.0000	250475	15.08	2.08	0.00	0.00
WET-07-PST	POST	FDOT005Y024H	25.00	78.82	0.00	0.0000	172184	12.00	0.69	0.00	0.00
WET-08-PRE	PRE	FDOT005Y024H	27.50	79.02	0.00	0.0000	161643	15.17	1.42	0.00	0.00
WET-08-PST	POST	FDOT005Y024H	30.00	79.58	0.00	0.0000	178840	19.19	3.62	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT005Y072H	72.00	79.96	0.00	0.0000	94872	60.00	0.88	0.00	0.00
COMP-02	POST	FDOT005Y072H	72.00	79.08	0.00	0.0000	92821	60.00	1.15	0.00	0.00
OUT-01-PRE	PRE	FDOT005Y072H	0.00	79.50	0.00	0.0000	1	60.00	11.58	0.00	0.00
OUT-01-PST	POST	FDOT005Y072H	0.00	79.50	0.00	0.0000	47	64.00	10.03	0.00	0.00
OUT-02-PRE	PRE	FDOT005Y072H	0.00	78.50	0.00	0.0000	0	60.00	1.44	0.00	0.00
OUT-02-PST	POST	FDOT005Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.23	0.00	0.00
OUT-03-PRE	PRE	FDOT005Y072H	0.00	76.50	0.00	0.0000	1	72.00	0.41	0.00	0.00
OUT-03-PST	POST	FDOT005Y072H	0.00	76.50	0.00	0.0000	0	72.00	1.75	0.00	0.00
OUT-04-PRE	PRE	FDOT005Y072H	0.00	78.50	0.00	0.0000	2	60.00	3.18	0.00	0.00
OUT-04-PST	POST	FDOT005Y072H	0.00	78.50	0.00	0.0000	0	64.00	2.38	0.00	0.00
S-04A	POST	FDOT005Y072H	60.63	83.52	0.00	0.0325	139	0.00	0.00	11.91	31.50
S-04B	POST	FDOT005Y072H	60.52	83.44	0.00	-0.0253	164	60.00	24.57	0.00	0.00
S-04C	POST	FDOT005Y072H	60.45	83.53	0.00	0.0124	169	0.00	0.00	60.00	24.41
S-04D	POST	FDOT005Y072H	60.37	83.52	0.00	-0.0121	135	59.25	7.28	0.00	0.00
S-04E	POST	FDOT005Y072H	60.37	83.55	0.00	0.0066	126	60.00	2.44	56.87	6.33
S-05A	POST	FDOT005Y072H	64.11	82.33	0.00	0.0026	135	57.07	2.26	11.61	2.04
S-05B	POST	FDOT005Y072H	64.10	82.34	0.00	-0.0024	143	11.62	2.01	68.37	2.12
S-05C	POST	FDOT005Y072H	64.09	82.34	0.00	0.0024	132	57.12	1.95	11.62	2.01
S-05D	POST	FDOT005Y072H	64.09	82.34	0.00	-0.0027	124	65.39	0.99	69.00	1.72
S-05F	POST	FDOT005Y072H	64.14	82.34	0.00	-0.0018	120	65.25	0.62	65.25	0.62
S-08A	POST	FDOT005Y072H	64.20	84.25	0.00	-0.0068	119	63.95	1.18	10.05	2.06
S-08B	POST	FDOT005Y072H	64.21	84.25	0.00	-0.0016	119	64.79	1.12	64.79	1.12
S-08C	POST	FDOT005Y072H	64.15	84.26	0.00	-0.0070	141	56.82	3.18	10.05	5.48
S-08D	POST	FDOT005Y072H	64.08	84.25	0.00	-0.0054	151	56.81	5.05	56.82	3.15
S-08E	POST	FDOT005Y072H	64.06	84.27	0.00	-0.0050	139	56.82	3.02	56.55	4.85
S-09A	POST	FDOT005Y072H	64.04	84.26	0.00	-0.0045	124	8.87	2.20	64.00	1.36
S-17A	POST	FDOT005Y072H	64.16	83.25	0.00	-0.0036	142	59.97	2.41	64.00	0.74
S-17B	POST	FDOT005Y072H	64.16	83.25	0.00	0.0059	136	0.00	0.00	12.02	2.34
S-17C	POST	FDOT005Y072H	64.17	83.25	0.00	-0.0059	124	12.28	2.40	0.00	0.00
SMF-01	POST	FDOT005Y072H	60.83	84.96	0.00	0.0000	98737	60.00	3.92	60.83	2.55
SMF-02	POST	FDOT005Y072H	60.66	83.76	0.00	0.0000	24982	60.00	3.06	60.66	2.21
SMF-03	POST	FDOT005Y072H	60.73	83.45	0.00	-0.0001	73896	60.00	6.54	60.73	5.10
SMF-04	POST	FDOT005Y072H	60.70	83.45	0.00	0.0006	26685	11.91	31.61	60.00	5.92
SMF-05	POST	FDOT005Y072H	64.13	82.33	0.00	0.0000	33720	11.61	2.54	64.13	1.99
SMF-06	POST	FDOT005Y072H	64.16	82.34	0.00	0.0000	37028	60.00	0.86	65.25	0.60
SMF-07	POST	FDOT005Y072H	64.09	82.35	0.00	0.0000	36050	60.00	1.51	65.39	0.98
SMF-08	POST	FDOT005Y072H	64.19	84.25	0.00	0.0000	65150	10.05	7.61	64.19	2.41
SMF-09	POST	FDOT005Y072H	64.04	84.26	0.00	0.0000	31393	63.91	1.60	64.96	1.09
SMF-10	POST	FDOT005Y072H	64.25	84.26	0.00	0.0008	32710	60.00	0.87	8.87	2.20
SMF-11	POST	FDOT005Y072H	64.04	84.26	0.00	0.0001	9647	60.00	2.27	60.44	2.93
SMF-12	POST	FDOT005Y072H	64.72	84.35	0.00	0.0000	28140	60.00	0.34	64.72	0.11
SMF-13	POST	FDOT005Y072H	64.17	82.13	0.00	0.0000	76419	60.00	1.87	64.17	0.99
SMF-14	POST	FDOT005Y072H	64.22	82.86	0.00	0.0000	48568	60.00	3.07	64.22	1.57
SMF-15	POST	FDOT005Y072H	64.44	83.74	0.00	0.0000	88333	60.00	2.29	64.44	0.97
SMF-16	POST	FDOT005Y072H	64.12	84.18	0.00	0.0000	119161	60.00	5.54	64.12	3.04
SMF-17	POST	FDOT005Y072H	64.17	83.24	0.00	0.0011	10047	60.00	0.99	64.17	1.26
SMF-19	POST	FDOT005Y072H	64.17	83.26	0.00	0.0000	25059	60.00	1.36	12.28	2.40
SMF-20	POST	FDOT005Y072H	64.52	86.26	0.00	0.0000	14101	60.00	0.22	0.00	0.00
WET-01-PRE	PRE	FDOT005Y072H	68.03	81.32	0.00	0.0004	314750	60.00	9.25	68.03	1.92
WET-01-PST	POST	FDOT005Y072H	64.97	80.54	0.00	0.0004	236019	60.00	6.14	64.97	3.13
WET-02-PRE	PRE	FDOT005Y072H	72.00	80.37	0.00	0.0002	124066	60.00	3.43	0.00	0.00
WET-02-PST	POST	FDOT005Y072H	65.32	80.54	0.00	0.0001	127035	60.00	1.92	71.47	0.77
WET-03-PRE	PRE	FDOT005Y072H	72.00	82.48	0.00	0.0000	68190	60.00	3.54	0.00	0.00
WET-04-PRE	PRE	FDOT005Y072H	72.00	79.77	0.00	0.0005	472359	60.00	11.86	72.00	0.38
WET-04-PST	POST	FDOT005Y072H	72.00	79.92	0.00	0.0005	488319	60.00	12.46	72.00	1.75
WET-05-PRE	PRE	FDOT005Y072H	72.00	80.62	0.00	0.0001	120332	60.00	4.50	0.00	0.00
WET-05-PST	POST	FDOT005Y072H	72.00	79.92	0.00	0.0001	117358	60.00	1.53	40.61	0.23
WET-06-PRE	PRE	FDOT005Y072H	64.00	85.02	0.00	0.0001	18482	60.00	1.00	64.00	0.59
WET-07-PRE	PRE	FDOT005Y072H	72.00	79.57	0.00	0.0000	255232	60.00	2.44	0.00	0.00
WET-07-PST	POST	FDOT005Y072H	72.00	78.85	0.00	0.0000	173664	60.00	0.58	0.00	0.00
WET-08-PRE	PRE	FDOT005Y072H	72.00	79.09	0.00	0.0000	164043	60.00	1.72	0.00	0.00
WET-08-PST	POST	FDOT005Y072H	72.00	79.73	0.00	0.0000	183321	64.00	3.18	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y001H	1.50	79.61	0.00	0.0001	87390	0.67	7.21	0.00	0.00
COMP-02	POST	FDOT010Y001H	1.50	78.63	0.00	0.0001	89860	0.67	8.69	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y001H	0.00	79.50	0.00	0.0000	1	1.00	25.64	0.00	0.00
OUT-01-PST	POST	FDOT010Y001H	0.00	79.50	0.00	0.0000	47	0.67	22.70	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y001H	0.00	78.50	0.00	0.0000	0	0.83	8.76	0.00	0.00
OUT-02-PST	POST	FDOT010Y001H	0.00	78.50	0.00	0.0000	0	0.83	1.04	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y001H	0.00	76.50	0.00	0.0000	1	0.83	1.61	0.00	0.00
OUT-03-PST	POST	FDOT010Y001H	0.00	76.50	0.00	0.0000	0	1.00	0.00	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y001H	0.00	78.50	0.00	0.0000	2	0.83	10.78	0.00	0.00
OUT-04-PST	POST	FDOT010Y001H	0.00	78.50	0.00	0.0000	0	0.67	1.67	0.00	0.00
S-04A	POST	FDOT010Y001H	1.44	82.72	0.00	-0.0654	139	0.67	49.38	0.68	49.24
S-04B	POST	FDOT010Y001H	0.84	82.70	0.00	-0.0258	164	0.67	46.26	0.67	46.10
S-04C	POST	FDOT010Y001H	0.83	82.89	0.00	-0.0319	169	0.67	45.05	0.67	44.86
S-04D	POST	FDOT010Y001H	0.68	83.36	0.00	0.0109	135	0.67	33.07	0.67	32.86
S-04E	POST	FDOT010Y001H	0.68	83.73	0.00	0.0152	126	0.67	24.56	0.67	24.14
S-05A	POST	FDOT010Y001H	1.61	81.93	0.00	0.0021	135	0.86	3.69	0.86	3.67
S-05B	POST	FDOT010Y001H	1.52	81.93	0.00	0.0022	143	0.95	2.96	0.95	2.94
S-05C	POST	FDOT010Y001H	1.43	81.94	0.00	-0.0034	132	0.74	3.27	0.97	2.89
S-05D	POST	FDOT010Y001H	1.35	81.95	0.00	-0.0026	124	1.16	2.48	0.33	2.66
S-05F	POST	FDOT010Y001H	1.80	81.92	0.00	0.0018	120	0.68	0.82	0.68	0.79
S-08A	POST	FDOT010Y001H	1.37	83.73	0.00	-0.0036	119	0.67	2.98	0.67	1.67
S-08B	POST	FDOT010Y001H	1.53	83.73	0.00	-0.0046	119	3.55	1.00	0.17	1.72
S-08C	POST	FDOT010Y001H	1.16	83.76	0.00	0.0054	141	0.87	14.88	0.87	14.83
S-08D	POST	FDOT010Y001H	1.03	83.85	0.00	-0.0038	151	0.87	14.75	0.87	14.70
S-08E	POST	FDOT010Y001H	0.97	83.99	0.00	0.0048	139	0.91	13.49	0.91	13.45
S-09A	POST	FDOT010Y001H	1.66	83.72	0.00	-0.0078	124	0.67	5.61	0.67	5.56
S-17A	POST	FDOT010Y001H	1.47	82.76	0.00	-0.0036	142	0.82	4.09	0.82	2.03
S-17B	POST	FDOT010Y001H	1.47	82.77	0.00	0.0059	136	0.25	0.00	0.34	2.26
S-17C	POST	FDOT010Y001H	1.46	82.76	0.00	-0.0059	124	0.34	2.27	0.00	0.00
SMF-01	POST	FDOT010Y001H	1.64	84.59	0.00	0.0002	95899	0.83	30.50	1.64	0.51
SMF-02	POST	FDOT010Y001H	1.31	83.87	0.00	0.0006	25363	0.83	23.03	1.31	2.47
SMF-03	POST	FDOT010Y001H	1.48	82.67	0.00	0.0004	68216	0.73	43.06	1.48	0.76
SMF-04	POST	FDOT010Y001H	1.48	82.67	0.00	0.0009	24037	0.68	55.54	0.75	37.28
SMF-05	POST	FDOT010Y001H	1.67	81.92	0.00	0.0017	31284	0.83	6.96	1.67	0.38
SMF-06	POST	FDOT010Y001H	1.92	81.92	0.00	0.0001	35499	0.67	7.17	0.58	0.52
SMF-07	POST	FDOT010Y001H	1.28	81.98	0.00	0.0002	34391	0.83	10.87	1.17	2.43
SMF-08	POST	FDOT010Y001H	1.33	83.74	0.00	0.0002	62600	0.74	22.95	1.33	0.91
SMF-09	POST	FDOT010Y001H	1.54	83.73	0.00	0.0002	29551	0.67	9.55	3.55	1.00
SMF-10	POST	FDOT010Y001H	1.71	83.73	0.00	0.0003	30854	0.67	8.75	2.42	1.48
SMF-11	POST	FDOT010Y001H	0.97	84.10	0.00	0.0006	9294	0.83	17.63	0.95	12.63
SMF-12	POST	FDOT010Y001H	1.40	84.13	0.00	0.0000	27419	0.83	2.12	1.40	0.02
SMF-13	POST	FDOT010Y001H	1.61	81.80	0.00	0.0001	73568	0.83	12.74	1.61	0.19
SMF-14	POST	FDOT010Y001H	1.65	82.46	0.00	0.0003	45421	0.83	20.70	1.65	0.93
SMF-15	POST	FDOT010Y001H	1.59	83.37	0.00	0.0001	85979	0.83	17.84	1.59	0.28
SMF-16	POST	FDOT010Y001H	1.63	83.62	0.00	0.0002	113507	0.83	39.00	1.63	0.72
SMF-17	POST	FDOT010Y001H	1.47	82.76	0.00	0.0008	9017	0.83	3.82	1.47	0.60
SMF-19	POST	FDOT010Y001H	1.46	82.77	0.00	0.0003	23108	0.83	8.25	0.34	2.27
SMF-20	POST	FDOT010Y001H	1.25	86.16	0.00	0.0001	13864	0.83	1.65	0.00	0.00
WET-01-PRE	PRE	FDOT010Y001H	3.17	80.32	0.00	0.0003	233787	0.67	72.28	0.00	0.00
WET-01-PST	POST	FDOT010Y001H	1.66	80.04	0.00	0.0002	199259	0.67	58.47	1.66	0.56
WET-02-PRE	PRE	FDOT010Y001H	3.33	79.26	0.00	0.0002	98166	0.67	25.78	0.00	0.00
WET-02-PST	POST	FDOT010Y001H	7.56	80.02	0.00	0.0001	118008	0.67	21.48	18.39	0.13
WET-03-PRE	PRE	FDOT010Y001H	3.00	80.44	0.00	0.0003	44751	0.83	14.01	0.00	0.00
WET-04-PRE	PRE	FDOT010Y001H	4.17	78.74	0.00	0.0003	323247	0.67	82.03	0.00	0.00
WET-04-PST	POST	FDOT010Y001H	30.00	78.82	0.00	0.0003	343360	0.67	73.74	0.00	0.00
WET-05-PRE	PRE	FDOT010Y001H	3.17	79.14	0.00	0.0002	113852	0.67	27.56	0.00	0.00
WET-05-PST	POST	FDOT010Y001H	30.00	78.80	0.00	0.0001	112492	0.67	17.91	1.15	0.28
WET-06-PRE	PRE	FDOT010Y001H	2.83	82.14	0.00	0.0008	6217	0.83	5.94	0.00	0.00
WET-07-PRE	PRE	FDOT010Y001H	2.83	79.24	0.00	0.0000	233236	1.00	3.57	0.00	0.00
WET-07-PST	POST	FDOT010Y001H	1.83	78.73	0.00	0.0000	166387	0.83	3.08	0.00	0.00
WET-08-PRE	PRE	FDOT010Y001H	4.50	78.73	0.00	0.0000	158833	1.17	1.34	0.00	0.00
WET-08-PST	POST	FDOT010Y001H	30.00	78.97	0.00	0.0000	160907	0.83	0.97	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y002H	2.50	79.67	0.00	0.0000	88688	0.83	6.50	0.00	0.00
COMP-02	POST	FDOT010Y002H	2.50	78.70	0.00	0.0001	90185	0.83	7.89	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y002H	0.00	79.50	0.00	0.0000	1	1.17	24.89	0.00	0.00
OUT-01-PST	POST	FDOT010Y002H	0.00	79.50	0.00	0.0000	47	0.83	20.50	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y002H	0.00	78.50	0.00	0.0000	0	1.00	7.67	0.00	0.00
OUT-02-PST	POST	FDOT010Y002H	0.00	78.50	0.00	0.0000	0	1.00	0.87	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y002H	0.00	76.50	0.00	0.0000	1	1.00	1.46	0.00	0.00
OUT-03-PST	POST	FDOT010Y002H	0.00	76.50	0.00	0.0000	0	1.67	0.04	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y002H	0.00	78.50	0.00	0.0000	2	1.00	9.66	0.00	0.00
OUT-04-PST	POST	FDOT010Y002H	0.00	78.50	0.00	0.0000	0	1.89	1.72	0.00	0.00
S-04A	POST	FDOT010Y002H	2.22	83.19	0.00	-0.0535	139	0.84	43.45	0.84	43.33
S-04B	POST	FDOT010Y002H	2.04	83.11	0.00	-0.0254	164	0.84	40.72	0.84	40.59
S-04C	POST	FDOT010Y002H	2.01	83.20	0.00	0.0287	169	0.84	39.66	0.84	39.50
S-04D	POST	FDOT010Y002H	2.01	83.20	0.00	0.0074	135	0.83	29.19	0.84	29.02
S-04E	POST	FDOT010Y002H	0.84	83.38	0.00	-0.0087	126	0.83	21.71	0.84	21.40
S-05A	POST	FDOT010Y002H	2.56	82.12	0.00	0.0026	135	1.10	3.54	1.10	3.51
S-05B	POST	FDOT010Y002H	2.36	82.12	0.00	-0.0024	143	1.23	2.97	1.24	2.95
S-05C	POST	FDOT010Y002H	2.29	82.13	0.00	0.0024	132	1.24	2.93	1.24	2.91
S-05D	POST	FDOT010Y002H	2.27	82.13	0.00	-0.0027	124	1.34	2.17	1.34	2.15
S-05F	POST	FDOT010Y002H	2.56	82.12	0.00	-0.0018	120	0.70	0.65	0.70	0.64
S-08A	POST	FDOT010Y002H	2.32	83.99	0.00	-0.0036	119	0.84	2.71	0.83	1.23
S-08B	POST	FDOT010Y002H	2.34	84.00	0.00	-0.0045	119	2.88	0.83	0.17	1.72
S-08C	POST	FDOT010Y002H	2.19	83.99	0.00	0.0054	141	1.05	13.57	1.05	13.52
S-08D	POST	FDOT010Y002H	2.27	84.01	0.00	-0.0035	151	1.05	13.45	1.05	13.41
S-08E	POST	FDOT010Y002H	2.26	84.00	0.00	-0.0041	139	1.07	12.26	1.07	12.23
S-09A	POST	FDOT010Y002H	2.38	84.00	0.00	-0.0072	124	0.83	4.80	0.83	4.76
S-17A	POST	FDOT010Y002H	2.28	83.10	0.00	0.0023	142	0.88	1.57	1.01	2.13
S-17B	POST	FDOT010Y002H	2.28	83.10	0.00	-0.0073	136	0.34	7.25	0.00	0.00
S-17C	POST	FDOT010Y002H	2.28	83.11	0.00	0.0091	124	0.34	0.00	0.34	7.25
SMF-01	POST	FDOT010Y002H	2.41	84.82	0.00	0.0002	97689	1.00	26.62	2.41	1.15
SMF-02	POST	FDOT010Y002H	2.09	84.28	0.00	0.0005	26756	1.00	19.92	2.09	3.50
SMF-03	POST	FDOT010Y002H	2.31	83.13	0.00	0.0004	71557	0.88	38.58	2.31	1.53
SMF-04	POST	FDOT010Y002H	2.30	83.13	0.00	0.0008	25589	0.84	49.47	0.89	33.33
SMF-05	POST	FDOT010Y002H	2.48	82.12	0.00	0.0001	32448	1.00	6.01	2.48	0.70
SMF-06	POST	FDOT010Y002H	2.57	82.12	0.00	0.0001	36225	0.83	6.26	0.69	0.53
SMF-07	POST	FDOT010Y002H	2.23	82.14	0.00	0.0001	35131	1.00	9.56	1.37	1.95
SMF-08	POST	FDOT010Y002H	2.31	83.99	0.00	0.0002	63857	0.88	20.31	2.31	1.40
SMF-09	POST	FDOT010Y002H	2.38	83.99	0.00	0.0002	30482	0.83	8.18	2.88	0.83
SMF-10	POST	FDOT010Y002H	2.40	84.00	0.00	0.0002	31790	0.83	7.43	0.37	0.78
SMF-11	POST	FDOT010Y002H	1.22	84.03	0.00	0.0005	9165	1.00	15.23	1.10	11.26
SMF-12	POST	FDOT010Y002H	2.32	84.19	0.00	0.0000	27642	0.83	1.93	2.32	0.05
SMF-13	POST	FDOT010Y002H	2.42	81.94	0.00	0.0001	74780	1.00	11.09	2.42	0.34
SMF-14	POST	FDOT010Y002H	2.42	82.81	0.00	0.0002	48165	1.00	18.36	2.42	1.48
SMF-15	POST	FDOT010Y002H	2.40	83.52	0.00	0.0001	86964	1.00	15.41	2.40	0.48
SMF-16	POST	FDOT010Y002H	2.45	83.90	0.00	0.0002	116321	1.00	34.30	2.45	1.26
SMF-17	POST	FDOT010Y002H	2.28	83.09	0.00	-0.0004	9727	1.00	3.71	2.28	1.04
SMF-19	POST	FDOT010Y002H	2.29	83.11	0.00	0.0002	24455	1.00	7.33	0.00	0.00
SMF-20	POST	FDOT010Y002H	2.22	86.27	0.00	0.0001	14108	1.00	1.38	0.00	0.00
WET-01-PRE	PRE	FDOT010Y002H	4.17	80.58	0.00	0.0002	252846	0.83	63.77	0.00	0.00
WET-01-PST	POST	FDOT010Y002H	2.31	80.19	0.00	0.0002	210123	0.83	49.63	2.31	1.13
WET-02-PRE	PRE	FDOT010Y002H	4.33	79.49	0.00	0.0002	104180	0.83	22.90	0.00	0.00
WET-02-PST	POST	FDOT010Y002H	6.33	80.16	0.00	0.0001	120585	0.83	18.43	14.70	0.27
WET-03-PRE	PRE	FDOT010Y002H	4.00	80.86	0.00	0.0002	57557	1.17	12.86	0.00	0.00
WET-04-PRE	PRE	FDOT010Y002H	5.17	78.97	0.00	0.0002	384317	0.83	71.97	0.00	0.00
WET-04-PST	POST	FDOT010Y002H	30.00	79.06	0.00	0.0002	398285	0.83	62.43	0.00	0.00
WET-05-PRE	PRE	FDOT010Y002H	4.17	79.40	0.00	0.0001	114985	0.83	24.95	0.00	0.00
WET-05-PST	POST	FDOT010Y002H	30.00	79.06	0.00	0.0001	113598	0.83	15.21	2.13	0.47
WET-06-PRE	PRE	FDOT010Y002H	3.83	83.14	0.00	0.0007	7152	1.00	5.32	0.00	0.00
WET-07-PRE	PRE	FDOT010Y002H	3.83	79.28	0.00	0.0000	236274	1.50	3.96	0.00	0.00
WET-07-PST	POST	FDOT010Y002H	2.83	78.75	0.00	0.0000	167568	1.00	2.63	0.00	0.00
WET-08-PRE	PRE	FDOT010Y002H	5.50	78.78	0.00	0.0000	159241	1.83	2.11	0.00	0.00
WET-08-PST	POST	FDOT010Y002H	30.00	79.14	0.00	0.0000	165363	2.00	1.40	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y004H	4.50	79.74	0.00	0.0000	90124	2.50	3.96	0.00	0.00
COMP-02	POST	FDOT010Y004H	4.50	78.79	0.00	0.0000	90551	2.50	5.02	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y004H	0.00	79.50	0.00	0.0000	1	3.00	31.81	0.00	0.00
OUT-01-PST	POST	FDOT010Y004H	0.00	79.50	0.00	0.0000	47	2.50	14.21	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y004H	0.00	78.50	0.00	0.0000	0	2.50	6.44	0.00	0.00
OUT-02-PST	POST	FDOT010Y004H	0.00	78.50	0.00	0.0000	0	2.50	0.84	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y004H	0.00	76.50	0.00	0.0000	1	2.67	1.34	0.00	0.00
OUT-03-PST	POST	FDOT010Y004H	0.00	76.50	0.00	0.0000	0	3.00	0.13	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y004H	0.00	78.50	0.00	0.0000	2	2.67	10.87	0.00	0.00
OUT-04-PST	POST	FDOT010Y004H	0.00	78.50	0.00	0.0000	0	3.50	2.53	0.00	0.00
S-04A	POST	FDOT010Y004H	3.64	83.55	0.00	-0.0467	139	1.73	44.29	3.08	28.93
S-04B	POST	FDOT010Y004H	3.52	83.48	0.00	0.0321	164	3.08	25.81	1.56	43.27
S-04C	POST	FDOT010Y004H	3.51	83.58	0.00	0.0266	169	2.50	23.38	3.08	25.31
S-04D	POST	FDOT010Y004H	3.50	83.58	0.00	0.0076	135	2.50	16.71	2.50	16.65
S-04E	POST	FDOT010Y004H	3.51	83.60	0.00	0.0094	126	2.50	11.84	2.50	11.79
S-05A	POST	FDOT010Y004H	4.11	82.30	0.00	0.0021	135	2.67	3.49	2.68	3.47
S-05B	POST	FDOT010Y004H	4.07	82.31	0.00	0.0022	143	2.77	2.88	2.91	2.86
S-05C	POST	FDOT010Y004H	4.00	82.31	0.00	-0.0034	132	2.90	2.83	2.90	2.81
S-05D	POST	FDOT010Y004H	3.93	82.32	0.00	-0.0031	124	3.33	2.10	1.20	2.66
S-05F	POST	FDOT010Y004H	4.16	82.30	0.00	0.0018	120	4.77	0.53	4.77	0.53
S-08A	POST	FDOT010Y004H	4.06	84.24	0.00	-0.0017	119	1.42	1.82	4.62	1.05
S-08B	POST	FDOT010Y004H	4.07	84.24	0.00	-0.0043	119	4.62	1.04	0.70	1.72
S-08C	POST	FDOT010Y004H	4.02	84.23	0.00	-0.0045	141	2.51	10.87	2.51	10.84
S-08D	POST	FDOT010Y004H	4.00	84.25	0.00	0.0051	151	2.52	10.75	2.52	10.71
S-08E	POST	FDOT010Y004H	3.93	84.24	0.00	-0.0060	139	2.58	9.61	2.59	9.59
S-09A	POST	FDOT010Y004H	4.08	84.24	0.00	-0.0055	124	2.00	2.61	1.05	3.14
S-17A	POST	FDOT010Y004H	3.93	83.42	0.00	-0.0024	142	5.80	2.07	3.00	2.25
S-17B	POST	FDOT010Y004H	3.93	83.42	0.00	-0.0073	136	1.17	7.25	5.80	2.07
S-17C	POST	FDOT010Y004H	3.93	83.43	0.00	0.0091	124	6.39	2.06	1.17	7.25
SMF-01	POST	FDOT010Y004H	3.87	85.01	0.00	0.0001	99119	2.50	18.57	3.87	3.18
SMF-02	POST	FDOT010Y004H	3.49	84.69	0.00	0.0003	28147	2.50	14.12	3.49	4.78
SMF-03	POST	FDOT010Y004H	3.78	83.47	0.00	0.0002	74091	2.51	25.75	3.78	5.48
SMF-04	POST	FDOT010Y004H	3.75	83.48	0.00	0.0003	26779	3.08	33.48	2.51	22.67
SMF-05	POST	FDOT010Y004H	4.14	82.30	0.00	0.0017	33529	2.50	5.08	4.14	1.75
SMF-06	POST	FDOT010Y004H	4.18	82.30	0.00	0.0001	36892	2.50	4.12	4.77	0.53
SMF-07	POST	FDOT010Y004H	3.75	82.33	0.00	0.0001	35986	2.50	6.93	3.33	1.97
SMF-08	POST	FDOT010Y004H	4.06	84.23	0.00	0.0001	65086	2.50	14.28	4.06	2.29
SMF-09	POST	FDOT010Y004H	4.09	84.24	0.00	0.0001	31338	2.03	4.72	4.62	1.04
SMF-10	POST	FDOT010Y004H	4.09	84.24	0.00	0.0001	32655	2.17	4.47	0.00	0.00
SMF-11	POST	FDOT010Y004H	3.18	84.26	0.00	0.0002	9636	2.50	10.64	2.67	8.72
SMF-12	POST	FDOT010Y004H	4.21	84.27	0.00	0.0000	27880	2.50	1.45	4.21	0.07
SMF-13	POST	FDOT010Y004H	4.15	82.09	0.00	0.0001	76024	2.50	8.22	4.15	0.74
SMF-14	POST	FDOT010Y004H	3.90	83.10	0.00	0.0002	50466	2.50	14.09	3.90	2.82
SMF-15	POST	FDOT010Y004H	4.18	83.68	0.00	0.0001	87982	2.50	10.77	4.18	0.82
SMF-16	POST	FDOT010Y004H	4.12	84.17	0.00	0.0001	119001	2.50	25.03	4.12	2.85
SMF-17	POST	FDOT010Y004H	3.94	83.42	0.00	-0.0005	10418	2.67	3.42	3.94	1.54
SMF-19	POST	FDOT010Y004H	3.93	83.43	0.00	0.0001	25758	2.67	5.73	6.39	2.06
SMF-20	POST	FDOT010Y004H	4.07	86.40	0.00	0.0000	14406	2.50	1.23	0.00	0.00
WET-01-PRE	PRE	FDOT010Y004H	5.33	80.83	0.00	0.0005	271532	2.50	42.87	5.33	0.17
WET-01-PST	POST	FDOT010Y004H	4.13	80.32	0.00	0.0005	220265	2.00	25.84	4.13	1.81
WET-02-PRE	PRE	FDOT010Y004H	6.33	79.72	0.00	0.0001	110168	2.50	15.63	0.00	0.00
WET-02-PST	POST	FDOT010Y004H	6.94	80.31	0.00	0.0000	123166	2.00	9.68	14.28	0.44
WET-03-PRE	PRE	FDOT010Y004H	6.00	81.26	0.00	0.0002	62864	2.67	13.32	0.00	0.00
WET-04-PRE	PRE	FDOT010Y004H	7.17	79.18	0.00	0.0006	411099	2.50	49.87	0.00	0.00
WET-04-PST	POST	FDOT010Y004H	30.00	79.33	0.00	0.0006	426368	2.00	32.71	0.00	0.00
WET-05-PRE	PRE	FDOT010Y004H	6.17	79.68	0.00	0.0001	116206	2.50	19.80	0.00	0.00
WET-05-PST	POST	FDOT010Y004H	30.00	79.33	0.00	0.0000	114783	2.00	7.90	3.97	0.71
WET-06-PRE	PRE	FDOT010Y004H	5.83	84.06	0.00	0.0004	8771	2.67	4.50	0.00	0.00
WET-07-PRE	PRE	FDOT010Y004H	5.83	79.34	0.00	0.0000	240213	3.00	6.35	0.00	0.00
WET-07-PST	POST	FDOT010Y004H	4.83	78.77	0.00	0.0000	168935	2.50	2.27	0.00	0.00
WET-08-PRE	PRE	FDOT010Y004H	7.33	78.84	0.00	0.0000	159784	3.17	3.53	0.00	0.00
WET-08-PST	POST	FDOT010Y004H	30.00	79.33	0.00	0.0000	171171	4.00	2.95	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y008H	8.50	79.84	0.00	0.0000	92268	4.00	4.99	0.00	0.00
COMP-02	POST	FDOT010Y008H	8.50	78.92	0.00	0.0000	91113	4.00	6.36	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y008H	0.00	79.50	0.00	0.0000	1	4.17	36.49	0.00	0.00
OUT-01-PST	POST	FDOT010Y008H	0.00	79.50	0.00	0.0000	47	4.00	17.75	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y008H	0.00	78.50	0.00	0.0000	0	4.00	7.72	0.00	0.00
OUT-02-PST	POST	FDOT010Y008H	0.00	78.50	0.00	0.0000	0	4.00	1.08	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y008H	0.00	76.50	0.00	0.0000	1	4.17	1.54	0.00	0.00
OUT-03-PST	POST	FDOT010Y008H	0.00	76.50	0.00	0.0000	0	30.00	0.52	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y008H	0.00	78.50	0.00	0.0000	2	4.17	12.74	0.00	0.00
OUT-04-PST	POST	FDOT010Y008H	0.00	78.50	0.00	0.0000	0	7.00	3.57	0.00	0.00
S-04A	POST	FDOT010Y008H	5.27	83.72	0.00	0.0402	139	4.00	32.07	2.43	32.94
S-04B	POST	FDOT010Y008H	5.05	83.67	0.00	-0.0254	164	4.00	29.90	4.00	29.83
S-04C	POST	FDOT010Y008H	5.13	83.77	0.00	0.0280	169	4.00	29.03	4.00	28.94
S-04D	POST	FDOT010Y008H	5.09	83.77	0.00	0.0075	135	4.00	20.77	4.00	20.70
S-04E	POST	FDOT010Y008H	5.07	83.79	0.00	0.0068	126	4.00	14.76	4.00	14.69
S-05A	POST	FDOT010Y008H	7.11	82.43	0.00	0.0021	135	4.00	3.90	4.00	3.87
S-05B	POST	FDOT010Y008H	7.09	82.43	0.00	0.0022	143	4.19	3.15	4.19	3.13
S-05C	POST	FDOT010Y008H	7.08	82.44	0.00	-0.0034	132	4.20	3.09	4.20	3.07
S-05D	POST	FDOT010Y008H	7.09	82.44	0.00	-0.0029	124	4.35	2.27	2.27	2.67
S-05F	POST	FDOT010Y008H	7.14	82.43	0.00	0.0018	120	9.04	0.76	9.04	0.77
S-08A	POST	FDOT010Y008H	6.46	84.35	0.00	-0.0036	119	7.00	1.95	7.00	1.95
S-08B	POST	FDOT010Y008H	6.68	84.36	0.00	-0.0043	119	7.09	1.85	7.18	1.85
S-08C	POST	FDOT010Y008H	6.31	84.35	0.00	-0.0049	141	4.02	12.63	4.02	12.59
S-08D	POST	FDOT010Y008H	6.21	84.35	0.00	0.0037	151	4.02	12.48	4.02	12.45
S-08E	POST	FDOT010Y008H	6.18	84.36	0.00	-0.0050	139	4.07	11.16	4.07	11.14
S-09A	POST	FDOT010Y008H	7.00	84.37	0.00	-0.0053	124	4.00	2.82	1.91	3.08
S-17A	POST	FDOT010Y008H	6.19	83.60	0.00	-0.0036	142	4.04	3.76	5.33	2.13
S-17B	POST	FDOT010Y008H	6.19	83.61	0.00	0.0059	136	7.06	3.74	2.47	2.32
S-17C	POST	FDOT010Y008H	6.20	83.61	0.00	-0.0059	124	2.58	2.38	7.06	3.55
SMF-01	POST	FDOT010Y008H	5.59	85.10	0.00	0.0001	99788	4.00	22.39	5.59	4.43
SMF-02	POST	FDOT010Y008H	5.21	84.82	0.00	0.0003	28583	4.00	17.19	5.21	6.20
SMF-03	POST	FDOT010Y008H	5.45	83.63	0.00	0.0002	75262	4.00	31.45	5.45	8.04
SMF-04	POST	FDOT010Y008H	5.41	83.64	0.00	0.0006	27337	4.00	39.18	4.01	27.65
SMF-05	POST	FDOT010Y008H	7.13	82.42	0.00	0.0017	34250	4.00	6.15	7.13	2.74
SMF-06	POST	FDOT010Y008H	7.16	82.43	0.00	0.0001	37371	4.00	5.09	9.04	0.76
SMF-07	POST	FDOT010Y008H	7.12	82.45	0.00	0.0001	36511	4.00	8.35	4.38	2.05
SMF-08	POST	FDOT010Y008H	6.34	84.34	0.00	0.0001	65643	4.00	17.13	6.34	3.47
SMF-09	POST	FDOT010Y008H	7.01	84.37	0.00	0.0001	31795	4.00	5.39	7.33	1.78
SMF-10	POST	FDOT010Y008H	7.01	84.37	0.00	0.0001	33111	4.00	5.40	9.04	1.62
SMF-11	POST	FDOT010Y008H	6.16	84.36	0.00	0.0002	9853	4.00	12.93	4.17	10.87
SMF-12	POST	FDOT010Y008H	8.13	84.35	0.00	0.0000	28162	4.00	1.82	8.13	0.11
SMF-13	POST	FDOT010Y008H	7.22	82.19	0.00	0.0001	76885	4.00	10.07	7.22	1.34
SMF-14	POST	FDOT010Y008H	5.57	83.23	0.00	0.0002	51439	4.00	16.68	5.57	3.90
SMF-15	POST	FDOT010Y008H	7.52	83.82	0.00	0.0001	88892	4.00	13.08	7.52	1.24
SMF-16	POST	FDOT010Y008H	6.60	84.31	0.00	0.0001	120447	4.00	30.34	6.60	4.71
SMF-17	POST	FDOT010Y008H	6.20	83.59	0.00	0.0010	10786	4.00	3.64	6.20	2.18
SMF-19	POST	FDOT010Y008H	6.20	83.61	0.00	0.0002	26457	4.00	7.00	2.57	2.37
SMF-20	POST	FDOT010Y008H	7.33	86.54	0.00	0.0001	14729	4.00	1.60	7.33	0.05
WET-01-PRE	PRE	FDOT010Y008H	8.53	81.14	0.00	0.0009	297144	4.00	50.97	8.53	1.10
WET-01-PST	POST	FDOT010Y008H	8.51	80.52	0.00	0.0009	234472	4.00	28.94	8.51	2.98
WET-02-PRE	PRE	FDOT010Y008H	10.25	80.03	0.00	0.0002	118082	4.00	18.61	0.00	0.00
WET-02-PST	POST	FDOT010Y008H	8.59	80.52	0.00	0.0001	126628	4.00	11.47	15.04	0.72
WET-03-PRE	PRE	FDOT010Y008H	10.00	81.82	0.00	0.0002	65339	4.17	15.53	0.00	0.00
WET-04-PRE	PRE	FDOT010Y008H	11.17	79.48	0.00	0.0011	441761	4.00	58.57	0.00	0.00
WET-04-PST	POST	FDOT010Y008H	30.00	79.69	0.00	0.0011	463871	4.00	37.32	30.00	0.52
WET-05-PRE	PRE	FDOT010Y008H	10.08	80.08	0.00	0.0002	117943	4.00	23.41	0.00	0.00
WET-05-PST	POST	FDOT010Y008H	30.00	79.69	0.00	0.0002	116349	4.00	9.13	5.31	0.84
WET-06-PRE	PRE	FDOT010Y008H	9.83	84.92	0.00	0.0004	15465	4.00	5.15	0.00	0.00
WET-07-PRE	PRE	FDOT010Y008H	9.83	79.44	0.00	0.0000	246732	4.17	7.15	0.00	0.00
WET-07-PST	POST	FDOT010Y008H	8.83	78.80	0.00	0.0000	171039	4.00	2.87	0.00	0.00
WET-08-PRE	PRE	FDOT010Y008H	11.42	78.95	0.00	0.0000	160748	5.00	3.61	0.00	0.00
WET-08-PST	POST	FDOT010Y008H	30.00	79.62	0.00	0.0000	180081	6.62	4.90	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y024H	22.10	80.01	0.00	0.0000	95890	12.00	1.68	22.10	0.36
COMP-02	POST	FDOT010Y024H	30.00	79.24	0.00	0.0000	95732	12.00	2.16	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y024H	0.00	79.50	0.00	0.0000	1	12.17	16.89	0.00	0.00
OUT-01-PST	POST	FDOT010Y024H	0.00	79.50	0.00	0.0000	47	16.00	16.83	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y024H	0.00	78.50	0.00	0.0000	0	12.00	2.79	0.00	0.00
OUT-02-PST	POST	FDOT010Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.39	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y024H	0.00	76.50	0.00	0.0000	1	24.00	1.16	0.00	0.00
OUT-03-PST	POST	FDOT010Y024H	0.00	76.50	0.00	0.0000	0	27.82	3.57	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y024H	0.00	78.50	0.00	0.0000	2	12.08	5.39	0.00	0.00
OUT-04-PST	POST	FDOT010Y024H	0.00	78.50	0.00	0.0000	0	19.00	4.22	0.00	0.00
S-04A	POST	FDOT010Y024H	16.00	83.63	0.00	-0.0421	139	12.08	43.99	0.00	0.00
S-04B	POST	FDOT010Y024H	16.00	83.76	0.00	0.0369	164	0.00	0.00	12.11	43.27
S-04C	POST	FDOT010Y024H	15.08	83.73	0.00	-0.0195	169	13.13	12.05	0.00	0.00
S-04D	POST	FDOT010Y024H	15.09	83.78	0.00	0.0073	135	12.00	6.52	15.09	10.08
S-04E	POST	FDOT010Y024H	15.08	83.78	0.00	-0.0040	126	12.00	4.90	12.00	4.46
S-05A	POST	FDOT010Y024H	19.06	82.49	0.00	-0.0022	135	10.30	2.28	16.00	2.05
S-05B	POST	FDOT010Y024H	19.05	82.50	0.00	0.0022	143	24.38	1.94	8.99	2.12
S-05C	POST	FDOT010Y024H	19.03	82.50	0.00	-0.0034	132	4.28	2.70	24.38	1.94
S-05D	POST	FDOT010Y024H	19.04	82.51	0.00	0.0025	124	16.33	1.53	4.28	2.70
S-05F	POST	FDOT010Y024H	19.08	82.50	0.00	0.0018	120	20.05	0.85	20.04	0.85
S-08A	POST	FDOT010Y024H	16.21	84.40	0.00	-0.0017	119	16.85	2.33	16.84	2.33
S-08B	POST	FDOT010Y024H	16.23	84.41	0.00	-0.0042	119	16.84	2.22	16.84	2.22
S-08C	POST	FDOT010Y024H	16.17	84.40	0.00	-0.0055	141	14.56	5.08	12.00	4.73
S-08D	POST	FDOT010Y024H	16.11	84.39	0.00	0.0051	151	14.72	5.16	14.56	5.04
S-08E	POST	FDOT010Y024H	16.10	84.41	0.00	-0.0060	139	12.04	4.21	15.11	4.84
S-09A	POST	FDOT010Y024H	16.24	84.43	0.00	-0.0050	124	14.65	2.14	3.83	3.04
S-17A	POST	FDOT010Y024H	16.34	83.64	0.00	0.0015	142	15.57	2.13	15.57	2.13
S-17B	POST	FDOT010Y024H	16.34	83.64	0.00	-0.0062	136	5.26	7.24	15.57	1.68
S-17C	POST	FDOT010Y024H	16.34	83.64	0.00	0.0070	124	16.37	1.43	5.26	7.24
SMF-01	POST	FDOT010Y024H	16.12	85.10	0.00	0.0000	99781	12.00	7.84	16.12	4.41
SMF-02	POST	FDOT010Y024H	15.28	84.39	0.00	0.0001	27114	12.00	6.02	15.28	3.78
SMF-03	POST	FDOT010Y024H	16.05	83.65	0.00	0.0001	75372	12.00	11.10	16.05	8.29
SMF-04	POST	FDOT010Y024H	16.02	83.66	0.00	0.0002	27390	0.00	0.00	12.01	9.82
SMF-05	POST	FDOT010Y024H	19.08	82.49	0.00	0.0018	34631	16.08	3.43	19.08	3.34
SMF-06	POST	FDOT010Y024H	19.10	82.51	0.00	0.0000	37629	12.00	1.73	20.04	0.80
SMF-07	POST	FDOT010Y024H	19.09	82.52	0.00	0.0000	36842	12.00	2.97	16.33	1.45
SMF-08	POST	FDOT010Y024H	16.19	84.39	0.00	0.0000	65863	16.00	7.46	16.19	4.04
SMF-09	POST	FDOT010Y024H	16.26	84.43	0.00	0.0000	31988	3.83	3.06	16.84	2.11
SMF-10	POST	FDOT010Y024H	16.25	84.43	0.00	0.0000	33308	12.00	1.80	24.75	1.62
SMF-11	POST	FDOT010Y024H	16.10	84.40	0.00	0.0001	9943	12.00	4.51	14.58	5.26
SMF-12	POST	FDOT010Y024H	21.47	84.47	0.00	0.0000	28545	12.00	0.63	21.47	0.17
SMF-13	POST	FDOT010Y024H	19.09	82.24	0.00	0.0000	77347	12.00	3.59	19.09	1.74
SMF-14	POST	FDOT010Y024H	16.09	83.18	0.00	0.0001	51106	12.00	6.05	16.09	3.52
SMF-15	POST	FDOT010Y024H	19.69	83.95	0.00	0.0000	89702	12.00	4.56	19.69	1.68
SMF-16	POST	FDOT010Y024H	16.36	84.37	0.00	0.0000	121032	12.00	10.81	16.36	5.58
SMF-17	POST	FDOT010Y024H	16.35	83.63	0.00	-0.0005	10862	15.57	2.48	16.35	2.35
SMF-19	POST	FDOT010Y024H	16.34	83.65	0.00	0.0001	26610	12.00	2.56	24.54	1.43
SMF-20	POST	FDOT010Y024H	19.19	86.59	0.00	0.0000	14842	12.00	0.49	19.19	0.17
WET-01-PRE	PRE	FDOT010Y024H	22.38	81.55	0.00	0.0005	336448	12.00	18.57	22.38	3.13
WET-01-PST	POST	FDOT010Y024H	22.09	80.77	0.00	0.0005	253707	12.00	9.56	22.09	4.93
WET-02-PRE	PRE	FDOT010Y024H	26.25	80.62	0.00	0.0002	128497	12.00	6.83	0.00	0.00
WET-02-PST	POST	FDOT010Y024H	22.14	80.78	0.00	0.0001	131248	12.00	3.81	26.79	1.22
WET-03-PRE	PRE	FDOT010Y024H	26.00	82.99	0.00	0.0001	70401	12.08	6.35	0.00	0.00
WET-04-PRE	PRE	FDOT010Y024H	24.55	79.98	0.00	0.0006	494291	12.00	22.96	24.44	1.10
WET-04-PST	POST	FDOT010Y024H	27.82	80.18	0.00	0.0006	503560	15.00	21.59	27.82	3.57
WET-05-PRE	PRE	FDOT010Y024H	30.00	81.05	0.00	0.0001	122206	12.00	8.82	0.00	0.00
WET-05-PST	POST	FDOT010Y024H	27.82	80.18	0.00	0.0001	118462	12.00	3.06	13.01	0.63
WET-06-PRE	PRE	FDOT010Y024H	16.51	85.02	0.00	0.0001	19498	12.08	1.96	16.51	1.01
WET-07-PRE	PRE	FDOT010Y024H	26.00	79.68	0.00	0.0000	262065	12.08	3.44	0.00	0.00
WET-07-PST	POST	FDOT010Y024H	25.00	78.88	0.00	0.0000	175629	12.00	1.03	0.00	0.00
WET-08-PRE	PRE	FDOT010Y024H	27.50	79.22	0.00	0.0000	167829	15.08	2.29	0.00	0.00
WET-08-PST	POST	FDOT010Y024H	30.00	80.04	0.00	0.0000	193874	16.29	5.81	30.00	0.91

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT010Y072H	64.17	80.02	0.00	0.0000	95913	60.00	1.12	64.17	0.59
COMP-02	POST	FDOT010Y072H	72.00	79.48	0.00	0.0000	99898	70.65	1.75	0.00	0.00
OUT-01-PRE	PRE	FDOT010Y072H	0.00	79.50	0.00	0.0000	1	60.00	16.42	0.00	0.00
OUT-01-PST	POST	FDOT010Y072H	0.00	79.50	0.00	0.0000	47	60.27	14.78	0.00	0.00
OUT-02-PRE	PRE	FDOT010Y072H	0.00	78.50	0.00	0.0000	0	60.00	1.81	0.00	0.00
OUT-02-PST	POST	FDOT010Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.31	0.00	0.00
OUT-03-PRE	PRE	FDOT010Y072H	0.00	76.50	0.00	0.0000	1	68.32	1.47	0.00	0.00
OUT-03-PST	POST	FDOT010Y072H	0.00	76.50	0.00	0.0000	0	72.00	4.53	0.00	0.00
OUT-04-PRE	PRE	FDOT010Y072H	0.00	78.50	0.00	0.0000	2	60.00	4.17	0.00	0.00
OUT-04-PST	POST	FDOT010Y072H	0.00	78.50	0.00	0.0000	0	64.00	3.29	0.00	0.00
S-04A	POST	FDOT010Y072H	60.25	83.70	0.00	0.0325	139	0.00	0.00	11.03	31.59
S-04B	POST	FDOT010Y072H	60.14	83.64	0.00	-0.0253	164	60.00	25.04	0.00	0.00
S-04C	POST	FDOT010Y072H	60.12	83.73	0.00	0.0124	169	60.00	3.88	60.00	24.84
S-04D	POST	FDOT010Y072H	60.07	83.73	0.00	-0.0121	135	60.00	7.72	60.00	2.13
S-04E	POST	FDOT010Y072H	60.09	83.75	0.00	0.0067	126	60.00	3.04	59.41	6.43
S-05A	POST	FDOT010Y072H	60.85	82.44	0.00	0.0021	135	56.35	2.22	60.01	1.95
S-05B	POST	FDOT010Y072H	60.82	82.45	0.00	0.0022	143	60.12	1.74	69.33	2.12
S-05C	POST	FDOT010Y072H	60.79	82.45	0.00	-0.0034	132	9.74	2.70	60.14	1.71
S-05D	POST	FDOT010Y072H	60.78	82.46	0.00	0.0025	124	60.44	1.38	9.74	2.70
S-05F	POST	FDOT010Y072H	60.93	82.44	0.00	0.0018	120	65.14	0.74	65.14	0.74
S-08A	POST	FDOT010Y072H	60.80	84.34	0.00	-0.0015	119	61.35	1.82	61.35	1.82
S-08B	POST	FDOT010Y072H	60.83	84.35	0.00	-0.0042	119	61.35	1.74	61.35	1.74
S-08C	POST	FDOT010Y072H	60.70	84.33	0.00	-0.0053	141	59.94	5.07	59.96	3.22
S-08D	POST	FDOT010Y072H	60.65	84.35	0.00	0.0036	151	59.96	3.23	59.94	5.04
S-08E	POST	FDOT010Y072H	60.56	84.34	0.00	-0.0042	139	59.96	3.96	8.51	2.99
S-09A	POST	FDOT010Y072H	60.88	84.36	0.00	-0.0050	124	60.18	1.46	9.24	3.03
S-17A	POST	FDOT010Y072H	64.07	83.48	0.00	-0.0036	142	58.62	2.50	64.00	1.41
S-17B	POST	FDOT010Y072H	64.06	83.49	0.00	0.0059	136	0.00	0.00	11.11	2.32
S-17C	POST	FDOT010Y072H	64.07	83.49	0.00	-0.0059	124	11.37	2.40	0.00	0.00
SMF-01	POST	FDOT010Y072H	60.48	85.06	0.00	0.0000	99508	60.00	4.89	60.48	3.88
SMF-02	POST	FDOT010Y072H	60.61	84.03	0.00	0.0001	25895	60.00	3.83	60.61	2.85
SMF-03	POST	FDOT010Y072H	60.38	83.61	0.00	-0.0001	75130	60.00	8.67	60.38	7.73
SMF-04	POST	FDOT010Y072H	60.34	83.62	0.00	0.0006	27273	11.03	31.72	60.01	7.90
SMF-05	POST	FDOT010Y072H	60.88	82.44	0.00	0.0018	34350	60.00	3.23	60.88	2.89
SMF-06	POST	FDOT010Y072H	60.99	82.45	0.00	0.0000	37433	60.00	1.08	65.14	0.72
SMF-07	POST	FDOT010Y072H	60.76	82.47	0.00	0.0000	36603	60.00	1.90	60.57	1.29
SMF-08	POST	FDOT010Y072H	60.77	84.33	0.00	0.0000	65590	59.96	5.58	60.77	3.35
SMF-09	POST	FDOT010Y072H	60.89	84.36	0.00	0.0000	31743	9.24	3.06	61.35	1.66
SMF-10	POST	FDOT010Y072H	60.89	84.36	0.00	0.0000	33057	60.00	1.07	65.77	1.07
SMF-11	POST	FDOT010Y072H	60.53	84.35	0.00	-0.0001	9833	60.00	2.83	60.31	5.11
SMF-12	POST	FDOT010Y072H	64.62	84.43	0.00	0.0000	28426	60.00	0.43	64.62	0.15
SMF-13	POST	FDOT010Y072H	60.88	82.21	0.00	0.0000	77058	60.00	2.37	60.88	1.49
SMF-14	POST	FDOT010Y072H	64.01	83.02	0.00	0.0000	49847	60.00	3.84	64.01	2.24
SMF-15	POST	FDOT010Y072H	64.28	83.86	0.00	0.0000	89157	60.00	2.87	64.28	1.38
SMF-16	POST	FDOT010Y072H	60.78	84.31	0.00	0.0000	120429	60.00	6.98	60.78	4.68
SMF-17	POST	FDOT010Y072H	64.07	83.48	0.00	0.0010	10540	59.92	1.72	64.07	1.71
SMF-19	POST	FDOT010Y072H	64.07	83.49	0.00	0.0000	25990	60.00	1.74	11.36	2.40
SMF-20	POST	FDOT010Y072H	64.76	86.45	0.00	0.0000	14522	60.00	0.33	0.00	0.00
WET-01-PRE	PRE	FDOT010Y072H	64.85	81.58	0.00	0.0005	339723	60.00	11.43	64.85	3.33
WET-01-PST	POST	FDOT010Y072H	64.86	80.69	0.00	0.0005	247493	60.00	7.85	64.86	4.26
WET-02-PRE	PRE	FDOT010Y072H	72.00	80.77	0.00	0.0002	131035	60.00	4.24	0.00	0.00
WET-02-PST	POST	FDOT010Y072H	64.95	80.70	0.00	0.0001	129760	60.00	2.42	70.77	1.04
WET-03-PRE	PRE	FDOT010Y072H	72.00	83.28	0.00	0.0000	71662	60.00	4.54	0.00	0.00
WET-04-PRE	PRE	FDOT010Y072H	70.38	80.05	0.00	0.0006	498601	60.00	14.67	69.77	1.42
WET-04-PST	POST	FDOT010Y072H	72.00	80.29	0.00	0.0006	508105	60.00	18.18	72.00	4.52
WET-05-PRE	PRE	FDOT010Y072H	72.00	81.30	0.00	0.0001	123281	60.00	6.84	0.00	0.00
WET-05-PST	POST	FDOT010Y072H	72.00	80.29	0.00	0.0001	118954	60.00	1.92	36.97	0.26
WET-06-PRE	PRE	FDOT010Y072H	60.00	85.03	0.00	0.0001	19995	60.00	1.24	60.00	1.24
WET-07-PRE	PRE	FDOT010Y072H	72.00	79.74	0.00	0.0000	266318	60.00	3.42	0.00	0.00
WET-07-PST	POST	FDOT010Y072H	72.00	78.90	0.00	0.0000	176924	60.00	0.76	0.00	0.00
WET-08-PRE	PRE	FDOT010Y072H	72.00	79.29	0.00	0.0000	169973	60.00	2.45	0.00	0.00
WET-08-PST	POST	FDOT010Y072H	70.65	80.06	0.00	0.0000	194897	60.68	4.90	70.65	1.61

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y001H	1.50	79.66	0.00	0.0001	88372	0.67	9.96	0.00	0.00
COMP-02	POST	FDOT025Y001H	1.50	78.69	0.00	0.0001	90105	0.67	12.27	0.00	0.00
OUT-01-PRE	PRE	FDOT025Y001H	0.00	79.50	0.00	0.0000	1	1.00	39.49	0.00	0.00
OUT-01-PST	POST	FDOT025Y001H	0.00	79.50	0.00	0.0000	47	0.67	31.32	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y001H	0.00	78.50	0.00	0.0000	0	0.83	11.68	0.00	0.00
OUT-02-PST	POST	FDOT025Y001H	0.00	78.50	0.00	0.0000	0	0.83	1.56	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y001H	0.00	76.50	0.00	0.0000	1	0.83	2.17	0.00	0.00
OUT-03-PST	POST	FDOT025Y001H	0.00	76.50	0.00	0.0000	0	0.83	0.08	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y001H	0.00	78.50	0.00	0.0000	2	0.83	16.27	0.00	0.00
OUT-04-PST	POST	FDOT025Y001H	0.00	78.50	0.00	0.0000	0	0.67	2.55	0.00	0.00
S-04A	POST	FDOT025Y001H	0.85	83.10	0.00	-0.0668	139	0.68	65.52	0.68	65.34
S-04B	POST	FDOT025Y001H	0.84	83.24	0.00	-0.0354	164	0.68	61.34	0.68	61.12
S-04C	POST	FDOT025Y001H	0.71	83.62	0.00	-0.0387	169	0.67	59.72	0.68	59.45
S-04D	POST	FDOT025Y001H	0.68	84.58	0.00	0.0102	135	0.67	43.66	0.67	43.34
S-04E	POST	FDOT025Y001H	0.68	85.22	0.00	0.0154	126	0.67	32.28	0.67	31.64
S-05A	POST	FDOT025Y001H	1.65	82.08	0.00	-0.0032	135	0.86	4.80	0.86	4.76
S-05B	POST	FDOT025Y001H	1.54	82.09	0.00	-0.0024	143	0.94	3.73	0.94	3.70
S-05C	POST	FDOT025Y001H	1.43	82.10	0.00	0.0024	132	0.95	3.65	0.95	3.62
S-05D	POST	FDOT025Y001H	1.32	82.11	0.00	-0.0027	124	1.17	3.08	1.17	3.07
S-05F	POST	FDOT025Y001H	2.00	82.07	0.00	-0.0019	120	0.67	0.95	0.67	0.92
S-08A	POST	FDOT025Y001H	1.40	83.93	0.00	-0.0034	119	0.67	3.34	0.67	2.27
S-08B	POST	FDOT025Y001H	1.57	83.92	0.00	-0.0043	119	10.38	1.00	0.17	1.72
S-08C	POST	FDOT025Y001H	1.16	83.96	0.00	0.0066	141	0.85	18.23	0.85	18.17
S-08D	POST	FDOT025Y001H	0.97	84.11	0.00	-0.0041	151	0.85	18.05	0.85	17.98
S-08E	POST	FDOT025Y001H	0.94	84.31	0.00	0.0043	139	0.88	16.29	0.89	16.25
S-09A	POST	FDOT025Y001H	1.67	83.92	0.00	-0.0066	124	0.67	7.16	0.67	7.09
S-17A	POST	FDOT025Y001H	1.44	83.04	0.00	-0.0019	142	0.87	4.68	0.83	2.86
S-17B	POST	FDOT025Y001H	1.44	83.05	0.00	-0.0062	136	0.21	7.24	1.90	2.07
S-17C	POST	FDOT025Y001H	1.44	83.04	0.00	0.0070	124	1.12	2.07	0.21	7.24
SMF-01	POST	FDOT025Y001H	1.61	84.77	0.00	0.0003	97312	0.83	40.11	1.61	0.83
SMF-02	POST	FDOT025Y001H	1.30	84.33	0.00	0.0007	26923	0.83	30.53	1.30	3.63
SMF-03	POST	FDOT025Y001H	1.46	83.03	0.00	0.0005	70838	0.73	55.71	1.46	1.13
SMF-04	POST	FDOT025Y001H	1.46	83.03	0.00	0.0009	25255	0.68	74.20	0.76	48.51
SMF-05	POST	FDOT025Y001H	1.74	82.07	0.00	0.0002	32179	0.84	9.43	1.74	0.60
SMF-06	POST	FDOT025Y001H	2.05	82.07	0.00	0.0002	36038	0.67	9.70	0.53	0.57
SMF-07	POST	FDOT025Y001H	1.28	82.17	0.00	0.0003	35240	0.83	14.54	1.17	3.01
SMF-08	POST	FDOT025Y001H	1.35	83.94	0.00	0.0003	63608	0.72	28.89	1.35	1.29
SMF-09	POST	FDOT025Y001H	1.60	83.92	0.00	0.0003	30218	0.67	12.27	10.38	1.00
SMF-10	POST	FDOT025Y001H	1.72	83.92	0.00	0.0003	31520	0.67	11.38	2.24	1.57
SMF-11	POST	FDOT025Y001H	0.94	84.47	0.00	0.0008	10081	0.83	23.22	0.93	17.89
SMF-12	POST	FDOT025Y001H	1.36	84.18	0.00	0.0001	27590	0.67	3.07	1.36	0.04
SMF-13	POST	FDOT025Y001H	1.58	81.91	0.00	0.0001	74519	0.83	17.28	1.58	0.30
SMF-14	POST	FDOT025Y001H	1.63	82.75	0.00	0.0004	47678	0.83	27.77	1.63	1.37
SMF-15	POST	FDOT025Y001H	1.56	83.49	0.00	0.0002	86760	0.83	23.49	1.56	0.44
SMF-16	POST	FDOT025Y001H	1.61	83.84	0.00	0.0003	115697	0.83	52.41	1.61	1.13
SMF-17	POST	FDOT025Y001H	1.44	83.04	0.00	-0.0005	9606	0.83	5.41	1.44	0.96
SMF-19	POST	FDOT025Y001H	1.44	83.05	0.00	0.0004	24229	0.83	11.47	1.50	2.06
SMF-20	POST	FDOT025Y001H	1.28	86.26	0.00	0.0001	14088	0.83	2.48	0.00	0.00
WET-01-PRE	PRE	FDOT025Y001H	3.17	80.51	0.00	0.0003	248104	0.67	90.24	0.00	0.00
WET-01-PST	POST	FDOT025Y001H	1.68	80.15	0.00	0.0003	207528	0.67	71.18	1.68	0.98
WET-02-PRE	PRE	FDOT025Y001H	3.33	79.43	0.00	0.0002	102632	0.67	32.52	0.00	0.00
WET-02-PST	POST	FDOT025Y001H	6.20	80.13	0.00	0.0002	119930	0.67	26.91	15.06	0.23
WET-03-PRE	PRE	FDOT025Y001H	3.00	80.76	0.00	0.0004	54377	0.83	19.91	0.00	0.00
WET-04-PRE	PRE	FDOT025Y001H	4.17	78.91	0.00	0.0004	369319	0.67	100.46	0.00	0.00
WET-04-PST	POST	FDOT025Y001H	30.00	79.00	0.00	0.0003	391730	0.67	88.64	0.00	0.00
WET-05-PRE	PRE	FDOT025Y001H	3.17	79.33	0.00	0.0002	114695	0.67	35.40	0.00	0.00
WET-05-PST	POST	FDOT025Y001H	30.00	79.00	0.00	0.0001	113327	0.67	21.80	1.16	0.43
WET-06-PRE	PRE	FDOT025Y001H	2.83	82.88	0.00	0.0010	6869	0.83	7.81	0.00	0.00
WET-07-PRE	PRE	FDOT025Y001H	2.83	79.27	0.00	0.0000	235384	0.83	6.80	0.00	0.00
WET-07-PST	POST	FDOT025Y001H	1.83	78.74	0.00	0.0000	167246	0.83	4.40	0.00	0.00
WET-08-PRE	PRE	FDOT025Y001H	4.50	78.76	0.00	0.0000	159122	1.00	2.70	0.00	0.00
WET-08-PST	POST	FDOT025Y001H	30.00	79.09	0.00	0.0000	164044	0.83	1.63	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y002H	2.50	79.73	0.00	0.0001	89850	0.83	8.60	0.00	0.00
COMP-02	POST	FDOT025Y002H	2.50	78.77	0.00	0.0001	90480	0.83	10.63	0.00	0.00
OUT-01-PRE	PRE	FDOT025Y002H	0.00	79.50	0.00	0.0000	1	1.17	36.54	0.00	0.00
OUT-01-PST	POST	FDOT025Y002H	0.00	79.50	0.00	0.0000	47	0.83	27.14	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y002H	0.00	78.50	0.00	0.0000	0	1.00	9.91	0.00	0.00
OUT-02-PST	POST	FDOT025Y002H	0.00	78.50	0.00	0.0000	0	1.00	1.26	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y002H	0.00	76.50	0.00	0.0000	1	1.00	1.90	0.00	0.00
OUT-03-PST	POST	FDOT025Y002H	0.00	76.50	0.00	0.0000	0	1.50	0.10	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y002H	0.00	78.50	0.00	0.0000	2	1.00	13.96	0.00	0.00
OUT-04-PST	POST	FDOT025Y002H	0.00	78.50	0.00	0.0000	0	1.99	2.48	0.00	0.00
S-04A	POST	FDOT025Y002H	2.07	83.53	0.00	-0.0600	139	0.84	55.42	0.84	55.27
S-04B	POST	FDOT025Y002H	2.01	83.47	0.00	-0.0242	164	0.84	51.92	0.84	51.74
S-04C	POST	FDOT025Y002H	2.01	83.57	0.00	0.0282	169	0.84	50.56	0.84	50.35
S-04D	POST	FDOT025Y002H	0.85	83.94	0.00	0.0075	135	0.83	37.12	0.84	36.87
S-04E	POST	FDOT025Y002H	0.84	84.41	0.00	-0.0071	126	0.83	27.53	0.84	27.09
S-05A	POST	FDOT025Y002H	2.31	82.28	0.00	0.0026	135	1.08	4.42	1.08	4.39
S-05B	POST	FDOT025Y002H	2.26	82.29	0.00	-0.0024	143	1.23	3.63	1.24	3.60
S-05C	POST	FDOT025Y002H	2.22	82.30	0.00	0.0024	132	1.24	3.57	1.24	3.54
S-05D	POST	FDOT025Y002H	2.20	82.31	0.00	-0.0027	124	1.37	2.60	1.38	2.58
S-05F	POST	FDOT025Y002H	2.51	82.27	0.00	-0.0018	120	0.75	0.70	0.74	0.68
S-08A	POST	FDOT025Y002H	2.31	84.20	0.00	-0.0035	119	0.83	2.98	0.83	1.57
S-08B	POST	FDOT025Y002H	2.29	84.20	0.00	-0.0043	119	2.90	0.87	0.17	1.72
S-08C	POST	FDOT025Y002H	2.21	84.20	0.00	0.0045	141	1.04	16.46	1.04	16.41
S-08D	POST	FDOT025Y002H	2.27	84.21	0.00	-0.0034	151	1.04	16.32	1.04	16.26
S-08E	POST	FDOT025Y002H	1.21	84.24	0.00	-0.0038	139	1.06	14.84	1.06	14.80
S-09A	POST	FDOT025Y002H	2.31	84.21	0.00	-0.0066	124	0.83	5.92	0.83	5.87
S-17A	POST	FDOT025Y002H	2.26	83.40	0.00	-0.0024	142	0.98	4.41	1.01	2.43
S-17B	POST	FDOT025Y002H	2.26	83.40	0.00	0.0050	136	2.65	1.44	0.41	2.27
S-17C	POST	FDOT025Y002H	2.26	83.40	0.00	-0.0055	124	0.48	2.29	2.65	1.44
SMF-01	POST	FDOT025Y002H	2.27	85.00	0.00	0.0002	98999	1.00	33.78	2.27	2.98
SMF-02	POST	FDOT025Y002H	2.04	84.71	0.00	0.0006	28208	1.00	25.50	2.04	4.94
SMF-03	POST	FDOT025Y002H	2.17	83.45	0.00	0.0005	73931	0.88	48.37	2.17	5.16
SMF-04	POST	FDOT025Y002H	2.14	83.45	0.00	0.0008	26705	0.84	63.47	0.90	41.99
SMF-05	POST	FDOT025Y002H	2.40	82.27	0.00	0.0002	33360	1.00	7.88	2.40	1.55
SMF-06	POST	FDOT025Y002H	2.55	82.27	0.00	0.0001	36782	0.83	8.10	0.65	0.52
SMF-07	POST	FDOT025Y002H	2.17	82.33	0.00	0.0002	35980	1.00	12.32	1.42	2.33
SMF-08	POST	FDOT025Y002H	2.22	84.20	0.00	0.0003	64913	0.85	25.01	2.22	2.01
SMF-09	POST	FDOT025Y002H	2.31	84.20	0.00	0.0003	31209	0.83	10.13	2.90	0.87
SMF-10	POST	FDOT025Y002H	2.32	84.21	0.00	0.0003	32520	0.83	9.30	0.32	1.00
SMF-11	POST	FDOT025Y002H	1.16	84.35	0.00	0.0006	9843	1.00	19.37	1.11	14.89
SMF-12	POST	FDOT025Y002H	2.31	84.26	0.00	0.0001	27842	0.83	2.64	2.31	0.07
SMF-13	POST	FDOT025Y002H	2.34	82.06	0.00	0.0001	75840	1.00	14.49	2.34	0.63
SMF-14	POST	FDOT025Y002H	2.32	83.09	0.00	0.0003	50360	1.00	23.69	2.32	2.71
SMF-15	POST	FDOT025Y002H	2.35	83.66	0.00	0.0001	87827	1.00	19.60	2.35	0.76
SMF-16	POST	FDOT025Y002H	2.36	84.13	0.00	0.0002	118676	1.00	44.38	2.36	2.50
SMF-17	POST	FDOT025Y002H	2.27	83.39	0.00	0.0011	10364	1.00	4.56	2.27	1.49
SMF-19	POST	FDOT025Y002H	2.26	83.41	0.00	0.0003	25656	1.00	9.78	0.48	2.28
SMF-20	POST	FDOT025Y002H	2.26	86.39	0.00	0.0001	14397	1.00	2.01	0.00	0.00
WET-01-PRE	PRE	FDOT025Y002H	3.69	80.78	0.00	0.0002	267858	0.83	77.75	3.69	0.09
WET-01-PST	POST	FDOT025Y002H	2.29	80.30	0.00	0.0002	218872	0.83	59.07	2.29	1.71
WET-02-PRE	PRE	FDOT025Y002H	4.33	79.67	0.00	0.0002	109016	0.83	28.15	0.00	0.00
WET-02-PST	POST	FDOT025Y002H	5.59	80.28	0.00	0.0001	122658	0.83	22.51	13.10	0.40
WET-03-PRE	PRE	FDOT025Y002H	4.00	81.18	0.00	0.0004	62515	1.00	17.51	0.00	0.00
WET-04-PRE	PRE	FDOT025Y002H	5.17	79.14	0.00	0.0003	407065	0.83	86.59	0.00	0.00
WET-04-PST	POST	FDOT025Y002H	30.00	79.28	0.00	0.0003	421511	0.83	73.47	0.00	0.00
WET-05-PRE	PRE	FDOT025Y002H	4.17	79.62	0.00	0.0002	115949	0.83	31.18	0.00	0.00
WET-05-PST	POST	FDOT025Y002H	30.00	79.28	0.00	0.0001	114579	0.83	18.09	2.13	0.69
WET-06-PRE	PRE	FDOT025Y002H	3.83	83.88	0.00	0.0008	8126	1.00	6.77	0.00	0.00
WET-07-PRE	PRE	FDOT025Y002H	3.83	79.33	0.00	0.0000	239357	1.17	6.48	0.00	0.00
WET-07-PST	POST	FDOT025Y002H	2.83	78.77	0.00	0.0000	168647	1.00	3.61	0.00	0.00
WET-08-PRE	PRE	FDOT025Y002H	5.50	78.83	0.00	0.0000	159674	1.67	3.39	0.00	0.00
WET-08-PST	POST	FDOT025Y002H	30.00	79.29	0.00	0.0000	170116	2.25	2.56	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y004H	4.50	79.81	0.00	0.0000	91624	2.50	4.98	0.00	0.00
COMP-02	POST	FDOT025Y004H	4.50	78.88	0.00	0.0000	90943	2.50	6.39	0.00	0.00
OUT-01-PRE	PRE	FDOT025Y004H	0.00	79.50	0.00	0.0000	1	3.00	42.74	0.00	0.00
OUT-01-PST	POST	FDOT025Y004H	0.00	79.50	0.00	0.0000	47	3.00	22.19	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y004H	0.00	78.50	0.00	0.0000	0	2.50	8.08	0.00	0.00
OUT-02-PST	POST	FDOT025Y004H	0.00	78.50	0.00	0.0000	0	2.50	1.13	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y004H	0.00	76.50	0.00	0.0000	1	2.67	1.68	0.00	0.00
OUT-03-PST	POST	FDOT025Y004H	0.00	76.50	0.00	0.0000	0	3.00	0.24	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y004H	0.00	78.50	0.00	0.0000	2	2.67	14.51	0.00	0.00
OUT-04-PST	POST	FDOT025Y004H	0.00	78.50	0.00	0.0000	0	3.50	4.34	0.00	0.00
S-04A	POST	FDOT025Y004H	3.51	83.89	0.00	0.0402	139	2.50	31.75	1.23	34.19
S-04B	POST	FDOT025Y004H	3.24	83.84	0.00	-0.0254	164	2.50	29.60	2.50	29.53
S-04C	POST	FDOT025Y004H	3.50	83.93	0.00	0.0281	169	2.50	28.72	2.50	28.64
S-04D	POST	FDOT025Y004H	3.00	83.95	0.00	0.0074	135	2.00	20.51	2.50	20.44
S-04E	POST	FDOT025Y004H	3.00	84.02	0.00	0.0079	126	2.00	14.73	2.00	14.64
S-05A	POST	FDOT025Y004H	3.97	82.47	0.00	0.0026	135	3.00	4.34	3.00	4.33
S-05B	POST	FDOT025Y004H	3.88	82.48	0.00	-0.0024	143	3.00	3.64	3.00	3.62
S-05C	POST	FDOT025Y004H	3.76	82.50	0.00	0.0024	132	3.00	3.56	3.00	3.55
S-05D	POST	FDOT025Y004H	3.73	82.51	0.00	-0.0027	124	3.34	2.80	3.33	2.79
S-05F	POST	FDOT025Y004H	4.06	82.47	0.00	-0.0018	120	5.62	0.82	5.62	0.82
S-08A	POST	FDOT025Y004H	3.71	84.41	0.00	-0.0036	119	4.38	2.16	4.38	2.16
S-08B	POST	FDOT025Y004H	3.75	84.42	0.00	-0.0043	119	4.39	2.16	4.39	2.16
S-08C	POST	FDOT025Y004H	3.64	84.41	0.00	-0.0055	141	2.42	13.06	2.42	13.02
S-08D	POST	FDOT025Y004H	3.58	84.41	0.00	-0.0041	151	2.42	12.91	2.42	12.88
S-08E	POST	FDOT025Y004H	3.18	84.43	0.00	-0.0043	139	2.41	11.48	2.41	11.44
S-09A	POST	FDOT025Y004H	3.80	84.43	0.00	-0.0063	124	2.00	3.22	2.00	3.19
S-17A	POST	FDOT025Y004H	3.72	83.73	0.00	-0.0023	142	2.50	3.97	3.22	2.95
S-17B	POST	FDOT025Y004H	3.73	83.74	0.00	0.0046	136	8.11	3.70	1.20	2.30
S-17C	POST	FDOT025Y004H	3.73	83.75	0.00	-0.0055	124	1.29	2.35	8.11	3.70
SMF-01	POST	FDOT025Y004H	3.68	85.19	0.00	0.0001	100448	2.50	22.91	3.68	5.81
SMF-02	POST	FDOT025Y004H	3.25	85.02	0.00	0.0003	29251	2.50	17.55	3.25	9.38
SMF-03	POST	FDOT025Y004H	3.58	83.78	0.00	0.0002	76366	2.50	31.58	3.58	10.77
SMF-04	POST	FDOT025Y004H	3.53	83.80	0.00	0.0007	27876	2.50	39.14	2.51	27.84
SMF-05	POST	FDOT025Y004H	4.03	82.46	0.00	0.0001	34503	2.50	6.47	4.03	3.13
SMF-06	POST	FDOT025Y004H	4.10	82.47	0.00	0.0001	37497	2.50	5.08	5.62	0.82
SMF-07	POST	FDOT025Y004H	3.64	82.55	0.00	0.0001	36973	2.50	8.63	3.34	2.64
SMF-08	POST	FDOT025Y004H	3.62	84.40	0.00	0.0001	65942	2.25	17.24	3.62	4.24
SMF-09	POST	FDOT025Y004H	3.80	84.43	0.00	0.0001	31992	2.00	5.81	4.40	2.15
SMF-10	POST	FDOT025Y004H	3.80	84.43	0.00	0.0001	33308	2.17	5.49	5.75	1.62
SMF-11	POST	FDOT025Y004H	3.11	84.46	0.00	0.0002	10058	2.50	13.17	2.67	11.61
SMF-12	POST	FDOT025Y004H	4.18	84.35	0.00	0.0000	28135	2.50	1.84	4.18	0.11
SMF-13	POST	FDOT025Y004H	3.92	82.22	0.00	0.0001	77137	2.50	10.37	3.92	1.55
SMF-14	POST	FDOT025Y004H	3.68	83.36	0.00	0.0002	52454	2.50	17.54	3.68	5.19
SMF-15	POST	FDOT025Y004H	4.10	83.84	0.00	0.0001	89001	2.50	13.32	4.10	1.30
SMF-16	POST	FDOT025Y004H	3.82	84.39	0.00	0.0001	121304	2.50	31.31	3.82	6.01
SMF-17	POST	FDOT025Y004H	3.73	83.72	0.00	0.0010	11062	2.67	4.04	3.73	2.82
SMF-19	POST	FDOT025Y004H	3.74	83.75	0.00	0.0002	27027	2.50	7.31	1.28	2.34
SMF-20	POST	FDOT025Y004H	4.00	86.56	0.00	0.0001	14765	2.50	1.68	4.00	0.09
WET-01-PRE	PRE	FDOT025Y004H	4.92	81.06	0.00	0.0007	289734	2.50	52.20	4.84	0.80
WET-01-PST	POST	FDOT025Y004H	4.06	80.49	0.00	0.0008	232363	2.00	30.98	4.06	2.79
WET-02-PRE	PRE	FDOT025Y004H	6.33	79.94	0.00	0.0001	115962	2.50	19.10	0.00	0.00
WET-02-PST	POST	FDOT025Y004H	5.96	80.46	0.00	0.0001	125765	2.00	11.90	12.57	0.65
WET-03-PRE	PRE	FDOT025Y004H	6.00	81.66	0.00	0.0002	64605	2.67	17.19	0.00	0.00
WET-04-PRE	PRE	FDOT025Y004H	7.17	79.39	0.00	0.0009	432641	2.50	60.83	0.00	0.00
WET-04-PST	POST	FDOT025Y004H	30.00	79.61	0.00	0.0009	455632	2.00	38.89	30.00	0.23
WET-05-PRE	PRE	FDOT025Y004H	6.17	79.96	0.00	0.0001	117430	2.50	24.45	0.00	0.00
WET-05-PST	POST	FDOT025Y004H	30.00	79.61	0.00	0.0001	116007	2.00	9.47	3.42	0.98
WET-06-PRE	PRE	FDOT025Y004H	5.83	84.71	0.00	0.0005	13831	2.67	5.54	0.00	0.00
WET-07-PRE	PRE	FDOT025Y004H	5.83	79.41	0.00	0.0000	244724	3.00	9.06	0.00	0.00
WET-07-PST	POST	FDOT025Y004H	4.83	78.79	0.00	0.0000	170396	2.50	2.97	0.00	0.00
WET-08-PRE	PRE	FDOT025Y004H	7.33	78.92	0.00	0.0000	160434	3.17	5.23	0.00	0.00
WET-08-PST	POST	FDOT025Y004H	30.00	79.55	0.00	0.0000	177996	3.74	6.21	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y008H	8.50	79.92	0.00	0.0000	94040	4.00	6.15	0.00	0.00
COMP-02	POST	FDOT025Y008H	8.50	79.03	0.00	0.0000	91918	4.00	7.91	0.00	0.00
OUT-01-PRE	PRE	FDOT025Y008H	0.00	79.50	0.00	0.0000	1	4.17	48.79	0.00	0.00
OUT-01-PST	POST	FDOT025Y008H	0.00	79.50	0.00	0.0000	47	5.00	25.29	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y008H	0.00	78.50	0.00	0.0000	0	4.00	9.47	0.00	0.00
OUT-02-PST	POST	FDOT025Y008H	0.00	78.50	0.00	0.0000	0	4.00	1.41	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y008H	0.00	76.50	0.00	0.0000	1	4.17	1.88	0.00	0.00
OUT-03-PST	POST	FDOT025Y008H	0.00	76.50	0.00	0.0000	0	27.68	1.50	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y008H	0.00	78.50	0.00	0.0000	2	4.17	16.52	0.00	0.00
OUT-04-PST	POST	FDOT025Y008H	0.00	78.50	0.00	0.0000	0	5.62	5.33	0.00	0.00
S-04A	POST	FDOT025Y008H	5.18	84.02	0.00	-0.0466	139	3.15	44.21	4.00	38.62
S-04B	POST	FDOT025Y008H	5.09	84.00	0.00	0.0321	164	4.00	36.08	3.05	43.27
S-04C	POST	FDOT025Y008H	5.15	84.08	0.00	0.0280	169	4.00	35.02	4.00	34.92
S-04D	POST	FDOT025Y008H	5.08	84.10	0.00	0.0075	135	4.00	25.04	4.00	24.95
S-04E	POST	FDOT025Y008H	4.00	84.27	0.00	0.0067	126	4.00	17.78	4.00	17.69
S-05A	POST	FDOT025Y008H	6.16	82.57	0.00	-0.0027	135	4.00	4.73	4.00	4.70
S-05B	POST	FDOT025Y008H	6.04	82.58	0.00	0.0022	143	4.21	3.78	4.21	3.76
S-05C	POST	FDOT025Y008H	5.71	82.59	0.00	-0.0034	132	4.22	3.70	4.23	3.68
S-05D	POST	FDOT025Y008H	5.54	82.61	0.00	-0.0031	124	4.46	2.79	4.47	2.78
S-05F	POST	FDOT025Y008H	6.36	82.56	0.00	0.0018	120	7.91	1.00	7.91	1.00
S-08A	POST	FDOT025Y008H	5.32	84.49	0.00	-0.0069	119	6.30	2.93	6.30	2.93
S-08B	POST	FDOT025Y008H	5.44	84.50	0.00	-0.0017	119	6.37	2.82	6.37	2.82
S-08C	POST	FDOT025Y008H	5.32	84.48	0.00	-0.0077	141	3.97	14.20	3.97	14.16
S-08D	POST	FDOT025Y008H	5.22	84.48	0.00	-0.0041	151	3.97	14.02	3.97	13.98
S-08E	POST	FDOT025Y008H	5.37	84.49	0.00	0.0041	139	3.96	12.27	3.96	12.23
S-09A	POST	FDOT025Y008H	5.66	84.52	0.00	-0.0028	124	4.00	3.40	4.00	3.36
S-17A	POST	FDOT025Y008H	5.44	83.86	0.00	-0.0036	142	4.00	4.36	5.00	3.27
S-17B	POST	FDOT025Y008H	5.43	83.87	0.00	0.0059	136	9.49	3.70	5.41	2.53
S-17C	POST	FDOT025Y008H	5.44	83.88	0.00	-0.0059	124	2.45	2.37	9.49	3.70
SMF-01	POST	FDOT025Y008H	5.37	85.26	0.00	0.0001	100968	4.00	27.11	5.37	6.99
SMF-02	POST	FDOT025Y008H	5.01	85.01	0.00	0.0003	29221	4.00	20.95	5.01	9.22
SMF-03	POST	FDOT025Y008H	5.26	83.91	0.00	0.0003	77270	4.00	37.82	5.26	13.23
SMF-04	POST	FDOT025Y008H	5.17	83.93	0.00	0.0003	28330	4.00	47.36	4.02	33.32
SMF-05	POST	FDOT025Y008H	6.24	82.56	0.00	0.0017	35046	4.00	7.66	6.24	4.04
SMF-06	POST	FDOT025Y008H	6.63	82.58	0.00	0.0001	37888	4.00	6.15	8.33	0.97
SMF-07	POST	FDOT025Y008H	5.43	82.64	0.00	0.0001	37390	4.00	10.21	5.33	2.55
SMF-08	POST	FDOT025Y008H	5.32	84.47	0.00	0.0001	66314	4.00	19.68	5.32	5.28
SMF-09	POST	FDOT025Y008H	5.63	84.52	0.00	0.0001	32310	4.00	6.44	6.37	2.70
SMF-10	POST	FDOT025Y008H	5.69	84.53	0.00	0.0008	33635	4.00	6.41	1.43	2.19
SMF-11	POST	FDOT025Y008H	4.19	84.50	0.00	0.0002	10159	4.00	15.69	4.13	13.91
SMF-12	POST	FDOT025Y008H	8.09	84.44	0.00	0.0000	28430	4.00	2.26	8.09	0.15
SMF-13	POST	FDOT025Y008H	6.22	82.28	0.00	0.0001	77720	4.00	12.43	6.22	2.08
SMF-14	POST	FDOT025Y008H	5.38	83.44	0.00	0.0002	53140	4.00	20.37	5.38	6.17
SMF-15	POST	FDOT025Y008H	7.30	83.97	0.00	0.0001	89831	4.00	15.88	7.30	1.75
SMF-16	POST	FDOT025Y008H	5.52	84.49	0.00	0.0002	122331	4.00	37.20	5.52	7.73
SMF-17	POST	FDOT025Y008H	5.45	83.84	0.00	0.0011	11316	4.00	4.80	5.45	3.46
SMF-19	POST	FDOT025Y008H	5.44	83.89	0.00	0.0002	27564	4.00	8.74	2.44	2.36
SMF-20	POST	FDOT025Y008H	6.13	86.62	0.00	0.0001	14908	4.00	2.12	6.13	0.27
WET-01-PRE	PRE	FDOT025Y008H	8.34	81.36	0.00	0.0009	318066	4.00	60.88	8.34	2.09
WET-01-PST	POST	FDOT025Y008H	8.23	80.68	0.00	0.0010	246375	4.00	34.09	8.23	4.14
WET-02-PRE	PRE	FDOT025Y008H	10.25	80.27	0.00	0.0002	122318	4.00	22.29	0.00	0.00
WET-02-PST	POST	FDOT025Y008H	8.27	80.68	0.00	0.0001	129435	4.00	13.66	13.99	0.98
WET-03-PRE	PRE	FDOT025Y008H	10.00	82.29	0.00	0.0002	67367	4.17	19.53	0.00	0.00
WET-04-PRE	PRE	FDOT025Y008H	10.09	79.69	0.00	0.0011	464659	4.00	70.00	9.95	0.21
WET-04-PST	POST	FDOT025Y008H	27.68	79.88	0.00	0.0011	484065	4.00	45.02	27.68	1.50
WET-05-PRE	PRE	FDOT025Y008H	30.00	80.46	0.00	0.0002	119619	4.00	28.30	0.00	0.00
WET-05-PST	POST	FDOT025Y008H	27.67	79.88	0.00	0.0002	117186	4.00	10.93	4.82	1.01
WET-06-PRE	PRE	FDOT025Y008H	6.47	85.03	0.00	0.0005	19676	4.00	6.26	6.47	1.09
WET-07-PRE	PRE	FDOT025Y008H	9.83	79.53	0.00	0.0000	252597	4.17	10.27	0.00	0.00
WET-07-PST	POST	FDOT025Y008H	8.83	78.83	0.00	0.0000	172832	4.00	3.67	0.00	0.00
WET-08-PRE	PRE	FDOT025Y008H	11.42	79.05	0.00	0.0000	162777	4.33	5.31	0.00	0.00
WET-08-PST	POST	FDOT025Y008H	30.00	79.88	0.00	0.0000	188106	5.48	8.02	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y024H	19.12	80.02	0.00	0.0000	95939	12.00	2.04	19.12	0.90
COMP-02	POST	FDOT025Y024H	30.00	80.00	0.00	0.0000	108913	23.81	3.68	30.00	0.01
OUT-01-PRE	PRE	FDOT025Y024H	0.00	79.50	0.00	0.0000	1	12.17	21.54	0.00	0.00
OUT-01-PST	POST	FDOT025Y024H	0.00	79.50	0.00	0.0000	47	15.00	21.31	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y024H	0.00	78.50	0.00	0.0000	0	12.00	3.34	0.00	0.00
OUT-02-PST	POST	FDOT025Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.50	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y024H	0.00	76.50	0.00	0.0000	1	24.01	2.23	0.00	0.00
OUT-03-PST	POST	FDOT025Y024H	0.00	76.50	0.00	0.0000	0	25.55	5.97	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y024H	0.00	78.50	0.00	0.0000	2	12.08	6.75	0.00	0.00
OUT-04-PST	POST	FDOT025Y024H	0.00	78.50	0.00	0.0000	0	16.05	5.34	0.00	0.00
S-04A	POST	FDOT025Y024H	15.11	83.88	0.00	0.0325	139	0.00	0.00	5.04	31.72
S-04B	POST	FDOT025Y024H	15.08	83.83	0.00	-0.0253	164	12.08	25.33	0.00	0.00
S-04C	POST	FDOT025Y024H	15.08	83.92	0.00	-0.0152	169	12.00	11.39	13.14	25.06
S-04D	POST	FDOT025Y024H	15.03	83.93	0.00	-0.0121	135	12.00	8.58	11.43	8.08
S-04E	POST	FDOT025Y024H	15.02	83.94	0.00	0.0067	126	12.00	5.81	10.07	6.44
S-05A	POST	FDOT025Y024H	16.29	82.58	0.00	-0.0024	135	15.08	2.63	15.08	2.63
S-05B	POST	FDOT025Y024H	16.27	82.59	0.00	0.0022	143	15.39	2.36	15.40	2.36
S-05C	POST	FDOT025Y024H	16.23	82.60	0.00	-0.0034	132	3.92	2.70	15.40	2.33
S-05D	POST	FDOT025Y024H	16.24	82.61	0.00	0.0025	124	16.30	1.96	3.92	2.70
S-05F	POST	FDOT025Y024H	16.40	82.59	0.00	0.0018	120	17.90	1.06	17.90	1.06
S-08A	POST	FDOT025Y024H	15.48	84.47	0.00	-0.0036	119	16.00	2.98	16.00	2.98
S-08B	POST	FDOT025Y024H	16.01	84.49	0.00	-0.0042	119	16.45	2.84	16.45	2.84
S-08C	POST	FDOT025Y024H	15.30	84.46	0.00	-0.0055	141	11.87	5.52	11.87	5.51
S-08D	POST	FDOT025Y024H	15.20	84.46	0.00	-0.0041	151	11.86	5.46	11.87	5.45
S-08E	POST	FDOT025Y024H	15.17	84.47	0.00	-0.0045	139	11.86	4.90	11.86	4.88
S-09A	POST	FDOT025Y024H	16.08	84.52	0.00	-0.0050	124	15.08	2.17	3.50	3.04
S-17A	POST	FDOT025Y024H	16.10	83.79	0.00	-0.0036	142	11.95	2.89	16.00	2.71
S-17B	POST	FDOT025Y024H	16.11	83.80	0.00	0.0059	136	16.28	2.19	5.12	2.33
S-17C	POST	FDOT025Y024H	16.12	83.81	0.00	-0.0059	124	5.34	2.40	16.33	1.92
SMF-01	POST	FDOT025Y024H	15.32	85.18	0.00	0.0000	100360	12.00	9.29	15.32	5.62
SMF-02	POST	FDOT025Y024H	15.21	84.66	0.00	0.0001	28041	12.00	7.18	15.21	4.57
SMF-03	POST	FDOT025Y024H	15.21	83.78	0.00	-0.0001	76322	12.00	13.84	15.21	10.66
SMF-04	POST	FDOT025Y024H	15.15	83.79	0.00	0.0006	27851	5.04	31.87	12.01	12.35
SMF-05	POST	FDOT025Y024H	16.32	82.57	0.00	0.0018	35149	15.08	4.41	16.32	4.22
SMF-06	POST	FDOT025Y024H	16.61	82.60	0.00	0.0000	37974	12.00	2.05	19.75	0.98
SMF-07	POST	FDOT025Y024H	16.28	82.63	0.00	0.0000	37351	12.00	3.55	16.33	1.86
SMF-08	POST	FDOT025Y024H	15.33	84.45	0.00	0.0000	66196	15.00	8.37	15.33	4.94
SMF-09	POST	FDOT025Y024H	16.09	84.52	0.00	0.0000	32311	3.50	3.06	16.46	2.71
SMF-10	POST	FDOT025Y024H	16.09	84.53	0.00	0.0000	33642	12.00	2.11	25.08	1.62
SMF-11	POST	FDOT025Y024H	15.15	84.47	0.00	0.0001	10085	12.00	5.35	13.50	5.77
SMF-12	POST	FDOT025Y024H	21.07	84.54	0.00	0.0000	28762	12.00	0.77	21.07	0.27
SMF-13	POST	FDOT025Y024H	16.30	82.30	0.00	0.0000	77893	12.00	4.32	16.30	2.25
SMF-14	POST	FDOT025Y024H	15.33	83.29	0.00	0.0001	51931	12.00	7.19	15.33	4.51
SMF-15	POST	FDOT025Y024H	19.36	84.07	0.00	0.0000	90453	12.00	5.42	19.36	2.13
SMF-16	POST	FDOT025Y024H	16.12	84.47	0.00	0.0000	122096	12.00	12.93	16.12	7.32
SMF-17	POST	FDOT025Y024H	16.12	83.78	0.00	0.0011	11179	15.08	3.19	16.12	3.10
SMF-19	POST	FDOT025Y024H	16.14	83.81	0.00	0.0001	27261	12.00	3.11	5.33	2.40
SMF-20	POST	FDOT025Y024H	16.31	86.63	0.00	0.0000	14923	12.00	0.65	16.31	0.29
WET-01-PRE	PRE	FDOT025Y024H	22.18	81.74	0.00	0.0005	354869	12.00	21.78	22.18	4.32
WET-01-PST	POST	FDOT025Y024H	22.03	80.92	0.00	0.0006	264574	12.00	11.70	22.03	6.19
WET-02-PRE	PRE	FDOT025Y024H	26.25	80.92	0.00	0.0002	133656	12.00	8.03	0.00	0.00
WET-02-PST	POST	FDOT025Y024H	22.07	80.93	0.00	0.0001	133862	12.00	4.50	26.37	1.51
WET-03-PRE	PRE	FDOT025Y024H	26.00	83.59	0.00	0.0001	73011	12.08	7.75	0.00	0.00
WET-04-PRE	PRE	FDOT025Y024H	24.23	80.20	0.00	0.0007	504275	12.00	26.95	24.21	2.15
WET-04-PST	POST	FDOT025Y024H	25.55	80.47	0.00	0.0007	514935	15.00	27.14	25.55	5.97
WET-05-PRE	PRE	FDOT025Y024H	30.00	81.56	0.00	0.0001	124426	12.00	10.42	0.00	0.00
WET-05-PST	POST	FDOT025Y024H	25.55	80.47	0.00	0.0001	119677	12.00	3.62	12.27	0.70
WET-06-PRE	PRE	FDOT025Y024H	15.09	85.03	0.00	0.0002	20634	12.00	2.32	15.09	1.56
WET-07-PRE	PRE	FDOT025Y024H	26.00	79.81	0.00	0.0000	270682	12.08	4.65	0.00	0.00
WET-07-PST	POST	FDOT025Y024H	30.00	78.92	0.00	0.0000	178127	12.00	1.28	0.00	0.00
WET-08-PRE	PRE	FDOT025Y024H	27.50	79.37	0.00	0.0000	172498	15.08	2.94	0.00	0.00
WET-08-PST	POST	FDOT025Y024H	23.81	80.10	0.00	0.0000	196909	16.05	7.65	23.81	3.33

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT025Y072H	60.04	80.03	0.00	0.0000	95982	60.00	1.52	60.04	1.49
COMP-02	POST	FDOT025Y072H	65.17	80.12	0.00	0.0000	109911	63.91	7.33	65.17	5.79
OUT-01-PRE	PRE	FDOT025Y072H	0.00	79.50	0.00	0.0000	1	60.00	24.28	0.00	0.00
OUT-01-PST	POST	FDOT025Y072H	0.00	79.50	0.00	0.0000	47	60.00	24.17	0.00	0.00
OUT-02-PRE	PRE	FDOT025Y072H	0.00	78.50	0.00	0.0000	0	60.00	2.42	0.00	0.00
OUT-02-PST	POST	FDOT025Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.44	0.00	0.00
OUT-03-PRE	PRE	FDOT025Y072H	0.00	76.50	0.00	0.0000	1	68.00	3.85	0.00	0.00
OUT-03-PST	POST	FDOT025Y072H	0.00	76.50	0.00	0.0000	0	68.54	9.10	0.00	0.00
OUT-04-PRE	PRE	FDOT025Y072H	0.00	78.50	0.00	0.0000	2	60.00	5.84	0.00	0.00
OUT-04-PST	POST	FDOT025Y072H	0.00	78.50	0.00	0.0000	0	60.61	5.13	0.00	0.00
S-04A	POST	FDOT025Y072H	60.18	83.89	0.00	0.0325	139	0.00	0.00	10.08	31.75
S-04B	POST	FDOT025Y072H	60.07	83.83	0.00	-0.0253	164	60.00	25.32	0.00	0.00
S-04C	POST	FDOT025Y072H	60.06	83.93	0.00	0.0124	169	60.00	5.02	60.00	25.05
S-04D	POST	FDOT025Y072H	60.02	83.93	0.00	-0.0121	135	56.76	7.75	60.41	2.79
S-04E	POST	FDOT025Y072H	60.01	83.95	0.00	0.0068	126	60.00	4.03	56.70	6.43
S-05A	POST	FDOT025Y072H	60.66	82.59	0.00	0.0026	135	60.00	2.80	60.00	2.80
S-05B	POST	FDOT025Y072H	60.62	82.60	0.00	-0.0024	143	60.13	2.49	60.14	2.49
S-05C	POST	FDOT025Y072H	60.59	82.62	0.00	0.0024	132	60.15	2.46	60.15	2.45
S-05D	POST	FDOT025Y072H	60.59	82.63	0.00	-0.0027	124	60.51	2.01	60.51	2.01
S-05F	POST	FDOT025Y072H	60.76	82.60	0.00	-0.0018	120	61.83	1.06	61.83	1.06
S-08A	POST	FDOT025Y072H	60.37	84.48	0.00	-0.0016	119	60.87	2.95	60.88	2.95
S-08B	POST	FDOT025Y072H	60.42	84.50	0.00	-0.0042	119	61.04	2.84	61.04	2.84
S-08C	POST	FDOT025Y072H	60.29	84.47	0.00	0.0053	141	34.22	5.05	59.04	4.36
S-08D	POST	FDOT025Y072H	60.19	84.46	0.00	0.0039	151	59.36	5.20	34.22	5.03
S-08E	POST	FDOT025Y072H	60.15	84.48	0.00	-0.0059	139	34.23	3.93	58.76	4.83
S-09A	POST	FDOT025Y072H	60.49	84.53	0.00	-0.0051	124	60.00	2.18	8.67	3.04
S-17A	POST	FDOT025Y072H	60.68	83.75	0.00	0.0015	142	60.28	2.56	60.29	2.55
S-17B	POST	FDOT025Y072H	60.68	83.76	0.00	-0.0062	136	9.90	7.24	60.78	2.01
S-17C	POST	FDOT025Y072H	60.69	83.76	0.00	0.0070	124	61.00	1.76	9.90	7.24
SMF-01	POST	FDOT025Y072H	60.32	85.17	0.00	0.0000	100339	60.00	6.45	60.32	5.57
SMF-02	POST	FDOT025Y072H	60.55	84.43	0.00	0.0001	27264	60.00	5.09	60.55	3.90
SMF-03	POST	FDOT025Y072H	60.27	83.79	0.00	-0.0001	76378	60.00	11.69	60.27	10.81
SMF-04	POST	FDOT025Y072H	60.21	83.80	0.00	0.0006	27878	10.08	31.90	60.00	10.68
SMF-05	POST	FDOT025Y072H	60.70	82.58	0.00	0.0000	35213	60.00	4.70	60.70	4.33
SMF-06	POST	FDOT025Y072H	60.84	82.61	0.00	0.0000	38010	60.00	1.43	61.82	1.00
SMF-07	POST	FDOT025Y072H	60.59	82.65	0.00	0.0000	37415	60.00	2.53	60.64	1.89
SMF-08	POST	FDOT025Y072H	60.32	84.46	0.00	0.0000	66220	60.00	8.39	60.32	5.01
SMF-09	POST	FDOT025Y072H	60.50	84.52	0.00	0.0000	32318	8.67	3.07	61.04	2.73
SMF-10	POST	FDOT025Y072H	60.50	84.53	0.00	0.0000	33648	60.00	1.39	69.00	1.59
SMF-11	POST	FDOT025Y072H	60.10	84.47	0.00	0.0001	10096	60.00	3.75	58.93	5.04
SMF-12	POST	FDOT025Y072H	64.18	84.55	0.00	0.0000	28789	60.00	0.58	64.18	0.30
SMF-13	POST	FDOT025Y072H	60.57	82.32	0.00	0.0000	78047	60.00	3.18	60.57	2.41
SMF-14	POST	FDOT025Y072H	60.51	83.24	0.00	0.0000	51534	60.00	5.10	60.51	4.01
SMF-15	POST	FDOT025Y072H	64.13	84.04	0.00	0.0000	90289	60.00	3.80	64.13	2.03
SMF-16	POST	FDOT025Y072H	60.43	84.49	0.00	0.0000	122257	60.00	9.31	60.43	7.60
SMF-17	POST	FDOT025Y072H	60.69	83.74	0.00	-0.0005	11090	60.00	3.06	60.69	2.88
SMF-19	POST	FDOT025Y072H	60.70	83.76	0.00	0.0000	27075	60.00	2.36	61.00	1.71
SMF-20	POST	FDOT025Y072H	64.10	86.61	0.00	0.0000	14882	60.00	0.53	64.10	0.23
WET-01-PRE	PRE	FDOT025Y072H	64.65	81.89	0.00	0.0002	369725	60.00	14.99	64.65	5.36
WET-01-PST	POST	FDOT025Y072H	64.75	80.92	0.00	0.0002	264120	60.00	10.69	64.75	6.14
WET-02-PRE	PRE	FDOT025Y072H	72.00	81.41	0.00	0.0001	136803	60.00	5.57	0.00	0.00
WET-02-PST	POST	FDOT025Y072H	64.84	80.92	0.00	0.0000	133740	60.00	3.24	70.19	1.46
WET-03-PRE	PRE	FDOT025Y072H	72.00	84.56	0.00	0.0000	79696	60.00	6.19	0.00	0.00
WET-04-PRE	PRE	FDOT025Y072H	68.14	80.46	0.00	0.0003	514657	60.00	19.25	68.00	3.74
WET-04-PST	POST	FDOT025Y072H	68.75	80.86	0.00	0.0003	530122	60.00	27.56	68.75	9.07
WET-05-PRE	PRE	FDOT025Y072H	72.00	82.40	0.00	0.0001	129852	60.00	9.02	0.00	0.00
WET-05-PST	POST	FDOT025Y072H	68.79	80.86	0.00	0.0000	121347	60.00	2.58	72.00	0.76
WET-06-PRE	PRE	FDOT025Y072H	60.00	85.03	0.00	0.0001	20772	60.00	1.64	60.00	1.64
WET-07-PRE	PRE	FDOT025Y072H	72.00	80.04	0.00	0.0000	290043	60.00	5.10	0.00	0.00
WET-07-PST	POST	FDOT025Y072H	72.00	79.54	0.00	0.0000	234557	65.17	6.01	0.00	0.00
WET-08-PRE	PRE	FDOT025Y072H	72.00	79.64	0.00	0.0000	180567	60.00	3.72	0.00	0.00
WET-08-PST	POST	FDOT025Y072H	63.88	80.15	0.00	0.0000	199532	60.34	7.99	63.88	6.15

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y001H	1.50	79.69	0.00	0.0001	89035	0.67	11.80	0.00	0.00
COMP-02	POST	FDOT050Y001H	1.50	78.72	0.00	0.0001	90273	0.67	14.67	0.00	0.00
OUT-01-PRE	PRE	FDOT050Y001H	0.00	79.50	0.00	0.0000	1	1.00	49.24	0.00	0.00
OUT-01-PST	POST	FDOT050Y001H	0.00	79.50	0.00	0.0000	47	0.67	37.14	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y001H	0.00	78.50	0.00	0.0000	0	0.83	13.62	0.00	0.00
OUT-02-PST	POST	FDOT050Y001H	0.00	78.50	0.00	0.0000	0	0.83	1.92	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y001H	0.00	76.50	0.00	0.0000	1	0.83	2.55	0.00	0.00
OUT-03-PST	POST	FDOT050Y001H	0.00	76.50	0.00	0.0000	0	0.83	0.19	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y001H	0.00	78.50	0.00	0.0000	2	0.83	20.10	0.00	0.00
OUT-04-PST	POST	FDOT050Y001H	0.00	78.50	0.00	0.0000	0	0.67	3.17	0.00	0.00
S-04A	POST	FDOT050Y001H	0.84	83.44	0.00	-0.0674	139	0.68	76.14	0.68	75.93
S-04B	POST	FDOT050Y001H	0.83	83.63	0.00	-0.0354	164	0.68	71.26	0.68	71.00
S-04C	POST	FDOT050Y001H	0.70	84.24	0.00	-0.0392	169	0.67	69.38	0.68	69.05
S-04D	POST	FDOT050Y001H	0.68	85.55	0.00	0.0101	135	0.67	50.61	0.67	50.21
S-04E	POST	FDOT050Y001H	0.68	86.40	0.00	0.0155	126	0.67	37.35	0.67	36.55
S-05A	POST	FDOT050Y001H	1.64	82.18	0.00	-0.0042	135	0.85	5.49	0.86	5.45
S-05B	POST	FDOT050Y001H	1.52	82.19	0.00	-0.0024	143	0.93	4.20	0.94	4.17
S-05C	POST	FDOT050Y001H	1.42	82.21	0.00	0.0024	132	0.94	4.10	0.95	4.07
S-05D	POST	FDOT050Y001H	1.32	82.23	0.00	-0.0027	124	1.17	3.44	1.17	3.44
S-05F	POST	FDOT050Y001H	2.14	82.16	0.00	-0.0020	120	0.67	1.03	0.67	0.99
S-08A	POST	FDOT050Y001H	1.41	84.04	0.00	0.0046	119	0.69	3.89	0.67	2.59
S-08B	POST	FDOT050Y001H	1.56	84.03	0.00	-0.0044	119	13.45	1.00	0.76	1.98
S-08C	POST	FDOT050Y001H	1.16	84.07	0.00	0.0044	141	0.84	19.82	0.84	19.75
S-08D	POST	FDOT050Y001H	0.95	84.25	0.00	-0.0036	151	0.84	19.59	0.84	19.52
S-08E	POST	FDOT050Y001H	0.92	84.48	0.00	0.0042	139	0.87	17.45	0.87	17.41
S-09A	POST	FDOT050Y001H	1.65	84.03	0.00	-0.0068	124	0.67	8.16	0.67	8.09
S-17A	POST	FDOT050Y001H	1.49	83.22	0.00	-0.0023	142	0.88	5.04	0.83	3.39
S-17B	POST	FDOT050Y001H	1.44	83.23	0.00	-0.0073	136	0.18	7.25	1.81	2.07
S-17C	POST	FDOT050Y001H	1.47	83.23	0.00	0.0091	124	1.08	2.09	0.18	7.25
SMF-01	POST	FDOT050Y001H	1.51	84.89	0.00	0.0003	98173	0.83	46.43	1.51	1.73
SMF-02	POST	FDOT050Y001H	1.29	84.63	0.00	0.0010	27915	0.83	35.49	1.29	4.44
SMF-03	POST	FDOT050Y001H	1.35	83.25	0.00	0.0008	72438	0.74	63.71	1.35	2.59
SMF-04	POST	FDOT050Y001H	1.32	83.25	0.00	0.0012	26001	0.68	86.54	0.76	55.62
SMF-05	POST	FDOT050Y001H	1.74	82.17	0.00	0.0003	32746	0.83	11.00	1.74	0.91
SMF-06	POST	FDOT050Y001H	2.14	82.16	0.00	0.0002	36382	0.67	11.39	0.52	0.59
SMF-07	POST	FDOT050Y001H	1.28	82.29	0.00	0.0004	35818	0.83	16.97	1.17	3.36
SMF-08	POST	FDOT050Y001H	1.37	84.05	0.00	0.0004	64163	0.72	32.90	1.37	1.52
SMF-09	POST	FDOT050Y001H	1.59	84.03	0.00	0.0004	30604	0.67	14.04	13.45	1.00
SMF-10	POST	FDOT050Y001H	1.71	84.03	0.00	0.0005	31905	0.67	13.11	1.93	1.58
SMF-11	POST	FDOT050Y001H	0.92	84.66	0.00	0.0012	10484	0.83	26.89	0.92	21.69
SMF-12	POST	FDOT050Y001H	1.34	84.21	0.00	0.0001	27706	0.67	3.72	1.34	0.05
SMF-13	POST	FDOT050Y001H	1.56	81.98	0.00	0.0002	75157	0.83	20.31	1.56	0.39
SMF-14	POST	FDOT050Y001H	1.62	82.93	0.00	0.0005	49122	0.83	32.47	1.62	1.74
SMF-15	POST	FDOT050Y001H	1.54	83.57	0.00	0.0002	87278	0.83	27.21	1.54	0.56
SMF-16	POST	FDOT050Y001H	1.60	83.98	0.00	0.0004	117147	0.83	61.32	1.60	1.43
SMF-17	POST	FDOT050Y001H	1.49	83.22	0.00	0.0005	10000	0.83	6.43	1.49	1.22
SMF-19	POST	FDOT050Y001H	1.44	83.24	0.00	0.0005	24966	0.83	13.65	1.52	2.06
SMF-20	POST	FDOT050Y001H	1.30	86.33	0.00	0.0002	14249	0.83	3.05	0.00	0.00
WET-01-PRE	PRE	FDOT050Y001H	3.17	80.64	0.00	0.0004	257120	0.67	102.01	0.00	0.00
WET-01-PST	POST	FDOT050Y001H	1.67	80.22	0.00	0.0003	212720	0.67	79.38	1.67	1.29
WET-02-PRE	PRE	FDOT050Y001H	3.33	79.54	0.00	0.0003	105485	0.67	36.93	0.00	0.00
WET-02-PST	POST	FDOT050Y001H	5.66	80.20	0.00	0.0002	121153	0.67	30.49	13.72	0.30
WET-03-PRE	PRE	FDOT050Y001H	3.00	80.95	0.00	0.0005	60115	0.83	23.94	0.00	0.00
WET-04-PRE	PRE	FDOT050Y001H	4.17	79.02	0.00	0.0004	393924	0.67	112.43	0.00	0.00
WET-04-PST	POST	FDOT050Y001H	30.00	79.12	0.00	0.0004	404776	0.67	98.35	0.00	0.00
WET-05-PRE	PRE	FDOT050Y001H	3.17	79.46	0.00	0.0003	115252	0.67	40.60	0.00	0.00
WET-05-PST	POST	FDOT050Y001H	30.00	79.12	0.00	0.0002	113874	0.67	24.39	1.16	0.56
WET-06-PRE	PRE	FDOT050Y001H	2.83	83.34	0.00	0.0013	7418	0.83	9.04	0.00	0.00
WET-07-PRE	PRE	FDOT050Y001H	2.83	79.29	0.00	0.0000	237029	0.83	9.38	0.00	0.00
WET-07-PST	POST	FDOT050Y001H	1.83	78.75	0.00	0.0000	167850	0.83	5.30	0.00	0.00
WET-08-PRE	PRE	FDOT050Y001H	4.50	78.79	0.00	0.0000	159349	1.00	3.81	0.00	0.00
WET-08-PST	POST	FDOT050Y001H	30.00	79.18	0.00	0.0000	166664	0.83	2.10	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y002H	2.50	79.78	0.00	0.0001	90941	0.83	10.57	0.00	0.00
COMP-02	POST	FDOT050Y002H	2.50	78.84	0.00	0.0001	90763	0.83	13.22	0.00	0.00
OUT-01-PRE	PRE	FDOT050Y002H	0.00	79.50	0.00	0.0000	1	1.17	48.07	0.00	0.00
OUT-01-PST	POST	FDOT050Y002H	0.00	79.50	0.00	0.0000	47	0.83	33.47	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y002H	0.00	78.50	0.00	0.0000	0	1.00	11.99	0.00	0.00
OUT-02-PST	POST	FDOT050Y002H	0.00	78.50	0.00	0.0000	0	0.83	1.66	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y002H	0.00	76.50	0.00	0.0000	1	1.00	2.32	0.00	0.00
OUT-03-PST	POST	FDOT050Y002H	0.00	76.50	0.00	0.0000	0	1.33	0.16	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y002H	0.00	78.50	0.00	0.0000	2	1.00	18.19	0.00	0.00
OUT-04-PST	POST	FDOT050Y002H	0.00	78.50	0.00	0.0000	0	2.00	3.72	0.00	0.00
S-04A	POST	FDOT050Y002H	2.02	83.80	0.00	0.0355	139	0.84	66.45	0.84	66.27
S-04B	POST	FDOT050Y002H	1.97	83.75	0.00	0.0340	164	0.84	62.23	0.84	62.01
S-04C	POST	FDOT050Y002H	0.86	83.86	0.00	0.0279	169	0.84	60.60	0.84	60.33
S-04D	POST	FDOT050Y002H	0.85	84.87	0.00	0.0149	135	0.83	44.41	0.84	44.08
S-04E	POST	FDOT050Y002H	0.84	85.54	0.00	0.0068	126	0.83	32.88	0.84	32.30
S-05A	POST	FDOT050Y002H	2.26	82.41	0.00	0.0026	135	1.06	5.22	1.07	5.18
S-05B	POST	FDOT050Y002H	2.21	82.43	0.00	-0.0024	143	1.23	4.20	1.24	4.18
S-05C	POST	FDOT050Y002H	2.14	82.44	0.00	0.0024	132	1.24	4.12	1.25	4.10
S-05D	POST	FDOT050Y002H	2.13	82.46	0.00	-0.0027	124	1.46	2.99	1.47	2.98
S-05F	POST	FDOT050Y002H	2.43	82.40	0.00	-0.0019	120	0.74	0.75	0.73	0.73
S-08A	POST	FDOT050Y002H	2.17	84.34	0.00	-0.0035	119	0.84	3.58	0.84	1.94
S-08B	POST	FDOT050Y002H	2.20	84.34	0.00	-0.0043	119	2.75	1.62	0.84	1.81
S-08C	POST	FDOT050Y002H	2.15	84.34	0.00	0.0052	141	0.98	18.35	0.99	18.28
S-08D	POST	FDOT050Y002H	2.20	84.35	0.00	-0.0035	151	1.01	18.16	1.01	18.10
S-08E	POST	FDOT050Y002H	1.14	84.43	0.00	-0.0038	139	1.03	16.32	1.03	16.27
S-09A	POST	FDOT050Y002H	2.20	84.35	0.00	-0.0069	124	0.83	6.93	0.83	6.87
S-17A	POST	FDOT050Y002H	2.19	83.65	0.00	-0.0036	142	1.02	4.97	1.02	3.08
S-17B	POST	FDOT050Y002H	2.19	83.66	0.00	0.0059	136	6.01	3.70	0.35	2.27
S-17C	POST	FDOT050Y002H	2.20	83.66	0.00	-0.0059	124	0.39	2.28	6.01	3.70
SMF-01	POST	FDOT050Y002H	2.19	85.14	0.00	0.0003	100058	1.00	40.39	2.19	4.98
SMF-02	POST	FDOT050Y002H	1.84	84.96	0.00	0.0009	29044	1.00	30.66	1.84	8.30
SMF-03	POST	FDOT050Y002H	2.10	83.70	0.00	0.0007	75757	0.89	57.08	2.10	9.23
SMF-04	POST	FDOT050Y002H	2.05	83.71	0.00	0.0010	27584	0.84	76.41	0.91	49.71
SMF-05	POST	FDOT050Y002H	2.33	82.40	0.00	0.0002	34114	1.00	9.63	2.33	2.54
SMF-06	POST	FDOT050Y002H	2.45	82.40	0.00	0.0002	37244	0.83	9.80	3.58	0.72
SMF-07	POST	FDOT050Y002H	2.13	82.50	0.00	0.0003	36766	1.00	14.87	1.55	2.70
SMF-08	POST	FDOT050Y002H	2.17	84.33	0.00	0.0004	65597	0.86	29.26	2.17	3.36
SMF-09	POST	FDOT050Y002H	2.27	84.34	0.00	0.0004	31702	0.83	11.89	2.75	1.62
SMF-10	POST	FDOT050Y002H	2.24	84.35	0.00	0.0004	33017	0.83	11.00	3.34	1.16
SMF-11	POST	FDOT050Y002H	1.12	84.58	0.00	0.0010	10309	1.00	23.19	1.09	18.99
SMF-12	POST	FDOT050Y002H	2.31	84.31	0.00	0.0001	28030	0.83	3.31	2.31	0.09
SMF-13	POST	FDOT050Y002H	2.28	82.17	0.00	0.0002	76733	1.00	17.66	2.28	1.22
SMF-14	POST	FDOT050Y002H	2.23	83.29	0.00	0.0004	51965	1.00	28.65	2.23	4.55
SMF-15	POST	FDOT050Y002H	2.32	83.78	0.00	0.0002	88603	1.00	23.46	2.32	1.10
SMF-16	POST	FDOT050Y002H	2.27	84.32	0.00	0.0003	120554	1.00	53.76	2.27	4.86
SMF-17	POST	FDOT050Y002H	2.20	83.64	0.00	0.0009	10886	1.00	5.68	2.20	2.40
SMF-19	POST	FDOT050Y002H	2.20	83.66	0.00	0.0005	26671	1.00	12.09	0.35	2.28
SMF-20	POST	FDOT050Y002H	2.27	86.52	0.00	0.0001	14675	1.00	2.60	2.27	0.01
WET-01-PRE	PRE	FDOT050Y002H	3.38	80.95	0.00	0.0004	280596	0.83	90.63	3.27	0.46
WET-01-PST	POST	FDOT050Y002H	2.30	80.43	0.00	0.0004	228162	0.83	67.65	2.30	2.43
WET-02-PRE	PRE	FDOT050Y002H	4.33	79.84	0.00	0.0003	113302	0.83	32.98	0.00	0.00
WET-02-PST	POST	FDOT050Y002H	4.80	80.40	0.00	0.0002	124570	0.83	26.30	11.69	0.55
WET-03-PRE	PRE	FDOT050Y002H	4.00	81.47	0.00	0.0004	63776	1.00	22.00	0.00	0.00
WET-04-PRE	PRE	FDOT050Y002H	5.17	79.30	0.00	0.0004	423036	0.83	100.01	0.00	0.00
WET-04-PST	POST	FDOT050Y002H	30.00	79.49	0.00	0.0004	443465	0.83	83.67	0.00	0.00
WET-05-PRE	PRE	FDOT050Y002H	4.17	79.82	0.00	0.0003	116838	0.83	36.99	0.00	0.00
WET-05-PST	POST	FDOT050Y002H	30.00	79.49	0.00	0.0001	115499	0.83	20.81	2.13	0.92
WET-06-PRE	PRE	FDOT050Y002H	3.83	84.43	0.00	0.0012	11685	1.00	8.12	0.00	0.00
WET-07-PRE	PRE	FDOT050Y002H	3.83	79.38	0.00	0.0000	242517	1.17	9.22	0.00	0.00
WET-07-PST	POST	FDOT050Y002H	2.83	78.78	0.00	0.0000	169690	0.83	4.59	0.00	0.00
WET-08-PRE	PRE	FDOT050Y002H	5.50	78.88	0.00	0.0000	160128	1.50	4.76	0.00	0.00
WET-08-PST	POST	FDOT050Y002H	30.00	79.45	0.00	0.0000	174990	2.20	5.00	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y004H	4.50	79.88	0.00	0.0000	93186	2.50	6.03	0.00	0.00
COMP-02	POST	FDOT050Y004H	4.50	78.97	0.00	0.0000	91357	2.50	7.80	0.00	0.00
OUT-01-PRE	PRE	FDOT050Y004H	0.00	79.50	0.00	0.0000	1	2.83	54.86	0.00	0.00
OUT-01-PST	POST	FDOT050Y004H	0.00	79.50	0.00	0.0000	47	3.00	32.99	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y004H	0.00	78.50	0.00	0.0000	0	2.50	9.75	0.00	0.00
OUT-02-PST	POST	FDOT050Y004H	0.00	78.50	0.00	0.0000	0	2.50	1.44	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y004H	0.00	76.50	0.00	0.0000	1	2.67	2.02	0.00	0.00
OUT-03-PST	POST	FDOT050Y004H	0.00	76.50	0.00	0.0000	0	30.00	1.05	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y004H	0.00	78.50	0.00	0.0000	2	2.67	18.36	0.00	0.00
OUT-04-PST	POST	FDOT050Y004H	0.00	78.50	0.00	0.0000	0	3.50	6.52	0.00	0.00
S-04A	POST	FDOT050Y004H	3.25	84.21	0.00	-0.0466	139	1.52	44.29	2.01	38.30
S-04B	POST	FDOT050Y004H	3.20	84.19	0.00	0.0321	164	2.01	35.83	1.34	43.27
S-04C	POST	FDOT050Y004H	3.01	84.27	0.00	0.0272	169	2.01	34.79	2.01	34.69
S-04D	POST	FDOT050Y004H	3.00	84.43	0.00	0.0077	135	2.00	25.03	2.01	24.93
S-04E	POST	FDOT050Y004H	3.00	84.53	0.00	0.0067	126	2.00	17.94	2.00	17.82
S-05A	POST	FDOT050Y004H	3.78	82.64	0.00	0.0021	135	3.00	5.33	3.00	5.32
S-05B	POST	FDOT050Y004H	3.72	82.66	0.00	0.0022	143	3.00	4.47	3.00	4.46
S-05C	POST	FDOT050Y004H	3.64	82.69	0.00	-0.0034	132	3.00	4.38	3.00	4.36
S-05D	POST	FDOT050Y004H	3.61	82.72	0.00	-0.0030	124	3.34	3.51	3.34	3.51
S-05F	POST	FDOT050Y004H	3.94	82.62	0.00	0.0018	120	5.38	1.05	5.38	1.05
S-08A	POST	FDOT050Y004H	3.48	84.56	0.00	-0.0036	119	4.08	3.26	4.08	3.27
S-08B	POST	FDOT050Y004H	3.59	84.58	0.00	-0.0043	119	4.29	3.24	4.29	3.25
S-08C	POST	FDOT050Y004H	3.38	84.55	0.00	0.0053	141	2.24	14.81	2.24	14.77
S-08D	POST	FDOT050Y004H	3.21	84.57	0.00	0.0038	151	2.24	14.64	2.24	14.60
S-08E	POST	FDOT050Y004H	3.10	84.59	0.00	-0.0043	139	2.24	12.97	2.24	12.93
S-09A	POST	FDOT050Y004H	3.69	84.61	0.00	-0.0062	124	3.13	4.08	2.00	3.80
S-17A	POST	FDOT050Y004H	3.59	84.00	0.00	-0.0024	142	3.04	4.22	3.04	4.21
S-17B	POST	FDOT050Y004H	3.59	84.03	0.00	-0.0073	136	1.00	7.25	3.69	3.11
S-17C	POST	FDOT050Y004H	3.60	84.03	0.00	0.0091	124	3.83	2.87	1.00	7.25
SMF-01	POST	FDOT050Y004H	3.51	85.35	0.00	0.0001	101696	2.50	27.32	3.51	8.78
SMF-02	POST	FDOT050Y004H	3.15	85.23	0.00	0.0004	29980	2.50	21.04	3.15	13.74
SMF-03	POST	FDOT050Y004H	3.39	84.07	0.00	0.0003	78482	2.51	37.86	3.39	16.80
SMF-04	POST	FDOT050Y004H	3.26	84.12	0.00	0.0003	28962	2.50	46.61	2.52	33.51
SMF-05	POST	FDOT050Y004H	3.86	82.62	0.00	0.0017	35402	2.50	7.94	3.86	4.68
SMF-06	POST	FDOT050Y004H	4.03	82.63	0.00	0.0001	38066	2.17	6.11	5.38	1.05
SMF-07	POST	FDOT050Y004H	3.57	82.78	0.00	0.0001	38004	2.50	10.37	3.36	3.32
SMF-08	POST	FDOT050Y004H	3.47	84.54	0.00	0.0002	66662	2.18	20.32	3.47	6.35
SMF-09	POST	FDOT050Y004H	3.70	84.60	0.00	0.0001	32597	2.00	6.93	4.33	3.24
SMF-10	POST	FDOT050Y004H	3.70	84.61	0.00	0.0001	33928	2.00	6.55	4.45	1.63
SMF-11	POST	FDOT050Y004H	3.06	84.62	0.00	0.0003	10398	2.17	15.78	2.60	14.32
SMF-12	POST	FDOT050Y004H	4.15	84.43	0.00	0.0000	28399	2.50	2.24	4.15	0.15
SMF-13	POST	FDOT050Y004H	3.76	82.34	0.00	0.0001	78203	2.50	12.57	3.76	2.57
SMF-14	POST	FDOT050Y004H	3.52	83.58	0.00	0.0002	54235	2.50	21.07	3.52	7.87
SMF-15	POST	FDOT050Y004H	4.02	84.00	0.00	0.0001	90016	2.17	15.97	4.02	1.86
SMF-16	POST	FDOT050Y004H	3.68	84.60	0.00	0.0002	123445	2.50	37.72	3.68	9.80
SMF-17	POST	FDOT050Y004H	3.61	83.98	0.00	-0.0005	11607	3.04	5.71	3.61	4.29
SMF-19	POST	FDOT050Y004H	3.61	84.05	0.00	0.0002	28202	2.50	8.95	3.83	2.83
SMF-20	POST	FDOT050Y004H	3.61	86.67	0.00	0.0001	15018	2.50	2.16	3.61	0.44
WET-01-PRE	PRE	FDOT050Y004H	4.72	81.27	0.00	0.0011	310259	2.50	61.72	4.72	1.69
WET-01-PST	POST	FDOT050Y004H	4.05	80.65	0.00	0.0012	244664	2.00	36.24	4.05	3.97
WET-02-PRE	PRE	FDOT050Y004H	6.33	80.16	0.00	0.0002	120318	2.50	22.62	0.00	0.00
WET-02-PST	POST	FDOT050Y004H	5.26	80.62	0.00	0.0001	128451	2.00	14.20	11.22	0.89
WET-03-PRE	PRE	FDOT050Y004H	6.00	82.07	0.00	0.0003	66402	2.67	21.22	0.00	0.00
WET-04-PRE	PRE	FDOT050Y004H	6.62	79.59	0.00	0.0014	453668	2.50	72.07	6.42	0.05
WET-04-PST	POST	FDOT050Y004H	30.00	79.80	0.00	0.0014	475762	3.00	53.13	30.00	1.05
WET-05-PRE	PRE	FDOT050Y004H	30.00	80.27	0.00	0.0002	118801	2.50	29.20	0.00	0.00
WET-05-PST	POST	FDOT050Y004H	30.00	79.80	0.00	0.0002	116843	2.00	11.22	3.08	1.21
WET-06-PRE	PRE	FDOT050Y004H	4.03	85.03	0.00	0.0005	20301	2.50	6.63	4.03	1.39
WET-07-PRE	PRE	FDOT050Y004H	5.83	79.49	0.00	0.0000	249767	2.67	12.03	0.00	0.00
WET-07-PST	POST	FDOT050Y004H	4.83	78.82	0.00	0.0000	171960	2.50	3.71	0.00	0.00
WET-08-PRE	PRE	FDOT050Y004H	7.33	79.00	0.00	0.0000	161200	3.00	7.15	0.00	0.00
WET-08-PST	POST	FDOT050Y004H	30.00	79.78	0.00	0.0000	185103	3.60	10.16	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y008H	5.05	80.07	0.00	0.0001	96130	4.00	11.73	5.05	4.20
COMP-02	POST	FDOT050Y008H	9.21	80.15	0.00	0.0001	110204	4.00	15.44	9.21	8.51
OUT-01-PRE	PRE	FDOT050Y008H	0.00	79.50	0.00	0.0000	1	4.17	115.82	0.00	0.00
OUT-01-PST	POST	FDOT050Y008H	0.00	79.50	0.00	0.0000	47	4.00	76.97	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y008H	0.00	78.50	0.00	0.0000	0	4.00	17.88	0.00	0.00
OUT-02-PST	POST	FDOT050Y008H	0.00	78.50	0.00	0.0000	0	4.00	3.13	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y008H	0.00	76.50	0.00	0.0000	1	8.14	4.78	0.00	0.00
OUT-03-PST	POST	FDOT050Y008H	0.00	76.50	0.00	0.0000	0	9.84	10.16	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y008H	0.00	78.50	0.00	0.0000	2	4.00	36.90	0.00	0.00
OUT-04-PST	POST	FDOT050Y008H	0.00	78.50	0.00	0.0000	0	5.01	19.30	0.00	0.00
S-04A	POST	FDOT050Y008H	4.11	85.47	0.00	0.0402	139	4.00	66.87	4.00	66.78
S-04B	POST	FDOT050Y008H	4.01	85.70	0.00	0.0285	164	4.00	62.08	4.00	61.97
S-04C	POST	FDOT050Y008H	4.01	86.25	0.00	0.0284	169	4.00	60.11	4.00	59.98
S-04D	POST	FDOT050Y008H	4.00	87.17	0.00	0.0076	135	4.00	41.99	4.00	41.88
S-04E	POST	FDOT050Y008H	4.00	87.71	0.00	0.0065	126	3.63	29.33	3.64	29.18
S-05A	POST	FDOT050Y008H	5.18	83.22	0.00	0.0026	135	4.01	8.93	4.01	8.89
S-05B	POST	FDOT050Y008H	5.14	83.31	0.00	-0.0024	143	5.00	7.28	5.00	7.27
S-05C	POST	FDOT050Y008H	5.09	83.42	0.00	0.0024	132	5.00	7.16	5.00	7.15
S-05D	POST	FDOT050Y008H	5.15	83.50	0.00	-0.0027	124	5.38	6.03	5.39	6.03
S-05F	POST	FDOT050Y008H	5.30	83.17	0.00	-0.0018	120	7.00	2.27	7.00	2.27
S-08A	POST	FDOT050Y008H	5.04	85.03	0.00	-0.0044	119	5.89	7.26	5.88	7.27
S-08B	POST	FDOT050Y008H	5.10	85.12	0.00	-0.0043	119	5.89	7.03	5.88	7.04
S-08C	POST	FDOT050Y008H	4.32	84.93	0.00	-0.0056	141	3.61	17.69	3.61	17.64
S-08D	POST	FDOT050Y008H	4.19	85.03	0.00	-0.0042	151	3.60	17.39	3.60	17.33
S-08E	POST	FDOT050Y008H	4.09	85.14	0.00	-0.0050	139	3.59	14.55	3.59	14.50
S-09A	POST	FDOT050Y008H	5.23	85.29	0.00	-0.0060	124	4.00	7.44	4.00	7.39
S-17A	POST	FDOT050Y008H	5.00	84.70	0.00	0.0023	142	5.00	10.18	5.00	10.18
S-17B	POST	FDOT050Y008H	5.01	84.86	0.00	-0.0073	136	5.26	8.15	5.27	8.16
S-17C	POST	FDOT050Y008H	5.04	84.90	0.00	0.0091	124	5.34	7.53	5.34	7.54
SMF-01	POST	FDOT050Y008H	5.01	85.86	0.00	0.0004	105546	4.00	49.44	5.01	20.38
SMF-02	POST	FDOT050Y008H	4.22	85.89	0.00	0.0006	32191	4.00	38.85	4.22	31.10
SMF-03	POST	FDOT050Y008H	5.01	84.93	0.00	0.0005	84749	4.00	69.73	5.01	40.66
SMF-04	POST	FDOT050Y008H	4.26	85.22	0.00	0.0006	32679	4.00	82.96	4.04	62.09
SMF-05	POST	FDOT050Y008H	5.26	83.13	0.00	0.0003	38459	4.00	16.13	5.26	11.46
SMF-06	POST	FDOT050Y008H	5.51	83.22	0.00	0.0003	40225	4.00	11.16	7.37	2.17
SMF-07	POST	FDOT050Y008H	5.29	83.69	0.00	0.0005	42096	4.00	19.05	5.44	5.81
SMF-08	POST	FDOT050Y008H	5.02	84.92	0.00	0.0003	68553	4.00	29.47	5.02	13.54
SMF-09	POST	FDOT050Y008H	5.27	85.27	0.00	0.0004	34913	4.00	12.66	5.89	6.81
SMF-10	POST	FDOT050Y008H	5.25	85.31	0.00	0.0004	36358	4.00	11.11	6.30	3.14
SMF-11	POST	FDOT050Y008H	4.08	85.20	0.00	0.0006	11639	4.00	28.80	4.07	27.28
SMF-12	POST	FDOT050Y008H	5.25	84.69	0.00	0.0001	29272	4.00	4.41	5.25	1.08
SMF-13	POST	FDOT050Y008H	5.24	82.78	0.00	0.0003	81947	4.00	23.82	5.24	7.46
SMF-14	POST	FDOT050Y008H	4.73	84.24	0.00	0.0005	59358	4.00	37.91	4.73	17.81
SMF-15	POST	FDOT050Y008H	5.35	84.57	0.00	0.0003	93683	4.00	29.15	5.35	6.79
SMF-16	POST	FDOT050Y008H	5.17	85.28	0.00	0.0005	130349	4.00	70.03	5.17	26.16
SMF-17	POST	FDOT050Y008H	5.04	84.54	0.00	-0.0005	12785	4.17	12.38	5.04	11.71
SMF-19	POST	FDOT050Y008H	5.13	84.98	0.00	0.0006	31924	4.00	17.25	5.34	7.42
SMF-20	POST	FDOT050Y008H	4.22	87.15	0.00	0.0003	16104	4.00	4.73	4.34	3.83
WET-01-PRE	PRE	FDOT050Y008H	8.09	82.21	0.00	0.0006	389034	4.00	108.03	8.17	7.68
WET-01-PST	POST	FDOT050Y008H	8.01	81.37	0.00	0.0007	302506	4.00	75.26	8.01	10.66
WET-02-PRE	PRE	FDOT050Y008H	10.25	81.36	0.00	0.0003	136586	4.00	39.75	0.00	0.00
WET-02-PST	POST	FDOT050Y008H	8.03	81.39	0.00	0.0002	136760	4.00	24.24	10.94	2.42
WET-03-PRE	PRE	FDOT050Y008H	10.00	84.47	0.00	0.0008	78922	4.17	39.30	0.00	0.00
WET-04-PRE	PRE	FDOT050Y008H	8.62	80.58	0.00	0.0008	519185	4.00	124.87	8.56	4.51
WET-04-PST	POST	FDOT050Y008H	9.84	80.99	0.00	0.0008	535290	4.00	115.07	9.84	10.16
WET-05-PRE	PRE	FDOT050Y008H	30.00	82.32	0.00	0.0006	129130	4.00	51.69	0.00	0.00
WET-05-PST	POST	FDOT050Y008H	11.06	80.98	0.00	0.0001	121886	4.00	19.80	3.98	1.78
WET-06-PRE	PRE	FDOT050Y008H	4.36	85.10	0.00	0.0010	30163	4.00	11.52	4.36	8.81
WET-07-PRE	PRE	FDOT050Y008H	9.83	80.01	0.00	0.0001	285710	4.00	27.80	0.00	0.00
WET-07-PST	POST	FDOT050Y008H	30.00	79.75	0.00	0.0000	255080	9.21	8.51	0.00	0.00
WET-08-PRE	PRE	FDOT050Y008H	11.42	79.61	0.00	0.0001	179882	4.17	15.71	0.00	0.00
WET-08-PST	POST	FDOT050Y008H	8.13	80.22	0.00	0.0002	203261	5.04	27.40	8.13	11.05

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y024H	16.14	80.03	0.00	0.0000	95969	12.00	2.58	16.14	1.31
COMP-02	POST	FDOT050Y024H	22.22	80.13	0.00	0.0000	109993	20.90	8.19	22.22	6.51
OUT-01-PRE	PRE	FDOT050Y024H	0.00	79.50	0.00	0.0000	1	12.17	29.37	0.00	0.00
OUT-01-PST	POST	FDOT050Y024H	0.00	79.50	0.00	0.0000	47	16.00	28.92	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y024H	0.00	78.50	0.00	0.0000	0	12.00	4.18	0.00	0.00
OUT-02-PST	POST	FDOT050Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.66	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y024H	0.00	76.50	0.00	0.0000	1	22.24	4.08	0.00	0.00
OUT-03-PST	POST	FDOT050Y024H	0.00	76.50	0.00	0.0000	0	24.00	9.51	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y024H	0.00	78.50	0.00	0.0000	2	12.08	8.87	0.00	0.00
OUT-04-PST	POST	FDOT050Y024H	0.00	78.50	0.00	0.0000	0	16.00	7.26	0.00	0.00
S-04A	POST	FDOT050Y024H	15.07	84.06	0.00	0.0355	139	11.99	18.63	4.47	31.80
S-04B	POST	FDOT050Y024H	15.00	84.03	0.00	-0.0253	164	11.99	25.80	11.99	17.52
S-04C	POST	FDOT050Y024H	15.02	84.12	0.00	0.0283	169	11.99	15.44	11.99	25.32
S-04D	POST	FDOT050Y024H	15.00	84.14	0.00	-0.0121	135	12.00	10.73	11.99	11.30
S-04E	POST	FDOT050Y024H	15.00	84.16	0.00	0.0068	126	12.00	7.19	11.99	7.71
S-05A	POST	FDOT050Y024H	16.09	82.72	0.00	0.0026	135	15.08	3.50	15.08	3.50
S-05B	POST	FDOT050Y024H	16.08	82.74	0.00	-0.0024	143	15.08	3.15	15.09	3.15
S-05C	POST	FDOT050Y024H	16.08	82.76	0.00	0.0024	132	15.08	3.11	15.08	3.11
S-05D	POST	FDOT050Y024H	16.08	82.78	0.00	-0.0027	124	15.42	2.61	15.42	2.61
S-05F	POST	FDOT050Y024H	16.15	82.73	0.00	-0.0018	120	17.28	1.40	17.28	1.40
S-08A	POST	FDOT050Y024H	15.15	84.58	0.00	-0.0017	119	15.83	3.92	15.83	3.92
S-08B	POST	FDOT050Y024H	15.19	84.61	0.00	-0.0042	119	15.83	3.73	15.83	3.73
S-08C	POST	FDOT050Y024H	15.13	84.55	0.00	-0.0057	141	11.43	5.77	11.43	5.76
S-08D	POST	FDOT050Y024H	15.09	84.54	0.00	0.0052	151	11.43	5.70	11.43	5.68
S-08E	POST	FDOT050Y024H	15.08	84.56	0.00	-0.0060	139	11.42	5.02	11.42	5.01
S-09A	POST	FDOT050Y024H	15.22	84.66	0.00	-0.0050	124	15.00	2.87	3.17	3.05
S-17A	POST	FDOT050Y024H	15.26	83.99	0.00	-0.0036	142	15.08	3.69	15.08	3.69
S-17B	POST	FDOT050Y024H	15.28	84.01	0.00	0.0059	136	23.20	3.74	15.36	2.96
S-17C	POST	FDOT050Y024H	15.29	84.02	0.00	-0.0059	124	16.30	2.56	24.73	3.70
SMF-01	POST	FDOT050Y024H	15.14	85.28	0.00	0.0000	101110	12.00	11.47	15.14	7.33
SMF-02	POST	FDOT050Y024H	13.03	84.85	0.00	0.0001	28666	12.00	8.93	13.03	6.54
SMF-03	POST	FDOT050Y024H	15.11	83.95	0.00	-0.0001	77589	12.00	18.43	15.11	14.14
SMF-04	POST	FDOT050Y024H	15.06	83.98	0.00	0.0006	28477	11.99	32.69	12.01	16.61
SMF-05	POST	FDOT050Y024H	16.14	82.71	0.00	0.0000	35939	15.08	5.93	16.14	5.71
SMF-06	POST	FDOT050Y024H	16.20	82.76	0.00	0.0000	38542	12.00	2.54	17.26	1.30
SMF-07	POST	FDOT050Y024H	16.12	82.81	0.00	0.0000	38154	12.00	4.42	16.32	2.46
SMF-08	POST	FDOT050Y024H	15.15	84.54	0.00	0.0000	66633	15.00	9.66	15.15	6.26
SMF-09	POST	FDOT050Y024H	15.24	84.66	0.00	0.0001	32785	15.00	3.65	16.18	3.56
SMF-10	POST	FDOT050Y024H	15.23	84.67	0.00	0.0001	34133	12.00	2.57	24.77	1.62
SMF-11	POST	FDOT050Y024H	15.08	84.55	0.00	0.0001	10260	12.00	6.64	12.97	7.23
SMF-12	POST	FDOT050Y024H	19.06	84.58	0.00	0.0000	28906	12.00	0.98	19.06	0.45
SMF-13	POST	FDOT050Y024H	16.01	82.40	0.00	0.0000	78692	12.00	5.44	16.01	3.10
SMF-14	POST	FDOT050Y024H	13.63	83.42	0.00	0.0001	52924	12.00	8.93	13.63	5.85
SMF-15	POST	FDOT050Y024H	19.17	84.23	0.00	0.0000	91487	12.00	6.71	19.17	2.82
SMF-16	POST	FDOT050Y024H	15.27	84.61	0.00	0.0001	123521	12.00	16.15	15.27	9.94
SMF-17	POST	FDOT050Y024H	15.27	83.97	0.00	0.0011	11579	15.00	4.29	15.27	4.21
SMF-19	POST	FDOT050Y024H	15.30	84.03	0.00	0.0001	28124	12.00	3.94	16.32	2.49
SMF-20	POST	FDOT050Y024H	15.23	86.69	0.00	0.0000	15068	12.00	0.90	15.23	0.53
WET-01-PRE	PRE	FDOT050Y024H	22.03	82.00	0.00	0.0006	379906	12.00	26.63	22.03	6.12
WET-01-PST	POST	FDOT050Y024H	21.24	81.13	0.00	0.0006	281712	12.00	15.55	21.24	8.17
WET-02-PRE	PRE	FDOT050Y024H	26.25	81.36	0.00	0.0002	136595	12.00	9.84	0.00	0.00
WET-02-PST	POST	FDOT050Y024H	21.45	81.14	0.00	0.0001	135692	12.00	5.55	26.00	1.93
WET-03-PRE	PRE	FDOT050Y024H	26.00	84.47	0.00	0.0001	78916	12.08	9.90	0.00	0.00
WET-04-PRE	PRE	FDOT050Y024H	24.02	80.49	0.00	0.0008	515966	12.00	32.99	23.93	3.96
WET-04-PST	POST	FDOT050Y024H	24.43	80.91	0.00	0.0008	532136	13.00	35.40	24.43	9.49
WET-05-PRE	PRE	FDOT050Y024H	30.00	82.33	0.00	0.0001	129160	12.00	12.85	0.00	0.00
WET-05-PST	POST	FDOT050Y024H	24.44	80.91	0.00	0.0001	121568	12.00	4.48	30.00	0.99
WET-06-PRE	PRE	FDOT050Y024H	13.33	85.04	0.00	0.0002	21501	12.00	2.86	13.33	2.04
WET-07-PRE	PRE	FDOT050Y024H	26.00	80.02	0.00	0.0000	285824	12.08	6.59	0.00	0.00
WET-07-PST	POST	FDOT050Y024H	30.00	79.55	0.00	0.0000	235751	22.13	6.85	0.00	0.00
WET-08-PRE	PRE	FDOT050Y024H	27.50	79.61	0.00	0.0000	179883	12.25	4.24	0.00	0.00
WET-08-PST	POST	FDOT050Y024H	20.88	80.16	0.00	0.0000	200198	15.17	10.40	20.88	6.95

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT050Y072H	60.01	80.04	0.00	0.0000	96006	60.00	1.88	60.01	1.87
COMP-02	POST	FDOT050Y072H	61.76	80.17	0.00	0.0001	110379	60.51	11.35	61.76	10.28
OUT-01-PRE	PRE	FDOT050Y072H	0.00	79.50	0.00	0.0000	1	60.00	31.35	0.00	0.00
OUT-01-PST	POST	FDOT050Y072H	0.00	79.50	0.00	0.0000	47	60.00	30.64	0.00	0.00
OUT-02-PRE	PRE	FDOT050Y072H	0.00	78.50	0.00	0.0000	0	60.00	2.96	0.00	0.00
OUT-02-PST	POST	FDOT050Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.56	0.00	0.00
OUT-03-PRE	PRE	FDOT050Y072H	0.00	76.50	0.00	0.0000	1	64.46	6.22	0.00	0.00
OUT-03-PST	POST	FDOT050Y072H	0.00	76.50	0.00	0.0000	0	68.00	12.93	0.00	0.00
OUT-04-PRE	PRE	FDOT050Y072H	0.00	78.50	0.00	0.0000	2	60.00	7.38	0.00	0.00
OUT-04-PST	POST	FDOT050Y072H	0.00	78.50	0.00	0.0000	0	60.47	6.89	0.00	0.00
S-04A	POST	FDOT050Y072H	60.22	84.04	0.00	0.0325	139	0.00	0.00	9.50	31.88
S-04B	POST	FDOT050Y072H	60.10	84.00	0.00	-0.0253	164	56.83	25.32	0.00	0.00
S-04C	POST	FDOT050Y072H	60.15	84.10	0.00	0.0124	169	60.00	8.62	56.80	25.05
S-04D	POST	FDOT050Y072H	60.06	84.11	0.00	-0.0121	135	60.00	7.80	60.00	5.77
S-04E	POST	FDOT050Y072H	60.04	84.13	0.00	0.0068	126	60.00	5.42	64.05	6.44
S-05A	POST	FDOT050Y072H	60.59	82.70	0.00	0.0026	135	60.00	3.50	60.00	3.49
S-05B	POST	FDOT050Y072H	60.55	82.72	0.00	-0.0024	143	60.14	3.11	60.15	3.11
S-05C	POST	FDOT050Y072H	60.52	82.74	0.00	0.0024	132	60.17	3.07	60.17	3.06
S-05D	POST	FDOT050Y072H	60.53	82.76	0.00	-0.0027	124	60.58	2.52	60.58	2.52
S-05F	POST	FDOT050Y072H	60.71	82.71	0.00	-0.0018	120	61.83	1.32	61.83	1.32
S-08A	POST	FDOT050Y072H	60.28	84.56	0.00	-0.0017	119	60.79	3.70	60.80	3.70
S-08B	POST	FDOT050Y072H	60.33	84.59	0.00	-0.0043	119	60.94	3.55	60.94	3.55
S-08C	POST	FDOT050Y072H	60.20	84.54	0.00	0.0054	141	58.62	5.11	58.48	4.37
S-08D	POST	FDOT050Y072H	60.11	84.53	0.00	0.0052	151	59.07	5.27	58.62	5.06
S-08E	POST	FDOT050Y072H	60.08	84.55	0.00	-0.0060	139	58.65	4.03	58.50	4.81
S-09A	POST	FDOT050Y072H	60.41	84.64	0.00	-0.0050	124	60.00	2.73	8.34	3.05
S-17A	POST	FDOT050Y072H	60.50	83.94	0.00	0.0015	142	60.17	3.47	60.18	3.47
S-17B	POST	FDOT050Y072H	60.51	83.96	0.00	-0.0062	136	9.35	7.24	60.63	2.75
S-17C	POST	FDOT050Y072H	60.51	83.97	0.00	0.0070	124	60.93	2.40	9.35	7.24
SMF-01	POST	FDOT050Y072H	60.27	85.26	0.00	0.0000	100961	60.00	7.87	60.27	6.98
SMF-02	POST	FDOT050Y072H	60.37	84.74	0.00	0.0001	28319	60.00	6.24	60.37	5.26
SMF-03	POST	FDOT050Y072H	60.28	83.93	0.00	-0.0001	77436	60.00	14.77	60.28	13.70
SMF-04	POST	FDOT050Y072H	60.21	83.96	0.00	0.0006	28401	9.50	32.05	60.00	13.54
SMF-05	POST	FDOT050Y072H	60.64	82.69	0.00	0.0000	35834	60.00	5.91	60.64	5.51
SMF-06	POST	FDOT050Y072H	60.81	82.73	0.00	0.0000	38444	60.00	1.75	61.82	1.24
SMF-07	POST	FDOT050Y072H	60.55	82.79	0.00	0.0000	38058	60.00	3.09	60.72	2.38
SMF-08	POST	FDOT050Y072H	60.22	84.53	0.00	0.0000	66582	60.00	9.43	60.22	6.10
SMF-09	POST	FDOT050Y072H	60.43	84.63	0.00	0.0000	32699	60.00	3.53	61.00	3.42
SMF-10	POST	FDOT050Y072H	60.43	84.64	0.00	0.0000	34042	60.00	1.69	69.75	1.58
SMF-11	POST	FDOT050Y072H	60.05	84.55	0.00	0.0001	10246	60.00	4.59	58.81	7.03
SMF-12	POST	FDOT050Y072H	60.78	84.59	0.00	0.0000	28928	60.00	0.72	60.78	0.48
SMF-13	POST	FDOT050Y072H	60.49	82.40	0.00	0.0000	78701	60.00	3.92	60.49	3.11
SMF-14	POST	FDOT050Y072H	60.31	83.38	0.00	0.0000	52607	60.00	6.23	60.31	5.41
SMF-15	POST	FDOT050Y072H	64.06	84.17	0.00	0.0000	91133	60.00	4.64	64.06	2.58
SMF-16	POST	FDOT050Y072H	60.34	84.60	0.00	0.0000	123441	60.00	11.42	60.34	9.79
SMF-17	POST	FDOT050Y072H	60.51	83.93	0.00	-0.0005	11489	60.00	4.12	60.51	3.94
SMF-19	POST	FDOT050Y072H	60.53	83.98	0.00	0.0001	27921	60.00	2.92	61.00	2.34
SMF-20	POST	FDOT050Y072H	60.47	86.69	0.00	0.0000	15071	60.00	0.71	60.47	0.54
WET-01-PRE	PRE	FDOT050Y072H	65.02	82.17	0.00	0.0002	406678	60.00	18.22	65.02	7.38
WET-01-PST	POST	FDOT050Y072H	64.68	81.10	0.00	0.0003	279186	60.00	13.60	64.68	7.88
WET-02-PRE	PRE	FDOT050Y072H	72.00	81.98	0.00	0.0001	139314	60.00	6.77	0.00	0.00
WET-02-PST	POST	FDOT050Y072H	64.75	81.11	0.00	0.0000	135560	60.00	4.17	69.75	1.83
WET-03-PRE	PRE	FDOT050Y072H	64.36	85.00	0.00	0.0001	104406	60.00	7.68	64.36	3.57
WET-04-PRE	PRE	FDOT050Y072H	65.33	80.79	0.00	0.0003	527411	60.00	23.40	65.12	6.01
WET-04-PST	POST	FDOT050Y072H	68.03	81.31	0.00	0.0003	543883	60.00	35.71	68.03	12.86
WET-05-PRE	PRE	FDOT050Y072H	72.00	83.37	0.00	0.0001	138265	60.00	11.00	0.00	0.00
WET-05-PST	POST	FDOT050Y072H	68.11	81.31	0.00	0.0001	123332	60.00	3.20	72.00	1.25
WET-06-PRE	PRE	FDOT050Y072H	60.00	85.04	0.00	0.0001	21419	60.00	1.99	60.00	1.99
WET-07-PRE	PRE	FDOT050Y072H	72.00	80.30	0.00	0.0000	335624	60.00	6.69	0.00	0.00
WET-07-PST	POST	FDOT050Y072H	72.00	80.15	0.00	0.0000	300901	61.77	11.05	0.00	0.00
WET-08-PRE	PRE	FDOT050Y072H	72.00	79.97	0.00	0.0000	190788	60.00	4.93	0.00	0.00
WET-08-PST	POST	FDOT050Y072H	61.55	80.21	0.00	0.0000	202428	60.25	10.32	60.72	9.55

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y001H	1.50	79.73	0.00	0.0002	89978	0.67	14.41	0.00	0.00
COMP-02	POST	FDOT100Y001H	1.50	78.78	0.00	0.0002	90515	0.67	18.10	0.00	0.00
OUT-01-PRE	PRE	FDOT100Y001H	0.00	79.50	0.00	0.0000	1	1.00	63.59	0.00	0.00
OUT-01-PST	POST	FDOT100Y001H	0.00	79.50	0.00	0.0000	47	0.67	45.44	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y001H	0.00	78.50	0.00	0.0000	0	0.83	16.35	0.00	0.00
OUT-02-PST	POST	FDOT100Y001H	0.00	78.50	0.00	0.0000	0	0.83	2.43	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y001H	0.00	76.50	0.00	0.0000	1	0.83	3.08	0.00	0.00
OUT-03-PST	POST	FDOT100Y001H	0.00	76.50	0.00	0.0000	0	0.83	0.36	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y001H	0.00	78.50	0.00	0.0000	2	0.83	25.69	0.00	0.00
OUT-04-PST	POST	FDOT100Y001H	0.00	78.50	0.00	0.0000	0	0.67	4.07	0.00	0.00
S-04A	POST	FDOT100Y001H	0.84	83.93	0.00	-0.0679	139	0.67	88.16	0.68	87.91
S-04B	POST	FDOT100Y001H	0.81	84.21	0.00	-0.0348	164	0.67	82.25	0.67	81.95
S-04C	POST	FDOT100Y001H	0.69	85.04	0.00	-0.0392	169	0.67	79.99	0.67	79.59
S-04D	POST	FDOT100Y001H	0.68	86.72	0.00	0.0105	135	0.67	57.39	0.67	56.83
S-04E	POST	FDOT100Y001H	0.68	87.76	0.00	0.0148	126	0.67	41.17	0.67	40.39
S-05A	POST	FDOT100Y001H	1.59	82.30	0.00	-0.0045	135	0.86	6.42	0.86	6.37
S-05B	POST	FDOT100Y001H	1.46	82.32	0.00	-0.0028	143	0.93	4.84	0.93	4.80
S-05C	POST	FDOT100Y001H	1.38	82.35	0.00	0.0043	132	0.81	5.37	0.95	4.68
S-05D	POST	FDOT100Y001H	1.30	82.38	0.00	-0.0051	124	1.18	3.95	1.19	3.95
S-05F	POST	FDOT100Y001H	2.05	82.28	0.00	-0.0020	120	0.67	1.13	0.67	1.08
S-08A	POST	FDOT100Y001H	1.40	84.18	0.00	0.0047	119	0.68	4.28	0.67	3.02
S-08B	POST	FDOT100Y001H	1.46	84.17	0.00	-0.0046	119	0.83	1.46	0.81	2.04
S-08C	POST	FDOT100Y001H	1.14	84.22	0.00	0.0047	141	0.80	21.66	0.80	21.58
S-08D	POST	FDOT100Y001H	0.93	84.43	0.00	-0.0038	151	0.80	21.34	0.80	21.26
S-08E	POST	FDOT100Y001H	0.90	84.70	0.00	0.0048	139	0.85	18.66	0.86	18.61
S-09A	POST	FDOT100Y001H	1.60	84.17	0.00	-0.0070	124	0.67	9.54	0.67	9.45
S-17A	POST	FDOT100Y001H	1.41	83.48	0.00	-0.0023	142	0.83	4.33	0.83	4.45
S-17B	POST	FDOT100Y001H	1.40	83.49	0.00	0.0046	136	1.01	4.40	0.34	2.31
S-17C	POST	FDOT100Y001H	1.40	83.49	0.00	-0.0055	124	0.34	2.33	4.32	3.70
SMF-01	POST	FDOT100Y001H	1.44	85.04	0.00	0.0005	99305	0.83	55.27	1.44	3.51
SMF-02	POST	FDOT100Y001H	1.22	84.96	0.00	0.0015	29047	0.83	42.43	1.22	8.31
SMF-03	POST	FDOT100Y001H	1.28	83.52	0.00	0.0011	74415	0.74	73.27	1.28	6.15
SMF-04	POST	FDOT100Y001H	0.95	83.60	0.00	0.0017	27209	0.68	100.95	0.78	64.01
SMF-05	POST	FDOT100Y001H	1.72	82.29	0.00	0.0004	33449	0.83	13.31	1.72	1.65
SMF-06	POST	FDOT100Y001H	2.13	82.28	0.00	0.0004	36807	0.67	13.77	0.51	0.58
SMF-07	POST	FDOT100Y001H	1.29	82.48	0.00	0.0005	36639	0.83	20.39	1.22	3.87
SMF-08	POST	FDOT100Y001H	1.36	84.19	0.00	0.0006	64862	0.69	37.90	1.36	1.94
SMF-09	POST	FDOT100Y001H	1.53	84.17	0.00	0.0006	31100	0.67	16.48	16.74	1.00
SMF-10	POST	FDOT100Y001H	1.64	84.17	0.00	0.0007	32402	0.67	15.51	2.18	1.60
SMF-11	POST	FDOT100Y001H	0.90	84.89	0.00	0.0018	10979	0.83	32.03	0.90	26.96
SMF-12	POST	FDOT100Y001H	1.33	84.27	0.00	0.0002	27873	0.67	4.65	1.33	0.07
SMF-13	POST	FDOT100Y001H	1.49	82.09	0.00	0.0003	76031	0.83	24.58	1.49	0.74
SMF-14	POST	FDOT100Y001H	1.51	83.16	0.00	0.0007	50900	0.83	39.10	1.51	3.28
SMF-15	POST	FDOT100Y001H	1.50	83.68	0.00	0.0003	87996	0.83	32.41	1.50	0.83
SMF-16	POST	FDOT100Y001H	1.50	84.17	0.00	0.0005	119071	0.83	73.87	1.50	2.93
SMF-17	POST	FDOT100Y001H	1.42	83.48	0.00	0.0011	10541	0.83	8.18	1.42	1.71
SMF-19	POST	FDOT100Y001H	1.39	83.49	0.00	0.0008	25993	0.83	16.74	0.34	2.33
SMF-20	POST	FDOT100Y001H	1.30	86.52	0.00	0.0005	14684	0.83	3.87	1.30	0.02
WET-01-PRE	PRE	FDOT100Y001H	2.77	80.80	0.00	0.0005	269151	0.67	118.47	2.77	0.12
WET-01-PST	POST	FDOT100Y001H	1.62	80.33	0.00	0.0004	220864	0.67	90.70	1.62	1.85
WET-02-PRE	PRE	FDOT100Y001H	3.33	79.68	0.00	0.0005	109371	0.67	43.09	0.00	0.00
WET-02-PST	POST	FDOT100Y001H	4.90	80.30	0.00	0.0003	122852	0.67	35.50	12.27	0.42
WET-03-PRE	PRE	FDOT100Y001H	3.00	81.20	0.00	0.0007	62611	0.83	29.75	0.00	0.00
WET-04-PRE	PRE	FDOT100Y001H	4.17	79.16	0.00	0.0005	408414	0.67	129.03	0.00	0.00
WET-04-PST	POST	FDOT100Y001H	30.00	79.30	0.00	0.0005	423626	0.67	111.99	0.00	0.00
WET-05-PRE	PRE	FDOT100Y001H	3.17	79.64	0.00	0.0004	116034	0.67	47.94	0.00	0.00
WET-05-PST	POST	FDOT100Y001H	30.00	79.30	0.00	0.0002	114669	0.67	28.06	1.15	0.75
WET-06-PRE	PRE	FDOT100Y001H	2.83	83.93	0.00	0.0019	8189	0.83	10.78	0.00	0.00
WET-07-PRE	PRE	FDOT100Y001H	2.83	79.33	0.00	0.0000	239575	0.83	13.37	0.00	0.00
WET-07-PST	POST	FDOT100Y001H	1.83	78.77	0.00	0.0000	168734	0.83	6.58	0.00	0.00
WET-08-PRE	PRE	FDOT100Y001H	4.50	78.83	0.00	0.0000	159708	1.00	5.57	0.00	0.00
WET-08-PST	POST	FDOT100Y001H	30.00	79.31	0.00	0.0000	170631	1.47	2.95	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y002H	2.50	79.83	0.00	0.0001	92113	0.83	12.69	0.00	0.00
COMP-02	POST	FDOT100Y002H	2.50	78.91	0.00	0.0001	91072	0.83	16.02	0.00	0.00
OUT-01-PRE	PRE	FDOT100Y002H	0.00	79.50	0.00	0.0000	1	1.17	61.04	0.00	0.00
OUT-01-PST	POST	FDOT100Y002H	0.00	79.50	0.00	0.0000	47	0.83	40.40	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y002H	0.00	78.50	0.00	0.0000	0	1.00	14.22	0.00	0.00
OUT-02-PST	POST	FDOT100Y002H	0.00	78.50	0.00	0.0000	0	0.83	2.17	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y002H	0.00	76.50	0.00	0.0000	1	1.00	2.76	0.00	0.00
OUT-03-PST	POST	FDOT100Y002H	0.00	76.50	0.00	0.0000	0	30.00	0.50	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y002H	0.00	78.50	0.00	0.0000	2	1.00	22.90	0.00	0.00
OUT-04-PST	POST	FDOT100Y002H	0.00	78.50	0.00	0.0000	0	2.00	5.40	0.00	0.00
S-04A	POST	FDOT100Y002H	2.00	84.06	0.00	-0.0467	139	0.84	77.65	0.84	77.44
S-04B	POST	FDOT100Y002H	1.94	84.03	0.00	0.0321	164	0.84	72.65	0.84	72.40
S-04C	POST	FDOT100Y002H	0.86	84.57	0.00	0.0280	169	0.84	70.74	0.84	70.40
S-04D	POST	FDOT100Y002H	0.84	85.93	0.00	0.0075	135	0.83	51.59	0.84	51.15
S-04E	POST	FDOT100Y002H	0.84	86.82	0.00	0.0067	126	0.83	37.81	0.83	37.23
S-05A	POST	FDOT100Y002H	2.23	82.54	0.00	-0.0026	135	1.05	6.05	1.06	6.00
S-05B	POST	FDOT100Y002H	2.14	82.57	0.00	-0.0024	143	1.25	4.80	1.25	4.77
S-05C	POST	FDOT100Y002H	2.08	82.60	0.00	0.0024	132	1.26	4.70	1.26	4.68
S-05D	POST	FDOT100Y002H	2.07	82.63	0.00	-0.0027	124	1.65	3.50	1.69	3.49
S-05F	POST	FDOT100Y002H	2.33	82.52	0.00	-0.0019	120	3.79	0.87	3.79	0.87
S-08A	POST	FDOT100Y002H	2.12	84.46	0.00	-0.0071	119	2.72	2.44	0.84	2.50
S-08B	POST	FDOT100Y002H	2.12	84.47	0.00	0.0030	119	2.72	2.44	2.72	2.44
S-08C	POST	FDOT100Y002H	2.12	84.46	0.00	-0.0118	141	0.94	20.07	0.94	20.00
S-08D	POST	FDOT100Y002H	2.00	84.46	0.00	-0.0042	151	0.94	19.78	0.95	19.71
S-08E	POST	FDOT100Y002H	1.11	84.62	0.00	0.0042	139	1.01	17.41	1.01	17.36
S-09A	POST	FDOT100Y002H	2.19	84.48	0.00	-0.0020	124	0.83	7.99	0.83	7.92
S-17A	POST	FDOT100Y002H	2.12	83.87	0.00	-0.0024	142	0.83	3.82	1.00	3.92
S-17B	POST	FDOT100Y002H	2.13	83.89	0.00	-0.0073	136	0.18	7.25	2.22	2.65
S-17C	POST	FDOT100Y002H	2.13	83.90	0.00	0.0091	124	2.33	2.55	0.18	7.25
SMF-01	POST	FDOT100Y002H	2.12	85.27	0.00	0.0004	101092	1.00	47.42	2.12	7.29
SMF-02	POST	FDOT100Y002H	1.65	85.16	0.00	0.0010	29714	1.00	36.17	1.65	12.08
SMF-03	POST	FDOT100Y002H	2.05	83.94	0.00	0.0008	77500	0.89	65.84	2.05	13.89
SMF-04	POST	FDOT100Y002H	1.99	83.97	0.00	0.0012	28446	0.84	89.65	0.92	57.51
SMF-05	POST	FDOT100Y002H	2.33	82.52	0.00	0.0003	34859	1.00	11.51	2.33	3.72
SMF-06	POST	FDOT100Y002H	2.36	82.52	0.00	0.0003	37700	0.83	11.62	3.79	0.87
SMF-07	POST	FDOT100Y002H	2.09	82.69	0.00	0.0004	37612	1.00	17.61	2.17	3.29
SMF-08	POST	FDOT100Y002H	2.11	84.45	0.00	0.0004	66195	0.85	33.78	2.11	4.94
SMF-09	POST	FDOT100Y002H	2.19	84.48	0.00	0.0004	32173	0.83	13.75	2.72	2.44
SMF-10	POST	FDOT100Y002H	2.19	84.48	0.00	0.0008	33490	0.83	12.80	0.07	2.19
SMF-11	POST	FDOT100Y002H	1.09	84.78	0.00	0.0011	10737	1.00	27.25	1.07	23.30
SMF-12	POST	FDOT100Y002H	2.30	84.38	0.00	0.0001	28234	0.83	4.05	2.30	0.12
SMF-13	POST	FDOT100Y002H	2.22	82.27	0.00	0.0002	77618	1.00	21.07	2.22	1.99
SMF-14	POST	FDOT100Y002H	2.14	83.48	0.00	0.0005	53456	1.00	33.96	2.14	6.64
SMF-15	POST	FDOT100Y002H	2.30	83.90	0.00	0.0002	89413	1.00	27.58	2.30	1.51
SMF-16	POST	FDOT100Y002H	2.20	84.50	0.00	0.0004	122354	1.00	63.82	2.20	7.77
SMF-17	POST	FDOT100Y002H	2.13	83.86	0.00	0.0006	11350	1.00	7.13	2.13	3.55
SMF-19	POST	FDOT100Y002H	2.15	83.91	0.00	0.0006	27641	1.00	14.59	2.33	2.55
SMF-20	POST	FDOT100Y002H	2.14	86.63	0.00	0.0002	14923	0.83	3.31	2.14	0.29
WET-01-PRE	PRE	FDOT100Y002H	3.18	81.12	0.00	0.0004	295964	0.83	104.34	3.18	1.05
WET-01-PST	POST	FDOT100Y002H	2.28	80.56	0.00	0.0003	238099	0.83	76.70	2.28	3.32
WET-02-PRE	PRE	FDOT100Y002H	4.33	80.00	0.00	0.0003	117674	0.83	38.12	0.00	0.00
WET-02-PST	POST	FDOT100Y002H	4.06	80.51	0.00	0.0002	126597	0.83	30.33	10.48	0.72
WET-03-PRE	PRE	FDOT100Y002H	4.00	81.78	0.00	0.0006	65128	1.00	26.93	0.00	0.00
WET-04-PRE	PRE	FDOT100Y002H	5.17	79.45	0.00	0.0004	439429	0.83	114.28	0.00	0.00
WET-04-PST	POST	FDOT100Y002H	30.00	79.68	0.00	0.0003	463377	0.83	94.69	30.00	0.50
WET-05-PRE	PRE	FDOT100Y002H	4.17	80.04	0.00	0.0003	117782	0.83	43.22	0.00	0.00
WET-05-PST	POST	FDOT100Y002H	30.00	79.68	0.00	0.0002	116330	0.83	23.80	1.82	1.12
WET-06-PRE	PRE	FDOT100Y002H	3.83	84.86	0.00	0.0013	15011	1.00	9.56	0.00	0.00
WET-07-PRE	PRE	FDOT100Y002H	3.83	79.43	0.00	0.0000	246142	1.17	12.38	0.00	0.00
WET-07-PST	POST	FDOT100Y002H	2.83	78.80	0.00	0.0000	170841	0.83	5.82	0.00	0.00
WET-08-PRE	PRE	FDOT100Y002H	5.50	78.94	0.00	0.0000	160661	1.50	6.41	0.00	0.00
WET-08-PST	POST	FDOT100Y002H	30.00	79.63	0.00	0.0000	180319	2.11	8.02	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y004H	4.50	79.94	0.00	0.0001	94601	2.50	6.97	0.00	0.00
COMP-02	POST	FDOT100Y004H	4.50	79.06	0.00	0.0001	92522	2.50	9.06	0.00	0.00
OUT-01-PRE	PRE	FDOT100Y004H	0.00	79.50	0.00	0.0000	1	2.83	66.42	0.00	0.00
OUT-01-PST	POST	FDOT100Y004H	0.00	79.50	0.00	0.0000	47	3.00	43.25	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y004H	0.00	78.50	0.00	0.0000	0	2.50	11.24	0.00	0.00
OUT-02-PST	POST	FDOT100Y004H	0.00	78.50	0.00	0.0000	0	2.50	1.73	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y004H	0.00	76.50	0.00	0.0000	1	2.67	2.33	0.00	0.00
OUT-03-PST	POST	FDOT100Y004H	0.00	76.50	0.00	0.0000	0	20.98	1.85	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y004H	0.00	78.50	0.00	0.0000	2	2.67	21.89	0.00	0.00
OUT-04-PST	POST	FDOT100Y004H	0.00	78.50	0.00	0.0000	0	3.50	8.78	0.00	0.00
S-04A	POST	FDOT100Y004H	3.25	84.49	0.00	-0.0466	139	2.01	44.65	2.01	44.55
S-04B	POST	FDOT100Y004H	3.02	84.53	0.00	0.0321	164	2.01	41.67	1.27	43.27
S-04C	POST	FDOT100Y004H	3.00	84.65	0.00	0.0273	169	2.01	40.47	2.01	40.35
S-04D	POST	FDOT100Y004H	3.00	84.87	0.00	0.0075	135	2.00	29.08	2.01	28.97
S-04E	POST	FDOT100Y004H	2.51	85.04	0.00	0.0066	126	2.00	20.83	2.00	20.68
S-05A	POST	FDOT100Y004H	3.69	82.77	0.00	0.0026	135	3.00	6.22	3.00	6.20
S-05B	POST	FDOT100Y004H	3.62	82.81	0.00	-0.0024	143	3.00	5.22	3.00	5.20
S-05C	POST	FDOT100Y004H	3.55	82.86	0.00	0.0024	132	3.00	5.11	3.00	5.09
S-05D	POST	FDOT100Y004H	3.53	82.89	0.00	-0.0027	124	3.34	4.11	3.35	4.10
S-05F	POST	FDOT100Y004H	3.81	82.75	0.00	-0.0018	120	5.43	1.26	5.43	1.26
S-08A	POST	FDOT100Y004H	3.40	84.68	0.00	-0.0018	119	4.23	4.21	4.23	4.22
S-08B	POST	FDOT100Y004H	3.50	84.71	0.00	-0.0043	119	4.27	4.19	4.27	4.20
S-08C	POST	FDOT100Y004H	3.26	84.67	0.00	0.0053	141	2.16	15.98	2.16	15.93
S-08D	POST	FDOT100Y004H	3.14	84.69	0.00	0.0051	151	2.16	15.78	2.16	15.73
S-08E	POST	FDOT100Y004H	3.05	84.72	0.00	-0.0060	139	2.17	13.87	2.17	13.83
S-09A	POST	FDOT100Y004H	3.62	84.76	0.00	-0.0060	124	3.03	5.32	2.00	4.36
S-17A	POST	FDOT100Y004H	3.47	84.22	0.00	-0.0021	142	3.01	5.49	3.00	5.29
S-17B	POST	FDOT100Y004H	3.48	84.26	0.00	0.0050	136	3.55	4.24	3.56	4.24
S-17C	POST	FDOT100Y004H	3.49	84.28	0.00	-0.0055	124	3.77	3.87	3.78	3.87
SMF-01	POST	FDOT100Y004H	3.43	85.49	0.00	0.0002	102756	2.17	31.64	3.43	11.64
SMF-02	POST	FDOT100Y004H	3.04	85.39	0.00	0.0005	30509	2.17	24.39	3.04	17.35
SMF-03	POST	FDOT100Y004H	3.32	84.32	0.00	0.0004	80287	2.51	43.88	3.32	22.65
SMF-04	POST	FDOT100Y004H	3.15	84.41	0.00	0.0004	29954	2.01	53.72	2.53	38.99
SMF-05	POST	FDOT100Y004H	3.77	82.74	0.00	0.0002	36146	2.50	9.36	3.77	6.13
SMF-06	POST	FDOT100Y004H	3.92	82.76	0.00	0.0002	38546	2.17	7.06	5.43	1.26
SMF-07	POST	FDOT100Y004H	3.53	82.99	0.00	0.0002	38938	2.50	11.93	3.38	3.89
SMF-08	POST	FDOT100Y004H	3.33	84.66	0.00	0.0002	67238	2.15	22.60	3.33	8.31
SMF-09	POST	FDOT100Y004H	3.63	84.75	0.00	0.0002	33119	2.00	7.94	4.32	4.18
SMF-10	POST	FDOT100Y004H	3.64	84.76	0.00	0.0002	34466	2.00	7.52	4.33	2.11
SMF-11	POST	FDOT100Y004H	3.03	84.74	0.00	0.0004	10660	2.17	18.32	2.57	16.69
SMF-12	POST	FDOT100Y004H	4.13	84.50	0.00	0.0001	28638	2.50	2.61	4.13	0.19
SMF-13	POST	FDOT100Y004H	3.68	82.45	0.00	0.0001	79110	2.50	14.54	3.68	3.58
SMF-14	POST	FDOT100Y004H	3.44	83.77	0.00	0.0003	55696	2.50	24.21	3.44	10.39
SMF-15	POST	FDOT100Y004H	3.95	84.14	0.00	0.0001	90907	2.17	18.54	3.95	2.43
SMF-16	POST	FDOT100Y004H	3.55	84.78	0.00	0.0002	125241	2.50	43.46	3.55	13.50
SMF-17	POST	FDOT100Y004H	3.49	84.18	0.00	0.0010	12023	3.00	7.07	3.49	5.88
SMF-19	POST	FDOT100Y004H	3.49	84.30	0.00	0.0003	29209	2.50	10.43	3.81	3.81
SMF-20	POST	FDOT100Y004H	3.34	86.76	0.00	0.0001	15214	2.50	2.60	3.34	0.83
WET-01-PRE	PRE	FDOT100Y004H	4.61	81.45	0.00	0.0003	327421	2.50	70.23	4.61	2.60
WET-01-PST	POST	FDOT100Y004H	4.03	80.80	0.00	0.0003	255394	2.00	40.97	4.03	5.11
WET-02-PRE	PRE	FDOT100Y004H	6.33	80.35	0.00	0.0002	123650	2.50	25.78	0.00	0.00
WET-02-PST	POST	FDOT100Y004H	5.08	80.76	0.00	0.0001	130838	2.00	16.27	10.32	1.13
WET-03-PRE	PRE	FDOT100Y004H	6.00	82.44	0.00	0.0003	68015	2.67	24.86	0.00	0.00
WET-04-PRE	PRE	FDOT100Y004H	6.12	79.76	0.00	0.0004	471366	2.50	82.14	6.03	0.36
WET-04-PST	POST	FDOT100Y004H	20.98	79.94	0.00	0.0004	490017	3.00	67.50	20.98	1.85
WET-05-PRE	PRE	FDOT100Y004H	30.00	80.59	0.00	0.0002	120172	2.50	33.46	0.00	0.00
WET-05-PST	POST	FDOT100Y004H	20.96	79.94	0.00	0.0001	117432	2.00	12.85	2.88	1.35
WET-06-PRE	PRE	FDOT100Y004H	3.49	85.06	0.00	0.0007	24008	2.50	7.61	3.49	3.65
WET-07-PRE	PRE	FDOT100Y004H	5.83	79.56	0.00	0.0001	254567	2.67	15.13	0.00	0.00
WET-07-PST	POST	FDOT100Y004H	4.83	78.84	0.00	0.0000	173406	2.50	4.38	0.00	0.00
WET-08-PRE	PRE	FDOT100Y004H	7.33	79.08	0.00	0.0001	163731	3.00	9.03	0.00	0.00
WET-08-PST	POST	FDOT100Y004H	30.00	79.99	0.00	0.0001	191436	3.50	14.03	0.00	0.00

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y008H	7.08	80.03	0.00	0.0001	95947	4.00	8.47	7.08	1.00
COMP-02	POST	FDOT100Y008H	30.00	79.95	0.00	0.0001	108033	4.00	11.03	0.00	0.00
OUT-01-PRE	PRE	FDOT100Y008H	0.00	79.50	0.00	0.0000	1	4.17	75.22	0.00	0.00
OUT-01-PST	POST	FDOT100Y008H	0.00	79.50	0.00	0.0000	47	5.00	43.84	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y008H	0.00	78.50	0.00	0.0000	0	4.00	12.97	0.00	0.00
OUT-02-PST	POST	FDOT100Y008H	0.00	78.50	0.00	0.0000	0	4.00	2.11	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y008H	0.00	76.50	0.00	0.0000	1	4.00	2.57	0.00	0.00
OUT-03-PST	POST	FDOT100Y008H	0.00	76.50	0.00	0.0000	0	13.11	4.58	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y008H	0.00	78.50	0.00	0.0000	2	4.00	24.72	0.00	0.00
OUT-04-PST	POST	FDOT100Y008H	0.00	78.50	0.00	0.0000	0	5.04	10.08	0.00	0.00
S-04A	POST	FDOT100Y008H	5.13	84.55	0.00	0.0402	139	4.00	51.78	4.00	51.69
S-04B	POST	FDOT100Y008H	5.00	84.56	0.00	-0.0254	164	4.00	48.26	4.00	48.15
S-04C	POST	FDOT100Y008H	4.01	84.81	0.00	0.0277	169	4.00	46.83	4.00	46.70
S-04D	POST	FDOT100Y008H	4.00	85.39	0.00	0.0074	135	4.00	33.45	4.00	33.35
S-04E	POST	FDOT100Y008H	4.00	85.75	0.00	0.0067	126	4.00	23.71	4.00	23.60
S-05A	POST	FDOT100Y008H	5.39	82.85	0.00	0.0026	135	4.01	6.43	4.01	6.39
S-05B	POST	FDOT100Y008H	5.28	82.89	0.00	-0.0024	143	4.57	5.17	4.57	5.16
S-05C	POST	FDOT100Y008H	5.24	82.94	0.00	0.0024	132	4.57	5.09	4.57	5.08
S-05D	POST	FDOT100Y008H	5.26	82.98	0.00	-0.0027	124	5.34	4.11	5.34	4.11
S-05F	POST	FDOT100Y008H	5.77	82.83	0.00	-0.0018	120	7.57	1.55	7.57	1.55
S-08A	POST	FDOT100Y008H	5.19	84.74	0.00	-0.0036	119	6.00	4.85	6.00	4.86
S-08B	POST	FDOT100Y008H	5.24	84.77	0.00	-0.0043	119	6.03	4.68	6.03	4.68
S-08C	POST	FDOT100Y008H	5.19	84.70	0.00	0.0056	141	3.75	16.01	3.75	15.96
S-08D	POST	FDOT100Y008H	5.06	84.70	0.00	-0.0041	151	3.74	15.78	3.75	15.73
S-08E	POST	FDOT100Y008H	4.18	84.76	0.00	-0.0045	139	3.73	13.60	3.73	13.55
S-09A	POST	FDOT100Y008H	5.30	84.84	0.00	-0.0055	124	4.00	4.85	4.00	4.81
S-17A	POST	FDOT100Y008H	5.18	84.29	0.00	-0.0023	142	5.00	5.90	5.00	5.90
S-17B	POST	FDOT100Y008H	5.21	84.35	0.00	-0.0062	136	1.91	7.24	5.36	4.80
S-17C	POST	FDOT100Y008H	5.23	84.36	0.00	0.0070	124	5.38	4.37	1.91	7.24
SMF-01	POST	FDOT100Y008H	5.22	85.53	0.00	0.0002	103038	4.00	36.46	5.22	12.44
SMF-02	POST	FDOT100Y008H	4.32	85.43	0.00	0.0005	30639	4.00	28.42	4.32	18.29
SMF-03	POST	FDOT100Y008H	5.14	84.38	0.00	0.0004	80747	4.01	51.56	5.14	24.21
SMF-04	POST	FDOT100Y008H	5.05	84.47	0.00	0.0006	30157	4.00	63.54	4.03	45.79
SMF-05	POST	FDOT100Y008H	5.47	82.81	0.00	0.0002	36561	4.00	10.91	5.47	7.00
SMF-06	POST	FDOT100Y008H	6.11	82.85	0.00	0.0002	38885	4.00	8.25	7.58	1.49
SMF-07	POST	FDOT100Y008H	5.32	83.07	0.00	0.0002	39316	4.00	13.89	5.34	3.95
SMF-08	POST	FDOT100Y008H	5.16	84.69	0.00	0.0002	67407	4.00	23.45	5.16	8.93
SMF-09	POST	FDOT100Y008H	5.32	84.83	0.00	0.0002	33395	4.00	8.81	6.15	4.51
SMF-10	POST	FDOT100Y008H	5.32	84.85	0.00	0.0002	34755	4.00	8.39	6.33	2.06
SMF-11	POST	FDOT100Y008H	4.13	84.83	0.00	0.0004	10856	4.00	21.18	4.09	19.54
SMF-12	POST	FDOT100Y008H	7.13	84.57	0.00	0.0001	28858	4.00	3.15	7.13	0.39
SMF-13	POST	FDOT100Y008H	5.37	82.50	0.00	0.0001	79562	4.00	17.16	5.37	4.13
SMF-14	POST	FDOT100Y008H	5.20	83.80	0.00	0.0003	55937	4.00	27.68	5.20	10.83
SMF-15	POST	FDOT100Y008H	7.03	84.24	0.00	0.0002	91585	4.00	21.43	7.03	2.89
SMF-16	POST	FDOT100Y008H	5.29	84.85	0.00	0.0002	125968	4.00	50.87	5.29	15.12
SMF-17	POST	FDOT100Y008H	5.20	84.24	0.00	-0.0005	12156	4.06	7.42	5.20	6.76
SMF-19	POST	FDOT100Y008H	5.26	84.39	0.00	0.0003	29580	4.00	12.26	5.39	4.29
SMF-20	POST	FDOT100Y008H	5.18	86.79	0.00	0.0001	15284	4.00	3.18	5.18	0.98
WET-01-PRE	PRE	FDOT100Y008H	8.20	81.74	0.00	0.0012	354810	4.00	80.53	8.20	4.32
WET-01-PST	POST	FDOT100Y008H	8.10	80.98	0.00	0.0012	268698	4.00	49.08	8.10	6.70
WET-02-PRE	PRE	FDOT100Y008H	10.25	80.73	0.00	0.0003	130415	4.00	29.57	0.00	0.00
WET-02-PST	POST	FDOT100Y008H	8.13	80.98	0.00	0.0001	134774	4.00	18.04	12.47	1.56
WET-03-PRE	PRE	FDOT100Y008H	10.00	83.21	0.00	0.0004	71383	4.17	27.66	0.00	0.00
WET-04-PRE	PRE	FDOT100Y008H	9.12	80.08	0.00	0.0014	499820	4.00	92.79	9.00	1.57
WET-04-PST	POST	FDOT100Y008H	13.11	80.30	0.00	0.0014	508369	4.00	69.51	13.11	4.58
WET-05-PRE	PRE	FDOT100Y008H	30.00	81.24	0.00	0.0002	123026	4.00	38.03	0.00	0.00
WET-05-PST	POST	FDOT100Y008H	13.10	80.30	0.00	0.0002	118982	4.00	14.57	4.32	1.38
WET-06-PRE	PRE	FDOT100Y008H	5.01	85.07	0.00	0.0007	25088	4.00	8.46	5.01	4.43
WET-07-PRE	PRE	FDOT100Y008H	9.83	79.73	0.00	0.0001	265219	4.17	17.11	0.00	0.00
WET-07-PST	POST	FDOT100Y008H	8.83	78.90	0.00	0.0000	176556	4.00	5.30	0.00	0.00
WET-08-PRE	PRE	FDOT100Y008H	11.42	79.27	0.00	0.0001	169548	4.33	9.28	0.00	0.00
WET-08-PST	POST	FDOT100Y008H	13.12	80.06	0.00	0.0001	194761	5.22	15.72	13.12	1.51

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y024H	15.23	80.04	0.00	0.0000	95991	12.00	2.85	15.23	1.63
COMP-02	POST	FDOT100Y024H	21.03	80.15	0.00	0.0000	110230	19.00	9.82	21.03	8.76
OUT-01-PRE	PRE	FDOT100Y024H	0.00	79.50	0.00	0.0000	1	12.17	33.56	0.00	0.00
OUT-01-PST	POST	FDOT100Y024H	0.00	79.50	0.00	0.0000	47	15.00	33.47	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y024H	0.00	78.50	0.00	0.0000	0	12.00	4.60	0.00	0.00
OUT-02-PST	POST	FDOT100Y024H	0.00	78.50	0.00	0.0000	0	12.00	0.75	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y024H	0.00	76.50	0.00	0.0000	1	22.18	5.09	0.00	0.00
OUT-03-PST	POST	FDOT100Y024H	0.00	76.50	0.00	0.0000	0	24.00	11.33	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y024H	0.00	78.50	0.00	0.0000	2	12.08	9.96	0.00	0.00
OUT-04-PST	POST	FDOT100Y024H	0.00	78.50	0.00	0.0000	0	16.00	8.21	0.00	0.00
S-04A	POST	FDOT100Y024H	13.10	84.10	0.00	-0.0421	139	12.09	44.39	12.07	20.64
S-04B	POST	FDOT100Y024H	13.18	84.19	0.00	0.0369	164	12.07	17.30	16.07	43.27
S-04C	POST	FDOT100Y024H	13.14	84.19	0.00	-0.0195	169	12.07	15.94	12.07	16.79
S-04D	POST	FDOT100Y024H	13.14	84.24	0.00	0.0081	135	12.00	11.19	11.44	11.59
S-04E	POST	FDOT100Y024H	13.08	84.26	0.00	0.0056	126	12.00	7.89	11.44	7.99
S-05A	POST	FDOT100Y024H	16.03	82.79	0.00	0.0026	135	15.01	3.93	15.01	3.93
S-05B	POST	FDOT100Y024H	16.00	82.81	0.00	-0.0024	143	15.08	3.54	15.08	3.54
S-05C	POST	FDOT100Y024H	16.00	82.84	0.00	0.0024	132	15.08	3.49	15.08	3.49
S-05D	POST	FDOT100Y024H	15.56	82.86	0.00	-0.0027	124	15.42	2.93	15.42	2.93
S-05F	POST	FDOT100Y024H	16.10	82.80	0.00	-0.0018	120	17.06	1.57	17.06	1.57
S-08A	POST	FDOT100Y024H	15.10	84.63	0.00	-0.0017	119	15.67	4.36	15.67	4.36
S-08B	POST	FDOT100Y024H	15.11	84.67	0.00	-0.0042	119	15.66	4.16	15.66	4.16
S-08C	POST	FDOT100Y024H	15.10	84.58	0.00	0.0052	141	11.38	5.55	11.38	5.54
S-08D	POST	FDOT100Y024H	15.06	84.58	0.00	0.0052	151	10.76	5.48	10.76	5.46
S-08E	POST	FDOT100Y024H	15.04	84.59	0.00	-0.0060	139	10.75	4.90	10.76	4.89
S-09A	POST	FDOT100Y024H	15.15	84.73	0.00	-0.0050	124	12.03	3.58	15.00	3.20
S-17A	POST	FDOT100Y024H	15.18	84.08	0.00	-0.0036	142	15.00	4.17	15.00	4.17
S-17B	POST	FDOT100Y024H	15.19	84.11	0.00	0.0059	136	23.51	3.75	15.33	3.35
S-17C	POST	FDOT100Y024H	15.21	84.12	0.00	-0.0059	124	15.36	2.91	27.05	3.70
SMF-01	POST	FDOT100Y024H	13.40	85.33	0.00	0.0000	101490	12.00	12.57	13.40	8.26
SMF-02	POST	FDOT100Y024H	12.32	84.94	0.00	0.0001	28995	12.00	9.81	12.32	8.05
SMF-03	POST	FDOT100Y024H	13.28	84.03	0.00	0.0001	78185	12.01	20.62	13.28	15.90
SMF-04	POST	FDOT100Y024H	13.13	84.07	0.00	0.0002	28780	12.07	24.76	12.02	18.64
SMF-05	POST	FDOT100Y024H	16.09	82.77	0.00	0.0000	36297	15.01	6.68	16.09	6.44
SMF-06	POST	FDOT100Y024H	16.15	82.83	0.00	0.0000	38814	12.00	2.79	17.04	1.47
SMF-07	POST	FDOT100Y024H	15.48	82.90	0.00	0.0001	38558	12.00	4.85	15.42	2.76
SMF-08	POST	FDOT100Y024H	15.12	84.57	0.00	0.0000	66819	15.00	10.25	15.12	6.86
SMF-09	POST	FDOT100Y024H	15.19	84.72	0.00	0.0001	33021	15.00	4.04	15.66	3.96
SMF-10	POST	FDOT100Y024H	15.17	84.74	0.00	0.0001	34381	12.00	2.79	16.25	1.75
SMF-11	POST	FDOT100Y024H	15.04	84.59	0.00	0.0001	10334	12.00	7.28	12.09	6.83
SMF-12	POST	FDOT100Y024H	16.27	84.60	0.00	0.0000	28957	12.00	1.08	16.27	0.53
SMF-13	POST	FDOT100Y024H	15.35	82.44	0.00	0.0000	79077	12.00	6.00	15.35	3.54
SMF-14	POST	FDOT100Y024H	13.34	83.49	0.00	0.0001	53532	12.00	9.80	13.34	6.76
SMF-15	POST	FDOT100Y024H	19.09	84.30	0.00	0.0000	91970	12.00	7.36	19.09	3.18
SMF-16	POST	FDOT100Y024H	15.20	84.67	0.00	0.0001	124156	12.00	17.77	15.20	11.21
SMF-17	POST	FDOT100Y024H	15.19	84.05	0.00	0.0011	11761	15.00	4.83	15.19	4.76
SMF-19	POST	FDOT100Y024H	15.23	84.13	0.00	0.0001	28532	12.00	4.37	15.37	2.82
SMF-20	POST	FDOT100Y024H	15.16	86.72	0.00	0.0000	15126	12.00	1.03	15.16	0.64
WET-01-PRE	PRE	FDOT100Y024H	21.78	82.12	0.00	0.0006	385274	12.00	29.07	21.78	7.03
WET-01-PST	POST	FDOT100Y024H	21.20	81.23	0.00	0.0007	290366	12.00	18.61	21.20	9.17
WET-02-PRE	PRE	FDOT100Y024H	26.25	81.58	0.00	0.0003	137548	12.00	10.75	0.00	0.00
WET-02-PST	POST	FDOT100Y024H	21.23	81.25	0.00	0.0001	136138	12.00	6.08	25.74	2.13
WET-03-PRE	PRE	FDOT100Y024H	24.62	84.86	0.00	0.0001	98761	12.08	10.99	24.62	0.43
WET-04-PRE	PRE	FDOT100Y024H	23.21	80.63	0.00	0.0008	521496	12.00	36.02	23.04	4.92
WET-04-PST	POST	FDOT100Y024H	24.23	81.12	0.00	0.0008	539013	13.00	40.62	24.23	11.29
WET-05-PRE	PRE	FDOT100Y024H	30.00	82.70	0.00	0.0001	132410	12.00	14.07	0.00	0.00
WET-05-PST	POST	FDOT100Y024H	24.23	81.12	0.00	0.0001	122512	12.00	4.92	30.00	1.24
WET-06-PRE	PRE	FDOT100Y024H	12.86	85.04	0.00	0.0002	22185	12.00	3.13	12.86	2.45
WET-07-PRE	PRE	FDOT100Y024H	26.00	80.12	0.00	0.0000	303718	12.08	7.62	0.00	0.00
WET-07-PST	POST	FDOT100Y024H	30.00	79.83	0.00	0.0000	262415	21.00	9.47	0.00	0.00
WET-08-PRE	PRE	FDOT100Y024H	27.50	79.74	0.00	0.0000	183689	12.17	4.95	0.00	0.00
WET-08-PST	POST	FDOT100Y024H	19.70	80.19	0.00	0.0000	201366	15.08	11.75	19.70	8.44

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
COMP-01	POST	FDOT100Y072H	60.01	80.05	0.00	0.0000	96030	60.00	2.27	60.01	2.27
COMP-02	POST	FDOT100Y072H	72.00	80.47	0.00	0.0000	113006	60.41	14.42	60.71	14.29
OUT-01-PRE	PRE	FDOT100Y072H	0.00	79.50	0.00	0.0000	1	60.00	39.27	0.00	0.00
OUT-01-PST	POST	FDOT100Y072H	0.00	79.50	0.00	0.0000	47	60.00	37.62	0.00	0.00
OUT-02-PRE	PRE	FDOT100Y072H	0.00	78.50	0.00	0.0000	0	60.00	3.57	0.00	0.00
OUT-02-PST	POST	FDOT100Y072H	0.00	78.50	0.00	0.0000	0	60.00	0.69	0.00	0.00
OUT-03-PRE	PRE	FDOT100Y072H	0.00	76.50	0.00	0.0000	1	65.64	9.48	0.00	0.00
OUT-03-PST	POST	FDOT100Y072H	0.00	76.50	0.00	0.0000	0	66.34	18.54	0.00	0.00
OUT-04-PRE	PRE	FDOT100Y072H	0.00	78.50	0.00	0.0000	2	60.00	9.07	0.00	0.00
OUT-04-PST	POST	FDOT100Y072H	0.00	78.50	0.00	0.0000	0	60.38	8.76	0.00	0.00
S-04A	POST	FDOT100Y072H	60.14	84.21	0.00	0.0355	139	59.99	17.48	9.05	32.02
S-04B	POST	FDOT100Y072H	60.09	84.19	0.00	-0.0253	164	59.99	25.59	59.99	16.56
S-04C	POST	FDOT100Y072H	60.13	84.27	0.00	0.0280	169	59.77	14.43	59.99	25.20
S-04D	POST	FDOT100Y072H	60.08	84.29	0.00	-0.0121	135	59.77	10.10	59.77	11.02
S-04E	POST	FDOT100Y072H	60.04	84.32	0.00	0.0068	126	60.00	6.77	59.77	7.61
S-05A	POST	FDOT100Y072H	60.53	82.82	0.00	0.0026	135	60.00	4.25	60.00	4.25
S-05B	POST	FDOT100Y072H	60.50	82.84	0.00	-0.0024	143	60.16	3.78	60.17	3.78
S-05C	POST	FDOT100Y072H	60.47	82.87	0.00	0.0024	132	60.18	3.72	60.19	3.72
S-05D	POST	FDOT100Y072H	60.48	82.90	0.00	-0.0027	124	60.64	3.07	60.65	3.07
S-05F	POST	FDOT100Y072H	60.67	82.82	0.00	-0.0018	120	61.80	1.60	61.80	1.60
S-08A	POST	FDOT100Y072H	60.24	84.64	0.00	-0.0018	119	60.78	4.41	60.78	4.41
S-08B	POST	FDOT100Y072H	60.31	84.68	0.00	-0.0042	119	60.94	4.24	60.94	4.24
S-08C	POST	FDOT100Y072H	60.17	84.60	0.00	-0.0055	141	58.62	5.13	58.49	4.37
S-08D	POST	FDOT100Y072H	60.08	84.60	0.00	0.0051	151	59.04	5.33	58.62	5.07
S-08E	POST	FDOT100Y072H	60.06	84.62	0.00	-0.0060	139	58.64	4.05	58.50	4.79
S-09A	POST	FDOT100Y072H	60.40	84.75	0.00	-0.0050	124	60.00	3.27	60.00	3.27
S-17A	POST	FDOT100Y072H	60.38	84.13	0.00	0.0015	142	60.07	4.43	60.09	4.43
S-17B	POST	FDOT100Y072H	60.40	84.16	0.00	-0.0062	136	8.89	7.24	60.55	3.51
S-17C	POST	FDOT100Y072H	60.41	84.17	0.00	0.0070	124	60.84	3.07	8.89	7.24
SMF-01	POST	FDOT100Y072H	60.23	85.34	0.00	0.0000	101591	60.00	9.42	60.23	8.52
SMF-02	POST	FDOT100Y072H	60.08	84.89	0.00	0.0001	28821	60.00	7.49	60.08	7.22
SMF-03	POST	FDOT100Y072H	60.23	84.09	0.00	-0.0001	78566	60.00	18.22	60.23	17.06
SMF-04	POST	FDOT100Y072H	60.14	84.12	0.00	0.0006	28975	9.05	32.22	60.01	16.76
SMF-05	POST	FDOT100Y072H	60.59	82.79	0.00	0.0000	36455	60.00	7.22	60.59	6.78
SMF-06	POST	FDOT100Y072H	60.78	82.85	0.00	0.0000	38895	60.00	2.10	61.79	1.49
SMF-07	POST	FDOT100Y072H	60.53	82.95	0.00	0.0000	38755	60.00	3.72	60.80	2.90
SMF-08	POST	FDOT100Y072H	60.19	84.59	0.00	0.0000	66911	60.00	10.43	60.19	7.17
SMF-09	POST	FDOT100Y072H	60.42	84.74	0.00	0.0000	33077	60.00	4.22	61.00	4.08
SMF-10	POST	FDOT100Y072H	60.42	84.76	0.00	0.0000	34437	60.00	2.01	61.00	1.85
SMF-11	POST	FDOT100Y072H	60.03	84.61	0.00	-0.0001	10384	60.00	5.50	58.77	7.95
SMF-12	POST	FDOT100Y072H	60.41	84.63	0.00	0.0000	29081	60.00	0.88	60.41	0.72
SMF-13	POST	FDOT100Y072H	60.43	82.47	0.00	0.0000	79352	60.00	4.73	60.43	3.87
SMF-14	POST	FDOT100Y072H	60.21	83.50	0.00	0.0001	53559	60.00	7.47	60.21	6.80
SMF-15	POST	FDOT100Y072H	64.01	84.31	0.00	0.0000	91977	60.00	5.57	64.01	3.18
SMF-16	POST	FDOT100Y072H	60.28	84.71	0.00	0.0000	124586	60.00	13.74	60.28	12.10
SMF-17	POST	FDOT100Y072H	60.40	84.10	0.00	-0.0005	11851	60.00	5.23	60.40	5.05
SMF-19	POST	FDOT100Y072H	60.43	84.18	0.00	0.0001	28733	60.00	3.53	60.90	2.99
SMF-20	POST	FDOT100Y072H	60.09	86.76	0.00	0.0000	15233	60.00	0.91	60.09	0.87
WET-01-PRE	PRE	FDOT100Y072H	64.87	82.57	0.00	0.0003	424562	60.00	27.96	64.87	10.43
WET-01-PST	POST	FDOT100Y072H	64.59	81.29	0.00	0.0003	295570	60.00	17.47	64.59	9.81
WET-02-PRE	PRE	FDOT100Y072H	72.00	82.62	0.00	0.0001	142072	60.00	8.09	0.00	0.00
WET-02-PST	POST	FDOT100Y072H	64.64	81.31	0.00	0.0000	136407	60.00	5.22	68.05	2.24
WET-03-PRE	PRE	FDOT100Y072H	60.56	85.09	0.00	0.0001	107816	60.00	9.33	60.56	7.38
WET-04-PRE	PRE	FDOT100Y072H	65.91	81.22	0.00	0.0004	545357	60.00	27.96	65.78	9.31
WET-04-PST	POST	FDOT100Y072H	66.34	81.74	0.00	0.0004	555038	60.00	44.58	66.34	18.46
WET-05-PRE	PRE	FDOT100Y072H	64.00	83.59	0.00	0.0001	140151	60.00	13.17	64.00	7.58
WET-05-PST	POST	FDOT100Y072H	66.61	81.74	0.00	0.0001	125195	60.00	3.89	72.00	1.77
WET-06-PRE	PRE	FDOT100Y072H	60.00	85.04	0.00	0.0001	22085	60.00	2.39	60.00	2.39
WET-07-PRE	PRE	FDOT100Y072H	72.00	80.55	0.00	0.0000	378261	60.00	8.48	0.00	0.00
WET-07-PST	POST	FDOT100Y072H	72.00	80.47	0.00	0.0000	350482	60.47	15.52	0.00	0.00
WET-08-PRE	PRE	FDOT100Y072H	72.00	80.38	0.00	0.0000	211774	60.00	6.31	0.00	0.00
WET-08-PST	POST	FDOT100Y072H	72.00	80.47	0.00	0.0000	216405	60.19	12.78	60.86	12.21

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CS-01	POST	HYDRA-010	13.30	4.87	0.001	13.30	85.13	13.00	81.60
CS-02	POST	HYDRA-010	12.72	8.50	0.003	12.72	84.97	18.63	81.49
CS-03	POST	HYDRA-010	13.21	8.83	0.003	13.21	83.68	37.28	79.92
CS-05	POST	HYDRA-010	14.31	2.88	0.001	14.31	82.44	37.28	79.92
CS-08	POST	HYDRA-010	13.99	3.46	0.001	13.99	84.34	13.00	81.60
CS-11	POST	HYDRA-010	12.28	5.05	0.006	12.28	84.61	13.00	81.60
CS-12	POST	HYDRA-010	18.71	0.12	0.000	18.71	84.37	18.80	81.49
CS-13	POST	HYDRA-010	14.60	1.39	0.000	14.60	82.19	37.28	79.92
CS-14	POST	HYDRA-010	13.25	4.40	0.001	13.25	83.28	37.28	79.92
CS-15	POST	HYDRA-010	15.76	1.28	0.000	15.76	83.84	13.00	80.00
CS-16	POST	HYDRA-010	13.90	5.08	0.001	13.90	84.33	48.00	79.99
CS-17	POST	HYDRA-010	13.65	2.41	0.000	13.65	83.64	13.00	80.00
CS-20	POST	HYDRA-010	15.28	0.07	0.000	15.28	86.55	12.08	85.20
CULV-01-PST	POST	HYDRA-010	22.52	5.97	0.090	18.63	81.49	13.00	81.60
CULV-02-PST	POST	HYDRA-010	24.14	1.53	0.047	18.80	81.49	18.63	81.49
CULV-04-PST	POST	HYDRA-010	37.28	1.75	0.000	37.28	79.92	13.00	79.20
CULV-05-PST	POST	HYDRA-010	13.12	0.90	0.043	37.28	79.92	37.28	79.92
CULV-07-PST	POST	HYDRA-010	0.00	0.00	0.000	25.00	78.84	13.00	80.00
CULV-08-PST	POST	HYDRA-010	0.00	0.00	0.000	48.00	79.99	25.00	78.84
PIPE-04A	POST	HYDRA-010	12.02	58.67	-20.721	13.10	83.77	13.15	83.69
PIPE-04B	POST	HYDRA-010	12.02	54.85	22.542	13.04	83.71	13.10	83.77
PIPE-04C	POST	HYDRA-010	12.01	53.32	-17.198	12.09	84.05	13.04	83.71
PIPE-04D	POST	HYDRA-010	12.01	38.82	7.113	12.08	84.77	12.09	84.05
PIPE-04E	POST	HYDRA-010	12.00	28.33	-4.451	12.08	85.20	12.08	84.77
PIPE-05A	POST	HYDRA-010	12.20	5.13	-1.276	14.23	82.44	14.31	82.44
PIPE-05B	POST	HYDRA-010	12.35	4.11	-1.240	14.16	82.45	14.23	82.44
PIPE-05C	POST	HYDRA-010	12.36	4.02	-1.294	14.08	82.45	14.16	82.45
PIPE-05D	POST	HYDRA-010	12.67	3.13	1.971	13.80	82.46	14.08	82.45
PIPE-05F	POST	HYDRA-010	15.58	0.74	-0.329	14.49	82.44	14.31	82.44
PIPE-08A	POST	HYDRA-010	14.57	1.91	0.951	14.08	84.35	13.99	84.34
PIPE-08B	POST	HYDRA-010	14.68	1.83	1.153	14.12	84.36	14.08	84.35
PIPE-08C	POST	HYDRA-010	12.13	17.14	-4.173	13.82	84.34	13.99	84.34
PIPE-08D	POST	HYDRA-010	12.13	16.92	2.093	13.76	84.36	13.82	84.34
PIPE-08E	POST	HYDRA-010	12.18	15.08	-2.819	12.31	84.50	13.76	84.36
PIPE-09A	POST	HYDRA-010	12.08	5.99	1.974	14.18	84.37	14.18	84.37
PIPE-17A	POST	HYDRA-010	12.08	3.27	0.857	13.63	83.65	13.65	83.64
PIPE-17B	POST	HYDRA-010	24.90	2.07	-1.852	13.64	83.66	13.63	83.65
PIPE-17C	POST	HYDRA-010	8.54	7.24	4.674	13.65	83.66	13.64	83.66
PIPE-SMF-04	POST	HYDRA-010	12.11	46.92	0.871	13.15	83.69	13.21	83.68
PIPE-SMF-06	POST	HYDRA-010	15.74	0.70	-0.516	14.61	82.45	14.49	82.44
PIPE-SMF-07	POST	HYDRA-010	12.73	2.95	-0.786	12.99	82.50	13.80	82.46
PIPE-SMF-09	POST	HYDRA-010	14.75	1.75	-0.834	14.18	84.37	14.12	84.36
PIPE-SMF-10	POST	HYDRA-010	18.73	1.03	-1.592	14.18	84.37	14.18	84.37
PIPE-SMF-11	POST	HYDRA-010	12.20	13.60	2.959	12.28	84.61	12.31	84.50
PIPE-SMF-19	POST	HYDRA-010	24.33	2.05	-1.659	13.66	83.66	13.65	83.66
WEIR-COMP-01	POST	HYDRA-010	12.01	4.79	1.324	13.01	81.60	13.00	81.60
WEIR-COMP-02A	POST	HYDRA-010	0.00	0.00	0.000	48.00	79.99	24.50	79.05
WEIR-COMP-02B	POST	HYDRA-010	0.00	0.00	0.000	24.50	79.05	25.00	78.84
CS-01	POST	HYDRA-025	12.87	11.93	0.005	12.87	85.51	13.00	82.60
CS-02	POST	HYDRA-025	12.49	21.48	0.013	12.49	85.55	17.17	82.44
CS-03	POST	HYDRA-025	12.76	23.22	0.010	12.76	84.34	24.74	80.48
CS-05	POST	HYDRA-025	13.67	6.16	0.002	13.67	82.74	24.74	80.48
CS-08	POST	HYDRA-025	12.80	7.97	0.003	12.80	84.64	13.00	82.60
CS-11	POST	HYDRA-025	12.23	14.58	0.014	12.23	85.09	13.00	82.60
CS-12	POST	HYDRA-025	15.72	0.26	0.000	15.72	84.53	18.64	82.43
CS-13	POST	HYDRA-025	13.17	3.54	0.001	13.17	82.44	24.74	80.48
CS-14	POST	HYDRA-025	12.89	10.74	0.005	12.89	83.79	24.74	80.48
CS-15	POST	HYDRA-025	14.32	2.50	0.001	14.32	84.16	13.00	80.60
CS-16	POST	HYDRA-025	12.99	13.52	0.006	12.99	84.78	23.15	80.09
CS-17	POST	HYDRA-025	12.92	5.95	0.002	12.92	84.18	13.00	80.60
CS-20	POST	HYDRA-025	12.66	1.16	0.020	12.66	86.82	12.02	87.96
CULV-01-PST	POST	HYDRA-025	22.54	9.30	0.136	17.17	82.44	13.00	82.60

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CULV-02-PST	POST	HYDRA-025	23.68	2.30	0.563	18.64	82.43	17.17	82.44
CULV-04-PST	POST	HYDRA-025	24.53	6.18	0.002	24.74	80.48	13.00	80.20
CULV-05-PST	POST	HYDRA-025	12.45	1.47	-0.060	24.80	80.48	24.74	80.48
CULV-07-PST	POST	HYDRA-025	0.00	0.00	0.000	48.00	79.20	13.00	80.60
CULV-08-PST	POST	HYDRA-025	0.00	0.00	0.000	23.15	80.09	48.00	79.20
PIPE-04A	POST	HYDRA-025	12.01	81.96	-20.794	12.20	84.67	12.41	84.47
PIPE-04B	POST	HYDRA-025	12.01	76.35	22.542	12.09	85.02	12.20	84.67
PIPE-04C	POST	HYDRA-025	12.01	74.10	-16.498	12.09	85.80	12.09	85.02
PIPE-04D	POST	HYDRA-025	12.01	52.87	7.113	12.08	87.11	12.09	85.80
PIPE-04E	POST	HYDRA-025	12.00	37.56	-4.480	12.02	87.96	12.08	87.11
PIPE-05A	POST	HYDRA-025	12.21	7.24	0.760	13.52	82.77	13.67	82.74
PIPE-05B	POST	HYDRA-025	12.39	5.74	-1.106	13.28	82.81	13.52	82.77
PIPE-05C	POST	HYDRA-025	12.44	5.62	1.328	13.09	82.86	13.28	82.81
PIPE-05D	POST	HYDRA-025	12.79	4.65	-1.594	13.02	82.91	13.09	82.86
PIPE-05F	POST	HYDRA-025	15.50	1.37	-0.159	13.78	82.75	13.67	82.74
PIPE-08A	POST	HYDRA-025	13.92	4.16	0.962	12.87	84.66	12.80	84.64
PIPE-08B	POST	HYDRA-025	13.92	4.02	1.147	12.98	84.68	12.87	84.66
PIPE-08C	POST	HYDRA-025	12.09	19.99	-3.648	12.65	84.65	12.80	84.64
PIPE-08D	POST	HYDRA-025	12.09	19.61	-3.352	12.32	84.77	12.65	84.65
PIPE-08E	POST	HYDRA-025	12.16	16.45	2.881	12.25	84.96	12.32	84.77
PIPE-09A	POST	HYDRA-025	12.08	8.39	2.022	13.20	84.72	13.20	84.71
PIPE-17A	POST	HYDRA-025	12.39	5.76	-1.540	12.90	84.22	12.92	84.18
PIPE-17B	POST	HYDRA-025	12.96	4.33	-1.780	12.91	84.27	12.90	84.22
PIPE-17C	POST	HYDRA-025	13.01	3.86	-4.443	12.91	84.29	12.91	84.27
PIPE-SMF-04	POST	HYDRA-025	12.13	63.91	0.871	12.41	84.47	12.76	84.34
PIPE-SMF-06	POST	HYDRA-025	15.55	1.31	0.507	14.03	82.77	13.78	82.75
PIPE-SMF-07	POST	HYDRA-025	12.83	4.43	0.774	12.91	83.03	13.02	82.91
PIPE-SMF-09	POST	HYDRA-025	13.93	3.88	-0.778	13.20	84.71	12.98	84.68
PIPE-SMF-10	POST	HYDRA-025	14.25	1.77	-1.553	13.22	84.73	13.20	84.72
PIPE-SMF-11	POST	HYDRA-025	12.17	14.31	2.960	12.23	85.09	12.25	84.96
PIPE-SMF-19	POST	HYDRA-025	13.03	3.76	1.220	12.93	84.31	12.91	84.29
WEIR-COMP-01	POST	HYDRA-025	12.01	7.02	2.150	13.01	82.60	13.00	82.60
WEIR-COMP-02A	POST	HYDRA-025	23.15	2.76	0.000	23.15	80.09	31.76	80.04
WEIR-COMP-02B	POST	HYDRA-025	31.76	1.13	0.000	31.76	80.04	48.00	79.20
CS-01	POST	HYDRA-025-96	48.82	13.47	0.003	48.82	85.58	13.01	82.60
CS-02	POST	HYDRA-025-96	48.37	15.63	0.003	48.37	85.32	23.42	82.21
CS-03	POST	HYDRA-025-96	48.84	26.95	0.005	48.84	84.48	61.48	80.75
CS-05	POST	HYDRA-025-96	49.39	8.08	0.001	49.39	82.89	61.48	80.75
CS-08	POST	HYDRA-025-96	48.76	9.96	0.002	48.76	84.74	13.01	82.60
CS-11	POST	HYDRA-025-96	48.36	7.88	-0.002	48.36	84.77	13.01	82.60
CS-12	POST	HYDRA-025-96	49.78	0.56	0.000	49.78	84.60	23.81	82.20
CS-13	POST	HYDRA-025-96	49.17	4.80	0.001	49.17	82.56	61.48	80.75
CS-14	POST	HYDRA-025-96	48.78	11.11	0.002	48.78	83.82	61.48	80.75
CS-15	POST	HYDRA-025-96	49.87	3.39	0.001	49.87	84.33	13.00	80.60
CS-16	POST	HYDRA-025-96	48.94	16.89	0.004	48.94	84.93	54.26	80.13
CS-17	POST	HYDRA-025-96	48.87	7.45	0.002	48.87	84.29	13.00	80.60
CULV-01-PST	POST	HYDRA-025-96	49.61	18.92	0.114	23.42	82.21	13.01	82.60
CULV-02-PST	POST	HYDRA-025-96	52.56	4.16	0.050	23.81	82.20	23.42	82.21
CULV-04-PST	POST	HYDRA-025-96	61.48	8.19	-0.021	61.48	80.75	13.00	80.20
CULV-05-PST	POST	HYDRA-025-96	73.06	0.75	0.043	61.65	80.75	61.48	80.75
CULV-07-PST	POST	HYDRA-025-96	0.00	0.00	0.000	96.00	80.08	13.00	80.60
CULV-08-PST	POST	HYDRA-025-96	0.00	0.00	0.000	54.26	80.13	96.00	80.08
PIPE-05A	POST	HYDRA-025-96	48.34	5.87	-1.334	49.29	82.93	49.39	82.89
PIPE-05B	POST	HYDRA-025-96	48.64	5.02	-1.240	49.24	82.97	49.29	82.93
PIPE-05C	POST	HYDRA-025-96	48.67	4.93	1.328	49.18	83.03	49.24	82.97
PIPE-05D	POST	HYDRA-025-96	49.20	4.00	-1.594	49.18	83.06	49.18	83.03
PIPE-05F	POST	HYDRA-025-96	50.64	1.80	-0.162	49.51	82.93	49.39	82.89
PIPE-08A	POST	HYDRA-025-96	49.74	5.56	0.839	48.87	84.80	48.76	84.74
PIPE-08B	POST	HYDRA-025-96	49.88	5.37	1.950	48.97	84.85	48.87	84.80
PIPE-08C	POST	HYDRA-025-96	47.64	9.25	2.375	48.76	84.75	48.76	84.74
PIPE-08D	POST	HYDRA-025-96	47.63	9.11	-3.392	48.61	84.76	48.76	84.75
PIPE-08E	POST	HYDRA-025-96	47.48	7.91	3.358	48.75	84.77	48.61	84.76

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
PIPE-09A	POST	HYDRA-025-96	48.14	4.73	-2.004	49.24	84.95	49.25	84.94
PIPE-17A	POST	HYDRA-025-96	48.76	6.46	0.857	48.85	84.35	48.87	84.29
PIPE-17B	POST	HYDRA-025-96	49.05	5.15	-1.852	48.89	84.42	48.85	84.35
PIPE-17C	POST	HYDRA-025-96	23.57	7.24	4.674	48.90	84.44	48.89	84.42
PIPE-SMF-04	POST	HYDRA-025-96	48.07	34.64	0.871	48.70	84.58	48.84	84.48
PIPE-SMF-06	POST	HYDRA-025-96	50.83	1.73	0.504	49.66	82.96	49.51	82.93
PIPE-SMF-07	POST	HYDRA-025-96	49.40	3.78	0.774	49.21	83.15	49.18	83.06
PIPE-SMF-09	POST	HYDRA-025-96	50.00	5.21	0.493	49.25	84.94	48.97	84.85
PIPE-SMF-10	POST	HYDRA-025-96	50.00	2.44	2.046	49.27	84.96	49.24	84.95
PIPE-SMF-11	POST	HYDRA-025-96	47.38	6.93	3.136	48.36	84.77	48.75	84.77
PIPE-SMF-19	POST	HYDRA-025-96	49.21	4.38	-2.229	48.94	84.47	48.90	84.44
WEIR-COMP-01	POST	HYDRA-025-96	48.01	6.90	9.096	13.01	82.60	13.01	82.60
WEIR-COMP-02A	POST	HYDRA-025-96	54.26	4.70	0.001	54.26	80.13	57.83	80.08
WEIR-COMP-02B	POST	HYDRA-025-96	57.83	3.50	0.001	57.83	80.08	96.00	80.08
CS-01	POST	HYDRA-100	12.69	26.06	0.014	12.69	86.07	13.00	83.60
CS-02	POST	HYDRA-100	12.37	43.34	0.036	12.37	86.26	16.80	83.41
CS-03	POST	HYDRA-100	12.69	50.44	0.024	12.69	85.23	22.67	81.52
CS-05	POST	HYDRA-100	12.96	12.00	0.006	12.96	83.16	22.67	81.52
CS-08	POST	HYDRA-100	12.61	16.74	0.009	12.61	85.06	13.00	83.60
CS-11	POST	HYDRA-100	12.21	29.60	-0.027	12.21	85.73	13.00	83.60
CS-12	POST	HYDRA-100	12.86	1.16	0.001	12.86	84.71	18.65	83.41
CS-13	POST	HYDRA-100	12.82	8.55	0.005	12.82	82.86	22.67	81.52
CS-14	POST	HYDRA-100	12.72	22.78	0.014	12.72	84.51	22.67	81.52
CS-15	POST	HYDRA-100	13.01	7.43	0.006	13.01	84.61	13.00	81.20
CS-16	POST	HYDRA-100	12.75	31.88	0.018	12.75	85.48	48.00	80.23
CS-17	POST	HYDRA-100	12.54	14.41	0.009	12.54	84.67	13.00	81.20
CS-20	POST	HYDRA-100	13.15	5.61	0.101	12.44	87.93	12.02	93.57
CULV-01-PST	POST	HYDRA-100	23.57	12.71	0.148	16.80	83.41	13.00	83.60
CULV-02-PST	POST	HYDRA-100	24.05	3.03	0.832	18.65	83.41	16.80	83.41
CULV-04-PST	POST	HYDRA-100	23.42	15.10	0.003	22.67	81.52	13.00	81.20
CULV-05-PST	POST	HYDRA-100	29.28	1.71	-0.055	22.76	81.52	22.67	81.52
CULV-07-PST	POST	HYDRA-100	0.00	0.00	-0.001	48.00	80.23	13.00	81.20
CULV-08-PST	POST	HYDRA-100	16.01	0.00	-0.000	48.00	80.23	48.00	80.23
PIPE-04A	POST	HYDRA-100	12.02	118.62	-21.274	12.10	86.74	12.35	85.90
PIPE-04B	POST	HYDRA-100	12.02	110.10	22.542	12.09	87.51	12.10	86.74
PIPE-04C	POST	HYDRA-100	12.02	106.68	-17.063	12.08	89.14	12.09	87.51
PIPE-04D	POST	HYDRA-100	12.01	74.53	7.113	12.03	91.91	12.08	89.14
PIPE-04E	POST	HYDRA-100	12.00	51.42	-4.453	12.02	93.57	12.03	91.91
PIPE-05A	POST	HYDRA-100	12.22	10.56	-0.713	12.85	83.27	12.96	83.16
PIPE-05B	POST	HYDRA-100	12.39	8.22	-1.351	12.81	83.39	12.85	83.27
PIPE-05C	POST	HYDRA-100	12.45	8.02	-1.294	12.72	83.53	12.81	83.39
PIPE-05D	POST	HYDRA-100	12.99	6.83	1.971	12.82	83.63	12.72	83.53
PIPE-05F	POST	HYDRA-100	15.01	2.25	-0.329	13.16	83.20	12.96	83.16
PIPE-08A	POST	HYDRA-100	13.58	7.65	-0.478	12.65	85.15	12.61	85.06
PIPE-08B	POST	HYDRA-100	13.72	7.43	1.149	12.71	85.23	12.65	85.15
PIPE-08C	POST	HYDRA-100	12.08	22.52	-3.921	12.40	85.12	12.61	85.06
PIPE-08D	POST	HYDRA-100	12.08	21.95	3.029	12.26	85.36	12.40	85.12
PIPE-08E	POST	HYDRA-100	12.17	17.39	-2.816	12.22	85.59	12.26	85.36
PIPE-09A	POST	HYDRA-100	12.08	12.18	1.960	12.90	85.38	12.92	85.35
PIPE-17A	POST	HYDRA-100	12.38	11.71	-1.751	12.54	84.88	12.54	84.67
PIPE-17B	POST	HYDRA-100	12.84	9.75	-1.425	12.63	85.09	12.54	84.88
PIPE-17C	POST	HYDRA-100	12.92	8.95	-4.443	12.66	85.15	12.63	85.09
PIPE-SMF-04	POST	HYDRA-100	12.16	89.74	0.871	12.35	85.90	12.69	85.23
PIPE-SMF-06	POST	HYDRA-100	15.11	2.15	-0.516	13.55	83.25	13.16	83.20
PIPE-SMF-07	POST	HYDRA-100	13.01	6.56	-0.617	12.90	83.89	12.82	83.63
PIPE-SMF-09	POST	HYDRA-100	13.75	7.22	-0.781	12.92	85.35	12.71	85.23
PIPE-SMF-10	POST	HYDRA-100	13.83	3.37	-1.580	12.94	85.39	12.90	85.38
PIPE-SMF-11	POST	HYDRA-100	12.18	14.35	4.055	12.21	85.73	12.22	85.59
PIPE-SMF-19	POST	HYDRA-100	12.92	8.78	1.220	12.73	85.28	12.66	85.15
WEIR-COMP-01	POST	HYDRA-100	12.00	12.21	3.722	13.01	83.60	13.00	83.60
WEIR-COMP-02A	POST	HYDRA-100	16.01	11.20	0.002	48.00	80.23	48.00	80.23
WEIR-COMP-02B	POST	HYDRA-100	17.12	10.33	0.003	48.00	80.23	48.00	80.23

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CS-01	POST	HYDRA-MEAN	20.21	0.70	0.000	20.21	84.72	13.00	80.60
CS-02	POST	HYDRA-MEAN	13.17	2.15	0.000	13.17	83.73	22.17	80.52
CS-03	POST	HYDRA-MEAN	22.73	1.08	0.000	22.73	82.98	48.00	79.19
CS-05	POST	HYDRA-MEAN	22.58	0.56	0.000	22.58	82.04	48.00	79.19
CS-08	POST	HYDRA-MEAN	19.95	1.12	0.000	19.95	83.86	13.00	80.60
CS-11	POST	HYDRA-MEAN	0.00	0.00	0.000	19.68	83.87	13.00	80.60
CS-12	POST	HYDRA-MEAN	23.67	0.04	0.000	23.67	84.18	22.46	80.52
CS-13	POST	HYDRA-MEAN	22.69	0.28	0.000	22.69	81.89	48.00	79.19
CS-14	POST	HYDRA-MEAN	15.67	1.00	0.000	15.67	82.51	48.00	79.19
CS-15	POST	HYDRA-MEAN	20.30	0.39	0.000	20.30	83.45	13.00	79.40
CS-16	POST	HYDRA-MEAN	20.10	0.99	0.000	20.10	83.77	48.00	79.25
CS-17	POST	HYDRA-MEAN	15.74	0.67	0.000	15.74	82.81	13.00	79.40
CS-20	POST	HYDRA-MEAN	0.00	0.00	0.000	13.72	86.13	22.50	83.01
CULV-01-PST	POST	HYDRA-MEAN	24.12	2.09	0.029	22.17	80.52	13.00	80.60
CULV-02-PST	POST	HYDRA-MEAN	26.60	0.56	0.040	22.46	80.52	22.17	80.52
CULV-04-PST	POST	HYDRA-MEAN	0.00	0.00	0.000	48.00	79.19	13.00	78.20
CULV-05-PST	POST	HYDRA-MEAN	17.28	0.34	-0.005	48.00	79.19	48.00	79.19
CULV-07-PST	POST	HYDRA-MEAN	0.00	0.00	0.000	25.00	78.76	13.00	79.40
CULV-08-PST	POST	HYDRA-MEAN	0.00	0.00	0.000	48.00	79.25	25.00	78.76
PIPE-04A	POST	HYDRA-MEAN	12.32	28.94	-21.340	22.62	83.04	22.73	82.98
PIPE-04B	POST	HYDRA-MEAN	11.72	43.27	22.541	22.52	82.94	22.62	83.04
PIPE-04C	POST	HYDRA-MEAN	12.02	25.34	-16.785	22.50	83.01	22.52	82.94
PIPE-04D	POST	HYDRA-MEAN	12.01	18.54	7.113	22.50	82.99	22.50	83.01
PIPE-04E	POST	HYDRA-MEAN	12.00	13.63	-4.276	22.50	83.01	22.50	82.99
PIPE-05A	POST	HYDRA-MEAN	12.31	2.61	-1.299	22.57	82.04	22.58	82.04
PIPE-05B	POST	HYDRA-MEAN	12.34	2.22	0.884	22.56	82.05	22.57	82.04
PIPE-05C	POST	HYDRA-MEAN	12.35	2.19	-1.294	22.55	82.05	22.56	82.05
PIPE-05D	POST	HYDRA-MEAN	9.29	2.70	1.971	22.56	82.05	22.55	82.05
PIPE-05F	POST	HYDRA-MEAN	11.83	0.31	-0.328	22.58	82.04	22.58	82.04
PIPE-08A	POST	HYDRA-MEAN	24.30	0.83	-0.822	19.97	83.86	19.95	83.86
PIPE-08B	POST	HYDRA-MEAN	7.03	1.72	1.148	19.96	83.86	19.97	83.86
PIPE-08C	POST	HYDRA-MEAN	12.20	9.88	-3.623	19.88	83.85	19.95	83.86
PIPE-08D	POST	HYDRA-MEAN	12.20	9.79	2.091	19.79	83.87	19.88	83.85
PIPE-08E	POST	HYDRA-MEAN	12.22	8.90	3.201	19.70	83.86	19.79	83.87
PIPE-09A	POST	HYDRA-MEAN	12.08	3.15	2.022	19.97	83.87	19.97	83.86
PIPE-17A	POST	HYDRA-MEAN	12.16	0.88	-1.540	15.74	82.81	15.74	82.81
PIPE-17B	POST	HYDRA-MEAN	10.87	2.33	1.395	15.74	82.82	15.74	82.81
PIPE-17C	POST	HYDRA-MEAN	0.00	0.00	-4.443	15.75	82.82	15.74	82.82
PIPE-SMF-04	POST	HYDRA-MEAN	12.10	23.38	0.871	22.73	82.98	22.73	82.98
PIPE-SMF-06	POST	HYDRA-MEAN	9.44	0.31	-0.516	22.58	82.04	22.58	82.04
PIPE-SMF-07	POST	HYDRA-MEAN	12.51	1.57	0.869	22.57	82.05	22.56	82.05
PIPE-SMF-09	POST	HYDRA-MEAN	24.58	0.83	-0.785	19.97	83.86	19.96	83.86
PIPE-SMF-10	POST	HYDRA-MEAN	0.00	0.00	-1.554	19.99	83.86	19.97	83.87
PIPE-SMF-11	POST	HYDRA-MEAN	12.24	8.15	2.960	19.68	83.87	19.70	83.86
PIPE-SMF-19	POST	HYDRA-MEAN	11.08	2.40	1.220	15.76	82.82	15.75	82.82
WEIR-COMP-01	POST	HYDRA-MEAN	12.03	1.68	0.220	13.03	80.60	13.00	80.60
WEIR-COMP-02A	POST	HYDRA-MEAN	0.00	0.00	0.000	48.00	79.25	24.50	78.74
WEIR-COMP-02B	POST	HYDRA-MEAN	0.00	0.00	0.000	24.50	78.74	25.00	78.76

```
            Basin Name: COMP-01
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: COMP-01
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
           Area (ac): 3.600
  Vol of Unit Hyd (in): 1.001
          Curve Number: 68.000
              DCIA (%): 0.000

       Time Max (hrs): 48.00
       Flow Max (cfs): 5.86
    Runoff Volume (in): 6.844
   Runoff Volume (ft3): 89433


--------------------------------------------------------------------------------

            Basin Name: RY-01
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: OUT-01-PST
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
           Area (ac): 10.600
  Vol of Unit Hyd (in): 1.001
          Curve Number: 69.000
              DCIA (%): 0.000

       Time Max (hrs): 48.00
       Flow Max (cfs): 17.53
    Runoff Volume (in): 6.982
   Runoff Volume (ft3): 268670


--------------------------------------------------------------------------------

            Basin Name: RY-02
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: OUT-01-PST
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
           Area (ac): 0.700
  Vol of Unit Hyd (in): 1.000
          Curve Number: 44.000
              DCIA (%): 0.000

       Time Max (hrs): 48.00
       Flow Max (cfs): 0.60
    Runoff Volume (in): 3.370
   Runoff Volume (ft3): 8563


--------------------------------------------------------------------------------

            Basin Name: RY-03
            Group Name: POST
```

```
            Simulation: HYDRO-025-96
             Node Name: WET-01-PST
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.47
   Comp Time Inc (min): 1.47
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 11.00
      Time Shift (hrs): 0.00
             Area (ac): 3.500
  Vol of Unit Hyd (in): 1.000
          Curve Number: 56.000
              DCIA (%): 0.000

       Time Max (hrs): 48.01
       Flow Max (cfs): 4.45
    Runoff Volume (in): 5.136
   Runoff Volume (ft3): 65251


--------------------------------------------------------------------------------

            Basin Name: RY-04
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: WET-02-PST
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.47
   Comp Time Inc (min): 1.47
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 11.00
      Time Shift (hrs): 0.00
             Area (ac): 2.500
  Vol of Unit Hyd (in): 1.000
          Curve Number: 50.000
              DCIA (%): 0.000

       Time Max (hrs): 48.01
       Flow Max (cfs): 2.67
    Runoff Volume (in): 4.257
   Runoff Volume (ft3): 38635


--------------------------------------------------------------------------------

            Basin Name: RY-05
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: OUT-02-PST
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
  Rainfall Amount (in): 11.000
  Storm Duration (hrs): 96.00
                Status: Onsite
    Time of Conc (min): 15.00
      Time Shift (hrs): 0.00
             Area (ac): 1.200
  Vol of Unit Hyd (in): 1.000
          Curve Number: 58.000
              DCIA (%): 0.000

       Time Max (hrs): 48.00
       Flow Max (cfs): 1.59
    Runoff Volume (in): 5.426
   Runoff Volume (ft3): 23634


--------------------------------------------------------------------------------

            Basin Name: S-08A
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: S-08A
```

```
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.400
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 0.76
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 12489


--------------------------------------------------------------------------------

            Basin Name: S-08B
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: S-08B
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.400
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 0.76
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 12489


--------------------------------------------------------------------------------

            Basin Name: S-08C
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: S-08C
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.100
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 0.19
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 3122


--------------------------------------------------------------------------------

            Basin Name: S-08D
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: S-08D
            Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
               Area (ac): 0.800
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

          Time Max (hrs): 48.00
          Flow Max (cfs): 1.52
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 24977


--------------------------------------------------------------------------------

              Basin Name: S-08E
              Group Name: POST
              Simulation: HYDRO-025-96
               Node Name: S-08E
              Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
               Area (ac): 0.700
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

          Time Max (hrs): 48.00
          Flow Max (cfs): 1.33
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 21855


--------------------------------------------------------------------------------

              Basin Name: S-09A
              Group Name: POST
              Simulation: HYDRO-025-96
               Node Name: S-09A
              Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
               Area (ac): 2.700
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

          Time Max (hrs): 48.00
          Flow Max (cfs): 5.13
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 84298


--------------------------------------------------------------------------------

              Basin Name: SUB-02
              Group Name: POST
              Simulation: HYDRO-025-96
               Node Name: SMF-02
              Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
```

```
    Spec Time Inc (min): 2.93
    Comp Time Inc (min): 2.93
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 22.00
       Time Shift (hrs): 0.00
              Area (ac): 11.500
   Vol of Unit Hyd (in): 1.000
           Curve Number: 73.000
               DCIA (%): 0.000

         Time Max (hrs): 48.01
         Flow Max (cfs): 19.81
     Runoff Volume (in): 7.531
    Runoff Volume (ft3): 314372


--------------------------------------------------------------------------------

             Basin Name: SUB-08
             Group Name: POST
             Simulation: HYDRO-025-96
              Node Name: SMF-08
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 2.00
    Comp Time Inc (min): 2.00
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 2.700
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 5.13
     Runoff Volume (in): 8.601
    Runoff Volume (ft3): 84298


--------------------------------------------------------------------------------

             Basin Name: SUB-09
             Group Name: POST
             Simulation: HYDRO-025-96
              Node Name: SMF-09
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 2.53
    Comp Time Inc (min): 2.53
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 19.00
       Time Shift (hrs): 0.00
              Area (ac): 1.400
   Vol of Unit Hyd (in): 1.000
           Curve Number: 81.000
               DCIA (%): 0.000

         Time Max (hrs): 48.01
         Flow Max (cfs): 2.65
     Runoff Volume (in): 8.600
    Runoff Volume (ft3): 43706


--------------------------------------------------------------------------------

             Basin Name: SUB-10
             Group Name: POST
             Simulation: HYDRO-025-96
              Node Name: SMF-10
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 2.13
    Comp Time Inc (min): 2.13
```

```
         Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 16.00
       Time Shift (hrs): 0.00
              Area (ac): 3.000
   Vol of Unit Hyd (in): 1.000
          Curve Number: 79.000
              DCIA (%): 0.000

        Time Max (hrs): 48.00
        Flow Max (cfs): 5.59
    Runoff Volume (in): 8.337
   Runoff Volume (ft3): 90793


--------------------------------------------------------------------------------

            Basin Name: SUB-11
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: SMF-11
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh484
         Peaking Fator: 484.0
   Spec Time Inc (min): 2.93
   Comp Time Inc (min): 2.93
         Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 22.00
       Time Shift (hrs): 0.00
              Area (ac): 8.400
   Vol of Unit Hyd (in): 1.000
          Curve Number: 74.000
              DCIA (%): 0.000

        Time Max (hrs): 48.01
        Flow Max (cfs): 14.67
    Runoff Volume (in): 7.667
   Runoff Volume (ft3): 233769


--------------------------------------------------------------------------------

            Basin Name: SUB-12
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: SMF-12
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh484
         Peaking Fator: 484.0
   Spec Time Inc (min): 2.00
   Comp Time Inc (min): 2.00
         Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 15.00
       Time Shift (hrs): 0.00
              Area (ac): 1.400
   Vol of Unit Hyd (in): 1.000
          Curve Number: 67.000
              DCIA (%): 0.000

        Time Max (hrs): 48.00
        Flow Max (cfs): 2.23
    Runoff Volume (in): 6.704
   Runoff Volume (ft3): 34071


--------------------------------------------------------------------------------

            Basin Name: WET-01-PST
            Group Name: POST
            Simulation: HYDRO-025-96
             Node Name: WET-01-PST
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: Uh484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: Flmod
   Rainfall Amount (in): 11.000
```

```
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 11.400
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.000
              DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 23.18
      Runoff Volume (in): 9.883
     Runoff Volume (ft3): 408975


--------------------------------------------------------------------------------

             Basin Name: WET-02-PST
             Group Name: POST
             Simulation: HYDRO-025-96
              Node Name: WET-02-PST
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: Uh484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: Flmod
   Rainfall Amount (in): 11.000
   Storm Duration (hrs): 96.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 4.700
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.000
              DCIA (%): 0.000

         Time Max (hrs): 48.00
         Flow Max (cfs): 9.36
      Runoff Volume (in): 9.377
     Runoff Volume (ft3): 159989
```

NODE TIME SERIES REPORT | POST-DEVELOPMENT DRAINAGE
(SMF-01, SMF-02, SMF-08 THRU SMF-11, SMF-12)

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-01	POST	0.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	0.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	0.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	0.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	0.68	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	0.85	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.02	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.35	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.52	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.68	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	1.85	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.02	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.35	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.52	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	2.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	3.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	4.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	5.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	6.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	7.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	8.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	9.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.26	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.43	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.59	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.76	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	10.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.09	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.26	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.59	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.76	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	11.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.09	84.00	0.00	91476	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-01	POST	12.18	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.34	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.51	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.59	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.84	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	12.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.01	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.08	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.58	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	13.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.08	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.58	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	14.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.08	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.58	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	15.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.08	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.17	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.33	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.42	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.58	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.67	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.83	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	16.92	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	17.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	17.25	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	17.50	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	17.75	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	18.00	84.00	0.00	91476	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	18.25	84.00	0.00	91477	0.01	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	18.50	84.00	0.00	91477	0.01	0.00	0.000	0.000
HYDRA-025-96	SMF-01	POST	18.75	84.00	0.00	91478	0.02	0.00	0.001	0.000
HYDRA-025-96	SMF-01	POST	19.00	84.00	0.00	91480	0.02	0.00	0.001	0.000
HYDRA-025-96	SMF-01	POST	19.25	84.00	0.00	91481	0.03	0.00	0.001	0.000
HYDRA-025-96	SMF-01	POST	19.50	84.00	0.00	91483	0.03	0.00	0.002	0.000
HYDRA-025-96	SMF-01	POST	19.75	84.00	0.00	91486	0.03	0.00	0.003	0.000
HYDRA-025-96	SMF-01	POST	20.00	84.00	0.00	91488	0.04	0.00	0.003	0.000
HYDRA-025-96	SMF-01	POST	20.25	84.00	0.00	91492	0.04	0.00	0.004	0.000
HYDRA-025-96	SMF-01	POST	20.50	84.00	0.00	91495	0.05	0.00	0.005	0.000
HYDRA-025-96	SMF-01	POST	20.75	84.00	0.00	91499	0.05	0.00	0.006	0.000
HYDRA-025-96	SMF-01	POST	21.00	84.00	0.00	91503	0.06	0.00	0.008	0.000
HYDRA-025-96	SMF-01	POST	21.25	84.00	0.00	91508	0.06	0.00	0.009	0.000
HYDRA-025-96	SMF-01	POST	21.50	84.00	0.00	91513	0.07	0.00	0.010	0.000
HYDRA-025-96	SMF-01	POST	21.75	84.01	0.00	91518	0.07	0.00	0.012	0.000
HYDRA-025-96	SMF-01	POST	22.00	84.01	0.00	91523	0.08	0.00	0.013	0.000
HYDRA-025-96	SMF-01	POST	22.25	84.01	0.00	91529	0.08	0.00	0.015	0.000
HYDRA-025-96	SMF-01	POST	22.50	84.01	0.00	91535	0.09	0.00	0.017	0.000
HYDRA-025-96	SMF-01	POST	22.75	84.01	0.00	91542	0.09	0.00	0.018	0.000
HYDRA-025-96	SMF-01	POST	23.00	84.01	0.00	91549	0.10	0.00	0.020	0.000
HYDRA-025-96	SMF-01	POST	23.25	84.01	0.00	91556	0.10	0.00	0.022	0.000
HYDRA-025-96	SMF-01	POST	23.50	84.01	0.00	91563	0.10	0.00	0.024	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-01	POST	23.75	84.01	0.00	91571	0.11	0.00	0.027	0.000
HYDRA-025-96	SMF-01	POST	24.00	84.01	0.00	91579	0.11	0.00	0.029	0.000
HYDRA-025-96	SMF-01	POST	24.25	84.01	0.00	91588	0.12	0.00	0.031	0.000
HYDRA-025-96	SMF-01	POST	24.50	84.02	0.00	91597	0.14	0.00	0.034	0.000
HYDRA-025-96	SMF-01	POST	24.75	84.02	0.00	91607	0.15	0.00	0.037	0.000
HYDRA-025-96	SMF-01	POST	25.00	84.02	0.00	91618	0.15	0.00	0.040	0.000
HYDRA-025-96	SMF-01	POST	25.25	84.02	0.00	91629	0.16	0.00	0.043	0.000
HYDRA-025-96	SMF-01	POST	25.50	84.02	0.00	91641	0.16	0.00	0.046	0.001
HYDRA-025-96	SMF-01	POST	25.75	84.02	0.00	91653	0.17	0.00	0.050	0.001
HYDRA-025-96	SMF-01	POST	26.00	84.03	0.00	91665	0.17	0.00	0.053	0.001
HYDRA-025-96	SMF-01	POST	26.25	84.03	0.00	91678	0.18	0.01	0.057	0.001
HYDRA-025-96	SMF-01	POST	26.50	84.03	0.00	91690	0.18	0.01	0.061	0.001
HYDRA-025-96	SMF-01	POST	26.75	84.03	0.00	91704	0.19	0.01	0.064	0.001
HYDRA-025-96	SMF-01	POST	27.00	84.03	0.00	91717	0.19	0.01	0.068	0.001
HYDRA-025-96	SMF-01	POST	27.25	84.03	0.00	91731	0.20	0.01	0.072	0.001
HYDRA-025-96	SMF-01	POST	27.50	84.04	0.00	91745	0.20	0.01	0.077	0.001
HYDRA-025-96	SMF-01	POST	27.75	84.04	0.00	91760	0.21	0.01	0.081	0.002
HYDRA-025-96	SMF-01	POST	28.00	84.04	0.00	91775	0.21	0.01	0.085	0.002
HYDRA-025-96	SMF-01	POST	28.25	84.04	0.00	91790	0.23	0.01	0.090	0.002
HYDRA-025-96	SMF-01	POST	28.50	84.04	0.00	91807	0.25	0.01	0.094	0.002
HYDRA-025-96	SMF-01	POST	28.75	84.05	0.00	91825	0.26	0.01	0.100	0.002
HYDRA-025-96	SMF-01	POST	29.00	84.05	0.00	91843	0.26	0.01	0.105	0.003
HYDRA-025-96	SMF-01	POST	29.25	84.05	0.00	91862	0.27	0.01	0.111	0.003
HYDRA-025-96	SMF-01	POST	29.50	84.05	0.00	91881	0.28	0.01	0.116	0.003
HYDRA-025-96	SMF-01	POST	29.75	84.06	0.00	91901	0.28	0.02	0.122	0.004
HYDRA-025-96	SMF-01	POST	30.00	84.06	0.00	91921	0.29	0.02	0.128	0.004
HYDRA-025-96	SMF-01	POST	31.00	84.07	0.00	92003	0.31	0.02	0.152	0.005
HYDRA-025-96	SMF-01	POST	32.00	84.08	0.00	92090	0.33	0.03	0.179	0.007
HYDRA-025-96	SMF-01	POST	33.00	84.09	0.00	92190	0.41	0.03	0.209	0.010
HYDRA-025-96	SMF-01	POST	34.00	84.11	0.00	92303	0.43	0.04	0.244	0.013
HYDRA-025-96	SMF-01	POST	35.00	84.13	0.00	92430	0.52	0.05	0.283	0.017
HYDRA-025-96	SMF-01	POST	36.00	84.15	0.00	92572	0.55	0.06	0.328	0.022
HYDRA-025-96	SMF-01	POST	37.00	84.17	0.00	92723	0.62	0.08	0.377	0.027
HYDRA-025-96	SMF-01	POST	38.00	84.19	0.00	92884	0.65	0.09	0.429	0.034
HYDRA-025-96	SMF-01	POST	39.00	84.21	0.00	93066	0.80	0.11	0.489	0.043
HYDRA-025-96	SMF-01	POST	40.00	84.24	0.00	93268	0.83	0.13	0.556	0.053
HYDRA-025-96	SMF-01	POST	41.00	84.27	0.00	93506	1.09	0.16	0.635	0.065
HYDRA-025-96	SMF-01	POST	42.00	84.30	0.00	93778	1.14	0.19	0.728	0.079
HYDRA-025-96	SMF-01	POST	43.00	84.35	0.00	94101	1.52	0.24	0.837	0.097
HYDRA-025-96	SMF-01	POST	44.00	84.40	0.00	94474	1.59	0.29	0.966	0.119
HYDRA-025-96	SMF-01	POST	45.00	84.45	0.00	94863	1.75	0.34	1.104	0.145
HYDRA-025-96	SMF-01	POST	46.00	84.54	0.00	95517	3.61	0.45	1.325	0.178
HYDRA-025-96	SMF-01	POST	47.00	84.83	0.00	97754	13.58	1.22	2.035	0.247
HYDRA-025-96	SMF-01	POST	48.00	85.37	0.00	101807	25.22	9.07	3.638	0.672
HYDRA-025-96	SMF-01	POST	49.00	85.57	0.00	103329	10.85	13.29	5.129	1.596
HYDRA-025-96	SMF-01	POST	50.00	85.43	0.00	102267	5.00	10.28	5.784	2.570
HYDRA-025-96	SMF-01	POST	51.00	85.27	0.00	101032	3.01	7.15	6.115	3.290
HYDRA-025-96	SMF-01	POST	52.00	85.15	0.00	100135	2.44	5.13	6.340	3.798
HYDRA-025-96	SMF-01	POST	53.00	85.07	0.00	99523	2.02	3.91	6.525	4.171
HYDRA-025-96	SMF-01	POST	54.00	85.01	0.00	99115	2.02	3.18	6.692	4.464
HYDRA-025-96	SMF-01	POST	55.00	84.97	0.00	98811	1.59	2.67	6.841	4.706
HYDRA-025-96	SMF-01	POST	56.00	84.94	0.00	98572	1.60	2.29	6.973	4.911
HYDRA-025-96	SMF-01	POST	57.00	84.92	0.00	98387	1.38	2.03	7.096	5.089
HYDRA-025-96	SMF-01	POST	58.00	84.90	0.00	98239	1.38	1.82	7.210	5.248
HYDRA-025-96	SMF-01	POST	59.00	84.88	0.00	98111	1.17	1.65	7.316	5.392
HYDRA-025-96	SMF-01	POST	60.00	84.86	0.00	97999	1.17	1.51	7.412	5.522
HYDRA-025-96	SMF-01	POST	61.00	84.85	0.00	97911	1.10	1.40	7.506	5.642
HYDRA-025-96	SMF-01	POST	62.00	84.84	0.00	97839	1.10	1.32	7.596	5.754
HYDRA-025-96	SMF-01	POST	63.00	84.83	0.00	97769	0.95	1.24	7.681	5.860
HYDRA-025-96	SMF-01	POST	64.00	84.82	0.00	97700	0.95	1.16	7.760	5.959
HYDRA-025-96	SMF-01	POST	65.00	84.82	0.00	97640	0.88	1.10	7.835	6.053
HYDRA-025-96	SMF-01	POST	66.00	84.81	0.00	97585	0.88	1.05	7.908	6.142
HYDRA-025-96	SMF-01	POST	67.00	84.80	0.00	97535	0.81	1.00	7.978	6.227
HYDRA-025-96	SMF-01	POST	68.00	84.80	0.00	97486	0.81	0.96	8.045	6.308
HYDRA-025-96	SMF-01	POST	69.00	84.79	0.00	97448	0.81	0.93	8.112	6.386
HYDRA-025-96	SMF-01	POST	70.00	84.79	0.00	97418	0.81	0.91	8.179	6.462
HYDRA-025-96	SMF-01	POST	71.00	84.78	0.00	97375	0.66	0.87	8.240	6.535
HYDRA-025-96	SMF-01	POST	72.00	84.77	0.00	97322	0.66	0.84	8.294	6.606
HYDRA-025-96	SMF-01	POST	73.00	84.77	0.00	97288	0.74	0.81	8.352	6.674
HYDRA-025-96	SMF-01	POST	74.00	84.77	0.00	97268	0.74	0.80	8.413	6.741
HYDRA-025-96	SMF-01	POST	75.00	84.76	0.00	97232	0.59	0.78	8.468	6.807
HYDRA-025-96	SMF-01	POST	76.00	84.76	0.00	97182	0.59	0.76	8.517	6.870
HYDRA-025-96	SMF-01	POST	77.00	84.75	0.00	97147	0.67	0.75	8.569	6.933
HYDRA-025-96	SMF-01	POST	78.00	84.75	0.00	97125	0.67	0.74	8.624	6.994
HYDRA-025-96	SMF-01	POST	79.00	84.74	0.00	97094	0.59	0.74	8.676	7.055
HYDRA-025-96	SMF-01	POST	80.00	84.74	0.00	97055	0.59	0.73	8.725	7.116
HYDRA-025-96	SMF-01	POST	81.00	84.73	0.00	97008	0.52	0.72	8.771	7.175
HYDRA-025-96	SMF-01	POST	82.00	84.73	0.00	96953	0.52	0.71	8.814	7.234
HYDRA-025-96	SMF-01	POST	83.00	84.72	0.00	96902	0.52	0.70	8.857	7.293
HYDRA-025-96	SMF-01	POST	84.00	84.71	0.00	96853	0.52	0.69	8.900	7.350
HYDRA-025-96	SMF-01	POST	85.00	84.71	0.00	96806	0.52	0.68	8.942	7.407
HYDRA-025-96	SMF-01	POST	86.00	84.70	0.00	96762	0.52	0.67	8.985	7.462
HYDRA-025-96	SMF-01	POST	87.00	84.69	0.00	96721	0.52	0.66	9.028	7.518
HYDRA-025-96	SMF-01	POST	88.00	84.69	0.00	96681	0.52	0.66	9.071	7.572
HYDRA-025-96	SMF-01	POST	89.00	84.68	0.00	96644	0.52	0.65	9.114	7.626

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-01	POST	90.00	84.68	0.00	96609	0.52	0.64	9.157	7.679
HYDRA-025-96	SMF-01	POST	91.00	84.67	0.00	96565	0.45	0.63	9.197	7.732
HYDRA-025-96	SMF-01	POST	92.00	84.67	0.00	96514	0.45	0.62	9.234	7.784
HYDRA-025-96	SMF-01	POST	93.00	84.66	0.00	96465	0.45	0.62	9.271	7.836
HYDRA-025-96	SMF-01	POST	94.00	84.65	0.00	96418	0.45	0.61	9.308	7.886
HYDRA-025-96	SMF-01	POST	95.00	84.65	0.00	96363	0.37	0.60	9.342	7.936
HYDRA-025-96	SMF-01	POST	96.00	84.64	0.00	96302	0.37	0.59	9.373	7.985
HYDRA-025-96	SMF-02	POST	0.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	0.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	0.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	0.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	0.68	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	0.85	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.02	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.35	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.52	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.68	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	1.85	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.02	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.35	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.52	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	2.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	3.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	4.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	5.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	6.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	7.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	8.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	9.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.26	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.43	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.59	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.76	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	10.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.09	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.26	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.42	82.30	0.00	20038	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-02	POST	11.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.59	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.76	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	11.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.09	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.18	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.34	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.42	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.51	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.59	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.84	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	12.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.01	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.08	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.42	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.58	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	13.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.08	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.42	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.58	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	14.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.08	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.42	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.58	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	15.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.08	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.17	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.33	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.42	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.58	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.67	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.83	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	16.92	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	17.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	17.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	17.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	17.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	18.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	18.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	18.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	18.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	19.00	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	19.25	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	19.50	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	19.75	82.30	0.00	20038	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	20.00	82.30	0.00	20039	0.01	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	20.25	82.30	0.00	20041	0.01	0.00	0.000	0.000
HYDRA-025-96	SMF-02	POST	20.50	82.30	0.00	20043	0.02	0.00	0.001	0.000
HYDRA-025-96	SMF-02	POST	20.75	82.30	0.00	20045	0.02	0.00	0.001	0.000
HYDRA-025-96	SMF-02	POST	21.00	82.30	0.00	20049	0.02	0.00	0.002	0.000
HYDRA-025-96	SMF-02	POST	21.25	82.30	0.00	20052	0.03	0.00	0.002	0.000
HYDRA-025-96	SMF-02	POST	21.50	82.31	0.00	20057	0.03	0.00	0.003	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-02	POST	21.75	82.31	0.00	20061	0.03	0.00	0.003	0.000
HYDRA-025-96	SMF-02	POST	22.00	82.31	0.00	20067	0.04	0.00	0.004	0.000
HYDRA-025-96	SMF-02	POST	22.25	82.31	0.00	20072	0.04	0.00	0.005	0.000
HYDRA-025-96	SMF-02	POST	22.50	82.31	0.00	20079	0.04	0.00	0.006	0.000
HYDRA-025-96	SMF-02	POST	22.75	82.31	0.00	20085	0.05	0.00	0.007	0.000
HYDRA-025-96	SMF-02	POST	23.00	82.32	0.00	20092	0.05	0.00	0.008	0.000
HYDRA-025-96	SMF-02	POST	23.25	82.32	0.00	20100	0.05	0.00	0.009	0.000
HYDRA-025-96	SMF-02	POST	23.50	82.32	0.00	20108	0.06	0.00	0.010	0.000
HYDRA-025-96	SMF-02	POST	23.75	82.32	0.00	20116	0.06	0.00	0.011	0.000
HYDRA-025-96	SMF-02	POST	24.00	82.33	0.00	20125	0.06	0.01	0.012	0.001
HYDRA-025-96	SMF-02	POST	24.25	82.33	0.00	20134	0.07	0.01	0.014	0.001
HYDRA-025-96	SMF-02	POST	24.50	82.33	0.00	20145	0.08	0.01	0.015	0.001
HYDRA-025-96	SMF-02	POST	24.75	82.34	0.00	20156	0.09	0.01	0.017	0.001
HYDRA-025-96	SMF-02	POST	25.00	82.34	0.00	20168	0.09	0.01	0.019	0.001
HYDRA-025-96	SMF-02	POST	25.25	82.34	0.00	20181	0.09	0.01	0.021	0.001
HYDRA-025-96	SMF-02	POST	25.50	82.35	0.00	20194	0.10	0.01	0.023	0.002
HYDRA-025-96	SMF-02	POST	25.75	82.35	0.00	20207	0.10	0.01	0.025	0.002
HYDRA-025-96	SMF-02	POST	26.00	82.35	0.00	20221	0.11	0.02	0.027	0.002
HYDRA-025-96	SMF-02	POST	26.25	82.36	0.00	20235	0.11	0.02	0.029	0.002
HYDRA-025-96	SMF-02	POST	26.50	82.36	0.00	20249	0.12	0.02	0.032	0.003
HYDRA-025-96	SMF-02	POST	26.75	82.37	0.00	20263	0.12	0.02	0.034	0.003
HYDRA-025-96	SMF-02	POST	27.00	82.37	0.00	20278	0.12	0.02	0.037	0.004
HYDRA-025-96	SMF-02	POST	27.25	82.38	0.00	20293	0.13	0.03	0.039	0.004
HYDRA-025-96	SMF-02	POST	27.50	82.38	0.00	20309	0.13	0.03	0.042	0.005
HYDRA-025-96	SMF-02	POST	27.75	82.38	0.00	20324	0.13	0.03	0.045	0.005
HYDRA-025-96	SMF-02	POST	28.00	82.39	0.00	20340	0.14	0.03	0.047	0.006
HYDRA-025-96	SMF-02	POST	28.25	82.39	0.00	20356	0.15	0.04	0.050	0.007
HYDRA-025-96	SMF-02	POST	28.50	82.40	0.00	20374	0.16	0.04	0.054	0.008
HYDRA-025-96	SMF-02	POST	28.75	82.40	0.00	20393	0.17	0.04	0.057	0.008
HYDRA-025-96	SMF-02	POST	29.00	82.41	0.00	20412	0.18	0.05	0.061	0.009
HYDRA-025-96	SMF-02	POST	29.25	82.42	0.00	20432	0.18	0.05	0.064	0.010
HYDRA-025-96	SMF-02	POST	29.50	82.42	0.00	20451	0.19	0.05	0.068	0.011
HYDRA-025-96	SMF-02	POST	29.75	82.43	0.00	20471	0.19	0.06	0.072	0.013
HYDRA-025-96	SMF-02	POST	30.00	82.43	0.00	20491	0.19	0.06	0.076	0.014
HYDRA-025-96	SMF-02	POST	31.00	82.46	0.00	20570	0.21	0.08	0.093	0.020
HYDRA-025-96	SMF-02	POST	32.00	82.48	0.00	20649	0.23	0.10	0.111	0.027
HYDRA-025-96	SMF-02	POST	33.00	82.51	0.00	20737	0.29	0.12	0.132	0.036
HYDRA-025-96	SMF-02	POST	34.00	82.54	0.00	20835	0.31	0.14	0.157	0.046
HYDRA-025-96	SMF-02	POST	35.00	82.57	0.00	20941	0.37	0.17	0.185	0.059
HYDRA-025-96	SMF-02	POST	36.00	82.60	0.00	21056	0.40	0.21	0.217	0.075
HYDRA-025-96	SMF-02	POST	37.00	82.63	0.00	21171	0.45	0.24	0.252	0.094
HYDRA-025-96	SMF-02	POST	38.00	82.67	0.00	21285	0.47	0.28	0.290	0.115
HYDRA-025-96	SMF-02	POST	39.00	82.71	0.00	21414	0.58	0.32	0.333	0.140
HYDRA-025-96	SMF-02	POST	40.00	82.75	0.00	21556	0.61	0.38	0.383	0.169
HYDRA-025-96	SMF-02	POST	41.00	82.80	0.00	21727	0.81	0.44	0.441	0.203
HYDRA-025-96	SMF-02	POST	42.00	82.86	0.00	21921	0.85	0.52	0.510	0.243
HYDRA-025-96	SMF-02	POST	43.00	82.93	0.00	22157	1.14	0.62	0.592	0.290
HYDRA-025-96	SMF-02	POST	44.00	83.00	0.00	22423	1.19	0.74	0.688	0.346
HYDRA-025-96	SMF-02	POST	45.00	83.08	0.00	22672	1.33	0.86	0.793	0.412
HYDRA-025-96	SMF-02	POST	46.00	83.24	0.00	23232	2.73	1.15	0.960	0.495
HYDRA-025-96	SMF-02	POST	47.00	83.96	0.00	25675	10.53	2.69	1.508	0.654
HYDRA-025-96	SMF-02	POST	48.00	85.19	0.00	29816	19.80	12.71	2.762	1.290
HYDRA-025-96	SMF-02	POST	49.00	85.15	0.00	29704	8.52	12.02	3.932	2.312
HYDRA-025-96	SMF-02	POST	50.00	84.83	0.00	28616	3.93	6.33	4.446	3.070
HYDRA-025-96	SMF-02	POST	51.00	84.59	0.00	27800	2.37	4.35	4.707	3.511
HYDRA-025-96	SMF-02	POST	52.00	84.35	0.00	26976	1.93	3.67	4.885	3.843
HYDRA-025-96	SMF-02	POST	53.00	84.13	0.00	26235	1.60	3.10	5.031	4.122
HYDRA-025-96	SMF-02	POST	54.00	83.95	0.00	25638	1.60	2.66	5.163	4.361
HYDRA-025-96	SMF-02	POST	55.00	83.80	0.00	25131	1.26	2.31	5.281	4.566
HYDRA-025-96	SMF-02	POST	56.00	83.67	0.00	24693	1.26	2.02	5.385	4.745
HYDRA-025-96	SMF-02	POST	57.00	83.57	0.00	24333	1.09	1.79	5.483	4.902
HYDRA-025-96	SMF-02	POST	58.00	83.48	0.00	24032	1.09	1.60	5.573	5.043
HYDRA-025-96	SMF-02	POST	59.00	83.40	0.00	23768	0.92	1.45	5.656	5.169
HYDRA-025-96	SMF-02	POST	60.00	83.33	0.00	23534	0.93	1.31	5.733	5.283
HYDRA-025-96	SMF-02	POST	61.00	83.28	0.00	23345	0.87	1.21	5.807	5.387
HYDRA-025-96	SMF-02	POST	62.00	83.23	0.00	23190	0.87	1.13	5.879	5.484
HYDRA-025-96	SMF-02	POST	63.00	83.19	0.00	23045	0.75	1.05	5.946	5.573
HYDRA-025-96	SMF-02	POST	64.00	83.15	0.00	22909	0.76	0.98	6.008	5.657
HYDRA-025-96	SMF-02	POST	65.00	83.11	0.00	22791	0.70	0.92	6.068	5.735
HYDRA-025-96	SMF-02	POST	66.00	83.08	0.00	22688	0.70	0.87	6.126	5.809
HYDRA-025-96	SMF-02	POST	67.00	83.05	0.00	22594	0.64	0.82	6.181	5.879
HYDRA-025-96	SMF-02	POST	68.00	83.03	0.00	22508	0.64	0.78	6.234	5.945
HYDRA-025-96	SMF-02	POST	69.00	83.01	0.00	22442	0.64	0.75	6.288	6.008
HYDRA-025-96	SMF-02	POST	70.00	82.99	0.00	22390	0.64	0.73	6.341	6.069
HYDRA-025-96	SMF-02	POST	71.00	82.97	0.00	22321	0.53	0.69	6.389	6.128
HYDRA-025-96	SMF-02	POST	72.00	82.95	0.00	22240	0.53	0.66	6.432	6.184
HYDRA-025-96	SMF-02	POST	73.00	82.94	0.00	22192	0.59	0.64	6.478	6.237
HYDRA-025-96	SMF-02	POST	74.00	82.93	0.00	22168	0.59	0.62	6.527	6.289
HYDRA-025-96	SMF-02	POST	75.00	82.91	0.00	22119	0.47	0.60	6.570	6.340
HYDRA-025-96	SMF-02	POST	76.00	82.89	0.00	22053	0.47	0.58	6.609	6.389
HYDRA-025-96	SMF-02	POST	77.00	82.88	0.00	22016	0.53	0.56	6.650	6.436
HYDRA-025-96	SMF-02	POST	78.00	82.88	0.00	22001	0.53	0.55	6.694	6.482
HYDRA-025-96	SMF-02	POST	79.00	82.87	0.00	21974	0.47	0.54	6.735	6.527
HYDRA-025-96	SMF-02	POST	80.00	82.86	0.00	21939	0.47	0.53	6.774	6.571
HYDRA-025-96	SMF-02	POST	81.00	82.85	0.00	21896	0.41	0.51	6.811	6.614

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-02	POST	82.00	82.83	0.00	21847	0.41	0.49	6.845	6.655
HYDRA-025-96	SMF-02	POST	83.00	82.82	0.00	21809	0.41	0.47	6.879	6.695
HYDRA-025-96	SMF-02	POST	84.00	82.81	0.00	21778	0.41	0.46	6.913	6.733
HYDRA-025-96	SMF-02	POST	85.00	82.81	0.00	21753	0.41	0.45	6.947	6.771
HYDRA-025-96	SMF-02	POST	86.00	82.80	0.00	21734	0.41	0.44	6.981	6.808
HYDRA-025-96	SMF-02	POST	87.00	82.80	0.00	21718	0.41	0.44	7.015	6.845
HYDRA-025-96	SMF-02	POST	88.00	82.79	0.00	21706	0.41	0.43	7.049	6.881
HYDRA-025-96	SMF-02	POST	89.00	82.79	0.00	21696	0.41	0.43	7.084	6.916
HYDRA-025-96	SMF-02	POST	90.00	82.79	0.00	21688	0.41	0.43	7.118	6.952
HYDRA-025-96	SMF-02	POST	91.00	82.78	0.00	21666	0.36	0.42	7.150	6.986
HYDRA-025-96	SMF-02	POST	92.00	82.77	0.00	21635	0.36	0.41	7.179	7.020
HYDRA-025-96	SMF-02	POST	93.00	82.76	0.00	21609	0.35	0.40	7.208	7.054
HYDRA-025-96	SMF-02	POST	94.00	82.76	0.00	21588	0.35	0.39	7.238	7.086
HYDRA-025-96	SMF-02	POST	95.00	82.75	0.00	21555	0.30	0.38	7.264	7.118
HYDRA-025-96	SMF-02	POST	96.00	82.74	0.00	21514	0.29	0.36	7.289	7.148
HYDRA-025-96	SMF-08	POST	0.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	0.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	0.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	0.50	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	0.68	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	0.85	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.02	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.35	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.52	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.68	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	1.85	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.02	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.35	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.52	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	2.83	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	3.83	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	4.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	5.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.50	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	6.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.33	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.50	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	7.83	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	8.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	9.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.26	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.43	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.50	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.59	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.76	83.00	0.00	58819	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-08	POST	10.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	10.92	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.00	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.09	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.17	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.26	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.33	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.42	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.50	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.59	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.76	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.83	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	11.92	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.09	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.18	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.25	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.34	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.42	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.51	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.59	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.67	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.75	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.84	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	12.92	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	13.01	83.00	0.00	58819	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-08	POST	13.08	83.00	0.00	126	6.94	0.00	0.022	0.000
HYDRA-025-96	SMF-08	POST	13.17	83.00	0.00	126	7.36	0.00	0.071	0.000
HYDRA-025-96	SMF-08	POST	13.25	83.00	0.00	126	7.43	0.00	0.122	0.000
HYDRA-025-96	SMF-08	POST	13.33	83.00	0.00	126	7.46	0.00	0.173	0.000
HYDRA-025-96	SMF-08	POST	13.42	83.00	0.00	126	7.47	0.00	0.224	0.000
HYDRA-025-96	SMF-08	POST	13.50	83.00	0.00	126	7.48	0.00	0.276	0.000
HYDRA-025-96	SMF-08	POST	13.58	83.00	0.00	126	7.49	0.00	0.327	0.000
HYDRA-025-96	SMF-08	POST	13.67	83.00	0.00	126	7.49	0.00	0.379	0.000
HYDRA-025-96	SMF-08	POST	13.75	83.00	0.00	126	7.49	0.00	0.431	0.000
HYDRA-025-96	SMF-08	POST	13.83	83.00	0.00	126	7.50	0.00	0.482	0.000
HYDRA-025-96	SMF-08	POST	13.92	83.00	0.00	126	7.50	0.00	0.534	0.000
HYDRA-025-96	SMF-08	POST	14.00	83.00	0.00	126	7.50	0.00	0.585	0.000
HYDRA-025-96	SMF-08	POST	14.08	83.00	0.00	126	7.50	0.00	0.637	0.000
HYDRA-025-96	SMF-08	POST	14.17	83.00	0.00	126	7.50	0.00	0.689	0.000
HYDRA-025-96	SMF-08	POST	14.25	83.00	0.00	126	7.50	0.00	0.740	0.000
HYDRA-025-96	SMF-08	POST	14.33	83.00	0.00	126	7.50	0.00	0.792	0.000
HYDRA-025-96	SMF-08	POST	14.42	83.00	0.00	126	7.50	0.00	0.844	0.000
HYDRA-025-96	SMF-08	POST	14.50	83.00	0.00	126	7.50	0.00	0.895	0.000
HYDRA-025-96	SMF-08	POST	14.58	83.00	0.00	126	7.50	0.00	0.947	0.000
HYDRA-025-96	SMF-08	POST	14.67	83.00	0.00	126	7.50	0.00	0.999	0.000
HYDRA-025-96	SMF-08	POST	14.75	83.00	0.00	126	7.50	0.00	1.050	0.000
HYDRA-025-96	SMF-08	POST	14.83	83.00	0.00	126	7.50	0.00	1.102	0.000
HYDRA-025-96	SMF-08	POST	14.92	83.00	0.00	126	7.50	0.00	1.154	0.000
HYDRA-025-96	SMF-08	POST	15.00	83.00	0.00	126	7.51	0.00	1.205	0.000
HYDRA-025-96	SMF-08	POST	15.08	83.00	0.00	126	7.50	0.00	1.257	0.000
HYDRA-025-96	SMF-08	POST	15.17	83.00	0.00	126	7.50	0.00	1.309	0.000
HYDRA-025-96	SMF-08	POST	15.25	83.00	0.00	126	7.51	0.00	1.361	0.000
HYDRA-025-96	SMF-08	POST	15.33	83.00	0.00	126	7.51	0.00	1.412	0.000
HYDRA-025-96	SMF-08	POST	15.42	83.00	0.00	126	7.51	0.00	1.464	0.000
HYDRA-025-96	SMF-08	POST	15.50	83.00	0.00	126	7.51	0.00	1.516	0.000
HYDRA-025-96	SMF-08	POST	15.58	83.00	0.00	126	7.51	0.00	1.567	0.000
HYDRA-025-96	SMF-08	POST	15.67	83.00	0.00	126	7.51	0.00	1.619	0.000
HYDRA-025-96	SMF-08	POST	15.75	83.00	0.00	126	7.51	0.00	1.671	0.000
HYDRA-025-96	SMF-08	POST	15.83	83.00	0.00	126	7.51	0.00	1.722	0.000
HYDRA-025-96	SMF-08	POST	15.92	83.00	0.00	126	7.51	0.00	1.774	0.000
HYDRA-025-96	SMF-08	POST	16.00	83.00	0.00	126	7.51	0.00	1.826	0.000
HYDRA-025-96	SMF-08	POST	16.08	83.00	0.00	126	7.51	0.00	1.878	0.000
HYDRA-025-96	SMF-08	POST	16.17	83.00	0.00	126	7.51	0.00	1.929	0.000
HYDRA-025-96	SMF-08	POST	16.25	83.00	0.00	126	7.52	0.00	1.981	0.000
HYDRA-025-96	SMF-08	POST	16.33	83.00	0.00	126	7.52	0.00	2.033	0.000
HYDRA-025-96	SMF-08	POST	16.42	83.00	0.00	126	7.52	0.00	2.085	0.000
HYDRA-025-96	SMF-08	POST	16.50	83.00	0.00	126	7.52	0.00	2.137	0.000
HYDRA-025-96	SMF-08	POST	16.58	83.00	0.00	126	7.52	0.00	2.188	0.000
HYDRA-025-96	SMF-08	POST	16.67	83.00	0.00	126	7.52	0.00	2.240	0.000
HYDRA-025-96	SMF-08	POST	16.75	83.00	0.00	126	7.52	0.00	2.292	0.000
HYDRA-025-96	SMF-08	POST	16.83	83.00	0.00	126	7.52	0.00	2.344	0.000
HYDRA-025-96	SMF-08	POST	16.92	83.00	0.00	126	7.52	0.00	2.396	0.000
HYDRA-025-96	SMF-08	POST	17.00	83.00	0.00	126	7.52	0.00	2.447	0.000
HYDRA-025-96	SMF-08	POST	17.25	83.00	0.00	58830	4.73	0.00	2.574	0.000
HYDRA-025-96	SMF-08	POST	17.50	83.00	0.00	58839	4.56	0.00	2.670	0.000
HYDRA-025-96	SMF-08	POST	17.75	83.00	0.00	58843	4.54	0.00	2.764	0.000
HYDRA-025-96	SMF-08	POST	18.00	83.01	0.00	58847	4.54	0.00	2.858	0.000
HYDRA-025-96	SMF-08	POST	18.25	83.01	0.00	58850	4.54	0.00	2.952	0.000
HYDRA-025-96	SMF-08	POST	18.50	83.01	0.00	58853	4.54	0.00	3.045	0.000
HYDRA-025-96	SMF-08	POST	18.75	83.01	0.00	58857	4.54	0.00	3.139	0.000
HYDRA-025-96	SMF-08	POST	19.00	83.01	0.00	58860	4.55	0.00	3.233	0.000
HYDRA-025-96	SMF-08	POST	19.25	83.01	0.00	58864	4.55	0.00	3.327	0.000
HYDRA-025-96	SMF-08	POST	19.50	83.01	0.00	58869	4.55	0.00	3.421	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-08	POST	19.75	83.01	0.00	58873	4.56	0.00	3.515	0.000
HYDRA-025-96	SMF-08	POST	20.00	83.01	0.00	58878	4.56	0.00	3.609	0.000
HYDRA-025-96	SMF-08	POST	20.25	83.01	0.00	58883	4.57	0.00	3.704	0.000
HYDRA-025-96	SMF-08	POST	20.50	83.01	0.00	58888	4.57	0.00	3.798	0.000
HYDRA-025-96	SMF-08	POST	20.75	83.01	0.00	58894	4.57	0.00	3.893	0.000
HYDRA-025-96	SMF-08	POST	21.00	83.02	0.00	58900	4.58	0.00	3.987	0.000
HYDRA-025-96	SMF-08	POST	21.25	83.02	0.00	58906	4.58	0.00	4.082	0.000
HYDRA-025-96	SMF-08	POST	21.50	83.02	0.00	58912	4.58	0.00	4.176	0.001
HYDRA-025-96	SMF-08	POST	21.75	83.02	0.00	58919	4.59	0.00	4.271	0.001
HYDRA-025-96	SMF-08	POST	22.00	83.02	0.00	58926	4.59	0.00	4.366	0.001
HYDRA-025-96	SMF-08	POST	22.25	83.02	0.00	58933	4.59	0.00	4.461	0.001
HYDRA-025-96	SMF-08	POST	22.50	83.02	0.00	58941	4.60	0.01	4.556	0.001
HYDRA-025-96	SMF-08	POST	22.75	83.03	0.00	58948	4.60	0.01	4.651	0.001
HYDRA-025-96	SMF-08	POST	23.00	83.03	0.00	58956	4.60	0.01	4.746	0.001
HYDRA-025-96	SMF-08	POST	23.25	83.03	0.00	58964	4.61	0.01	4.841	0.001
HYDRA-025-96	SMF-08	POST	23.50	83.03	0.00	58972	4.61	0.01	4.936	0.001
HYDRA-025-96	SMF-08	POST	23.75	83.03	0.00	58981	4.61	0.01	5.032	0.002
HYDRA-025-96	SMF-08	POST	24.00	83.03	0.00	58989	4.62	0.01	5.127	0.002
HYDRA-025-96	SMF-08	POST	24.25	83.04	0.00	58999	4.63	0.01	5.223	0.002
HYDRA-025-96	SMF-08	POST	24.50	83.04	0.00	59009	4.64	0.01	5.318	0.002
HYDRA-025-96	SMF-08	POST	24.75	83.04	0.00	59020	4.65	0.01	5.414	0.002
HYDRA-025-96	SMF-08	POST	25.00	83.04	0.00	59031	4.65	0.01	5.510	0.003
HYDRA-025-96	SMF-08	POST	25.25	83.04	0.00	59042	4.66	0.01	5.607	0.003
HYDRA-025-96	SMF-08	POST	25.50	83.05	0.00	59054	4.66	0.01	5.703	0.003
HYDRA-025-96	SMF-08	POST	25.75	83.05	0.00	59065	4.66	0.02	5.799	0.003
HYDRA-025-96	SMF-08	POST	26.00	83.05	0.00	59078	4.67	0.02	5.895	0.004
HYDRA-025-96	SMF-08	POST	26.25	83.05	0.00	59090	4.67	0.02	5.992	0.004
HYDRA-025-96	SMF-08	POST	26.50	83.06	0.00	59102	4.67	0.02	6.088	0.004
HYDRA-025-96	SMF-08	POST	26.75	83.06	0.00	59115	4.68	0.02	6.185	0.005
HYDRA-025-96	SMF-08	POST	27.00	83.06	0.00	59128	4.68	0.02	6.282	0.005
HYDRA-025-96	SMF-08	POST	27.25	83.06	0.00	59141	4.69	0.02	6.379	0.006
HYDRA-025-96	SMF-08	POST	27.50	83.07	0.00	59154	4.69	0.02	6.475	0.006
HYDRA-025-96	SMF-08	POST	27.75	83.07	0.00	59168	4.69	0.03	6.572	0.007
HYDRA-025-96	SMF-08	POST	28.00	83.07	0.00	59182	4.70	0.03	6.669	0.007
HYDRA-025-96	SMF-08	POST	28.25	83.07	0.00	59196	4.72	0.03	6.767	0.008
HYDRA-025-96	SMF-08	POST	28.50	83.08	0.00	59212	4.73	0.03	6.864	0.008
HYDRA-025-96	SMF-08	POST	28.75	83.08	0.00	59228	4.74	0.03	6.962	0.009
HYDRA-025-96	SMF-08	POST	29.00	83.08	0.00	59245	4.74	0.03	7.060	0.010
HYDRA-025-96	SMF-08	POST	29.25	83.09	0.00	59262	4.75	0.04	7.158	0.011
HYDRA-025-96	SMF-08	POST	29.50	83.09	0.00	59279	4.75	0.04	7.256	0.011
HYDRA-025-96	SMF-08	POST	29.75	83.09	0.00	59297	4.76	0.04	7.354	0.012
HYDRA-025-96	SMF-08	POST	30.00	83.10	0.00	59314	4.76	0.04	7.453	0.013
HYDRA-025-96	SMF-08	POST	31.00	83.11	0.00	59386	4.78	0.05	7.847	0.017
HYDRA-025-96	SMF-08	POST	32.00	83.13	0.00	59461	4.80	0.06	8.243	0.022
HYDRA-025-96	SMF-08	POST	33.00	83.14	0.00	59546	4.86	0.08	8.642	0.028
HYDRA-025-96	SMF-08	POST	34.00	83.16	0.00	59641	4.88	0.09	9.044	0.035
HYDRA-025-96	SMF-08	POST	35.00	83.18	0.00	59746	4.95	0.11	9.451	0.043
HYDRA-025-96	SMF-08	POST	36.00	83.21	0.00	59862	4.98	0.13	9.861	0.053
HYDRA-025-96	SMF-08	POST	37.00	83.23	0.00	59984	5.03	0.16	10.275	0.065
HYDRA-025-96	SMF-08	POST	38.00	83.25	0.00	60112	5.06	0.18	10.692	0.079
HYDRA-025-96	SMF-08	POST	39.00	83.28	0.00	60256	5.17	0.21	11.115	0.095
HYDRA-025-96	SMF-08	POST	40.00	83.31	0.00	60415	5.20	0.25	11.543	0.114
HYDRA-025-96	SMF-08	POST	41.00	83.35	0.00	60601	5.37	0.29	11.980	0.136
HYDRA-025-96	SMF-08	POST	42.00	83.39	0.00	60811	5.41	0.35	12.425	0.163
HYDRA-025-96	SMF-08	POST	43.00	83.44	0.00	61059	5.62	0.41	12.881	0.194
HYDRA-025-96	SMF-08	POST	44.00	83.50	0.00	61343	5.67	0.49	13.347	0.232
HYDRA-025-96	SMF-08	POST	45.00	83.55	0.00	61637	5.76	0.58	13.819	0.276
HYDRA-025-96	SMF-08	POST	46.00	83.65	0.00	62137	3.98	0.75	14.222	0.331
HYDRA-025-96	SMF-08	POST	47.00	83.98	0.00	63776	10.19	1.36	14.807	0.418
HYDRA-025-96	SMF-08	POST	48.00	84.55	0.00	66700	16.63	6.47	15.916	0.742
HYDRA-025-96	SMF-08	POST	49.00	84.73	0.00	67619	11.42	9.72	17.075	1.412
HYDRA-025-96	SMF-08	POST	50.00	84.63	0.00	67094	8.69	7.80	17.906	2.136
HYDRA-025-96	SMF-08	POST	51.00	84.53	0.00	66583	7.64	6.10	18.581	2.710
HYDRA-025-96	SMF-08	POST	52.00	84.45	0.00	66204	7.18	4.96	19.194	3.167
HYDRA-025-96	SMF-08	POST	53.00	84.39	0.00	65898	6.60	4.13	19.763	3.543
HYDRA-025-96	SMF-08	POST	54.00	84.35	0.00	65658	6.32	3.51	20.297	3.859
HYDRA-025-96	SMF-08	POST	55.00	84.31	0.00	65460	5.86	3.04	20.800	4.130
HYDRA-025-96	SMF-08	POST	56.00	84.28	0.00	65299	5.71	2.70	21.278	4.367
HYDRA-025-96	SMF-08	POST	57.00	84.25	0.00	65172	5.50	2.45	21.742	4.579
HYDRA-025-96	SMF-08	POST	58.00	84.23	0.00	65070	5.41	2.26	22.192	4.774
HYDRA-025-96	SMF-08	POST	59.00	84.21	0.00	64983	5.24	2.12	22.633	4.955
HYDRA-025-96	SMF-08	POST	60.00	84.20	0.00	64905	5.20	2.00	23.064	5.125
HYDRA-025-96	SMF-08	POST	61.00	84.19	0.00	64842	5.12	1.92	23.490	5.287
HYDRA-025-96	SMF-08	POST	62.00	84.17	0.00	64789	5.10	1.85	23.913	5.443
HYDRA-025-96	SMF-08	POST	63.00	84.16	0.00	64735	5.00	1.80	24.330	5.594
HYDRA-025-96	SMF-08	POST	64.00	84.15	0.00	64679	4.99	1.75	24.743	5.740
HYDRA-025-96	SMF-08	POST	65.00	84.14	0.00	64625	4.94	1.73	25.153	5.884
HYDRA-025-96	SMF-08	POST	66.00	84.13	0.00	64569	4.93	1.70	25.561	6.026
HYDRA-025-96	SMF-08	POST	67.00	84.12	0.00	64510	4.88	1.67	25.967	6.165
HYDRA-025-96	SMF-08	POST	68.00	84.11	0.00	64447	4.87	1.65	26.370	6.302
HYDRA-025-96	SMF-08	POST	69.00	84.10	0.00	64387	4.86	1.62	26.772	6.438
HYDRA-025-96	SMF-08	POST	70.00	84.08	0.00	64331	4.86	1.60	27.174	6.570
HYDRA-025-96	SMF-08	POST	71.00	84.07	0.00	64264	4.77	1.57	27.571	6.701
HYDRA-025-96	SMF-08	POST	72.00	84.06	0.00	64187	4.78	1.53	27.966	6.829
HYDRA-025-96	SMF-08	POST	73.00	84.04	0.00	64118	4.86	1.50	28.364	6.955

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-08	POST	74.00	84.03	0.00	64063	4.85	1.48	28.766	7.078
HYDRA-025-96	SMF-08	POST	75.00	84.02	0.00	63998	4.72	1.45	29.161	7.200
HYDRA-025-96	SMF-08	POST	76.00	84.00	0.00	63922	4.71	1.42	29.551	7.319
HYDRA-025-96	SMF-08	POST	77.00	83.99	0.00	63854	4.79	1.39	29.943	7.435
HYDRA-025-96	SMF-08	POST	78.00	83.98	0.00	63797	4.87	1.37	30.342	7.549
HYDRA-025-96	SMF-08	POST	79.00	83.97	0.00	63737	4.90	1.35	30.746	7.661
HYDRA-025-96	SMF-08	POST	80.00	83.96	0.00	63674	5.26	1.32	31.165	7.772
HYDRA-025-96	SMF-08	POST	81.00	83.94	0.00	63607	5.21	1.29	31.598	7.880
HYDRA-025-96	SMF-08	POST	82.00	83.93	0.00	63537	5.21	1.26	32.028	7.985
HYDRA-025-96	SMF-08	POST	83.00	83.92	0.00	63471	5.20	1.24	32.458	8.089
HYDRA-025-96	SMF-08	POST	84.00	83.90	0.00	63411	5.13	1.21	32.885	8.190
HYDRA-025-96	SMF-08	POST	85.00	83.89	0.00	63346	5.20	1.19	33.312	8.289
HYDRA-025-96	SMF-08	POST	86.00	83.88	0.00	63290	5.20	1.17	33.742	8.386
HYDRA-025-96	SMF-08	POST	87.00	83.87	0.00	63235	5.17	1.14	34.170	8.482
HYDRA-025-96	SMF-08	POST	88.00	83.86	0.00	63184	5.18	1.13	34.598	8.576
HYDRA-025-96	SMF-08	POST	89.00	83.85	0.00	63135	5.18	1.11	35.026	8.668
HYDRA-025-96	SMF-08	POST	90.00	83.84	0.00	63089	5.18	1.09	35.454	8.759
HYDRA-025-96	SMF-08	POST	91.00	83.83	0.00	63039	5.13	1.07	35.880	8.848
HYDRA-025-96	SMF-08	POST	92.00	83.82	0.00	62983	5.13	1.05	36.304	8.935
HYDRA-025-96	SMF-08	POST	93.00	83.81	0.00	62930	5.13	1.03	36.728	9.021
HYDRA-025-96	SMF-08	POST	94.00	83.80	0.00	62880	5.13	1.01	37.152	9.105
HYDRA-025-96	SMF-08	POST	95.00	83.79	0.00	62825	5.08	0.99	37.574	9.188
HYDRA-025-96	SMF-08	POST	96.00	83.78	0.00	62765	5.07	0.97	37.993	9.269
HYDRA-025-96	SMF-09	POST	0.00	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	0.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	0.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	0.50	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	0.68	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	0.85	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.02	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.35	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.52	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.68	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	1.85	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.02	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.35	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.52	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	2.83	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.00	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	3.83	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	4.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	5.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.00	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.50	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	6.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.00	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.33	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.50	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	7.83	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	8.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	9.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.00	83.00	0.00	27015	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-09	POST	10.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.26	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.43	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.50	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.59	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.76	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	10.92	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.00	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.09	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.17	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.26	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.33	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.42	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.50	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.59	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.76	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.83	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	11.92	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.09	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.18	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.25	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.34	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.42	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.51	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.59	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.67	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.75	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.84	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	12.92	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	13.01	83.00	0.00	27015	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-09	POST	13.08	83.00	0.00	27018	-1.74	0.60	-0.005	0.002
HYDRA-025-96	SMF-09	POST	13.17	83.00	0.00	27022	-1.85	0.74	-0.018	0.006
HYDRA-025-96	SMF-09	POST	13.25	83.00	0.00	27023	-1.84	0.78	-0.030	0.012
HYDRA-025-96	SMF-09	POST	13.33	83.00	0.00	27023	-1.83	0.80	-0.043	0.017
HYDRA-025-96	SMF-09	POST	13.42	83.00	0.00	27024	-1.83	0.81	-0.056	0.023
HYDRA-025-96	SMF-09	POST	13.50	83.00	0.00	27024	-1.83	0.82	-0.068	0.028
HYDRA-025-96	SMF-09	POST	13.58	83.00	0.00	27024	-1.82	0.82	-0.081	0.034
HYDRA-025-96	SMF-09	POST	13.67	83.00	0.00	27024	-1.82	0.83	-0.093	0.040
HYDRA-025-96	SMF-09	POST	13.75	83.00	0.00	27025	-1.82	0.83	-0.106	0.045
HYDRA-025-96	SMF-09	POST	13.83	83.00	0.00	27025	-1.82	0.83	-0.119	0.051
HYDRA-025-96	SMF-09	POST	13.92	83.00	0.00	27025	-1.82	0.83	-0.131	0.057
HYDRA-025-96	SMF-09	POST	14.00	83.00	0.00	27025	-1.82	0.83	-0.144	0.062
HYDRA-025-96	SMF-09	POST	14.08	83.00	0.00	27025	-1.82	0.83	-0.156	0.068
HYDRA-025-96	SMF-09	POST	14.17	83.00	0.00	27025	-1.82	0.83	-0.169	0.074
HYDRA-025-96	SMF-09	POST	14.25	83.00	0.00	27025	-1.82	0.83	-0.181	0.080
HYDRA-025-96	SMF-09	POST	14.33	83.00	0.00	27026	-1.83	0.83	-0.194	0.085
HYDRA-025-96	SMF-09	POST	14.42	83.00	0.00	27026	-1.83	0.83	-0.206	0.091
HYDRA-025-96	SMF-09	POST	14.50	83.00	0.00	27026	-1.83	0.83	-0.219	0.097
HYDRA-025-96	SMF-09	POST	14.58	83.00	0.00	27026	-1.83	0.83	-0.232	0.103
HYDRA-025-96	SMF-09	POST	14.67	83.00	0.00	27026	-1.83	0.83	-0.244	0.108
HYDRA-025-96	SMF-09	POST	14.75	83.00	0.00	27026	-1.83	0.83	-0.257	0.114
HYDRA-025-96	SMF-09	POST	14.83	83.00	0.00	27027	-1.83	0.83	-0.269	0.120
HYDRA-025-96	SMF-09	POST	14.92	83.00	0.00	27027	-1.83	0.83	-0.282	0.125
HYDRA-025-96	SMF-09	POST	15.00	83.00	0.00	27027	-1.83	0.83	-0.295	0.131
HYDRA-025-96	SMF-09	POST	15.08	83.00	0.00	27029	-1.72	0.83	-0.307	0.137
HYDRA-025-96	SMF-09	POST	15.17	83.00	0.00	27029	-1.71	0.83	-0.319	0.143
HYDRA-025-96	SMF-09	POST	15.25	83.00	0.00	27029	-1.71	0.83	-0.330	0.148
HYDRA-025-96	SMF-09	POST	15.33	83.00	0.00	27029	-1.71	0.83	-0.342	0.154
HYDRA-025-96	SMF-09	POST	15.42	83.00	0.00	27030	-1.71	0.83	-0.354	0.160
HYDRA-025-96	SMF-09	POST	15.50	83.00	0.00	27030	-1.71	0.83	-0.366	0.165
HYDRA-025-96	SMF-09	POST	15.58	83.00	0.00	27030	-1.71	0.83	-0.377	0.171
HYDRA-025-96	SMF-09	POST	15.67	83.00	0.00	27031	-1.70	0.83	-0.389	0.177
HYDRA-025-96	SMF-09	POST	15.75	83.00	0.00	27031	-1.70	0.83	-0.401	0.183
HYDRA-025-96	SMF-09	POST	15.83	83.00	0.00	27032	-1.70	0.83	-0.413	0.188
HYDRA-025-96	SMF-09	POST	15.92	83.00	0.00	27032	-1.70	0.83	-0.424	0.194
HYDRA-025-96	SMF-09	POST	16.00	83.00	0.00	27033	-1.70	0.83	-0.436	0.200
HYDRA-025-96	SMF-09	POST	16.08	83.01	0.00	27033	-1.70	0.83	-0.448	0.205
HYDRA-025-96	SMF-09	POST	16.17	83.01	0.00	27033	-1.70	0.83	-0.460	0.211
HYDRA-025-96	SMF-09	POST	16.25	83.01	0.00	27034	-1.70	0.83	-0.471	0.217
HYDRA-025-96	SMF-09	POST	16.33	83.01	0.00	27035	-1.70	0.83	-0.483	0.223
HYDRA-025-96	SMF-09	POST	16.42	83.01	0.00	27035	-1.70	0.83	-0.495	0.228
HYDRA-025-96	SMF-09	POST	16.50	83.01	0.00	27036	-1.70	0.83	-0.506	0.234
HYDRA-025-96	SMF-09	POST	16.58	83.01	0.00	27036	-1.70	0.83	-0.518	0.240
HYDRA-025-96	SMF-09	POST	16.67	83.01	0.00	27037	-1.70	0.83	-0.530	0.245
HYDRA-025-96	SMF-09	POST	16.75	83.01	0.00	27038	-1.70	0.83	-0.542	0.251
HYDRA-025-96	SMF-09	POST	16.83	83.01	0.00	27038	-1.70	0.83	-0.553	0.257
HYDRA-025-96	SMF-09	POST	16.92	83.01	0.00	27039	-1.70	0.83	-0.565	0.263
HYDRA-025-96	SMF-09	POST	17.00	83.01	0.00	27040	-1.70	0.83	-0.577	0.268
HYDRA-025-96	SMF-09	POST	17.25	83.01	0.00	27034	-1.51	0.93	-0.610	0.286
HYDRA-025-96	SMF-09	POST	17.50	83.00	0.00	27033	-1.67	0.83	-0.643	0.305

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-09	POST	17.75	83.01	0.00	27034	-1.68	0.80	-0.677	0.321
HYDRA-025-96	SMF-09	POST	18.00	83.01	0.00	27035	-1.68	0.80	-0.712	0.338
HYDRA-025-96	SMF-09	POST	18.25	83.01	0.00	27038	-1.68	0.79	-0.747	0.354
HYDRA-025-96	SMF-09	POST	18.50	83.01	0.00	27040	-1.68	0.79	-0.782	0.371
HYDRA-025-96	SMF-09	POST	18.75	83.01	0.00	27042	-1.68	0.79	-0.816	0.387
HYDRA-025-96	SMF-09	POST	19.00	83.01	0.00	27045	-1.68	0.79	-0.851	0.404
HYDRA-025-96	SMF-09	POST	19.25	83.01	0.00	27048	-1.68	0.79	-0.886	0.420
HYDRA-025-96	SMF-09	POST	19.50	83.01	0.00	27050	-1.68	0.79	-0.920	0.436
HYDRA-025-96	SMF-09	POST	19.75	83.01	0.00	27053	-1.68	0.79	-0.955	0.453
HYDRA-025-96	SMF-09	POST	20.00	83.01	0.00	27057	-1.67	0.79	-0.990	0.469
HYDRA-025-96	SMF-09	POST	20.25	83.01	0.00	27060	-1.67	0.79	-1.024	0.486
HYDRA-025-96	SMF-09	POST	20.50	83.01	0.00	27064	-1.67	0.79	-1.059	0.502
HYDRA-025-96	SMF-09	POST	20.75	83.01	0.00	27068	-1.67	0.79	-1.093	0.518
HYDRA-025-96	SMF-09	POST	21.00	83.02	0.00	27072	-1.67	0.79	-1.128	0.535
HYDRA-025-96	SMF-09	POST	21.25	83.02	0.00	27076	-1.67	0.79	-1.162	0.551
HYDRA-025-96	SMF-09	POST	21.50	83.02	0.00	27080	-1.66	0.79	-1.196	0.567
HYDRA-025-96	SMF-09	POST	21.75	83.02	0.00	27085	-1.66	0.79	-1.231	0.584
HYDRA-025-96	SMF-09	POST	22.00	83.02	0.00	27090	-1.66	0.79	-1.265	0.600
HYDRA-025-96	SMF-09	POST	22.25	83.02	0.00	27094	-1.66	0.79	-1.299	0.616
HYDRA-025-96	SMF-09	POST	22.50	83.02	0.00	27099	-1.66	0.79	-1.334	0.632
HYDRA-025-96	SMF-09	POST	22.75	83.03	0.00	27105	-1.66	0.79	-1.368	0.649
HYDRA-025-96	SMF-09	POST	23.00	83.03	0.00	27110	-1.66	0.79	-1.402	0.665
HYDRA-025-96	SMF-09	POST	23.25	83.03	0.00	27115	-1.65	0.79	-1.436	0.681
HYDRA-025-96	SMF-09	POST	23.50	83.03	0.00	27121	-1.65	0.79	-1.471	0.697
HYDRA-025-96	SMF-09	POST	23.75	83.03	0.00	27127	-1.65	0.79	-1.505	0.714
HYDRA-025-96	SMF-09	POST	24.00	83.03	0.00	27133	-1.65	0.78	-1.539	0.730
HYDRA-025-96	SMF-09	POST	24.25	83.04	0.00	27139	-1.64	0.78	-1.573	0.746
HYDRA-025-96	SMF-09	POST	24.50	83.04	0.00	27146	-1.64	0.78	-1.607	0.762
HYDRA-025-96	SMF-09	POST	24.75	83.04	0.00	27154	-1.64	0.78	-1.640	0.778
HYDRA-025-96	SMF-09	POST	25.00	83.04	0.00	27161	-1.63	0.78	-1.674	0.795
HYDRA-025-96	SMF-09	POST	25.25	83.04	0.00	27169	-1.63	0.78	-1.708	0.811
HYDRA-025-96	SMF-09	POST	25.50	83.05	0.00	27177	-1.63	0.78	-1.742	0.827
HYDRA-025-96	SMF-09	POST	25.75	83.05	0.00	27185	-1.63	0.78	-1.775	0.843
HYDRA-025-96	SMF-09	POST	26.00	83.05	0.00	27193	-1.63	0.78	-1.809	0.859
HYDRA-025-96	SMF-09	POST	26.25	83.05	0.00	27202	-1.62	0.78	-1.843	0.875
HYDRA-025-96	SMF-09	POST	26.50	83.06	0.00	27210	-1.62	0.78	-1.876	0.891
HYDRA-025-96	SMF-09	POST	26.75	83.06	0.00	27219	-1.62	0.78	-1.910	0.908
HYDRA-025-96	SMF-09	POST	27.00	83.06	0.00	27228	-1.62	0.78	-1.943	0.924
HYDRA-025-96	SMF-09	POST	27.25	83.06	0.00	27237	-1.62	0.78	-1.976	0.940
HYDRA-025-96	SMF-09	POST	27.50	83.07	0.00	27246	-1.61	0.78	-2.010	0.956
HYDRA-025-96	SMF-09	POST	27.75	83.07	0.00	27255	-1.61	0.78	-2.043	0.972
HYDRA-025-96	SMF-09	POST	28.00	83.07	0.00	27265	-1.61	0.78	-2.076	0.988
HYDRA-025-96	SMF-09	POST	28.25	83.07	0.00	27275	-1.60	0.78	-2.110	1.004
HYDRA-025-96	SMF-09	POST	28.50	83.08	0.00	27285	-1.59	0.78	-2.143	1.020
HYDRA-025-96	SMF-09	POST	28.75	83.08	0.00	27297	-1.59	0.78	-2.175	1.036
HYDRA-025-96	SMF-09	POST	29.00	83.08	0.00	27308	-1.59	0.78	-2.208	1.052
HYDRA-025-96	SMF-09	POST	29.25	83.09	0.00	27320	-1.59	0.78	-2.241	1.068
HYDRA-025-96	SMF-09	POST	29.50	83.09	0.00	27332	-1.58	0.78	-2.274	1.084
HYDRA-025-96	SMF-09	POST	29.75	83.09	0.00	27343	-1.58	0.78	-2.307	1.100
HYDRA-025-96	SMF-09	POST	30.00	83.10	0.00	27356	-1.58	0.78	-2.339	1.117
HYDRA-025-96	SMF-09	POST	31.00	83.11	0.00	27405	-1.57	0.78	-2.469	1.181
HYDRA-025-96	SMF-09	POST	32.00	83.13	0.00	27457	-1.56	0.78	-2.599	1.245
HYDRA-025-96	SMF-09	POST	33.00	83.14	0.00	27515	-1.53	0.78	-2.726	1.309
HYDRA-025-96	SMF-09	POST	34.00	83.16	0.00	27580	-1.52	0.78	-2.852	1.373
HYDRA-025-96	SMF-09	POST	35.00	83.18	0.00	27652	-1.49	0.77	-2.977	1.438
HYDRA-025-96	SMF-09	POST	36.00	83.21	0.00	27731	-1.47	0.78	-3.099	1.502
HYDRA-025-96	SMF-09	POST	37.00	83.23	0.00	27816	-1.44	0.78	-3.219	1.566
HYDRA-025-96	SMF-09	POST	38.00	83.25	0.00	27904	-1.43	0.79	-3.338	1.631
HYDRA-025-96	SMF-09	POST	39.00	83.28	0.00	28003	-1.38	0.78	-3.454	1.695
HYDRA-025-96	SMF-09	POST	40.00	83.31	0.00	28112	-1.37	0.79	-3.568	1.760
HYDRA-025-96	SMF-09	POST	41.00	83.35	0.00	28239	-1.30	0.78	-3.679	1.825
HYDRA-025-96	SMF-09	POST	42.00	83.39	0.00	28384	-1.28	0.79	-3.785	1.890
HYDRA-025-96	SMF-09	POST	43.00	83.44	0.00	28554	-1.17	0.77	-3.887	1.954
HYDRA-025-96	SMF-09	POST	44.00	83.50	0.00	28750	-1.15	0.79	-3.983	2.019
HYDRA-025-96	SMF-09	POST	45.00	83.56	0.00	28952	-1.09	0.80	-4.075	2.084
HYDRA-025-96	SMF-09	POST	46.00	83.65	0.00	29287	-0.59	0.57	-4.145	2.141
HYDRA-025-96	SMF-09	POST	47.00	83.97	0.00	30390	3.03	-1.19	-4.044	2.115
HYDRA-025-96	SMF-09	POST	48.00	84.58	0.00	32507	6.84	0.91	-3.636	2.104
HYDRA-025-96	SMF-09	POST	49.00	84.93	0.00	33733	5.00	4.42	-3.147	2.324
HYDRA-025-96	SMF-09	POST	50.00	84.88	0.00	33572	3.94	5.21	-2.777	2.722
HYDRA-025-96	SMF-09	POST	51.00	84.73	0.00	33040	3.18	4.68	-2.483	3.131
HYDRA-025-96	SMF-09	POST	52.00	84.58	0.00	32525	2.55	3.73	-2.246	3.478
HYDRA-025-96	SMF-09	POST	53.00	84.47	0.00	32130	1.98	2.85	-2.059	3.750
HYDRA-025-96	SMF-09	POST	54.00	84.39	0.00	31858	1.62	2.16	-1.910	3.958
HYDRA-025-96	SMF-09	POST	55.00	84.33	0.00	31666	1.29	1.73	-1.790	4.119
HYDRA-025-96	SMF-09	POST	56.00	84.29	0.00	31524	1.12	1.41	-1.690	4.248
HYDRA-025-96	SMF-09	POST	57.00	84.26	0.00	31421	1.01	1.22	-1.602	4.357
HYDRA-025-96	SMF-09	POST	58.00	84.24	0.00	31338	-0.36	1.04	-1.574	4.451
HYDRA-025-96	SMF-09	POST	59.00	84.22	0.00	31272	-0.56	0.95	-1.612	4.533
HYDRA-025-96	SMF-09	POST	60.00	84.20	0.00	31213	-0.66	0.85	-1.663	4.607
HYDRA-025-96	SMF-09	POST	61.00	84.19	0.00	31166	-0.75	0.79	-1.721	4.675
HYDRA-025-96	SMF-09	POST	62.00	84.18	0.00	31127	-0.80	0.74	-1.785	4.739
HYDRA-025-96	SMF-09	POST	63.00	84.17	0.00	31089	-0.88	0.71	-1.854	4.798
HYDRA-025-96	SMF-09	POST	64.00	84.16	0.00	31049	-0.91	0.67	-1.928	4.856
HYDRA-025-96	SMF-09	POST	65.00	84.15	0.00	31011	-0.94	0.66	-2.004	4.911

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-09	POST	66.00	84.14	0.00	30972	-0.96	0.65	-2.083	4.965
HYDRA-025-96	SMF-09	POST	67.00	84.12	0.00	30931	-0.98	0.64	-2.163	5.018
HYDRA-025-96	SMF-09	POST	68.00	84.11	0.00	30888	-0.99	0.63	-2.245	5.071
HYDRA-025-96	SMF-09	POST	69.00	84.10	0.00	30846	-1.00	0.62	-2.327	5.123
HYDRA-025-96	SMF-09	POST	70.00	84.09	0.00	30808	-1.01	0.62	-2.410	5.174
HYDRA-025-96	SMF-09	POST	71.00	84.08	0.00	30762	-1.05	0.62	-2.495	5.225
HYDRA-025-96	SMF-09	POST	72.00	84.06	0.00	30709	-1.06	0.63	-2.582	5.277
HYDRA-025-96	SMF-09	POST	73.00	84.05	0.00	30665	-0.97	0.69	-2.666	5.332
HYDRA-025-96	SMF-09	POST	74.00	84.04	0.00	30627	-0.97	0.68	-2.746	5.388
HYDRA-025-96	SMF-09	POST	75.00	84.02	0.00	30580	-1.04	0.64	-2.829	5.443
HYDRA-025-96	SMF-09	POST	76.00	84.01	0.00	30527	-1.07	0.63	-2.916	5.496
HYDRA-025-96	SMF-09	POST	77.00	84.00	0.00	30483	-1.00	0.67	-3.001	5.550
HYDRA-025-96	SMF-09	POST	78.00	83.98	0.00	30447	-1.06	0.74	-3.087	5.608
HYDRA-025-96	SMF-09	POST	79.00	83.97	0.00	30409	-1.23	0.82	-3.181	5.673
HYDRA-025-96	SMF-09	POST	80.00	83.96	0.00	30366	-1.25	0.99	-3.284	5.747
HYDRA-025-96	SMF-09	POST	81.00	83.95	0.00	30320	-1.28	0.99	-3.388	5.829
HYDRA-025-96	SMF-09	POST	82.00	83.93	0.00	30272	-1.28	0.99	-3.494	5.911
HYDRA-025-96	SMF-09	POST	83.00	83.92	0.00	30225	-1.29	1.00	-3.600	5.993
HYDRA-025-96	SMF-09	POST	84.00	83.91	0.00	30178	-1.17	0.95	-3.702	6.074
HYDRA-025-96	SMF-09	POST	85.00	83.90	0.00	30141	-1.27	0.99	-3.803	6.154
HYDRA-025-96	SMF-09	POST	86.00	83.89	0.00	30102	-1.29	1.00	-3.908	6.236
HYDRA-025-96	SMF-09	POST	87.00	83.88	0.00	30065	-1.22	0.97	-4.012	6.317
HYDRA-025-96	SMF-09	POST	88.00	83.87	0.00	30030	-1.23	0.98	-4.114	6.398
HYDRA-025-96	SMF-09	POST	89.00	83.86	0.00	29997	-1.24	0.98	-4.216	6.479
HYDRA-025-96	SMF-09	POST	90.00	83.85	0.00	29965	-1.24	0.99	-4.318	6.560
HYDRA-025-96	SMF-09	POST	91.00	83.84	0.00	29930	-1.26	0.99	-4.421	6.642
HYDRA-025-96	SMF-09	POST	92.00	83.83	0.00	29892	-1.27	0.99	-4.526	6.724
HYDRA-025-96	SMF-09	POST	93.00	83.82	0.00	29856	-1.27	0.99	-4.631	6.806
HYDRA-025-96	SMF-09	POST	94.00	83.81	0.00	29821	-1.28	0.99	-4.736	6.888
HYDRA-025-96	SMF-09	POST	95.00	83.79	0.00	29783	-1.30	0.99	-4.843	6.970
HYDRA-025-96	SMF-09	POST	96.00	83.78	0.00	29742	-1.30	1.00	-4.950	7.052
HYDRA-025-96	SMF-10	POST	0.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	0.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	0.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	0.50	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	0.68	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	0.85	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.02	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.35	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.52	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.68	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	1.85	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.02	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.35	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.52	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	2.83	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	3.83	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	4.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	5.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.50	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	6.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.33	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.50	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	7.83	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	8.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	8.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	8.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	8.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	8.67	83.00	0.00	28321	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-10	POST	8.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	9.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.26	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.43	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.50	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.59	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.76	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	10.92	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.00	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.09	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.17	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.26	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.33	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.42	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.50	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.59	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.76	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.83	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	11.92	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.09	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.18	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.25	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.34	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.42	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.51	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.59	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.67	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.75	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.84	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	12.92	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	13.01	83.00	0.00	28321	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-10	POST	13.08	83.00	0.00	28321	0.00	1.67	0.000	0.005
HYDRA-025-96	SMF-10	POST	13.17	83.00	0.00	28322	0.00	1.55	0.000	0.016
HYDRA-025-96	SMF-10	POST	13.25	83.00	0.00	28324	0.00	1.57	0.000	0.027
HYDRA-025-96	SMF-10	POST	13.33	83.00	0.00	28325	0.00	1.59	0.000	0.038
HYDRA-025-96	SMF-10	POST	13.42	83.00	0.00	28325	0.00	1.61	0.000	0.049
HYDRA-025-96	SMF-10	POST	13.50	83.00	0.00	28326	0.00	1.61	0.000	0.060
HYDRA-025-96	SMF-10	POST	13.58	83.00	0.00	28326	0.00	1.62	0.000	0.071
HYDRA-025-96	SMF-10	POST	13.67	83.00	0.00	28326	0.00	1.62	0.000	0.082
HYDRA-025-96	SMF-10	POST	13.75	83.00	0.00	28326	0.00	1.62	0.000	0.094
HYDRA-025-96	SMF-10	POST	13.83	83.00	0.00	28326	0.00	1.63	0.000	0.105
HYDRA-025-96	SMF-10	POST	13.92	83.00	0.00	28326	0.00	1.63	0.000	0.116
HYDRA-025-96	SMF-10	POST	14.00	83.00	0.00	28327	0.00	1.63	0.000	0.127
HYDRA-025-96	SMF-10	POST	14.08	83.00	0.00	28327	0.00	1.63	0.000	0.138
HYDRA-025-96	SMF-10	POST	14.17	83.00	0.00	28327	0.00	1.63	0.000	0.150
HYDRA-025-96	SMF-10	POST	14.25	83.00	0.00	28327	0.00	1.63	0.000	0.161
HYDRA-025-96	SMF-10	POST	14.33	83.00	0.00	28327	0.00	1.63	0.000	0.172
HYDRA-025-96	SMF-10	POST	14.42	83.00	0.00	28327	0.00	1.63	0.000	0.183
HYDRA-025-96	SMF-10	POST	14.50	83.00	0.00	28327	0.00	1.63	0.000	0.194
HYDRA-025-96	SMF-10	POST	14.58	83.00	0.00	28328	0.00	1.63	0.000	0.206
HYDRA-025-96	SMF-10	POST	14.67	83.00	0.00	28328	0.00	1.63	0.000	0.217
HYDRA-025-96	SMF-10	POST	14.75	83.00	0.00	28328	0.00	1.63	0.000	0.228
HYDRA-025-96	SMF-10	POST	14.83	83.00	0.00	28328	0.00	1.63	0.000	0.239
HYDRA-025-96	SMF-10	POST	14.92	83.00	0.00	28328	0.00	1.63	0.000	0.251
HYDRA-025-96	SMF-10	POST	15.00	83.00	0.00	28329	0.00	1.64	0.000	0.262
HYDRA-025-96	SMF-10	POST	15.08	83.00	0.00	28331	0.00	1.51	0.000	0.273
HYDRA-025-96	SMF-10	POST	15.17	83.00	0.00	28331	0.00	1.52	0.000	0.283
HYDRA-025-96	SMF-10	POST	15.25	83.00	0.00	28331	0.00	1.52	0.000	0.294
HYDRA-025-96	SMF-10	POST	15.33	83.00	0.00	28332	0.00	1.52	0.000	0.304
HYDRA-025-96	SMF-10	POST	15.42	83.00	0.00	28332	0.00	1.52	0.000	0.315
HYDRA-025-96	SMF-10	POST	15.50	83.00	0.00	28332	0.00	1.52	0.000	0.325
HYDRA-025-96	SMF-10	POST	15.58	83.00	0.00	28333	0.00	1.52	0.000	0.335
HYDRA-025-96	SMF-10	POST	15.67	83.00	0.00	28333	0.00	1.52	0.000	0.346
HYDRA-025-96	SMF-10	POST	15.75	83.00	0.00	28334	0.00	1.52	0.000	0.356
HYDRA-025-96	SMF-10	POST	15.83	83.00	0.00	28334	0.00	1.52	0.000	0.367
HYDRA-025-96	SMF-10	POST	15.92	83.00	0.00	28334	0.00	1.52	0.000	0.377
HYDRA-025-96	SMF-10	POST	16.00	83.00	0.00	28335	0.00	1.52	0.000	0.388
HYDRA-025-96	SMF-10	POST	16.08	83.00	0.00	28335	0.01	1.52	0.000	0.398
HYDRA-025-96	SMF-10	POST	16.17	83.00	0.00	28336	0.01	1.52	0.000	0.409
HYDRA-025-96	SMF-10	POST	16.25	83.00	0.00	28336	0.01	1.52	0.000	0.419
HYDRA-025-96	SMF-10	POST	16.33	83.00	0.00	28337	0.01	1.52	0.000	0.430
HYDRA-025-96	SMF-10	POST	16.42	83.00	0.00	28337	0.01	1.52	0.000	0.440
HYDRA-025-96	SMF-10	POST	16.50	83.01	0.00	28338	0.01	1.52	0.001	0.451

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-10	POST	16.58	83.01	0.00	28339	0.01	1.52	0.001	0.461
HYDRA-025-96	SMF-10	POST	16.67	83.01	0.00	28339	0.01	1.52	0.001	0.471
HYDRA-025-96	SMF-10	POST	16.75	83.01	0.00	28340	0.01	1.52	0.001	0.482
HYDRA-025-96	SMF-10	POST	16.83	83.01	0.00	28341	0.01	1.52	0.001	0.492
HYDRA-025-96	SMF-10	POST	16.92	83.01	0.00	28341	0.01	1.52	0.001	0.503
HYDRA-025-96	SMF-10	POST	17.00	83.01	0.00	28342	0.01	1.51	0.001	0.513
HYDRA-025-96	SMF-10	POST	17.25	83.01	0.00	28341	0.01	1.74	0.001	0.547
HYDRA-025-96	SMF-10	POST	17.50	83.00	0.00	28336	0.01	1.55	0.001	0.581
HYDRA-025-96	SMF-10	POST	17.75	83.00	0.00	28336	0.01	1.53	0.002	0.613
HYDRA-025-96	SMF-10	POST	18.00	83.01	0.00	28338	0.01	1.52	0.002	0.644
HYDRA-025-96	SMF-10	POST	18.25	83.01	0.00	28340	0.02	1.52	0.002	0.676
HYDRA-025-96	SMF-10	POST	18.50	83.01	0.00	28342	0.02	1.52	0.003	0.707
HYDRA-025-96	SMF-10	POST	18.75	83.01	0.00	28345	0.02	1.52	0.003	0.739
HYDRA-025-96	SMF-10	POST	19.00	83.01	0.00	28347	0.02	1.52	0.003	0.770
HYDRA-025-96	SMF-10	POST	19.25	83.01	0.00	28350	0.02	1.52	0.004	0.801
HYDRA-025-96	SMF-10	POST	19.50	83.01	0.00	28353	0.02	1.52	0.004	0.833
HYDRA-025-96	SMF-10	POST	19.75	83.01	0.00	28356	0.02	1.51	0.004	0.864
HYDRA-025-96	SMF-10	POST	20.00	83.01	0.00	28359	0.02	1.51	0.005	0.895
HYDRA-025-96	SMF-10	POST	20.25	83.01	0.00	28363	0.02	1.51	0.005	0.927
HYDRA-025-96	SMF-10	POST	20.50	83.01	0.00	28366	0.03	1.51	0.006	0.958
HYDRA-025-96	SMF-10	POST	20.75	83.01	0.00	28370	0.03	1.51	0.006	0.989
HYDRA-025-96	SMF-10	POST	21.00	83.02	0.00	28374	0.03	1.50	0.007	1.020
HYDRA-025-96	SMF-10	POST	21.25	83.02	0.00	28379	0.03	1.50	0.008	1.051
HYDRA-025-96	SMF-10	POST	21.50	83.02	0.00	28383	0.03	1.50	0.008	1.082
HYDRA-025-96	SMF-10	POST	21.75	83.02	0.00	28388	0.03	1.50	0.009	1.113
HYDRA-025-96	SMF-10	POST	22.00	83.02	0.00	28392	0.03	1.50	0.010	1.144
HYDRA-025-96	SMF-10	POST	22.25	83.02	0.00	28397	0.03	1.50	0.010	1.175
HYDRA-025-96	SMF-10	POST	22.50	83.02	0.00	28402	0.03	1.49	0.011	1.206
HYDRA-025-96	SMF-10	POST	22.75	83.02	0.00	28407	0.03	1.49	0.012	1.237
HYDRA-025-96	SMF-10	POST	23.00	83.03	0.00	28413	0.04	1.49	0.012	1.267
HYDRA-025-96	SMF-10	POST	23.25	83.03	0.00	28418	0.04	1.49	0.013	1.298
HYDRA-025-96	SMF-10	POST	23.50	83.03	0.00	28424	0.04	1.48	0.014	1.329
HYDRA-025-96	SMF-10	POST	23.75	83.03	0.00	28430	0.04	1.48	0.015	1.360
HYDRA-025-96	SMF-10	POST	24.00	83.03	0.00	28436	0.04	1.48	0.015	1.390
HYDRA-025-96	SMF-10	POST	24.25	83.03	0.00	28442	0.04	1.48	0.016	1.421
HYDRA-025-96	SMF-10	POST	24.50	83.04	0.00	28449	0.05	1.47	0.017	1.451
HYDRA-025-96	SMF-10	POST	24.75	83.04	0.00	28457	0.05	1.47	0.018	1.482
HYDRA-025-96	SMF-10	POST	25.00	83.04	0.00	28464	0.05	1.47	0.019	1.512
HYDRA-025-96	SMF-10	POST	25.25	83.04	0.00	28472	0.05	1.46	0.020	1.542
HYDRA-025-96	SMF-10	POST	25.50	83.05	0.00	28480	0.05	1.46	0.021	1.572
HYDRA-025-96	SMF-10	POST	25.75	83.05	0.00	28488	0.05	1.46	0.022	1.603
HYDRA-025-96	SMF-10	POST	26.00	83.05	0.00	28496	0.05	1.46	0.024	1.633
HYDRA-025-96	SMF-10	POST	26.25	83.05	0.00	28505	0.06	1.45	0.025	1.663
HYDRA-025-96	SMF-10	POST	26.50	83.06	0.00	28513	0.06	1.45	0.026	1.693
HYDRA-025-96	SMF-10	POST	26.75	83.06	0.00	28522	0.06	1.45	0.027	1.723
HYDRA-025-96	SMF-10	POST	27.00	83.06	0.00	28531	0.06	1.45	0.028	1.753
HYDRA-025-96	SMF-10	POST	27.25	83.06	0.00	28540	0.06	1.44	0.030	1.782
HYDRA-025-96	SMF-10	POST	27.50	83.07	0.00	28549	0.06	1.44	0.031	1.812
HYDRA-025-96	SMF-10	POST	27.75	83.07	0.00	28559	0.06	1.44	0.032	1.842
HYDRA-025-96	SMF-10	POST	28.00	83.07	0.00	28568	0.06	1.43	0.033	1.872
HYDRA-025-96	SMF-10	POST	28.25	83.07	0.00	28578	0.07	1.43	0.035	1.901
HYDRA-025-96	SMF-10	POST	28.50	83.08	0.00	28589	0.07	1.42	0.036	1.931
HYDRA-025-96	SMF-10	POST	28.75	83.08	0.00	28600	0.08	1.42	0.038	1.960
HYDRA-025-96	SMF-10	POST	29.00	83.08	0.00	28612	0.08	1.42	0.039	1.989
HYDRA-025-96	SMF-10	POST	29.25	83.09	0.00	28623	0.08	1.41	0.041	2.018
HYDRA-025-96	SMF-10	POST	29.50	83.09	0.00	28635	0.08	1.41	0.043	2.048
HYDRA-025-96	SMF-10	POST	29.75	83.09	0.00	28647	0.08	1.41	0.044	2.077
HYDRA-025-96	SMF-10	POST	30.00	83.10	0.00	28659	0.08	1.40	0.046	2.106
HYDRA-025-96	SMF-10	POST	31.00	83.11	0.00	28709	0.09	1.39	0.053	2.221
HYDRA-025-96	SMF-10	POST	32.00	83.13	0.00	28761	0.09	1.38	0.060	2.336
HYDRA-025-96	SMF-10	POST	33.00	83.14	0.00	28819	0.11	1.36	0.068	2.449
HYDRA-025-96	SMF-10	POST	34.00	83.16	0.00	28884	0.12	1.34	0.078	2.560
HYDRA-025-96	SMF-10	POST	35.00	83.18	0.00	28957	0.14	1.32	0.088	2.670
HYDRA-025-96	SMF-10	POST	36.00	83.21	0.00	29037	0.14	1.30	0.100	2.778
HYDRA-025-96	SMF-10	POST	37.00	83.23	0.00	29121	0.16	1.28	0.112	2.885
HYDRA-025-96	SMF-10	POST	38.00	83.26	0.00	29210	0.16	1.27	0.125	2.990
HYDRA-025-96	SMF-10	POST	39.00	83.28	0.00	29309	0.20	1.26	0.140	3.095
HYDRA-025-96	SMF-10	POST	40.00	83.32	0.00	29418	0.21	1.26	0.157	3.199
HYDRA-025-96	SMF-10	POST	41.00	83.35	0.00	29545	0.27	1.24	0.177	3.302
HYDRA-025-96	SMF-10	POST	42.00	83.39	0.00	29691	0.28	1.24	0.199	3.404
HYDRA-025-96	SMF-10	POST	43.00	83.44	0.00	29861	0.37	1.20	0.226	3.505
HYDRA-025-96	SMF-10	POST	44.00	83.50	0.00	30057	0.38	1.21	0.256	3.604
HYDRA-025-96	SMF-10	POST	45.00	83.56	0.00	30259	0.41	1.21	0.289	3.704
HYDRA-025-96	SMF-10	POST	46.00	83.65	0.00	30593	0.84	0.93	0.341	3.793
HYDRA-025-96	SMF-10	POST	47.00	83.97	0.00	31694	3.10	-1.32	0.503	3.777
HYDRA-025-96	SMF-10	POST	48.00	84.59	0.00	33875	5.59	-0.92	0.862	3.684
HYDRA-025-96	SMF-10	POST	49.00	84.95	0.00	35115	2.35	1.73	1.190	3.718
HYDRA-025-96	SMF-10	POST	50.00	84.90	0.00	34958	1.08	2.44	1.332	3.890
HYDRA-025-96	SMF-10	POST	51.00	84.75	0.00	34408	0.65	2.28	1.404	4.085
HYDRA-025-96	SMF-10	POST	52.00	84.59	0.00	33870	0.53	1.82	1.452	4.254
HYDRA-025-96	SMF-10	POST	53.00	84.47	0.00	33459	0.44	1.37	1.492	4.386
HYDRA-025-96	SMF-10	POST	54.00	84.39	0.00	33177	0.44	1.02	1.528	4.485
HYDRA-025-96	SMF-10	POST	55.00	84.34	0.00	32980	0.34	0.81	1.560	4.561
HYDRA-025-96	SMF-10	POST	56.00	84.30	0.00	32835	0.34	0.65	1.589	4.621
HYDRA-025-96	SMF-10	POST	57.00	84.27	0.00	32731	0.30	0.60	1.615	4.672

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-10	POST	58.00	84.24	0.00	32656	0.30	1.53	1.640	4.761
HYDRA-025-96	SMF-10	POST	59.00	84.22	0.00	32589	0.25	1.55	1.663	4.888
HYDRA-025-96	SMF-10	POST	60.00	84.21	0.00	32530	0.25	1.54	1.683	5.016
HYDRA-025-96	SMF-10	POST	61.00	84.19	0.00	32483	0.24	1.54	1.704	5.143
HYDRA-025-96	SMF-10	POST	62.00	84.18	0.00	32443	0.24	1.53	1.723	5.270
HYDRA-025-96	SMF-10	POST	63.00	84.17	0.00	32404	0.20	1.53	1.741	5.397
HYDRA-025-96	SMF-10	POST	64.00	84.16	0.00	32364	0.20	1.53	1.758	5.523
HYDRA-025-96	SMF-10	POST	65.00	84.15	0.00	32326	0.19	1.52	1.774	5.649
HYDRA-025-96	SMF-10	POST	66.00	84.14	0.00	32287	0.19	1.52	1.790	5.775
HYDRA-025-96	SMF-10	POST	67.00	84.13	0.00	32246	0.17	1.52	1.805	5.901
HYDRA-025-96	SMF-10	POST	68.00	84.11	0.00	32202	0.17	1.52	1.819	6.027
HYDRA-025-96	SMF-10	POST	69.00	84.10	0.00	32161	0.17	1.52	1.834	6.153
HYDRA-025-96	SMF-10	POST	70.00	84.09	0.00	32122	0.17	1.52	1.848	6.278
HYDRA-025-96	SMF-10	POST	71.00	84.08	0.00	32076	0.14	1.52	1.861	6.404
HYDRA-025-96	SMF-10	POST	72.00	84.06	0.00	32022	0.14	1.52	1.873	6.529
HYDRA-025-96	SMF-10	POST	73.00	84.05	0.00	31980	0.16	1.54	1.885	6.656
HYDRA-025-96	SMF-10	POST	74.00	84.04	0.00	31941	0.16	1.54	1.898	6.783
HYDRA-025-96	SMF-10	POST	75.00	84.03	0.00	31895	0.13	1.54	1.910	6.910
HYDRA-025-96	SMF-10	POST	76.00	84.01	0.00	31841	0.13	1.53	1.921	7.037
HYDRA-025-96	SMF-10	POST	77.00	84.00	0.00	31798	0.14	1.54	1.932	7.164
HYDRA-025-96	SMF-10	POST	78.00	83.99	0.00	31761	0.14	1.52	1.944	7.290
HYDRA-025-96	SMF-10	POST	79.00	83.98	0.00	31721	0.13	1.46	1.955	7.414
HYDRA-025-96	SMF-10	POST	80.00	83.96	0.00	31677	0.13	1.45	1.965	7.534
HYDRA-025-96	SMF-10	POST	81.00	83.95	0.00	31631	0.11	1.45	1.975	7.654
HYDRA-025-96	SMF-10	POST	82.00	83.94	0.00	31582	0.11	1.45	1.984	7.774
HYDRA-025-96	SMF-10	POST	83.00	83.92	0.00	31536	0.11	1.44	1.994	7.894
HYDRA-025-96	SMF-10	POST	84.00	83.91	0.00	31491	0.11	1.50	2.003	8.016
HYDRA-025-96	SMF-10	POST	85.00	83.90	0.00	31452	0.11	1.46	2.012	8.138
HYDRA-025-96	SMF-10	POST	86.00	83.89	0.00	31412	0.11	1.44	2.021	8.258
HYDRA-025-96	SMF-10	POST	87.00	83.88	0.00	31377	0.11	1.48	2.030	8.379
HYDRA-025-96	SMF-10	POST	88.00	83.87	0.00	31342	0.11	1.48	2.039	8.501
HYDRA-025-96	SMF-10	POST	89.00	83.86	0.00	31308	0.11	1.47	2.049	8.623
HYDRA-025-96	SMF-10	POST	90.00	83.85	0.00	31277	0.11	1.47	2.058	8.745
HYDRA-025-96	SMF-10	POST	91.00	83.84	0.00	31242	0.10	1.48	2.066	8.867
HYDRA-025-96	SMF-10	POST	92.00	83.83	0.00	31204	0.10	1.47	2.074	8.988
HYDRA-025-96	SMF-10	POST	93.00	83.82	0.00	31167	0.10	1.47	2.082	9.110
HYDRA-025-96	SMF-10	POST	94.00	83.81	0.00	31132	0.10	1.47	2.090	9.231
HYDRA-025-96	SMF-10	POST	95.00	83.80	0.00	31094	0.08	1.47	2.097	9.353
HYDRA-025-96	SMF-10	POST	96.00	83.78	0.00	31053	0.08	1.47	2.104	9.474
HYDRA-025-96	SMF-11	POST	0.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	0.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	0.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	0.50	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	0.68	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	0.85	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.02	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.35	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.52	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.68	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	1.85	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.02	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.35	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.52	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	2.83	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	3.83	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	4.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	5.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.50	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	6.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	7.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	7.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	7.33	83.00	0.00	6976	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-11	POST	7.50	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	7.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	7.83	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	8.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	9.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.26	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.43	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.50	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.59	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.76	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	10.92	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.00	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.09	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.17	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.26	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.33	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.42	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.50	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.59	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.76	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.83	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	11.92	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.09	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.18	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.25	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.34	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.42	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.51	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.59	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.67	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.75	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.84	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	12.92	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	13.01	83.00	0.00	6976	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-11	POST	13.08	83.00	0.00	6980	0.00	-3.24	0.000	-0.010
HYDRA-025-96	SMF-11	POST	13.17	83.00	0.00	6985	0.00	-3.09	0.000	-0.032
HYDRA-025-96	SMF-11	POST	13.25	83.00	0.00	6984	0.00	-3.07	0.000	-0.053
HYDRA-025-96	SMF-11	POST	13.33	83.00	0.00	6983	0.00	-3.08	0.000	-0.074
HYDRA-025-96	SMF-11	POST	13.42	83.00	0.00	6983	0.00	-3.08	0.000	-0.095
HYDRA-025-96	SMF-11	POST	13.50	83.00	0.00	6983	0.00	-3.08	0.000	-0.117
HYDRA-025-96	SMF-11	POST	13.58	83.00	0.00	6982	0.00	-3.08	0.000	-0.138
HYDRA-025-96	SMF-11	POST	13.67	83.00	0.00	6982	0.00	-3.08	0.000	-0.159
HYDRA-025-96	SMF-11	POST	13.75	83.00	0.00	6982	0.00	-3.08	0.000	-0.180
HYDRA-025-96	SMF-11	POST	13.83	83.00	0.00	6982	0.00	-3.08	0.000	-0.202
HYDRA-025-96	SMF-11	POST	13.92	83.00	0.00	6982	0.00	-3.08	0.000	-0.223
HYDRA-025-96	SMF-11	POST	14.00	83.00	0.00	6982	0.00	-3.08	0.000	-0.244
HYDRA-025-96	SMF-11	POST	14.08	83.00	0.00	6982	0.00	-3.08	0.000	-0.265
HYDRA-025-96	SMF-11	POST	14.17	83.00	0.00	6983	0.00	-3.08	0.000	-0.286
HYDRA-025-96	SMF-11	POST	14.25	83.00	0.00	6983	0.00	-3.08	0.000	-0.308
HYDRA-025-96	SMF-11	POST	14.33	83.00	0.00	6983	0.00	-3.08	0.000	-0.329
HYDRA-025-96	SMF-11	POST	14.42	83.00	0.00	6983	0.00	-3.08	0.000	-0.350
HYDRA-025-96	SMF-11	POST	14.50	83.00	0.00	6983	0.00	-3.08	0.000	-0.371
HYDRA-025-96	SMF-11	POST	14.58	83.00	0.00	6983	0.00	-3.08	0.000	-0.393
HYDRA-025-96	SMF-11	POST	14.67	83.00	0.00	6983	0.00	-3.08	0.000	-0.414
HYDRA-025-96	SMF-11	POST	14.75	83.00	0.00	6983	0.00	-3.08	0.000	-0.435
HYDRA-025-96	SMF-11	POST	14.83	83.00	0.00	6983	0.00	-3.08	0.000	-0.456
HYDRA-025-96	SMF-11	POST	14.92	83.00	0.00	6984	0.00	-3.08	0.000	-0.478
HYDRA-025-96	SMF-11	POST	15.00	83.00	0.00	6984	0.00	-3.08	0.000	-0.499
HYDRA-025-96	SMF-11	POST	15.08	83.00	0.00	6984	0.00	-3.08	0.000	-0.520
HYDRA-025-96	SMF-11	POST	15.17	83.00	0.00	6984	0.00	-3.08	0.000	-0.541
HYDRA-025-96	SMF-11	POST	15.25	83.00	0.00	6984	0.00	-3.08	0.000	-0.563
HYDRA-025-96	SMF-11	POST	15.33	83.00	0.00	6984	0.00	-3.08	0.000	-0.584
HYDRA-025-96	SMF-11	POST	15.42	83.00	0.00	6985	0.00	-3.08	0.000	-0.605
HYDRA-025-96	SMF-11	POST	15.50	83.00	0.00	6985	0.00	-3.08	0.000	-0.626
HYDRA-025-96	SMF-11	POST	15.58	83.00	0.00	6985	0.00	-3.09	0.000	-0.648
HYDRA-025-96	SMF-11	POST	15.67	83.00	0.00	6985	0.00	-3.09	0.000	-0.669
HYDRA-025-96	SMF-11	POST	15.75	83.00	0.00	6986	0.00	-3.09	0.000	-0.690
HYDRA-025-96	SMF-11	POST	15.83	83.00	0.00	6986	0.00	-3.09	0.000	-0.711

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-11	POST	15.92	83.00	0.00	6986	0.00	-3.09	0.000	-0.733
HYDRA-025-96	SMF-11	POST	16.00	83.00	0.00	6986	0.00	-3.09	0.000	-0.754
HYDRA-025-96	SMF-11	POST	16.08	83.01	0.00	6987	0.00	-3.09	0.000	-0.775
HYDRA-025-96	SMF-11	POST	16.17	83.01	0.00	6987	0.00	-3.09	0.000	-0.796
HYDRA-025-96	SMF-11	POST	16.25	83.01	0.00	6987	0.00	-3.09	0.000	-0.818
HYDRA-025-96	SMF-11	POST	16.33	83.01	0.00	6988	0.00	-3.09	0.000	-0.839
HYDRA-025-96	SMF-11	POST	16.42	83.01	0.00	6988	0.00	-3.09	0.000	-0.860
HYDRA-025-96	SMF-11	POST	16.50	83.01	0.00	6988	0.00	-3.09	0.000	-0.881
HYDRA-025-96	SMF-11	POST	16.58	83.01	0.00	6989	0.00	-3.09	0.000	-0.903
HYDRA-025-96	SMF-11	POST	16.67	83.01	0.00	6989	0.00	-3.09	0.000	-0.924
HYDRA-025-96	SMF-11	POST	16.75	83.01	0.00	6989	0.00	-3.09	0.000	-0.945
HYDRA-025-96	SMF-11	POST	16.83	83.01	0.00	6990	0.00	-3.09	0.000	-0.966
HYDRA-025-96	SMF-11	POST	16.92	83.01	0.00	6990	0.00	-3.09	0.000	-0.988
HYDRA-025-96	SMF-11	POST	17.00	83.01	0.00	6991	0.00	-3.09	0.000	-1.009
HYDRA-025-96	SMF-11	POST	17.25	83.00	0.00	6984	0.00	-3.00	0.000	-1.072
HYDRA-025-96	SMF-11	POST	17.50	83.00	0.00	6984	0.00	-3.08	0.000	-1.135
HYDRA-025-96	SMF-11	POST	17.75	83.00	0.00	6986	0.00	-3.07	0.000	-1.198
HYDRA-025-96	SMF-11	POST	18.00	83.01	0.00	6988	0.00	-3.07	0.000	-1.262
HYDRA-025-96	SMF-11	POST	18.25	83.01	0.00	6989	0.00	-3.07	0.000	-1.325
HYDRA-025-96	SMF-11	POST	18.50	83.01	0.00	6990	0.00	-3.07	0.000	-1.388
HYDRA-025-96	SMF-11	POST	18.75	83.01	0.00	6992	0.00	-3.07	0.000	-1.452
HYDRA-025-96	SMF-11	POST	19.00	83.01	0.00	6994	0.00	-3.07	0.000	-1.515
HYDRA-025-96	SMF-11	POST	19.25	83.01	0.00	6995	0.01	-3.07	0.000	-1.579
HYDRA-025-96	SMF-11	POST	19.50	83.01	0.00	6997	0.01	-3.06	0.000	-1.642
HYDRA-025-96	SMF-11	POST	19.75	83.01	0.00	6999	0.01	-3.06	0.001	-1.705
HYDRA-025-96	SMF-11	POST	20.00	83.01	0.00	7001	0.01	-3.06	0.001	-1.768
HYDRA-025-96	SMF-11	POST	20.25	83.01	0.00	7003	0.02	-3.06	0.001	-1.832
HYDRA-025-96	SMF-11	POST	20.50	83.01	0.00	7006	0.02	-3.05	0.002	-1.895
HYDRA-025-96	SMF-11	POST	20.75	83.02	0.00	7008	0.02	-3.05	0.002	-1.958
HYDRA-025-96	SMF-11	POST	21.00	83.02	0.00	7011	0.03	-3.05	0.002	-2.021
HYDRA-025-96	SMF-11	POST	21.25	83.02	0.00	7014	0.03	-3.05	0.003	-2.084
HYDRA-025-96	SMF-11	POST	21.50	83.02	0.00	7016	0.03	-3.05	0.004	-2.147
HYDRA-025-96	SMF-11	POST	21.75	83.02	0.00	7019	0.03	-3.04	0.004	-2.210
HYDRA-025-96	SMF-11	POST	22.00	83.02	0.00	7022	0.04	-3.04	0.005	-2.273
HYDRA-025-96	SMF-11	POST	22.25	83.02	0.00	7025	0.04	-3.04	0.006	-2.335
HYDRA-025-96	SMF-11	POST	22.50	83.02	0.00	7029	0.04	-3.04	0.007	-2.398
HYDRA-025-96	SMF-11	POST	22.75	83.03	0.00	7032	0.04	-3.03	0.008	-2.461
HYDRA-025-96	SMF-11	POST	23.00	83.03	0.00	7035	0.05	-3.03	0.008	-2.523
HYDRA-025-96	SMF-11	POST	23.25	83.03	0.00	7039	0.05	-3.03	0.009	-2.586
HYDRA-025-96	SMF-11	POST	23.50	83.03	0.00	7042	0.05	-3.03	0.011	-2.649
HYDRA-025-96	SMF-11	POST	23.75	83.03	0.00	7046	0.05	-3.03	0.012	-2.711
HYDRA-025-96	SMF-11	POST	24.00	83.03	0.00	7049	0.06	-3.02	0.013	-2.774
HYDRA-025-96	SMF-11	POST	24.25	83.04	0.00	7054	0.06	-3.02	0.014	-2.836
HYDRA-025-96	SMF-11	POST	24.50	83.04	0.00	7058	0.07	-3.01	0.015	-2.898
HYDRA-025-96	SMF-11	POST	24.75	83.04	0.00	7063	0.07	-3.01	0.017	-2.961
HYDRA-025-96	SMF-11	POST	25.00	83.04	0.00	7068	0.08	-3.00	0.018	-3.023
HYDRA-025-96	SMF-11	POST	25.25	83.05	0.00	7073	0.08	-3.00	0.020	-3.085
HYDRA-025-96	SMF-11	POST	25.50	83.05	0.00	7077	0.08	-3.00	0.022	-3.147
HYDRA-025-96	SMF-11	POST	25.75	83.05	0.00	7083	0.09	-3.00	0.023	-3.209
HYDRA-025-96	SMF-11	POST	26.00	83.05	0.00	7088	0.09	-2.99	0.025	-3.271
HYDRA-025-96	SMF-11	POST	26.25	83.06	0.00	7093	0.09	-2.99	0.027	-3.332
HYDRA-025-96	SMF-11	POST	26.50	83.06	0.00	7098	0.10	-2.99	0.029	-3.394
HYDRA-025-96	SMF-11	POST	26.75	83.06	0.00	7104	0.10	-2.99	0.031	-3.456
HYDRA-025-96	SMF-11	POST	27.00	83.06	0.00	7109	0.10	-2.98	0.033	-3.518
HYDRA-025-96	SMF-11	POST	27.25	83.07	0.00	7115	0.10	-2.98	0.035	-3.579
HYDRA-025-96	SMF-11	POST	27.50	83.07	0.00	7120	0.11	-2.98	0.037	-3.641
HYDRA-025-96	SMF-11	POST	27.75	83.07	0.00	7126	0.11	-2.98	0.040	-3.702
HYDRA-025-96	SMF-11	POST	28.00	83.07	0.00	7132	0.11	-2.97	0.042	-3.764
HYDRA-025-96	SMF-11	POST	28.25	83.08	0.00	7139	0.12	-2.97	0.044	-3.825
HYDRA-025-96	SMF-11	POST	28.50	83.08	0.00	7146	0.13	-2.96	0.047	-3.886
HYDRA-025-96	SMF-11	POST	28.75	83.08	0.00	7153	0.14	-2.95	0.050	-3.947
HYDRA-025-96	SMF-11	POST	29.00	83.09	0.00	7160	0.14	-2.95	0.053	-4.008
HYDRA-025-96	SMF-11	POST	29.25	83.09	0.00	7167	0.15	-2.94	0.056	-4.069
HYDRA-025-96	SMF-11	POST	29.50	83.09	0.00	7174	0.15	-2.94	0.059	-4.130
HYDRA-025-96	SMF-11	POST	29.75	83.10	0.00	7182	0.15	-2.94	0.062	-4.190
HYDRA-025-96	SMF-11	POST	30.00	83.10	0.00	7189	0.16	-2.93	0.065	-4.251
HYDRA-025-96	SMF-11	POST	31.00	83.12	0.00	7220	0.17	-2.92	0.078	-4.493
HYDRA-025-96	SMF-11	POST	32.00	83.13	0.00	7252	0.18	-2.91	0.093	-4.734
HYDRA-025-96	SMF-11	POST	33.00	83.15	0.00	7289	0.22	-2.87	0.109	-4.973
HYDRA-025-96	SMF-11	POST	34.00	83.17	0.00	7329	0.24	-2.85	0.129	-5.209
HYDRA-025-96	SMF-11	POST	35.00	83.19	0.00	7375	0.29	-2.80	0.150	-5.443
HYDRA-025-96	SMF-11	POST	36.00	83.21	0.00	7424	0.31	-2.78	0.175	-5.674
HYDRA-025-96	SMF-11	POST	37.00	83.24	0.00	7476	0.35	-2.75	0.202	-5.902
HYDRA-025-96	SMF-11	POST	38.00	83.26	0.00	7531	0.36	-2.73	0.232	-6.129
HYDRA-025-96	SMF-11	POST	39.00	83.29	0.00	7594	0.45	-2.64	0.265	-6.351
HYDRA-025-96	SMF-11	POST	40.00	83.32	0.00	7661	0.47	-2.61	0.303	-6.568
HYDRA-025-96	SMF-11	POST	41.00	83.36	0.00	7744	0.62	-2.46	0.348	-6.777
HYDRA-025-96	SMF-11	POST	42.00	83.41	0.00	7833	0.64	-2.42	0.400	-6.979
HYDRA-025-96	SMF-11	POST	43.00	83.46	0.00	7945	0.86	-2.16	0.462	-7.168
HYDRA-025-96	SMF-11	POST	44.00	83.51	0.00	8065	0.90	-2.10	0.535	-7.344
HYDRA-025-96	SMF-11	POST	45.00	83.57	0.00	8190	1.00	-1.96	0.614	-7.512
HYDRA-025-96	SMF-11	POST	46.00	83.66	0.00	8381	2.05	1.72	0.740	-7.522
HYDRA-025-96	SMF-11	POST	47.00	84.12	0.00	9335	7.86	6.04	1.149	-7.201
HYDRA-025-96	SMF-11	POST	48.00	84.73	0.00	10635	14.66	13.18	2.080	-6.407
HYDRA-025-96	SMF-11	POST	49.00	84.74	0.00	10656	6.29	3.81	2.945	-5.705

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-11	POST	50.00	84.61	0.00	10374	2.90	1.11	3.325	-5.501
HYDRA-025-96	SMF-11	POST	51.00	84.51	0.00	10162	1.75	-0.45	3.517	-5.474
HYDRA-025-96	SMF-11	POST	52.00	84.44	0.00	10020	1.42	-1.25	3.648	-5.545
HYDRA-025-96	SMF-11	POST	53.00	84.39	0.00	9907	1.18	-1.68	3.756	-5.666
HYDRA-025-96	SMF-11	POST	54.00	84.35	0.00	9824	1.18	-1.79	3.853	-5.809
HYDRA-025-96	SMF-11	POST	55.00	84.31	0.00	9746	0.93	-2.03	3.940	-5.967
HYDRA-025-96	SMF-11	POST	56.00	84.28	0.00	9689	0.93	-2.05	4.017	-6.136
HYDRA-025-96	SMF-11	POST	57.00	84.26	0.00	9638	0.80	-2.17	4.088	-6.310
HYDRA-025-96	SMF-11	POST	58.00	84.24	0.00	9601	0.81	-2.16	4.155	-6.489
HYDRA-025-96	SMF-11	POST	59.00	84.22	0.00	9564	0.68	-2.28	4.216	-6.673
HYDRA-025-96	SMF-11	POST	60.00	84.21	0.00	9534	0.68	-2.28	4.273	-6.861
HYDRA-025-96	SMF-11	POST	61.00	84.20	0.00	9509	0.64	-2.31	4.327	-7.051
HYDRA-025-96	SMF-11	POST	62.00	84.19	0.00	9489	0.64	-2.31	4.380	-7.242
HYDRA-025-96	SMF-11	POST	63.00	84.18	0.00	9465	0.56	-2.39	4.429	-7.436
HYDRA-025-96	SMF-11	POST	64.00	84.17	0.00	9443	0.56	-2.39	4.475	-7.634
HYDRA-025-96	SMF-11	POST	65.00	84.15	0.00	9420	0.51	-2.43	4.520	-7.833
HYDRA-025-96	SMF-11	POST	66.00	84.14	0.00	9396	0.51	-2.43	4.562	-8.034
HYDRA-025-96	SMF-11	POST	67.00	84.13	0.00	9370	0.47	-2.48	4.603	-8.236
HYDRA-025-96	SMF-11	POST	68.00	84.12	0.00	9344	0.47	-2.48	4.642	-8.441
HYDRA-025-96	SMF-11	POST	69.00	84.11	0.00	9319	0.47	-2.48	4.681	-8.647
HYDRA-025-96	SMF-11	POST	70.00	84.10	0.00	9295	0.47	-2.49	4.720	-8.852
HYDRA-025-96	SMF-11	POST	71.00	84.08	0.00	9264	0.39	-2.57	4.755	-9.061
HYDRA-025-96	SMF-11	POST	72.00	84.07	0.00	9232	0.39	-2.58	4.787	-9.274
HYDRA-025-96	SMF-11	POST	73.00	84.05	0.00	9204	0.43	-2.55	4.821	-9.486
HYDRA-025-96	SMF-11	POST	74.00	84.04	0.00	9181	0.43	-2.56	4.857	-9.698
HYDRA-025-96	SMF-11	POST	75.00	84.03	0.00	9151	0.34	-2.64	4.889	-9.912
HYDRA-025-96	SMF-11	POST	76.00	84.01	0.00	9119	0.35	-2.65	4.917	-10.131
HYDRA-025-96	SMF-11	POST	77.00	84.00	0.00	9092	0.39	-2.61	4.948	-10.348
HYDRA-025-96	SMF-11	POST	78.00	83.99	0.00	9069	0.39	-2.60	4.980	-10.563
HYDRA-025-96	SMF-11	POST	79.00	83.98	0.00	9043	0.35	-2.62	5.010	-10.779
HYDRA-025-96	SMF-11	POST	80.00	83.96	0.00	9016	0.35	-2.62	5.039	-10.996
HYDRA-025-96	SMF-11	POST	81.00	83.95	0.00	8987	0.30	-2.67	5.066	-11.214
HYDRA-025-96	SMF-11	POST	82.00	83.94	0.00	8957	0.30	-2.67	5.091	-11.435
HYDRA-025-96	SMF-11	POST	83.00	83.92	0.00	8930	0.30	-2.68	5.116	-11.656
HYDRA-025-96	SMF-11	POST	84.00	83.91	0.00	8904	0.30	-2.71	5.141	-11.878
HYDRA-025-96	SMF-11	POST	85.00	83.90	0.00	8878	0.30	-2.69	5.166	-12.101
HYDRA-025-96	SMF-11	POST	86.00	83.89	0.00	8854	0.30	-2.68	5.191	-12.323
HYDRA-025-96	SMF-11	POST	87.00	83.88	0.00	8831	0.30	-2.70	5.216	-12.546
HYDRA-025-96	SMF-11	POST	88.00	83.87	0.00	8809	0.30	-2.70	5.241	-12.769
HYDRA-025-96	SMF-11	POST	89.00	83.86	0.00	8789	0.30	-2.70	5.266	-12.993
HYDRA-025-96	SMF-11	POST	90.00	83.85	0.00	8770	0.30	-2.71	5.291	-13.216
HYDRA-025-96	SMF-11	POST	91.00	83.84	0.00	8747	0.26	-2.75	5.315	-13.441
HYDRA-025-96	SMF-11	POST	92.00	83.83	0.00	8724	0.26	-2.75	5.336	-13.669
HYDRA-025-96	SMF-11	POST	93.00	83.82	0.00	8702	0.26	-2.75	5.358	-13.896
HYDRA-025-96	SMF-11	POST	94.00	83.81	0.00	8681	0.26	-2.76	5.379	-14.124
HYDRA-025-96	SMF-11	POST	95.00	83.79	0.00	8656	0.22	-2.80	5.399	-14.353
HYDRA-025-96	SMF-11	POST	96.00	83.78	0.00	8631	0.22	-2.80	5.417	-14.584
HYDRA-025-96	SMF-12	POST	0.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	0.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	0.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	0.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	0.68	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	0.85	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.02	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.35	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.52	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.68	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	1.85	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.02	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.35	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.52	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	2.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	3.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	4.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	5.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	6.00	84.00	0.00	27007	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-12	POST	6.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	6.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	6.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	6.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	6.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	7.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	8.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	9.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.26	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.43	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.59	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.76	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	10.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.09	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.26	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.59	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.76	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	11.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.09	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.18	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.34	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.51	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.59	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.84	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	12.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.01	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.08	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.58	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	13.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.08	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.58	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	14.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.08	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.17	84.00	0.00	27007	0.00	0.00	0.000	0.000

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-12	POST	15.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.58	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	15.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.08	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.17	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.33	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.42	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.58	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.67	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.83	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	16.92	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	17.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	17.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	17.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	17.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	18.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	18.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	18.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	18.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	19.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	19.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	19.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	19.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	20.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	20.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	20.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	20.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	21.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	21.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	21.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	21.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	22.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	22.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	22.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	22.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	23.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	23.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	23.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	23.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	24.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	24.25	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	24.50	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	24.75	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	25.00	84.00	0.00	27007	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	25.25	84.00	0.00	27008	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	25.50	84.00	0.00	27008	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	25.75	84.00	0.00	27008	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	26.00	84.00	0.00	27008	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	26.25	84.00	0.00	27009	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	26.50	84.00	0.00	27009	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	26.75	84.00	0.00	27010	0.00	0.00	0.000	0.000
HYDRA-025-96	SMF-12	POST	27.00	84.00	0.00	27010	0.00	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	27.25	84.00	0.00	27011	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	27.50	84.00	0.00	27011	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	27.75	84.00	0.00	27012	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	28.00	84.00	0.00	27013	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	28.25	84.00	0.00	27013	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	28.50	84.00	0.00	27014	0.01	0.00	0.001	0.000
HYDRA-025-96	SMF-12	POST	28.75	84.00	0.00	27015	0.01	0.00	0.002	0.000
HYDRA-025-96	SMF-12	POST	29.00	84.00	0.00	27016	0.01	0.00	0.002	0.000
HYDRA-025-96	SMF-12	POST	29.25	84.00	0.00	27017	0.01	0.00	0.002	0.000
HYDRA-025-96	SMF-12	POST	29.50	84.00	0.00	27018	0.01	0.00	0.002	0.000
HYDRA-025-96	SMF-12	POST	29.75	84.00	0.00	27020	0.01	0.00	0.002	0.000
HYDRA-025-96	SMF-12	POST	30.00	84.00	0.00	27021	0.01	0.00	0.003	0.000
HYDRA-025-96	SMF-12	POST	31.00	84.01	0.00	27026	0.01	0.00	0.004	0.000
HYDRA-025-96	SMF-12	POST	32.00	84.01	0.00	27033	0.02	0.00	0.005	0.000
HYDRA-025-96	SMF-12	POST	33.00	84.01	0.00	27040	0.02	0.00	0.006	0.000
HYDRA-025-96	SMF-12	POST	34.00	84.01	0.00	27050	0.02	0.00	0.008	0.000
HYDRA-025-96	SMF-12	POST	35.00	84.02	0.00	27061	0.03	0.00	0.010	0.000
HYDRA-025-96	SMF-12	POST	36.00	84.02	0.00	27073	0.03	0.00	0.013	0.000
HYDRA-025-96	SMF-12	POST	37.00	84.02	0.00	27088	0.04	0.00	0.016	0.000
HYDRA-025-96	SMF-12	POST	38.00	84.03	0.00	27104	0.04	0.00	0.019	0.001
HYDRA-025-96	SMF-12	POST	39.00	84.04	0.00	27122	0.05	0.00	0.023	0.001
HYDRA-025-96	SMF-12	POST	40.00	84.04	0.00	27143	0.05	0.00	0.027	0.001
HYDRA-025-96	SMF-12	POST	41.00	84.05	0.00	27169	0.07	0.01	0.033	0.002

NODE TIME SERIES REPORT | POST-DEVELOPMENT DRAINAGE
(SMF-01, SMF-02, SMF-08 THRU SMF-11, SMF-12)

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
HYDRA-025-96	SMF-12	POST	42.00	84.06	0.00	27199	0.08	0.01	0.039	0.002
HYDRA-025-96	SMF-12	POST	43.00	84.07	0.00	27236	0.11	0.01	0.047	0.003
HYDRA-025-96	SMF-12	POST	44.00	84.08	0.00	27280	0.12	0.01	0.056	0.004
HYDRA-025-96	SMF-12	POST	45.00	84.10	0.00	27326	0.13	0.02	0.066	0.005
HYDRA-025-96	SMF-12	POST	46.00	84.12	0.00	27406	0.28	0.02	0.083	0.007
HYDRA-025-96	SMF-12	POST	47.00	84.21	0.00	27691	1.13	0.05	0.141	0.010
HYDRA-025-96	SMF-12	POST	48.00	84.41	0.00	28357	2.22	0.14	0.279	0.018
HYDRA-025-96	SMF-12	POST	49.00	84.58	0.00	28905	0.97	0.45	0.411	0.042
HYDRA-025-96	SMF-12	POST	50.00	84.60	0.00	28976	0.45	0.55	0.470	0.084
HYDRA-025-96	SMF-12	POST	51.00	84.58	0.00	28914	0.27	0.46	0.499	0.126
HYDRA-025-96	SMF-12	POST	52.00	84.56	0.00	28846	0.22	0.37	0.520	0.160
HYDRA-025-96	SMF-12	POST	53.00	84.55	0.00	28791	0.18	0.31	0.536	0.188
HYDRA-025-96	SMF-12	POST	54.00	84.53	0.00	28750	0.18	0.26	0.552	0.211
HYDRA-025-96	SMF-12	POST	55.00	84.52	0.00	28716	0.14	0.23	0.565	0.232
HYDRA-025-96	SMF-12	POST	56.00	84.51	0.00	28685	0.15	0.21	0.577	0.250
HYDRA-025-96	SMF-12	POST	57.00	84.51	0.00	28658	0.13	0.19	0.588	0.267
HYDRA-025-96	SMF-12	POST	58.00	84.50	0.00	28631	0.13	0.19	0.599	0.283
HYDRA-025-96	SMF-12	POST	59.00	84.49	0.00	28603	0.11	0.18	0.608	0.298
HYDRA-025-96	SMF-12	POST	60.00	84.48	0.00	28573	0.11	0.18	0.617	0.313
HYDRA-025-96	SMF-12	POST	61.00	84.47	0.00	28544	0.10	0.17	0.626	0.327
HYDRA-025-96	SMF-12	POST	62.00	84.46	0.00	28515	0.10	0.17	0.634	0.341
HYDRA-025-96	SMF-12	POST	63.00	84.45	0.00	28486	0.09	0.16	0.642	0.355
HYDRA-025-96	SMF-12	POST	64.00	84.44	0.00	28456	0.09	0.16	0.649	0.368
HYDRA-025-96	SMF-12	POST	65.00	84.43	0.00	28427	0.08	0.15	0.656	0.381
HYDRA-025-96	SMF-12	POST	66.00	84.43	0.00	28398	0.08	0.15	0.663	0.393
HYDRA-025-96	SMF-12	POST	67.00	84.42	0.00	28370	0.07	0.14	0.669	0.405
HYDRA-025-96	SMF-12	POST	68.00	84.41	0.00	28342	0.07	0.14	0.675	0.417
HYDRA-025-96	SMF-12	POST	69.00	84.40	0.00	28316	0.07	0.14	0.681	0.428
HYDRA-025-96	SMF-12	POST	70.00	84.39	0.00	28291	0.07	0.13	0.687	0.439
HYDRA-025-96	SMF-12	POST	71.00	84.39	0.00	28266	0.06	0.13	0.693	0.450
HYDRA-025-96	SMF-12	POST	72.00	84.38	0.00	28239	0.06	0.12	0.698	0.461
HYDRA-025-96	SMF-12	POST	73.00	84.37	0.00	28215	0.07	0.12	0.703	0.471
HYDRA-025-96	SMF-12	POST	74.00	84.36	0.00	28194	0.07	0.12	0.709	0.480
HYDRA-025-96	SMF-12	POST	75.00	84.36	0.00	28172	0.05	0.11	0.714	0.490
HYDRA-025-96	SMF-12	POST	76.00	84.35	0.00	28148	0.05	0.11	0.719	0.499
HYDRA-025-96	SMF-12	POST	77.00	84.34	0.00	28127	0.06	0.11	0.723	0.508
HYDRA-025-96	SMF-12	POST	78.00	84.34	0.00	28108	0.06	0.10	0.728	0.517
HYDRA-025-96	SMF-12	POST	79.00	84.33	0.00	28089	0.05	0.10	0.733	0.525
HYDRA-025-96	SMF-12	POST	80.00	84.33	0.00	28070	0.05	0.10	0.738	0.534
HYDRA-025-96	SMF-12	POST	81.00	84.32	0.00	28051	0.05	0.10	0.742	0.542
HYDRA-025-96	SMF-12	POST	82.00	84.31	0.00	28031	0.05	0.09	0.746	0.550
HYDRA-025-96	SMF-12	POST	83.00	84.31	0.00	28012	0.05	0.09	0.750	0.557
HYDRA-025-96	SMF-12	POST	84.00	84.30	0.00	27995	0.05	0.09	0.754	0.565
HYDRA-025-96	SMF-12	POST	85.00	84.30	0.00	27978	0.05	0.09	0.758	0.572
HYDRA-025-96	SMF-12	POST	86.00	84.29	0.00	27963	0.05	0.08	0.762	0.579
HYDRA-025-96	SMF-12	POST	87.00	84.29	0.00	27948	0.05	0.08	0.766	0.586
HYDRA-025-96	SMF-12	POST	88.00	84.28	0.00	27934	0.05	0.08	0.770	0.593
HYDRA-025-96	SMF-12	POST	89.00	84.28	0.00	27921	0.05	0.08	0.774	0.599
HYDRA-025-96	SMF-12	POST	90.00	84.28	0.00	27908	0.05	0.08	0.778	0.606
HYDRA-025-96	SMF-12	POST	91.00	84.27	0.00	27895	0.04	0.08	0.781	0.612
HYDRA-025-96	SMF-12	POST	92.00	84.27	0.00	27881	0.04	0.07	0.785	0.618
HYDRA-025-96	SMF-12	POST	93.00	84.26	0.00	27867	0.04	0.07	0.788	0.624
HYDRA-025-96	SMF-12	POST	94.00	84.26	0.00	27855	0.04	0.07	0.792	0.630
HYDRA-025-96	SMF-12	POST	95.00	84.26	0.00	27841	0.03	0.07	0.795	0.636
HYDRA-025-96	SMF-12	POST	96.00	84.25	0.00	27827	0.03	0.07	0.798	0.641

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==== Basins ====================================================================
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        Name: COMP-01                 Node: COMP-01               Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 3.600                Time Shift(hrs): 0.00
        Curve Number: 68.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: COMP-02                 Node: COMP-02               Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 4.900                Time Shift(hrs): 0.00
        Curve Number: 66.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: OFF-02                  Node: WET-04-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh323                  Peaking Factor: 323.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 4.300                Time Shift(hrs): 0.00
        Curve Number: 37.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: OFF-03                  Node: OUT-04-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 0.100                Time Shift(hrs): 0.00
        Curve Number: 80.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: RY-01                   Node: OUT-01-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 10.600               Time Shift(hrs): 0.00
        Curve Number: 69.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: RY-02                   Node: OUT-01-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 0.700                Time Shift(hrs): 0.00
        Curve Number: 44.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



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        Name: RY-03                   Node: WET-01-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 11.00
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            Area(ac): 3.500                 Time Shift(hrs): 0.00
       Curve Number: 56.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



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        Name: RY-04                   Node: WET-02-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 11.00
            Area(ac): 2.500                 Time Shift(hrs): 0.00
       Curve Number: 50.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: RY-05                   Node: OUT-02-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
            Area(ac): 1.200                 Time Shift(hrs): 0.00
       Curve Number: 58.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



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        Name: RY-06                   Node: OUT-03-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
            Area(ac): 0.900                 Time Shift(hrs): 0.00
       Curve Number: 39.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: RY-07                   Node: WET-04-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
            Area(ac): 4.200                 Time Shift(hrs): 0.00
       Curve Number: 45.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: RY-08                   Node: WET-05-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 17.00
            Area(ac): 2.700                 Time Shift(hrs): 0.00
       Curve Number: 45.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



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        Name: RY-09                   Node: OUT-04-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
        Rainfall File:                     Storm Duration(hrs): 0.00
  Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
            Area(ac): 1.200                 Time Shift(hrs): 0.00
       Curve Number: 59.00             Max Allowable Q(cfs): 999999.000
            DCIA(%): 0.00



-------------------------------------------------------------------------------------------------
        Name: RY-10                   Node: WET-07-PST            Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

      Unit Hydrograph: Uh484                  Peaking Factor: 484.0
```

```
         Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 16.00
              Area(ac): 2.700                  Time Shift(hrs): 0.00
          Curve Number: 62.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: RY-11                   Node: WET-08-PST            Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 16.00
              Area(ac): 1.400                  Time Shift(hrs): 0.00
          Curve Number: 53.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-04A                   Node: S-04A                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
              Area(ac): 1.400                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-04B                   Node: S-04B                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
              Area(ac): 0.600                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-04C                   Node: S-04C                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
              Area(ac): 5.200                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-04D                   Node: S-04D                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 15.00
              Area(ac): 3.800                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-04E                   Node: S-04E                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                 Peaking Factor: 484.0
          Rainfall File:                   Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000               Time of Conc(min): 10.00
              Area(ac): 9.000                  Time Shift(hrs): 0.00
          Curve Number: 74.00              Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: S-05A                   Node: S-05A                 Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN
```

```
        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 15.00
                Area(ac): 0.800                 Time Shift(hrs): 0.00
           Curve Number: 63.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-05B                    Node: S-05B                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 15.00
                Area(ac): 0.100                 Time Shift(hrs): 0.00
           Curve Number: 63.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-05C                    Node: S-05C                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 15.00
                Area(ac): 1.300                 Time Shift(hrs): 0.00
           Curve Number: 63.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-05D                    Node: S-05D                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 15.00
                Area(ac): 0.400                 Time Shift(hrs): 0.00
           Curve Number: 63.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-05F                    Node: S-05F                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 15.00
                Area(ac): 0.300                 Time Shift(hrs): 0.00
           Curve Number: 63.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-08A                    Node: S-08A                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
                Area(ac): 0.400                 Time Shift(hrs): 0.00
           Curve Number: 81.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
         Name: S-08B                    Node: S-08B                 Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                    Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
                Area(ac): 0.400                 Time Shift(hrs): 0.00
           Curve Number: 81.00              Max Allowable Q(cfs): 999999.000
                DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
```

```
        Name: S-08C                   Node: S-08C                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 10.00
            Area(ac): 0.100                  Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-08D                   Node: S-08D                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 10.00
            Area(ac): 0.800                  Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-08E                   Node: S-08E                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 10.00
            Area(ac): 0.700                  Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-09A                   Node: S-09A                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 2.700                  Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-17A                   Node: S-17A                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 1.700                  Time Shift(hrs): 0.00
        Curve Number: 66.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-17B                   Node: S-17B                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 1.000                  Time Shift(hrs): 0.00
        Curve Number: 66.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00



--------------------------------------------------------------------------------------------------
        Name: S-17C                   Node: S-17C                 Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                   Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 0.200                  Time Shift(hrs): 0.00
        Curve Number: 66.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00
```

```
--------------------------------------------------------------------------------------------------
        Name: SUB-01                  Node: SMF-01                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 24.00
            Area(ac): 14.300               Time Shift(hrs): 0.00
        Curve Number: 75.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-02                  Node: SMF-02                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 22.00
            Area(ac): 11.500               Time Shift(hrs): 0.00
        Curve Number: 73.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-03                  Node: SMF-03                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
            Area(ac): 2.200               Time Shift(hrs): 0.00
        Curve Number: 77.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-04                  Node: SMF-04                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 26.00
            Area(ac): 4.800               Time Shift(hrs): 0.00
        Curve Number: 74.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-05                  Node: SMF-05                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 19.00
            Area(ac): 2.700               Time Shift(hrs): 0.00
        Curve Number: 63.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-06                  Node: SMF-06                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 16.00
            Area(ac): 3.200               Time Shift(hrs): 0.00
        Curve Number: 74.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-07                  Node: SMF-07                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                 Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000             Time of Conc(min): 25.00
            Area(ac): 5.700               Time Shift(hrs): 0.00
        Curve Number: 73.00            Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00
```

```
--------------------------------------------------------------------------------------------------
        Name: SUB-08                  Node: SMF-08                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 2.700                Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-09                  Node: SMF-09                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 19.00
            Area(ac): 1.400                Time Shift(hrs): 0.00
        Curve Number: 81.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-10                  Node: SMF-10                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 16.00
            Area(ac): 3.000                Time Shift(hrs): 0.00
        Curve Number: 79.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-11                  Node: SMF-11                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 22.00
            Area(ac): 8.400                Time Shift(hrs): 0.00
        Curve Number: 74.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-12                  Node: SMF-12                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 15.00
            Area(ac): 1.400                Time Shift(hrs): 0.00
        Curve Number: 67.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-13                  Node: SMF-13                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 22.00
            Area(ac): 7.400                Time Shift(hrs): 0.00
        Curve Number: 70.00             Max Allowable Q(cfs): 999999.000
             DCIA(%): 0.00


--------------------------------------------------------------------------------------------------
        Name: SUB-14                  Node: SMF-14                Status: Onsite
       Group: POST                    Type: SCS Unit Hydrograph CN

       Unit Hydrograph: Uh484                  Peaking Factor: 484.0
         Rainfall File:                  Storm Duration(hrs): 0.00
   Rainfall Amount(in): 0.000              Time of Conc(min): 29.00
            Area(ac): 11.400               Time Shift(hrs): 0.00
```

```
          Curve Number: 74.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: SUB-15                  Node: SMF-15                Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 22.00
                Area(ac): 8.500              Time Shift(hrs): 0.00
          Curve Number: 74.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: SUB-16                  Node: SMF-16                Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 24.00
                Area(ac): 21.200             Time Shift(hrs): 0.00
          Curve Number: 72.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: SUB-17                  Node: SMF-17                Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 21.00
                Area(ac): 1.300              Time Shift(hrs): 0.00
          Curve Number: 66.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: SUB-19                  Node: SMF-19                Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 24.00
                Area(ac): 5.600              Time Shift(hrs): 0.00
          Curve Number: 68.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: SUB-20                  Node: SMF-20                Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 16.00
                Area(ac): 1.800              Time Shift(hrs): 0.00
          Curve Number: 60.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: WET-01-PST              Node: WET-01-PST            Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000             Time of Conc(min): 10.00
                Area(ac): 11.400             Time Shift(hrs): 0.00
          Curve Number: 91.00             Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


--------------------------------------------------------------------------------------------------------
         Name: WET-02-PST              Node: WET-02-PST            Status: Onsite
        Group: POST                    Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                  Peaking Factor: 484.0
          Rainfall File:                 Storm Duration(hrs): 0.00
```

```
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
              Area(ac): 4.700                   Time Shift(hrs): 0.00
          Curve Number: 87.00               Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-04-PST               Node: WET-04-PST             Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                    Peaking Factor: 484.0
          Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
              Area(ac): 14.800                  Time Shift(hrs): 0.00
          Curve Number: 91.00               Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


-------------------------------------------------------------------------------------------------
         Name: WET-05-PST               Node: WET-05-PST             Status: Onsite
        Group: POST                     Type: SCS Unit Hydrograph CN

        Unit Hydrograph: Uh484                    Peaking Factor: 484.0
          Rainfall File:                     Storm Duration(hrs): 0.00
    Rainfall Amount(in): 0.000                Time of Conc(min): 10.00
              Area(ac): 3.800                   Time Shift(hrs): 0.00
          Curve Number: 89.00               Max Allowable Q(cfs): 999999.000
               DCIA(%): 0.00


=================================================================================================
==== Nodes ======================================================================================
=================================================================================================

      Name: COMP-01             Base Flow(cfs): 0.000          Init Stage(ft): 79.500
     Group: POST                                               Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         78.000            1.60
         79.000            1.70
         80.000            2.20
         81.000            2.30
         82.000            2.50
         83.000            2.70
         84.000            2.80

-------------------------------------------------------------------------------------------------
      Name: COMP-02             Base Flow(cfs): 0.000          Init Stage(ft): 78.500
     Group: POST                                               Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         78.000            2.00
         79.000            2.10
         80.000            2.50
         81.000            2.70
         82.000            2.90
         83.000            3.10
         84.000            3.30

-------------------------------------------------------------------------------------------------
      Name: OUT-01-PST          Base Flow(cfs): 0.000          Init Stage(ft): 79.500
     Group: POST                                               Warn Stage(ft): 0.000
      Type: Time/Stage


      Time(hrs)       Stage(ft)
--------------- ---------------
           0.00          79.500
          96.00          79.500

-------------------------------------------------------------------------------------------------
      Name: OUT-02-PST          Base Flow(cfs): 0.000          Init Stage(ft): 78.500
     Group: POST                                               Warn Stage(ft): 0.000
      Type: Time/Stage
```

Time(hrs)	Stage(ft)
0.00	78.500
96.00	78.500

Name: OUT-03-PST Base Flow(cfs): 0.000 Init Stage(ft): 76.500
Group: POST Warn Stage(ft): 0.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	76.500
48.00	76.500

Name: OUT-04-PST Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: POST Warn Stage(ft): 0.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	78.500
48.00	78.500

Name: S-04A Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-04B Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-04C Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-04D Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-04E Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-05A Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-05B Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-05C Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-05D Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-05F Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-08A Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-08B Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-08C Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-08D Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

Name: S-08E Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)

```
--------------------------------------------------------------------------------------------
      Name: S-09A              Base Flow(cfs): 0.000          Init Stage(ft): 83.000
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

--------------------------------------------------------------------------------------------
      Name: S-17A              Base Flow(cfs): 0.000          Init Stage(ft): 82.000
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

--------------------------------------------------------------------------------------------
      Name: S-17B              Base Flow(cfs): 0.000          Init Stage(ft): 82.000
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

--------------------------------------------------------------------------------------------
      Name: S-17C              Base Flow(cfs): 0.000          Init Stage(ft): 82.000
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------

--------------------------------------------------------------------------------------------
      Name: SMF-01             Base Flow(cfs): 0.000          Init Stage(ft): 84.000
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         84.000            2.10
         87.000            2.62

--------------------------------------------------------------------------------------------
      Name: SMF-02             Base Flow(cfs): 0.000          Init Stage(ft): 82.300
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         82.300            0.46
         86.800            0.81

--------------------------------------------------------------------------------------------
      Name: SMF-03             Base Flow(cfs): 0.000          Init Stage(ft): 81.500
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         81.500            1.37
         85.500            2.04

--------------------------------------------------------------------------------------------
      Name: SMF-04             Base Flow(cfs): 0.000          Init Stage(ft): 81.500
     Group: POST                                             Warn Stage(ft): 0.000
      Type: Stage/Area


      Stage(ft)        Area(ac)
--------------- ---------------
         81.500            0.46
         86.000            0.81
```

Name: SMF-05 Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
81.500	0.66
84.500	1.07

Name: SMF-06 Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
81.500	0.78
84.500	1.03

Name: SMF-07 Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
81.500	0.74
84.500	1.05

Name: SMF-08 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	1.35
86.000	1.70

Name: SMF-09 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	0.62
86.000	0.86

Name: SMF-10 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	0.65
86.000	0.89

Name: SMF-11 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	0.16
86.500	0.33

Name: SMF-12 Base Flow(cfs): 0.000 Init Stage(ft): 84.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
84.000	0.62
86.000	0.77

Name: SMF-13 Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
81.500	1.63
84.500	2.22

Name: SMF-14 Base Flow(cfs): 0.000 Init Stage(ft): 81.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
81.500	0.87
84.500	1.41

Name: SMF-15 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	1.92
86.000	2.36

Name: SMF-16 Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
83.000	2.46
86.000	3.16

Name: SMF-17 Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
82.000	0.17
85.500	0.34

Name: SMF-19 Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
82.000	0.46
85.500	0.78

Name: SMF-20 Base Flow(cfs): -0.150 Init Stage(ft): 86.000
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
86.000	0.31

88.500	0.44

Name: WET-01-PST Base Flow(cfs): 0.000 Init Stage(ft): 79.400
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
79.380	2.20
80.000	4.50
81.000	6.20
82.000	8.20
83.000	9.40
84.000	10.80

Name: WET-02-PST Base Flow(cfs): 0.000 Init Stage(ft): 79.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	1.00
79.000	2.10
80.000	2.70
81.000	3.10
82.000	3.20
83.000	3.30
84.000	3.60

Name: WET-04-PST Base Flow(cfs): 0.000 Init Stage(ft): 77.600
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
76.500	1.90
77.000	2.00
78.000	2.90
79.000	9.00
80.000	11.40
81.000	12.30
82.000	12.90
83.000	13.50

Name: WET-05-PST Base Flow(cfs): 0.000 Init Stage(ft): 78.500
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
76.500	2.30
77.000	2.40
78.000	2.50
79.000	2.60
80.000	2.70
81.000	2.80
82.000	2.90
83.000	3.10

Name: WET-07-PST Base Flow(cfs): 0.000 Init Stage(ft): 78.700
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	3.50
79.000	4.20
80.000	6.40
81.000	9.90
82.000	13.40
83.000	14.40
84.000	14.80

Name: WET-08-PST Base Flow(cfs): 0.000 Init Stage(ft): 78.700
Group: POST Warn Stage(ft): 0.000
Type: Stage/Area

Stage(ft)	Area(ac)
78.500	3.60
79.000	3.70
80.000	4.40
81.000	5.60
82.000	5.90
83.000	6.10
84.000	6.40

Cross Sections

Name: NAT-WEIR-01 Group: POST
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N
0.000	26.500	0.090000
10.000	24.090	0.090000
92.000	24.090	0.090000
142.000	23.710	0.090000
195.000	24.050	0.090000
248.000	24.280	0.090000
300.000	23.970	0.090000
317.000	23.970	0.090000
325.000	26.000	0.090000

Pipes

Name: CULV-01-PST From Node: WET-01-PST Length(ft): 155.00
Group: POST To Node: OUT-01-PST Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	36.00	36.00	Flow:	Both
Rise(in):	36.00	36.00	Entrance Loss Coef:	0.70
Invert(ft):	79.700	79.450	Exit Loss Coef:	1.00
Manning's N:	0.012000	0.012000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name: CULV-02-PST From Node: WET-02-PST Length(ft): 123.00
Group: POST To Node: WET-01-PST Count: 1
Friction Equation: Automatic

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Solution Algorithm:	Most Restrictive
Span(in):	24.00	24.00	Flow:	Both
Rise(in):	24.00	24.00	Entrance Loss Coef:	0.70
Invert(ft):	78.500	79.400	Exit Loss Coef:	1.00
Manning's N:	0.013000	0.013000	Bend Loss Coef:	0.00
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name: CULV-05-PST From Node: WET-05-PST Length(ft): 138.00
Group: POST To Node: WET-04-PST Count: 1

```
                                                  Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM           Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                       Flow: Both
     Span(in): 24.00          24.00                Entrance Loss Coef: 0.70
     Rise(in): 24.00          24.00                    Exit Loss Coef: 1.00
   Invert(ft): 78.500         77.000                   Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000               Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                   Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                 Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


-------------------------------------------------------------------------------------------------
         Name: CULV-08-PST         From Node: WET-08-PST         Length(ft): 21.00
        Group: POST                  To Node: WET-07-PST              Count: 1
                                                  Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM           Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                       Flow: Both
     Span(in): 12.00          12.00                Entrance Loss Coef: 0.20
     Rise(in): 12.00          12.00                    Exit Loss Coef: 0.00
   Invert(ft): 80.160         80.190                   Bend Loss Coef: 0.00
  Manning's N: 0.011000       0.011000               Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                   Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                 Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Projecting

Downstream FHWA Inlet Edge Description:
Circular CMP: Projecting


-------------------------------------------------------------------------------------------------
         Name: PIPE-04A            From Node: S-04A              Length(ft): 197.00
        Group: POST                  To Node: SMF-04                  Count: 1
                                                  Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM           Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                       Flow: Both
     Span(in): 54.00          54.00                Entrance Loss Coef: 0.00
     Rise(in): 54.00          54.00                    Exit Loss Coef: 1.00
   Invert(ft): 74.650         74.550                   Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000               Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                   Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                 Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


-------------------------------------------------------------------------------------------------
         Name: PIPE-04B            From Node: S-04B              Length(ft): 34.00
        Group: POST                  To Node: S-04A                   Count: 1
                                                  Friction Equation: Automatic
              UPSTREAM       DOWNSTREAM           Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                       Flow: Both
     Span(in): 54.00          54.00                Entrance Loss Coef: 0.00
     Rise(in): 54.00          54.00                    Exit Loss Coef: 0.00
   Invert(ft): 74.700         74.650                   Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000               Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                   Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                 Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

```
---------------------------------------------------------------------------------------------
         Name: PIPE-04C           From Node: S-04C             Length(ft): 419.00
        Group: POST                 To Node: S-04B                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 54.00          54.00                    Entrance Loss Coef: 0.00
     Rise(in): 54.00          54.00                        Exit Loss Coef: 0.00
   Invert(ft): 74.850         74.700                       Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


---------------------------------------------------------------------------------------------
         Name: PIPE-04D           From Node: S-04D             Length(ft): 114.00
        Group: POST                 To Node: S-04C                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.00
     Rise(in): 36.00          36.00                        Exit Loss Coef: 0.00
   Invert(ft): 76.350         76.250                       Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


---------------------------------------------------------------------------------------------
         Name: PIPE-04E           From Node: S-04E             Length(ft): 178.00
        Group: POST                 To Node: S-04D                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 36.00          36.00                    Entrance Loss Coef: 0.00
     Rise(in): 36.00          36.00                        Exit Loss Coef: 0.00
   Invert(ft): 77.700         76.350                       Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


---------------------------------------------------------------------------------------------
         Name: PIPE-05A           From Node: S-05A             Length(ft): 147.00
        Group: POST                 To Node: SMF-05                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.00
     Rise(in): 30.00          30.00                        Exit Loss Coef: 1.00
   Invert(ft): 78.450         78.000                       Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope
```

```
-------------------------------------------------------------------------------------------------
         Name: PIPE-05B           From Node: S-05B             Length(ft): 203.00
        Group: POST                 To Node: S-05A                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.00
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.00
   Invert(ft): 78.650         78.450                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-05C           From Node: S-05C             Length(ft): 269.00
        Group: POST                 To Node: S-05B                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 30.00          30.00                     Entrance Loss Coef: 0.00
     Rise(in): 30.00          30.00                         Exit Loss Coef: 0.00
   Invert(ft): 78.900         78.650                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-05D           From Node: S-05D             Length(ft): 37.00
        Group: POST                 To Node: S-05C                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 24.00          24.00                     Entrance Loss Coef: 0.00
     Rise(in): 24.00          24.00                         Exit Loss Coef: 0.00
   Invert(ft): 79.500         79.400                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-05F           From Node: S-05F             Length(ft): 93.00
        Group: POST                 To Node: SMF-05                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                             Flow: Both
     Span(in): 18.00          18.00                     Entrance Loss Coef: 0.00
     Rise(in): 18.00          18.00                         Exit Loss Coef: 1.00
   Invert(ft): 80.000         79.000                        Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                    Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                        Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                     Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall
```

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name:	PIPE-08A	From Node:	S-08A	Length(ft): 67.00
Group:	POST	To Node:	SMF-08	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.00
Rise(in):	24.00	24.00		Exit Loss Coef: 1.00
Invert(ft):	79.600	79.500		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name:	PIPE-08B	From Node:	S-08B	Length(ft): 48.00
Group:	POST	To Node:	S-08A	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.00
Rise(in):	24.00	24.00		Exit Loss Coef: 0.00
Invert(ft):	79.650	79.600		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	PIPE-08C	From Node:	S-08C	Length(ft): 125.00
Group:	POST	To Node:	SMF-08	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	36.00	36.00		Entrance Loss Coef: 0.00
Rise(in):	36.00	36.00		Exit Loss Coef: 1.00
Invert(ft):	78.600	78.500		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name:	PIPE-08D	From Node:	S-08D	Length(ft): 247.00
Group:	POST	To Node:	S-08C	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	36.00	36.00		Entrance Loss Coef: 0.00
Rise(in):	36.00	36.00		Exit Loss Coef: 0.00
Invert(ft):	78.750	78.600		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	PIPE-08E	From Node: S-08E	Length(ft): 255.00
Group:	POST	To Node: S-08D	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	36.00	36.00	Entrance Loss Coef: 0.00
Rise(in):	36.00	36.00	Exit Loss Coef: 0.00
Invert(ft):	78.950	78.750	Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	PIPE-09A	From Node: S-09A	Length(ft): 79.00
Group:	POST	To Node: SMF-09	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	30.00	30.00	Entrance Loss Coef: 0.00
Rise(in):	30.00	30.00	Exit Loss Coef: 1.00
Invert(ft):	80.500	79.000	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name:	PIPE-17A	From Node: S-17A	Length(ft): 151.00
Group:	POST	To Node: SMF-17	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	30.00	30.00	Entrance Loss Coef: 0.00
Rise(in):	30.00	30.00	Exit Loss Coef: 1.00
Invert(ft):	78.650	78.500	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Name:	PIPE-17B	From Node: S-17B	Length(ft): 319.00
Group:	POST	To Node: S-17A	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	30.00	30.00	Entrance Loss Coef: 0.00
Rise(in):	30.00	30.00	Exit Loss Coef: 0.00
Invert(ft):	79.400	78.650	Bend Loss Coef: 0.00
Manning's N:	0.013000	0.013000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc

```
 Bot Clip(in): 0.000          0.000                      Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-17C           From Node: S-17C             Length(ft): 41.00
        Group: POST                 To Node: S-17B                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.00
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.00
   Invert(ft): 79.500         79.400                         Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-04        From Node: SMF-04            Length(ft): 207.00
        Group: POST                 To Node: SMF-03                 Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 54.00          54.00                      Entrance Loss Coef: 0.70
     Rise(in): 54.00          54.00                          Exit Loss Coef: 1.00
   Invert(ft): 75.600         75.500                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-06        From Node: SMF-06            Length(ft): 92.00
        Group: POST                 To Node: S-05F                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 18.00          18.00                      Entrance Loss Coef: 0.70
     Rise(in): 18.00          18.00                          Exit Loss Coef: 0.00
   Invert(ft): 79.000         80.000                         Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                     Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                          Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                       Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-07        From Node: SMF-07            Length(ft): 180.00
        Group: POST                 To Node: S-05D                  Count: 1
                                                          Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                               Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.70
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.00
```

```
   Invert(ft): 78.500         79.500                      Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                   Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-09         From Node: SMF-09            Length(ft): 67.00
        Group: POST                  To Node: S-08B                 Count: 1
                                                             Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                         Flow: Both
     Span(in): 24.00          24.00                      Entrance Loss Coef: 0.70
     Rise(in): 24.00          24.00                          Exit Loss Coef: 0.00
   Invert(ft): 79.500         79.650                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                   Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-10         From Node: SMF-10            Length(ft): 104.00
        Group: POST                  To Node: S-09A                 Count: 1
                                                             Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                         Flow: Both
     Span(in): 30.00          30.00                      Entrance Loss Coef: 0.70
     Rise(in): 30.00          30.00                          Exit Loss Coef: 0.00
   Invert(ft): 79.000         80.500                         Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                   Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-11         From Node: SMF-11            Length(ft): 85.00
        Group: POST                  To Node: S-08E                 Count: 1
                                                             Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
     Geometry: Circular       Circular                         Flow: Both
     Span(in): 36.00          36.00                      Entrance Loss Coef: 0.70
     Rise(in): 36.00          36.00                          Exit Loss Coef: 0.00
   Invert(ft): 78.500         78.950                         Bend Loss Coef: 0.00
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                   Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


-------------------------------------------------------------------------------------------------
         Name: PIPE-SMF-19         From Node: SMF-19            Length(ft): 134.00
        Group: POST                  To Node: S-17C                 Count: 1
                                                             Friction Equation: Automatic
               UPSTREAM       DOWNSTREAM                 Solution Algorithm: Most Restrictive
```

```
     Geometry: Circular       Circular                              Flow: Both
     Span(in): 30.00          30.00                    Entrance Loss Coef: 0.70
     Rise(in): 30.00          30.00                        Exit Loss Coef: 0.00
   Invert(ft): 78.500         79.400                       Bend Loss Coef: 0.00
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                    Stabilizer Option: None


Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall


================================================================================
==== Drop Structures ===========================================================
================================================================================

        Name: CS-01               From Node: SMF-01            Length(ft): 58.00
       Group: POST                  To Node: OUT-01-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                                Flow: Both
     Rise(in): 36.00          36.00                    Entrance Loss Coef: 0.700
   Invert(ft): 81.000         78.800                       Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                         Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 2 for Drop Structure CS-01 ***
                                                                          TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 4.30                       Invert(ft): 84.000
              Rise(in): 9.00                Control Elev(ft): 84.000

*** Weir 2 of 2 for Drop Structure CS-01 ***
                                                                          TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 60.00                      Invert(ft): 84.750
              Rise(in): 999.00              Control Elev(ft): 84.750


--------------------------------------------------------------------------------------------------
        Name: CS-02               From Node: SMF-02            Length(ft): 60.00
       Group: POST                  To Node: WET-01-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 42.00          42.00                                Flow: Both
     Rise(in): 42.00          42.00                    Entrance Loss Coef: 0.700
   Invert(ft): 78.800         77.900                       Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                         Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 2 for Drop Structure CS-02 ***
                                                                          TABLE
                 Count: 1                      Bottom Clip(in): 0.000
                  Type: Vertical: Mavis           Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
```

```
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 4.70                       Invert(ft): 82.300
              Rise(in): 28.20                Control Elev(ft): 82.300

*** Weir 2 of 2 for Drop Structure CS-02 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 66.00                      Invert(ft): 84.650
              Rise(in): 999.00               Control Elev(ft): 84.650


-------------------------------------------------------------------------------------------------
         Name: CS-03              From Node: SMF-03            Length(ft): 59.00
        Group: POST                 To Node: WET-04-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 42.00          42.00                             Flow: Both
     Rise(in): 42.00          42.00                   Entrance Loss Coef: 0.700
   Invert(ft): 78.000         76.100                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 3 for Drop Structure CS-03 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 2.25                       Invert(ft): 81.500
              Rise(in): 18.60                Control Elev(ft): 81.500

*** Weir 2 of 3 for Drop Structure CS-03 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 54.00                      Invert(ft): 83.050
              Rise(in): 15.60                Control Elev(ft): 83.050

*** Weir 3 of 3 for Drop Structure CS-03 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 60.00                      Invert(ft): 84.350
              Rise(in): 999.00               Control Elev(ft): 84.350


-------------------------------------------------------------------------------------------------
         Name: CS-05              From Node: SMF-05            Length(ft): 55.00
        Group: POST                 To Node: WET-04-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                             Flow: Both
     Rise(in): 30.00          30.00                   Entrance Loss Coef: 0.700
   Invert(ft): 79.000         76.600                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope
```

```
*** Weir 1 of 3 for Drop Structure CS-05 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 5.20                         Invert(ft): 81.500
              Rise(in): 7.20                  Control Elev(ft): 81.500

*** Weir 2 of 3 for Drop Structure CS-05 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 36.00                        Invert(ft): 82.100
              Rise(in): 13.80                 Control Elev(ft): 82.100

*** Weir 3 of 3 for Drop Structure CS-05 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 48.00                        Invert(ft): 83.250
              Rise(in): 999.00                Control Elev(ft): 83.250


-------------------------------------------------------------------------------------------------
         Name: CS-08               From Node: SMF-08            Length(ft): 50.00
        Group: POST                  To Node: OUT-01-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                             Flow: Both
     Rise(in): 36.00          36.00                   Entrance Loss Coef: 0.700
   Invert(ft): 80.000         78.500                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope



*** Weir 1 of 2 for Drop Structure CS-08 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 5.30                         Invert(ft): 83.000
              Rise(in): 13.80                 Control Elev(ft): 83.000

*** Weir 2 of 2 for Drop Structure CS-08 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 60.00                        Invert(ft): 84.150
              Rise(in): 999.00                Control Elev(ft): 84.150


-------------------------------------------------------------------------------------------------
         Name: CS-11               From Node: SMF-11            Length(ft): 59.00
        Group: POST                  To Node: OUT-01-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                             Flow: Both
     Rise(in): 30.00          30.00                   Entrance Loss Coef: 0.700
   Invert(ft): 80.500         78.500                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope
```

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

*** Weir 1 of 1 for Drop Structure CS-11 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	60.00	Invert(ft):	84.150
Rise(in):	999.00	Control Elev(ft):	84.150

Name:	CS-12	From Node:	SMF-12
Group:	POST	To Node:	WET-02-PST

Length(ft): 57.00
Count: 1

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Friction Equation:	Automatic
Span(in):	15.00	15.00	Solution Algorithm:	Most Restrictive
Rise(in):	15.00	15.00	Flow:	Both
Invert(ft):	82.750	78.000	Entrance Loss Coef:	0.700
Manning's N:	0.013000	0.013000	Exit Loss Coef:	1.000
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Solution Incs:	10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

*** Weir 1 of 2 for Drop Structure CS-12 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	2.00	Invert(ft):	84.000
Rise(in):	6.00	Control Elev(ft):	84.000

*** Weir 2 of 2 for Drop Structure CS-12 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	36.00	Invert(ft):	84.500
Rise(in):	999.00	Control Elev(ft):	84.500

Name:	CS-13	From Node:	SMF-13
Group:	POST	To Node:	WET-04-PST

Length(ft): 713.00
Count: 1

	UPSTREAM	DOWNSTREAM		
Geometry:	Circular	Circular	Friction Equation:	Automatic
Span(in):	24.00	24.00	Solution Algorithm:	Most Restrictive
Rise(in):	24.00	24.00	Flow:	Both
Invert(ft):	80.000	76.500	Entrance Loss Coef:	0.700
Manning's N:	0.013000	0.013000	Exit Loss Coef:	0.000
Top Clip(in):	0.000	0.000	Outlet Ctrl Spec:	Use dc or tw
Bot Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
			Solution Incs:	10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

*** Weir 1 of 2 for Drop Structure CS-13 ***

TABLE

Count:	1	Bottom Clip(in):	0.000
Type:	Vertical: Mavis	Top Clip(in):	0.000
Flow:	Both	Weir Disc Coef:	3.200
Geometry:	Rectangular	Orifice Disc Coef:	0.600
Span(in):	4.30	Invert(ft):	81.500
Rise(in):	6.00	Control Elev(ft):	81.500

```
*** Weir 2 of 2 for Drop Structure CS-13 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 36.00                       Invert(ft): 82.000
             Rise(in): 999.00                Control Elev(ft): 82.000


-------------------------------------------------------------------------------------------------
         Name: CS-14              From Node: SMF-14            Length(ft): 155.00
        Group: POST                 To Node: WET-04-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                 Flow: Both
     Rise(in): 30.00          30.00                    Entrance Loss Coef: 0.700
   Invert(ft): 79.000         76.600                       Exit Loss Coef: 1.000
  Manning's N: 0.013000       0.013000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 2 for Drop Structure CS-14 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 3.70                        Invert(ft): 81.500
             Rise(in): 16.80                 Control Elev(ft): 81.500

*** Weir 2 of 2 for Drop Structure CS-14 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 36.00                       Invert(ft): 82.900
             Rise(in): 999.00                Control Elev(ft): 82.900


-------------------------------------------------------------------------------------------------
         Name: CS-15              From Node: SMF-15            Length(ft): 116.00
        Group: POST                 To Node: OUT-04-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                                 Flow: Both
     Rise(in): 36.00          36.00                    Entrance Loss Coef: 0.700
   Invert(ft): 80.000         77.500                       Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                   Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                       Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                          Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 3 for Drop Structure CS-15 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
             Geometry: Rectangular           Orifice Disc Coef: 0.600

             Span(in): 4.80                        Invert(ft): 83.000
             Rise(in): 6.60                  Control Elev(ft): 83.000

*** Weir 2 of 3 for Drop Structure CS-15 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
```

```
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 12.00                      Invert(ft): 83.550
              Rise(in): 999.00              Control Elev(ft): 83.550

*** Weir 3 of 3 for Drop Structure CS-15 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 60.00                      Invert(ft): 84.300
              Rise(in): 999.00              Control Elev(ft): 84.300


-------------------------------------------------------------------------------------------------
         Name: CS-16              From Node: SMF-16            Length(ft): 49.00
        Group: POST                 To Node: WET-08-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                             Flow: Both
     Rise(in): 36.00          36.00                   Entrance Loss Coef: 0.700
   Invert(ft): 80.000         77.950                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 2 for Drop Structure CS-16 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 5.50                       Invert(ft): 83.000
              Rise(in): 12.00               Control Elev(ft): 83.000

*** Weir 2 of 2 for Drop Structure CS-16 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 60.00                      Invert(ft): 84.000
              Rise(in): 999.00              Control Elev(ft): 84.000


-------------------------------------------------------------------------------------------------
         Name: CS-17              From Node: SMF-17            Length(ft): 46.00
        Group: POST                 To Node: OUT-04-PST             Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 36.00          36.00                             Flow: Both
     Rise(in): 36.00          36.00                   Entrance Loss Coef: 0.700
   Invert(ft): 79.000         77.500                      Exit Loss Coef: 1.000
  Manning's N: 0.012000       0.012000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 3 for Drop Structure CS-17 ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                  Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 3.40                       Invert(ft): 82.000
              Rise(in): 16.80               Control Elev(ft): 82.000
```

```
*** Weir 2 of 3 for Drop Structure CS-17 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 18.00                        Invert(ft): 83.400
              Rise(in): 8.40                   Control Elev(ft): 83.400

*** Weir 3 of 3 for Drop Structure CS-17 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 60.00                        Invert(ft): 84.100
              Rise(in): 999.00                 Control Elev(ft): 84.100


-------------------------------------------------------------------------------------------------
         Name: CS-20              From Node: SMF-20            Length(ft): 175.00
        Group: POST                 To Node: S-04E                 Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 15.00          15.00                                Flow: Both
     Rise(in): 15.00          15.00                   Entrance Loss Coef: 0.700
   Invert(ft): 81.250         78.500                      Exit Loss Coef: 0.000
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall



*** Weir 1 of 2 for Drop Structure CS-20 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 24.00                        Invert(ft): 86.500
              Rise(in): 6.00                   Control Elev(ft): 86.500

*** Weir 2 of 2 for Drop Structure CS-20 ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Horizontal                 Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
              Geometry: Rectangular            Orifice Disc Coef: 0.600

              Span(in): 24.00                        Invert(ft): 87.000
              Rise(in): 37.00                  Control Elev(ft): 87.000


-------------------------------------------------------------------------------------------------
         Name: CULV-04-PST        From Node: WET-04-PST        Length(ft): 219.00
        Group: POST                 To Node: OUT-03-PST            Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
     Geometry: Circular       Circular                Solution Algorithm: Most Restrictive
     Span(in): 30.00          30.00                                Flow: Both
     Rise(in): 30.00          30.00                   Entrance Loss Coef: 0.700
   Invert(ft): 78.250         78.000                      Exit Loss Coef: 1.000
  Manning's N: 0.013000       0.013000                  Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000          0.000                      Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000          0.000                        Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope



*** Weir 1 of 2 for Drop Structure CULV-04-PST ***
                                                                                TABLE
                 Count: 1                       Bottom Clip(in): 0.000
                  Type: Vertical: Mavis            Top Clip(in): 0.000
                  Flow: Both                     Weir Disc Coef: 3.200
```

```
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 24.00                      Invert(ft): 79.500
              Rise(in): 24.00                Control Elev(ft): 79.500

*** Weir 2 of 2 for Drop Structure CULV-04-PST ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Horizontal               Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 54.00                      Invert(ft): 81.500
              Rise(in): 36.00                Control Elev(ft): 81.500


-------------------------------------------------------------------------------------------------
        Name: CULV-07-PST         From Node: WET-07-PST         Length(ft): 104.00
       Group: POST                  To Node: OUT-04-PST              Count: 1

              UPSTREAM       DOWNSTREAM                Friction Equation: Automatic
    Geometry: Circular       Circular                 Solution Algorithm: Most Restrictive
    Span(in): 36.00          36.00                                Flow: Both
    Rise(in): 36.00          36.00                  Entrance Loss Coef: 0.000
   Invert(ft): 77.650        77.500                     Exit Loss Coef: 1.000
  Manning's N: 0.013000      0.013000                 Outlet Ctrl Spec: Use dc or tw
 Top Clip(in): 0.000         0.000                     Inlet Ctrl Spec: Use dc
 Bot Clip(in): 0.000         0.000                       Solution Incs: 10

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular CMP: Mitered to slope


*** Weir 1 of 2 for Drop Structure CULV-07-PST ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Vertical: Mavis          Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 24.00                      Invert(ft): 80.650
              Rise(in): 24.00                Control Elev(ft): 80.650

*** Weir 2 of 2 for Drop Structure CULV-07-PST ***
                                                                    TABLE
                 Count: 1                     Bottom Clip(in): 0.000
                  Type: Horizontal               Top Clip(in): 0.000
                  Flow: Both                   Weir Disc Coef: 3.200
              Geometry: Rectangular          Orifice Disc Coef: 0.600

              Span(in): 36.00                      Invert(ft): 82.650
              Rise(in): 54.00                Control Elev(ft): 82.650


=================================================================================================
==== Weirs ======================================================================================
=================================================================================================

         Name: WEIR-COMP-01        From Node: COMP-01
        Group: POST                  To Node: OUT-01-PST
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Trapezoidal

            Bottom Width(ft): 90.00
       Left Side Slope(h/v): 5.00
      Right Side Slope(h/v): 5.00
                Invert(ft): 80.000
      Control Elevation(ft): 80.000
     Struct Opening Dim(ft): 9999.00
                                       TABLE
           Bottom Clip(ft): 0.000
              Top Clip(ft): 0.000
        Weir Discharge Coef: 2.600
     Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: WEIR-COMP-02A       From Node: WET-08-PST
        Group: POST                  To Node: COMP-02
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Trapezoidal

            Bottom Width(ft): 40.00
       Left Side Slope(h/v): 4.00
```

```
       Right Side Slope(h/v): 4.00
                  Invert(ft): 80.000
       Control Elevation(ft): 80.000
      Struct Opening Dim(ft): 9999.00
                                          TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
          Weir Discharge Coef: 2.600
      Orifice Discharge Coef: 0.600



-------------------------------------------------------------------------------------------------
         Name: WEIR-COMP-02B       From Node: COMP-02
        Group: POST                  To Node: WET-07-PST
         Flow: Both                    Count: 1
         Type: Vertical: Fread      Geometry: Trapezoidal

            Bottom Width(ft): 56.00
        Left Side Slope(h/v): 4.00
       Right Side Slope(h/v): 4.00
                  Invert(ft): 80.000
       Control Elevation(ft): 80.000
      Struct Opening Dim(ft): 9999.00
                                          TABLE
             Bottom Clip(ft): 0.000
                Top Clip(ft): 0.000
          Weir Discharge Coef: 2.600
      Orifice Discharge Coef: 0.600



=================================================================================
==== Hydrology Simulations ======================================================
=================================================================================

         Name: FDOT002Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 2.40

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT002Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 2.76

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT002Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 3.24

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT002Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y008H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 3.77
```

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT002Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 4.87

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT002Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 5.36

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
72.000	60.00

Name: FDOT005Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y001H.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 2.90

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y002H.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 3.40

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y004H.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 4.00

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y008H.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8

Rainfall Amount(in): 4.72

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 6.05

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT005Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 6.63

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
72.000	60.00

Name: FDOT010Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y001H.R32

Override Defaults: Yes
Storm Duration(hrs): 1.00
Rainfall File: Fdot-1
Rainfall Amount(in): 3.20

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT010Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y002H.R32

Override Defaults: Yes
Storm Duration(hrs): 2.00
Rainfall File: Fdot-2
Rainfall Amount(in): 3.90

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT010Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y004H.R32

Override Defaults: Yes
Storm Duration(hrs): 4.00
Rainfall File: Fdot-4
Rainfall Amount(in): 4.60

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT010Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y008H.R32

Override Defaults: Yes

```
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 5.56

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT010Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 7.44

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT010Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 7.91

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 3.72

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 4.46

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 5.28

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y008H.R32
```

```
      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 6.32

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 8.40

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT025Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 10.00

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

-------------------------------------------------------------------------------------------------
         Name: FDOT050Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 4.05

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT050Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 4.96

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT050Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 5.96

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
```

```
         Name: FDOT050Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y008H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 8.00
          Rainfall File: Fdot-8
    Rainfall Amount(in): 9.84

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT050Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y024H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Fdot-24
    Rainfall Amount(in): 9.84

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT050Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y072H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 72.00
          Rainfall File: Fdot-72
    Rainfall Amount(in): 11.90

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
72.000          60.00

-------------------------------------------------------------------------------------------------
         Name: FDOT100Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y001H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 1.00
          Rainfall File: Fdot-1
    Rainfall Amount(in): 4.50

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT100Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y002H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 2.00
          Rainfall File: Fdot-2
    Rainfall Amount(in): 5.48

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00

-------------------------------------------------------------------------------------------------
         Name: FDOT100Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y004H.R32

      Override Defaults: Yes
    Storm Duration(hrs): 4.00
          Rainfall File: Fdot-4
    Rainfall Amount(in): 6.56

Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.00
17.000          5.00
30.000          15.00
```

Name: FDOT100Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y008H.R32

Override Defaults: Yes
Storm Duration(hrs): 8.00
Rainfall File: Fdot-8
Rainfall Amount(in): 7.80

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT100Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y024H.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 10.56

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00

Name: FDOT100Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y072H.R32

Override Defaults: Yes
Storm Duration(hrs): 72.00
Rainfall File: Fdot-72
Rainfall Amount(in): 14.00

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
72.000	60.00

Name: HYDRO-010
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-010.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 6.50

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
48.000	60.00

Name: HYDRO-025
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-025.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Flmod
Rainfall Amount(in): 8.40

Time(hrs)	Print Inc(min)
10.000	10.00
17.000	5.00
30.000	15.00
48.000	60.00

Name: HYDRO-025-96
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-025-96.R32

Override Defaults: Yes
Storm Duration(hrs): 96.00
Rainfall File: Flmod
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)

```
-------------- --------------
10.000         10.00
17.000         5.00
30.000         15.00
96.000         60.00

-----------------------------------------------------------------------------------------------
         Name: HYDRO-100
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-100.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 11.40

Time(hrs)      Print Inc(min)
-------------- --------------
10.000         10.00
17.000         5.00
30.000         15.00
48.000         60.00

-----------------------------------------------------------------------------------------------
         Name: HYDRO-MEAN
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRO-MEAN.R32

      Override Defaults: Yes
    Storm Duration(hrs): 24.00
          Rainfall File: Flmod
    Rainfall Amount(in): 4.20

Time(hrs)      Print Inc(min)
-------------- --------------
10.000         10.00
17.000         5.00
30.000         15.00
48.000         60.00

===============================================================================================
==== Routing Simulations ======================================================================
===============================================================================================

         Name: FDOT002Y001H        Hydrology Sim: FDOT002Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y001H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:



Time(hrs)      Print Inc(min)
-------------- --------------
10.000         10.000
17.000         5.000
30.000         15.000

Group          Run
-------------- -----
POST           Yes
PRE            Yes


-----------------------------------------------------------------------------------------------
         Name: FDOT002Y002H        Hydrology Sim: FDOT002Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y002H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:



Time(hrs)      Print Inc(min)
-------------- --------------
10.000         10.000
17.000         5.000
30.000         15.000
```

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y004H Hydrology Sim: FDOT002Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y008H Hydrology Sim: FDOT002Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y008H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y024H Hydrology Sim: FDOT002Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y024H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT002Y072H Hydrology Sim: FDOT002Y072H

Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT002Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y001H Hydrology Sim: FDOT005Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y002H Hydrology Sim: FDOT005Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT005Y004H Hydrology Sim: FDOT005Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000

```
        Start Time(hrs): 0.000                   End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT005Y008H        Hydrology Sim: FDOT005Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y008H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                   End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT005Y024H        Hydrology Sim: FDOT005Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y024H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                   End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT005Y072H        Hydrology Sim: FDOT005Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT005Y072H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                   End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
```

10.000 10.000
17.000 5.000
30.000 15.000
72.000 60.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT010Y001H Hydrology Sim: FDOT010Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT010Y002H Hydrology Sim: FDOT010Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT010Y004H Hydrology Sim: FDOT010Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes

PRE Yes

Name: FDOT010Y008H Hydrology Sim: FDOT010Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y008H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT010Y024H Hydrology Sim: FDOT010Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y024H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT010Y072H Hydrology Sim: FDOT010Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT010Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT025Y001H Hydrology Sim: FDOT025Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y001H.I32

```
     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT025Y002H        Hydrology Sim: FDOT025Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y002H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT025Y004H        Hydrology Sim: FDOT025Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y004H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:



Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT025Y008H        Hydrology Sim: FDOT025Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y008H.I32

     Execute: No          Restart: No           Patch: No
 Alternative: No

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
   Time Step Optimizer: 10.000
       Start Time(hrs): 0.000                    End Time(hrs): 30.00
    Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
       Boundary Stages:                         Boundary Flows:
```

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT025Y024H Hydrology Sim: FDOT025Y024H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y024H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT025Y072H Hydrology Sim: FDOT025Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT025Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT050Y001H Hydrology Sim: FDOT050Y001H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y001H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000

30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT050Y002H Hydrology Sim: FDOT050Y002H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y002H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT050Y004H Hydrology Sim: FDOT050Y004H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y004H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

Name: FDOT050Y008H Hydrology Sim: FDOT050Y008H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y008H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs) Print Inc(min)
--- ---
10.000 10.000
17.000 5.000
30.000 15.000

Group Run
--- ---
POST Yes
PRE Yes

```
--------------------------------------------------------------------------------------------------
         Name: FDOT050Y024H        Hydrology Sim: FDOT050Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y024H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


--------------------------------------------------------------------------------------------------
         Name: FDOT050Y072H        Hydrology Sim: FDOT050Y072H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT050Y072H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 72.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000
72.000          60.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


--------------------------------------------------------------------------------------------------
         Name: FDOT100Y001H        Hydrology Sim: FDOT100Y001H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y001H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


--------------------------------------------------------------------------------------------------
         Name: FDOT100Y002H        Hydrology Sim: FDOT100Y002H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y002H.I32

      Execute: No          Restart: No           Patch: No
  Alternative: No
```

```
        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT100Y004H        Hydrology Sim: FDOT100Y004H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y004H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT100Y008H        Hydrology Sim: FDOT100Y008H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y008H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
10.000          10.000
17.000          5.000
30.000          15.000

Group           Run
--------------- -----
POST            Yes
PRE             Yes


-------------------------------------------------------------------------------------------------
         Name: FDOT100Y024H        Hydrology Sim: FDOT100Y024H
     Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y024H.I32

      Execute: No          Restart: No            Patch: No
  Alternative: No

        Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                    End Time(hrs): 30.00
     Min Calc Time(sec): 0.5000               Max Calc Time(sec): 60.0000
        Boundary Stages:                         Boundary Flows:
```

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000

Group	Run
POST	Yes
PRE	Yes

Name: FDOT100Y072H Hydrology Sim: FDOT100Y072H
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\FDOT100Y072H.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 72.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
72.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: HYDRA-000 Hydrology Sim:
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-000.I32

Execute: No Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 30.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
24.000	60.000
30.000	10.000
48.000	60.000

Group	Run
POST	Yes

Name: HYDRA-010 Hydrology Sim: HYDRO-010
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-010.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-010 Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run

POST	Yes

Name: HYDRA-025 Hydrology Sim: HYDRO-025
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-025.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-025 Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: HYDRA-025-96 Hydrology Sim: HYDRO-025-96
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-025-96.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 96.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-025 Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
96.000	60.000

Group	Run
POST	Yes
PRE	Yes

Name: HYDRA-100 Hydrology Sim: HYDRO-100
Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-100.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-100 Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run
POST	Yes

Name: HYDRA-MEAN Hydrology Sim: HYDRO-MEAN

Filename: P:\Projects\CWI\24\24-01-0079 Hillside Groves Ph 2-4\Design\Calcs\Drainage\ICPR\HYDRA-MEAN.I32

Execute: Yes Restart: No Patch: No
Alternative: No

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 48.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: BND-MEAN Boundary Flows:

Time(hrs)	Print Inc(min)
10.000	10.000
17.000	5.000
30.000	15.000
48.000	60.000

Group	Run
POST	Yes
PRE	Yes

Boundary Conditions

Name: BND-100 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	83.600
96.000	79.500

Name: BND-010 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	81.600
96.000	79.500

Name: BND-025 Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	82.600
96.000	79.500

Name: BND-100 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	83.600
96.000	78.500

Name: BND-010 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	81.600
96.000	78.500

Name: BND-025 Node: OUT-01-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	82.600
96.000	79.500

Name: BND-025 Node: OUT-02-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500

13.000	82.600
96.000	78.500

Name: BND-025 Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	82.600
96.000	78.500

Name: BND-MEAN Node: OUT-01-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	80.600
96.000	79.500

Name: BND-MEAN Node: OUT-01-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	79.500
13.000	80.600
96.000	79.500

Name: BND-MEAN Node: OUT-02-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
96.000	78.500

Name: BND-MEAN Node: OUT-02-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
96.000	78.500

Name: BND-100 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	81.200
48.000	76.500

Name: BND-100 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	81.200
48.000	78.500

Name: BND-025 Node: OUT-03-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	80.200
48.000	76.500
96.000	76.500

Name: BND-025 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	80.200
48.000	76.500
96.000	76.500

Name: BND-025 Node: OUT-04-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
48.000	78.500
96.000	78.500

Name: BND-025 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.600
48.000	78.500
96.000	78.500

Name: BND-010 Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	79.200
48.000	76.500

Name: BND-010 Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	80.000
48.000	78.500

Name: BND-MEAN Node: OUT-03-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	78.200
48.000	76.500

Name: BND-MEAN Node: OUT-03-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	76.500
13.000	78.200
48.000	76.500

Name: BND-MEAN Node: OUT-04-PRE Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	79.400
48.000	78.500

Name: BND-MEAN Node: OUT-04-PST Type: Stage

Time(hrs)	Stage(ft)
0.000	78.500
13.000	79.400
48.000	78.500

Hillside Grove

STORM SEWER TABULATION SHEET

Connelly & Wicker Inc.

Project No.: 21-04-0008 County: Lake County **DESIGN : 10 Year (24 Hr) Storm** Designed By: Justin Williams, P.E.

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES							Runoff		Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-12	STD.											79.92												WET-04-PST
	MES		2.44	0.40	0.98	15.87					-	79.10			30	30	RCP							10 Yr D.H.W.
												76.60												EL. = 79.92
S-13	MOD		0.00	0.40	0.00							79.95	79.92	0.01					0.02%	1.18	5.78			
To	J-2	34	2.44	0.40	0.98	15.39	0.48	5.87	0.98	0.00	84.50	80.60	79.10		30	30	RCP	0.013				1.0	0.02	
S-12	INLET		2.44	0.40	0.98							78.10	76.60	1.50					4.41%	17.55	86.15			
S-14	STD.		2.44	0.40	0.98							82.44	81.50	0.01					0.02%	1.19	5.84			SMF-05
To	MES	28	0.00	0.00	0.00	15.00	0.39	5.93	0.98	5.79	-	80.00	81.50		30	30	RCP	0.013				1.0	0.02	NWL
S-13			2.44	0.40	0.98							77.50	79.00	-1.50					-5.36%	-19.34	-94.94			EL. = 81.50
S-15	STD.											82.44												SMF-05
	MES		2.05	0.40	0.82	16.20					-	80.50			18	18	RCP							10 Yr D.H.W.
												79.00												EL. = 82.44
S-16	TYPE		0.25	0.40	0.10							82.44	82.44	0.20					0.21%	2.73	4.82			
To	C	93	1.80	0.40	0.72	15.63	0.57	5.84	0.82	0.59	85.60	81.50	80.50		18	18	RCP	0.013				0.6	0.07	
S-15	INLET		2.05	0.40	0.82							80.00	79.00	1.00					1.08%	6.16	10.89			
S-17	STD.		1.80	0.40	0.72							82.45	82.44	0.15					0.17%	2.44	4.31			SMF-06
To	MES	92	0.00	0.00	0.00	15.00	0.63	5.93	0.72	4.27	-	80.50	81.50		18	18	RCP	0.013				1.0	0.09	NWL
S-16			1.80	0.40	0.72							79.00	80.00	-1.00					-1.09%	-6.20	-10.95			EL. = 81.50
S-18	STD.											82.44												SMF-05
	MES		4.70	0.63	2.98	19.30					-	80.50			30	30	HP							10 Yr D.H.W.
												78.00												EL. = 82.44
S-19	SINGLE		0.24	0.40	0.10							82.44	82.44	0.20					0.14%	3.33	16.33			
To	CURB	147	4.46	0.65	2.89	18.57	0.74	5.43	2.98	0.57	88.26	80.95	80.50		30	30	HP	0.012				0.8	0.14	
S-18	INLET		4.70	0.63	2.98							78.45	78.00	0.45					0.31%	5.01	24.59			
S-20	SINGLE		0.07	0.40	0.03							82.45	82.44	0.23					0.11%	3.04	14.90			
To	CURB	203	3.80	0.69	2.62	17.45	1.11	5.57	2.65	0.17	89.15	81.15	80.95		30	30	HP	0.012				0.8	0.11	
S-19	INLET		3.87	0.69	2.65							78.65	78.45	0.20					0.10%	2.84	13.95			
S-21	SINGLE		0.69	0.40	0.28							82.45	82.45	0.32					0.12%	3.11	15.29			
To	CURB	269	3.11	0.75	2.35	16.01	1.44	5.78	2.62	1.64	87.38	81.40	81.15		30	30	HP	0.012				0.6	0.09	
S-20	INLET		3.80	0.69	2.62							78.90	78.65	0.25					0.09%	2.76	13.55			
S-22	SINGLE		0.67	0.40	0.27							82.46	82.45	0.09					0.25%	3.92	12.33			
To	CURB	37	1.84	1.00	1.84	15.86	0.16	5.80	2.11	1.59	87.47	81.50	81.40		24	24	HP	0.012				0.6	0.14	
S-21	INLET		2.51	0.84	2.11							79.50	79.40	0.10					0.27%	4.06	12.74			
S-23	STD.		1.84	1.00	1.84							82.50	82.46	0.36					0.20%	3.50	11.01			SMF-07
To	MES	180	0.00	0.00	0.00	15.00	0.86	5.93	1.84	10.92	-	80.50	81.50		24	24	HP	0.012				1.0	0.19	NWL
S-22			1.84	1.00	1.84							78.50	79.50	-1.00					-0.56%	-5.81	-18.27			EL. = 81.50

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-32	STD.											84.37												SMF-09
	MES		4.36	0.65	2.85	17.35					-	81.50			30	30	HP							10 Yr D.H.W.
												79.00												EL. = 84.37
S-33	TYPE		0.21	0.40	0.08							84.37	84.37	0.10					0.13%	3.30	16.20			
To	C	79	4.15	0.67	2.76	16.96	0.40	5.64	2.85	0.50	85.60	83.00	81.50		30	30	HP	0.012				0.8	0.14	
S-32	INLET		4.36	0.65	2.85							80.50	79.00	1.50					1.90%	12.47	61.23			
S-34	STD.		1.63	1.00	1.63							84.37	84.37	0.05					0.05%	1.99	9.75			SMF-10
To	MES	104	0.00	0.00	0.00	15.00	0.87	5.93	1.63	9.67	-	81.50	83.00		30	30	HP	0.012				1.0	0.06	NWL
S-33			1.63	1.00	1.63							79.00	80.50	-1.50					-1.44%	-10.87	-53.36			EL. = 83.00
S-43	STD.											81.49												WET-02-PST
	MES		1.37	1.00	1.37	15.14					-	79.25			15	15	HP							10 Yr D.H.W.
												78.00												EL. = 81.49
S-44	MOD		0.00	1.00	0.00							82.65	81.49	0.46					1.37%	6.67	8.18			
To	E	34	1.37	1.00	1.37	15.06	0.08	5.92	1.37	0.00	86.00	80.75	79.25		15	15	HP	0.012				1.0	0.69	
S-43	INLET		1.37	1.00	1.37							79.50	78.00	1.50					4.41%	11.98	14.70			
S-45	STD.		1.37	1.00	1.37							84.37	84.00	0.32					1.37%	6.68	8.20			SMF-12
To	MES	23	0.00	0.00	0.00	15.00	0.06	5.93	1.37	8.13	-	82.50	84.00		15	15	HP	0.012				1.0	0.69	NWL
S-44			1.37	1.00	1.37							81.25	82.75	-1.50					-6.52%	-14.56	-17.87			EL. = 84.00
S-46	STD.											79.92												WET-04-PST
	MES		0.00	0.00	0.00	15.00					-	78.50			24	24	RCP							10 Yr D.H.W.
												76.50												EL. = 79.92
S-47	TYPE		0.00	0.38	0.00							79.92	79.92	0.00					0.00%	0.00	0.00			
To	E	41	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	86.20	79.15	78.50		24	24	RCP	0.013				0.6	0.00	
S-46	INLET		0.00	0.00	0.00							77.15	76.50	0.65					1.59%	9.07	28.48			
S-48	TYPE		0.00	0.20	0.00							81.30	81.30	0.00					0.00%	0.00	0.00			
To	E	193	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	88.50	81.55	81.30		24	24	HP	0.012				0.5	0.00	
S-47	INLET		0.00	0.00	0.00							79.55	79.30	0.25					0.13%	2.81	8.82			
S-49	MOD		0.00	0.20	0.00							81.55	81.55	0.00					0.00%	0.00	0.00			
To	E	378	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	92.20	82.00	81.55		24	24	HP	0.012				1.0	0.00	
S-48	INLET		0.00	0.00	0.00							80.00	79.55	0.45					0.12%	2.69	8.46			
S-50	STD.		0.00	1.00	0.00							82.19	82.00	0.00					0.00%	0.00	0.00			SMF-13
To	MES	101	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	-	80.50	82.00		24	24	HP	0.012				1.0	0.00	NWL
S-49			0.00	0.00	0.00							78.50	80.00	-1.50					-1.49%	-9.51	-29.87			EL. = 81.50

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-51	STD.											79.92												WET-04-PST
	MES		2.51	1.00	2.51	15.85					-	79.10			30	30	RCP							10 Yr D.H.W.
												76.60												EL. = 79.92
S-52	MOD		0.00	1.00	0.00							80.10	79.92	0.04					0.13%	3.01	14.75			
To	E	32	2.51	1.00	2.51	15.67	0.18	5.83	2.51	0.00	84.50	79.45	79.10		30	30	RCP	0.013				1.0	0.14	
S-51	INLET		2.51	1.00	2.51							76.95	76.60	0.35					1.09%	8.74	42.90			
S-53	STD.		2.51	1.00	2.51							83.28	81.50	0.16					0.13%	3.06	15.02			SMF-14
To	MES	123	0.00	0.00	0.00	15.00	0.67	5.93	2.51	14.89	-	80.00	81.50		30	30	RCP	0.013				1.0	0.15	NWL
S-52			2.51	1.00	2.51							77.50	79.00	-1.50					-1.22%	-9.23	-45.30			EL. = 81.50
S-54	STD.											80.00												OUT-04-PST
	MES		4.21	0.40	1.68	16.37					-	80.50			36	36	RCP							10 Yr D.H.W.
												77.50												EL. = 80.00
S-55	MOD		0.00	1.00	0.00							80.55	80.50	0.02					0.02%	1.41	9.99			
To	J-2	89	4.21	0.40	1.68	15.32	1.05	5.88	1.68	0.00	86.00	81.35	80.50		36	36	RCP	0.012				1.0	0.03	
S-54	INLET		4.21	0.40	1.68							78.35	77.50	0.85					0.96%	9.99	70.61			
S-56	STD.		4.21	0.40	1.68							83.84	83.00	0.01					0.02%	1.43	10.08			SMF-15
To	MES	27	0.00	0.00	0.00	15.00	0.32	5.93	1.68	9.99	-	81.50	83.00		36	36	RCP	0.012				1.0	0.03	NWL
S-55			4.21	0.40	1.68							78.50	80.00	-1.50					-5.56%	-24.09	-170.31			EL. = 83.00
S-57	STD.											79.99												WET-08-PST
	MES		5.80	0.40	2.32	15.42					-	80.75			36	36	HP							10 Yr D.H.W.
												77.75												EL. = 79.99
S-58	MOD		0.00	1.00	0.00							80.82	80.75	0.01					0.04%	1.95	13.79			
To	J-2	21	5.80	0.40	2.32	15.24	0.18	5.90	2.32	0.00	86.30	80.95	80.75		36	36	HP	0.012				1.0	0.06	
S-57	INLET		5.80	0.40	2.32							77.95	77.75	0.20					0.95%	9.98	70.52			
S-59	STD.		5.80	0.40	2.32							84.33	83.00	0.01					0.04%	1.96	13.88			SMF-16
To	MES	28	0.00	0.00	0.00	15.00	0.24	5.93	2.32	13.77	-	81.50	83.00		36	36	HP	0.012				1.0	0.06	NWL
S-58			5.80	0.40	2.32							78.50	80.00	-1.50					-5.36%	-23.66	-167.24			EL. = 83.00
S-60	STD.											80.00												OUT-04-PST
	MES		0.59	1.00	0.59	16.55					-	80.50			36	36	HP							10 Yr D.H.W.
												77.50												EL. = 80.00
S-61	MOD		0.00	1.00	0.00							80.50	80.50	0.00					0.00%	0.49	3.44			
To	J-2	18	0.59	1.00	0.59	15.93	0.62	5.79	0.59	0.00	85.50	80.65	80.50		36	36	HP	0.012				1.0	0.00	
S-60	INLET		0.59	1.00	0.59							77.65	77.50	0.15					0.83%	9.33	65.96			
S-62	STD.		0.59	1.00	0.59							83.64	82.00	0.00					0.00%	0.50	3.53			SMF-17
To	MES	28	0.00	0.00	0.00	15.00	0.93	5.93	0.59	3.50	-	81.00	82.00		36	36	HP	0.012				1.0	0.00	NWL
S-61			0.59	1.00	0.59							78.00	79.00	-1.00					-3.57%	-19.32	-136.55			EL. = 82.00

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES							Runoff		Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-63	STD.											83.64												SMF-17
	MES		3.99	0.56	2.23	21.36					-	81.00			30	30	HP							10 Yr D.H.W.
												78.50												EL. = 83.64
S-64	SINGLE		0.84	0.40	0.34							83.65	83.64	0.11					0.07%	2.39	11.74			
To	CURB	151	3.15	0.60	1.90	20.31	1.05	5.22	2.23	1.99	86.76	81.15	81.00		30	30	HP	0.012				0.8	0.07	
S-63	INLET		3.99	0.56	2.23							78.65	78.50	0.15					0.10%	2.85	14.01			
S-65	TYPE		0.00	0.40	0.00							83.70	83.65	0.03					0.03%	1.68	8.25			
To	J	82	2.26	0.68	1.54	19.49	0.81	5.31	1.54	0.00	87.30	81.60	81.15		30	30	HP	0.012				0.6	0.03	
S-64	MH		2.26	0.68	1.54							79.10	78.65	0.45					0.55%	6.71	32.92			
S-66	TYPE		0.00	0.40	0.00							83.78	83.70	0.05					0.04%	1.73	8.49			
To	J	130	2.26	0.68	1.54	18.24	1.25	5.47	1.54	0.00	87.85	81.80	81.60		30	30	HP	0.012				0.6	0.03	
S-65	MH		2.26	0.68	1.54							79.30	79.10	0.20					0.15%	3.55	17.43			
S-67	SINGLE		0.58	0.40	0.23							83.66	83.78	0.04					0.04%	1.77	8.70			
To	CURB	107	1.68	0.78	1.31	17.24	1.01	5.60	1.54	1.38	87.01	81.90	81.80		30	30	HP	0.012				0.7	0.03	
S-66	INLET		2.26	0.68	1.54							79.40	79.30	0.10					0.09%	2.77	13.58			
S-68	SINGLE		0.24	0.40	0.10							83.66	83.66	0.01					0.02%	1.35	6.61			
To	CURB	41	1.06	1.00	1.06	16.73	0.51	5.67	1.16	0.57	87.02	82.00	81.90		30	30	HP	0.012				0.6	0.02	
S-67	INLET		1.30	0.89	1.16							79.50	79.40	0.10					0.24%	4.47	21.94			
S-69	STD.		1.06	1.00	1.06							83.66	83.66	0.03					0.02%	1.29	6.34			SMF-19
To	MES	134	0.00	0.00	0.00	15.00	1.73	5.93	1.06	6.29	-	81.00	81.90		30	30	HP	0.012				1.0	0.03	NWL
S-68			1.06	1.00	1.06							78.50	79.40	-0.90					-0.67%	-7.42	-36.42			EL. = 82.00
S-77	STD.											81.49												WET-01-PST
	MES		0.00	0.00	0.00	15.00					-	81.40			24	24	RCP							10 Yr D.H.W.
												79.40												EL. = 81.49
S-78	STD.		0.00	1.00	0.00							81.49	81.49	0.00					0.00%	0.00	0.00			WET-02-PST
To	MES	123	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	-	80.50	81.40		24	24	RCP	0.013				1.0	0.00	
S-77			0.00	0.00	0.00							78.50	79.40	-0.90					-0.73%	-6.16	-19.35			
S-79	STD.											79.20												OUT-03-PST
	MES		0.00	0.00	0.00	15.00					-	80.50			30	30	RCP							10 Yr D.H.W.
												78.00												EL. = 79.20
S-80	TYPE		0.00	0.40	0.00							80.50	80.50	0.00					0.00%	0.00	0.00			
To	J	67	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	86.95	80.60	80.50		30	30	RCP	0.013				1.0	0.00	
S-79	MH		0.00	0.00	0.00							78.10	78.00	0.10					0.15%	3.23	15.85			
S-81	MOD		0.00	1.00	0.00							79.92	80.60	0.00					0.00%	0.00	0.00			WET-04-PST
To	E	152	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	81.50	80.75	80.60		30	30	RCP	0.013				1.0	0.00	
S-80	INLET		0.00	0.00	0.00							78.25	78.10	0.15					0.10%	2.62	12.89			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-84	STD.											80.00												OUT-04-PST
	MES		0.00	0.00	0.00	15.00					-	80.50			36	36	RCP							10 Yr D.H.W.
												77.50												EL. = 80.00
S-85	MOD.		0.00	1.00	0.00							78.84	80.50	0.00					0.00%	0.00	0.00			WET-07-PST
To	E	104	0.00	0.00	0.00	15.00	0.00	5.93	0.00	0.00	82.65	80.65	80.50		36	36	RCP	0.012				1.0	0.00	
S-84	INLET		0.00	0.00	0.00							77.65	77.50	0.15					0.14%	3.88	27.44			
S-501	SINGLE		0.59	0.40	0.24							82.93	82.90	0.01					0.04%	1.15	1.41			
To	CURB	28	0.00	0.00	0.00	15.00	0.41	5.93	0.24	1.40	88.26	83.00	82.90		15	15	HP	0.012				1.0	0.02	
S-19	INLET		0.59	0.40	0.24							81.75	81.65	0.10					0.36%	3.41	4.18			
S-502	SINGLE		0.60	0.40	0.24							82.49	82.45	0.02					0.04%	1.17	1.44			
To	CURB	42	0.00	0.00	0.00	15.00	0.60	5.93	0.24	1.42	87.44	82.55	82.45		15	15	HP	0.012				1.0	0.02	
S-21	INLET		0.60	0.40	0.24							81.30	81.20	0.10					0.24%	2.78	3.41			
S-600	STD.											82.45												SMF-06
	MES		1.39	0.40	0.56	21.37					-	79.85			18	18	HP							10 Yr D.H.W.
												78.35												EL. = 82.45
S-601	SINGLE		0.34	0.40	0.14							82.60	82.45	0.11					0.07%	1.68	2.96			
To	CURB	169	1.05	0.40	0.42	19.69	1.68	5.29	0.56	0.81	86.96	80.15	79.85		18	18	HP	0.012				0.8	0.03	
S-600	INLET		1.39	0.40	0.56							78.65	78.35	0.30					0.18%	2.71	4.79			
S-602	SINGLE		0.22	0.40	0.09							82.60	82.60	0.00					0.01%	0.43	0.53			
To	CURB	28	0.00	0.00	0.00	15.00	1.09	5.93	0.09	0.52	86.96	82.35	82.25		15	15	HP	0.012				1.0	0.00	
S-601	INLET		0.22	0.40	0.09							81.10	81.00	0.10					0.36%	3.41	4.18			
S-603	SINGLE		0.41	0.40	0.16							82.70	82.60	0.08					0.03%	1.11	1.96			
To	CURB	274	0.42	0.40	0.17	15.57	4.12	5.84	0.33	0.97	85.96	80.65	80.15		18	18	HP	0.012				0.8	0.02	
S-601	INLET		0.83	0.40	0.33							79.15	78.65	0.50					0.18%	2.75	4.86			
S-604	SINGLE		0.42	0.40	0.17							82.71	82.70	0.01					0.02%	0.82	1.01			
To	CURB	28	0.00	0.00	0.00	15.00	0.57	5.93	0.17	1.00	85.96	80.75	80.65		15	15	HP	0.012				1.0	0.01	
S-603	INLET		0.42	0.40	0.17							79.50	79.40	0.10					0.36%	3.41	4.18			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-700	STD.											82.50												SMF-07
	MES		3.09	0.40	1.24	18.27					-	80.00			18	18	HP							10 Yr D.H.W.
												78.50												EL. = 82.50
S-701	TYPE		0.00	0.40	0.00							82.77	82.50	0.13					0.36%	3.87	6.83			
To	J	35	3.09	0.40	1.24	18.12	0.15	5.48	1.24	0.00	84.70	80.15	80.00		18	18	HP	0.012				0.6	0.14	
S-700	MH		3.09	0.40	1.24							78.65	78.50	0.15					0.43%	4.22	7.45			
S-702	SINGLE		0.14	0.40	0.06							83.44	82.77	0.55					0.37%	3.93	6.94			
To	CURB	149	2.95	0.40	1.18	17.49	0.63	5.57	1.24	0.33	88.06	80.50	80.25		18	18	HP	0.012				0.5	0.12	
S-701	INLET		3.09	0.40	1.24							79.00	78.75	0.25					0.17%	2.64	4.66			
S-703	SINGLE		0.26	0.40	0.10							83.71	83.44	0.10					0.34%	3.76	6.64			
To	CURB	28	2.69	0.40	1.08	17.37	0.12	5.58	1.18	0.62	88.06	80.55	80.50		18	18	HP	0.012				0.8	0.18	
S-702	INLET		2.95	0.40	1.18							79.05	79.00	0.05					0.18%	2.72	4.81			
S-704	SINGLE		1.43	0.40	0.57							84.75	83.71	0.88					0.30%	3.55	6.27			
To	CURB	290	1.26	0.40	0.50	16.00	1.36	5.78	1.08	3.39	86.07	81.10	80.55		18	18	HP	0.012				0.8	0.16	
S-703	INLET		2.69	0.40	1.08							79.60	79.05	0.55					0.19%	2.80	4.96			
S-705	SINGLE		0.40	0.40	0.16							84.76	84.75	0.01					0.02%	0.78	0.96			
To	CURB	47	0.00	0.00	0.00	15.00	1.00	5.93	0.16	0.95	86.26	83.75	83.65		15	15	HP	0.012				1.0	0.01	
S-704	INLET		0.40	0.40	0.16							82.50	82.40	0.10					0.21%	2.63	3.23			
S-706	SINGLE		0.86	0.40	0.34							84.83	84.75	0.04					0.09%	1.68	2.06			
To	CURB	49	0.00	0.00	0.00	15.00	0.49	5.93	0.34	2.04	86.00	83.50	83.40		15	15	HP	0.012				1.0	0.04	
S-704	INLET		0.86	0.40	0.34							82.25	82.15	0.10					0.20%	2.58	3.16			
S-901	SINGLE		0.92	0.45	0.41							84.89	84.37	0.42					0.33%	3.70	6.54			
To	CURB	126	1.60	0.45	0.72	16.39	0.57	5.72	1.13	2.46	86.06	83.35	83.10		18	18	HP	0.012				0.5	0.11	
S-33	INLET		2.52	0.45	1.13							81.85	81.60	0.25					0.20%	2.87	5.07			
S-902	SINGLE		0.86	0.45	0.39							84.97	84.89	0.04					0.13%	2.36	4.17			
To	CURB	28	0.74	0.45	0.33	16.19	0.20	5.75	0.72	2.30	86.06	83.45	83.35		18	18	HP	0.012				0.5	0.04	
S-901	INLET		1.60	0.45	0.72							81.95	81.85	0.10					0.36%	3.85	6.80			
S-903	15"		0.74	0.45	0.33							85.11	84.97	0.09					0.08%	1.62	1.99			
To	YARD	116	0.00	0.00	0.00	15.00	1.19	5.93	0.33	1.98	85.90	83.90	83.45		15	15	HP	0.012				1.0	0.04	
S-902	DRAIN		0.74	0.45	0.33							82.65	82.20	0.45					0.39%	3.55	4.36			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-1000	STD.											84.37												SMF-10
	MES		1.50	0.45	0.68	16.10					-	81.15			15	15	HP							10 Yr D.H.W.
												79.90												EL. = 84.37
S-1001	TYPE		0.00	0.45	0.00							84.56	84.37	0.09					0.32%	3.21	3.94			
To	J	29	1.50	0.45	0.68	15.94	0.15	5.79	0.68	0.00	86.20	81.25	81.15		15	15	HP	0.012				0.6	0.10	
S-1000	MH		1.50	0.45	0.68							80.00	79.90	0.10					0.34%	3.35	4.11			
S-1002	TYPE		0.00	0.45	0.00							84.80	84.56	0.16					0.32%	3.23	3.97			
To	J	50	1.50	0.45	0.68	15.69	0.26	5.83	0.68	0.00	86.80	81.35	81.25		15	15	HP	0.012				0.5	0.08	
S-1001	MH		1.50	0.45	0.68							80.10	80.00	0.10					0.20%	2.55	3.13			
S-1003	SINGLE		0.68	0.45	0.31							85.15	84.80	0.27					0.33%	3.27	4.01			
To	CURB	82	0.82	0.45	0.37	15.27	0.42	5.89	0.68	1.82	86.41	81.55	81.35		15	15	HP	0.012				0.5	0.08	
S-1002	INLET		1.50	0.45	0.68							80.30	80.10	0.20					0.24%	2.82	3.46			
S-1004	SINGLE		0.82	0.45	0.37							85.24	85.15	0.03					0.12%	1.80	2.21			
To	CURB	29	0.00	0.00	0.00	15.00	0.27	5.93	0.37	2.19	86.41	81.65	81.55		15	15	RCP	0.013				1.0	0.05	
S-1003	INLET		0.82	0.45	0.37							80.40	80.30	0.10					0.34%	3.09	3.79			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-1100	STD.											84.61												SMF-11
	MES		6.67	0.39	2.61	23.59					-	80.20			30	30	HP							10 Yr D.H.W.
												77.70												EL. = 84.61
S-1101	TYPE		0.00	0.45	0.00							84.71	84.61	0.03					0.08%	2.63	12.89			
To	J	37	6.67	0.39	2.61	23.36	0.23	4.90	2.61	0.00	86.60	80.25	80.20		30	30	HP	0.012				0.6	0.06	
S-1100	MH		6.67	0.39	2.61							77.75	77.70	0.05					0.14%	3.33	16.33			
S-1102	SINGLE		0.22	0.45	0.10							84.88	84.71	0.09					0.09%	2.66	13.06			
To	CURB	106	6.45	0.39	2.51	22.69	0.66	4.96	2.61	0.59	86.32	80.35	80.25		30	30	HP	0.012				0.8	0.09	
S-1101	INLET		6.67	0.39	2.61							77.85	77.75	0.10					0.09%	2.78	13.65			
S-1103	SINGLE		0.78	0.45	0.35							85.13	84.88	0.15					0.08%	2.62	12.86			
To	CURB	177	5.67	0.38	2.16	21.57	1.13	5.08	2.51	2.08	85.96	80.55	80.35		30	30	HP	0.012				0.9	0.10	
S-1102	INLET		6.45	0.39	2.51							78.05	77.85	0.20					0.11%	3.04	14.94			
S-1104	SINGLE		1.11	0.45	0.50							85.43	85.13	0.14					0.51%	4.07	4.99			
To	CURB	28	1.16	0.31	0.36	16.10	0.11	5.76	0.86	2.96	85.96	79.40	79.30		15	15	HP	0.012				0.6	0.15	
S-1103	INLET		2.27	0.38	0.86							78.15	78.05	0.10					0.36%	3.41	4.18			
S-1105	18"		1.16	0.31	0.36							85.58	85.43	0.11					0.09%	1.75	2.15			
To	YARD	116	0.00	0.00	0.00	15.00	1.10	5.93	0.36	2.13	85.20	83.70	81.15		15	15	HP	0.012				1.0	0.05	
S-1104	DRAIN		1.16	0.31	0.36							82.45	79.90	2.55					2.20%	8.45	10.38			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1106	TYPE		0.00	0.45	0.00							85.31	85.13	0.13					0.08%	2.18	6.86			
To	J	172	3.40	0.38	1.30	20.25	1.31	5.22	1.30	0.00	86.70	80.50	80.25		24	24	HP	0.012				0.6	0.04	
S-1103	MH		3.40	0.38	1.30							78.50	78.25	0.25					0.15%	2.97	9.34			
S-1107	SINGLE		0.07	0.45	0.03							85.51	85.31	0.14					0.08%	2.24	7.05			
To	CURB	168	3.33	0.38	1.27	19.00	1.25	5.37	1.30	0.19	87.14	80.75	80.50		24	24	HP	0.012				0.8	0.06	
S-1106	INLET		3.40	0.38	1.30							78.75	78.50	0.25					0.15%	3.01	9.45			
S-1108	SINGLE		0.18	0.45	0.08							85.57	85.51	0.03					0.09%	1.94	3.44			
To	CURB	29	1.63	0.31	0.51	15.78	0.25	5.81	0.59	0.48	87.15	80.75	80.65		18	18	HP	0.012				0.6	0.04	
S-1107	INLET		1.81	0.32	0.59							79.25	79.15	0.10					0.34%	3.78	6.68			
S-1109	18"		1.63	0.31	0.51							85.88	85.57	0.22					0.19%	2.46	3.02			
To	YARD	116	0.00	0.00	0.00	15.00	0.78	5.93	0.51	3.00	86.90	85.40	82.25		15	15	HP	0.012				1.0	0.09	
S-1108	DRAIN		1.63	0.31	0.51							84.15	81.00	3.15					2.72%	9.40	11.53			
S-1110	SINGLE		0.65	0.45	0.29							85.60	85.51	0.08					0.03%	1.29	4.06			
To	CURB	289	0.87	0.45	0.39	15.28	3.73	5.89	0.68	1.74	86.91	81.70	81.10		24	24	HP	0.012				0.6	0.02	
S-1107	INLET		1.52	0.45	0.68							79.70	79.10	0.60					0.21%	3.55	11.17			
S-1111	SINGLE		0.87	0.45	0.39							85.70	85.60	0.04					0.11%	1.91	2.34			
To	CURB	32	0.00	0.00	0.00	15.00	0.28	5.93	0.39	2.32	86.91	81.80	81.70		15	15	HP	0.012				1.0	0.06	
S-1110	INLET		0.87	0.45	0.39							80.55	80.45	0.10					0.31%	3.19	3.91			
S-1300	STD.											82.19												SMF-13
	MES		4.10	0.40	1.64	18.69					-	80.00			24	24	HP							10 Yr D.H.W.
												78.00												EL. = 82.19
S-1301	TYPE		0.00	0.40	0.00							82.31	82.19	0.04					0.13%	2.86	8.99			
To	J	32	4.10	0.40	1.64	18.51	0.19	5.43	1.64	0.00	84.60	80.50	80.00		24	24	HP	0.012				0.6	0.08	
S-1300	MH		4.10	0.40	1.64							78.50	78.00	0.50					1.56%	9.75	30.63			
S-1302	SINGLE		0.62	0.40	0.25							82.60	82.31	0.19					0.14%	2.91	9.15			
To	CURB	134	3.48	0.40	1.39	17.74	0.77	5.53	1.64	1.47	86.86	81.10	80.90		24	24	HP	0.012				0.8	0.11	
S-1301	INLET		4.10	0.40	1.64							79.10	78.90	0.20					0.15%	3.01	9.47			
S-1303	SINGLE		0.79	0.40	0.32							83.11	82.60	0.39					0.25%	2.87	3.53			
To	CURB	154	0.70	0.40	0.28	15.40	0.89	5.87	0.60	1.88	85.86	81.60	81.25		15	15	HP	0.012				0.9	0.12	
S-1302	INLET		1.49	0.40	0.60							80.35	80.00	0.35					0.23%	2.72	3.34			
S-1304	SINGLE		0.70	0.40	0.28							83.30	83.25	0.02					0.06%	1.37	1.68			
To	CURB	33	0.00	0.00	0.00	15.00	0.40	5.93	0.28	1.66	85.86	83.35	83.25		15	15	HP	0.012				1.0	0.03	
S-1303	INLET		0.70	0.40	0.28							82.10	82.00	0.10					0.30%	3.14	3.85			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-1305	TYPE		0.00	0.40	0.00							82.79	82.60	0.13					0.16%	2.55	4.50			
To	J	82	1.99	0.40	0.80	17.20	0.54	5.61	0.80	0.00	87.50	81.50	81.35		18	18	HP	0.012				0.6	0.06	
S-1302	MH		1.99	0.40	0.80							80.00	79.85	0.15					0.18%	2.75	4.87			
S-1306	SINGLE		1.58	0.40	0.63							83.29	82.79	0.44					0.17%	2.65	4.69			
To	CURB	258	0.41	0.40	0.16	15.58	1.62	5.84	0.80	3.75	85.96	82.00	81.50		18	18	HP	0.012				0.6	0.07	
S-1305	INLET		1.99	0.40	0.80							80.50	80.00	0.50					0.19%	2.83	5.01			
S-1307	SINGLE		0.41	0.40	0.16							83.37	83.35	0.01					0.02%	0.80	0.98			
To	CURB	28	0.00	0.00	0.00	15.00	0.58	5.93	0.16	0.97	85.96	83.45	83.35		15	15	HP	0.012				1.0	0.01	
S-1306	INLET		0.41	0.40	0.16							82.20	82.10	0.10					0.36%	3.41	4.18			

S-1400	STD.											83.28												SMF-14
	MES		1.02	0.40	0.41	17.79					-	80.15			15	15	HP							10 Yr D.H.W.
												78.90												EL. = 83.28
S-1401	SINGLE		0.13	0.40	0.05							83.42	83.28	0.09					0.11%	1.89	2.32			
To	CURB	86	0.89	0.40	0.36	17.03	0.76	5.63	0.41	0.31	87.78	82.75	80.15		15	15	HP	0.012				0.8	0.04	
S-1400	INLET		1.02	0.40	0.41							81.50	78.90	2.60					3.02%	9.92	12.17			
S-1402	SINGLE		0.25	0.40	0.10							83.74	83.55	0.16					0.09%	1.72	2.11			
To	CURB	171	0.64	0.40	0.26	15.37	1.66	5.87	0.36	0.59	86.56	83.95	83.55		15	15	HP	0.012				0.8	0.04	
S-1401	INLET		0.89	0.40	0.36							82.70	82.30	0.40					0.23%	2.76	3.38			
S-1403	SINGLE		0.64	0.40	0.26							83.99	83.95	0.01					0.05%	1.25	1.53			
To	CURB	28	0.00	0.00	0.00	15.00	0.37	5.93	0.26	1.52	86.56	84.05	83.95		15	15	HP	0.012				1.0	0.02	
S-1402	INLET		0.64	0.40	0.26							82.80	82.70	0.10					0.36%	3.41	4.18			

S-1404	STD.											83.28												SMF-14
	MES		7.90	0.40	3.16	23.24					-	78.50			30	30	HP							10 Yr D.H.W.
												76.00												EL. = 83.28
S-1405	SINGLE		0.08	0.40	0.03							83.54	83.28	0.15					0.13%	3.22	15.82			
To	CURB	116	7.82	0.40	3.13	22.64	0.60	4.97	3.16	0.19	89.38	78.65	78.50		30	30	HP	0.012				0.7	0.11	
S-1404	INLET		7.90	0.40	3.16							76.15	76.00	0.15					0.13%	3.26	15.98			
S-1406	SINGLE		0.01	0.40	0.00							83.83	83.54	0.18					0.13%	3.24	15.90			
To	CURB	140	7.81	0.40	3.12	21.92	0.72	5.04	3.13	0.02	90.37	79.75	79.60		30	30	HP	0.012				0.7	0.11	
S-1405	INLET		7.82	0.40	3.13							77.25	77.10	0.15					0.11%	2.96	14.54			
S-1407	SINGLE		0.80	0.40	0.32							84.84	83.83	0.86					0.29%	3.45	6.10			
To	CURB	299	1.76	0.40	0.70	15.14	1.44	5.91	1.02	1.90	88.96	84.10	83.55		18	18	HP	0.012				0.8	0.15	
S-1406	INLET		2.56	0.40	1.02							82.60	82.05	0.55					0.18%	2.76	4.88			
S-1408	SINGLE		1.76	0.40	0.70							85.13	84.84	0.10					0.36%	3.43	4.21			
To	CURB	28	0.00	0.00	0.00	15.00	0.14	5.93	0.70	4.18	88.96	84.20	84.10		15	15	HP	0.012				1.0	0.18	
S-1407	INLET		1.76	0.40	0.70							82.95	82.85	0.10					0.36%	3.41	4.18			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1409	SINGLE		0.15	0.40	0.06							84.56	83.83	0.56					0.20%	3.49	10.98			
To	CURB	279	5.10	0.40	2.04	20.59	1.33	5.19	2.10	0.36	89.51	80.10	79.75		24	24	HP	0.012				0.9	0.17	
S-1406	INLET		5.25	0.40	2.10							78.10	77.75	0.35					0.13%	2.76	8.68			
S-1410	SINGLE		0.30	0.40	0.12							84.72	84.56	0.07					0.19%	3.39	10.65			
To	CURB	36	4.46	0.40	1.78	17.62	0.18	5.55	1.90	0.71	89.36	80.20	80.10		24	24	HP	0.012				0.5	0.09	
S-1409	INLET		4.76	0.40	1.90							78.20	78.10	0.10					0.28%	4.11	12.92			
S-1411	SINGLE		0.60	0.40	0.24							85.18	84.72	0.37					0.18%	3.26	10.26			
To	CURB	214	3.86	0.40	1.54	16.53	1.09	5.70	1.78	1.42	88.42	81.95	81.65		24	24	HP	0.012				0.5	0.08	
S-1410	INLET		4.46	0.40	1.78							79.95	79.65	0.30					0.14%	2.92	9.18			
S-1412	SINGLE		1.48	0.40	0.59							85.64	85.18	0.35					0.14%	2.93	9.21			
To	CURB	250	2.38	0.40	0.95	15.11	1.42	5.92	1.54	3.51	87.51	82.30	81.95		24	24	HP	0.012				0.8	0.11	
S-1411	INLET		3.86	0.40	1.54							80.30	79.95	0.35					0.14%	2.92	9.17			
S-1413	SINGLE		2.38	0.40	0.95							86.17	85.64	0.20					0.66%	4.64	5.70			
To	CURB	30	0.00	0.00	0.00	15.00	0.11	5.93	0.95	5.65	87.51	82.40	82.30		15	15	HP	0.012				1.0	0.33	
S-1412	INLET		2.38	0.40	0.95							81.15	81.05	0.10					0.33%	3.29	4.04			
S-1414	SINGLE		0.11	0.40	0.04							84.59	84.56	0.02					0.01%	0.65	0.79			
To	CURB	176	0.23	0.40	0.09	16.04	4.55	5.77	0.14	0.26	85.56	82.95	82.55		15	15	HP	0.012				0.8	0.01	
S-1409	INLET		0.34	0.40	0.14							81.70	81.30	0.40					0.23%	2.72	3.34			
S-1415	SINGLE		0.23	0.40	0.09							84.60	84.59	0.00					0.01%	0.45	0.55			
To	CURB	28	0.00	0.00	0.00	15.00	1.04	5.93	0.09	0.55	85.56	83.05	82.95		15	15	HP	0.012				1.0	0.00	
S-1414	INLET		0.23	0.40	0.09							81.80	81.70	0.10					0.36%	3.41	4.18			
S-1500	STD.											83.84												SMF-15
	MES		0.70	0.40	0.28	16.29					-	81.50			15	15	HP							10 Yr D.H.W.
												80.25												EL. = 83.84
S-1501	SINGLE		0.32	0.40	0.13							83.88	83.84	0.03					0.06%	1.34	1.65			
To	CURB	53	0.38	0.40	0.15	15.63	0.66	5.83	0.28	0.76	85.76	83.10	81.50		15	15	HP	0.012				0.5	0.01	
S-1500	INLET		0.70	0.40	0.28							81.85	80.25	1.60					3.02%	9.91	12.16			
S-1502	SINGLE		0.38	0.40	0.15							83.90	83.88	0.00					0.02%	0.74	0.91			
To	CURB	28	0.00	0.00	0.00	15.00	0.63	5.93	0.15	0.90	85.76	83.25	83.15		15	15	HP	0.012				1.0	0.01	
S-1501	INLET		0.38	0.40	0.15							82.00	81.90	0.10					0.36%	3.41	4.18			
S-1503	STD.											83.84												SMF-15
	MES		3.63	0.40	1.45	20.15					-	81.50			24	24	HP							10 Yr D.H.W.
												79.50												EL. = 83.84
S-1504	SINGLE		0.19	0.40	0.08							83.96	83.84	0.06					0.10%	2.46	7.74			
To	CURB	62	3.44	0.40	1.38	19.73	0.42	5.28	1.45	0.45	86.76	81.90	81.50		24	24	HP	0.012				0.6	0.06	
S-1503	INLET		3.63	0.40	1.45							79.90	79.50	0.40					0.65%	6.27	19.68			
S-1505	SINGLE		0.41	0.40	0.16							84.17	84.15	0.01					0.02%	0.80	0.98			
To	CURB	28	0.00	0.00	0.00	15.00	0.58	5.93	0.16	0.97	86.76	84.25	84.15		15	15	HP	0.012				1.0	0.01	
S-1504	INLET		0.41	0.40	0.16							83.00	82.90	0.10					0.36%	3.41	4.18			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1506	SINGLE		0.45	0.40	0.18							84.71	83.96	0.56					0.33%	3.72	6.57			
To	CURB	167	2.58	0.40	1.03	18.98	0.75	5.37	1.21	1.07	88.20	82.65	81.90		18	18	HP	0.012				0.9	0.19	
S-1504	INLET		3.03	0.40	1.21							81.15	80.40	0.75					0.45%	4.32	7.63			
S-1507	SINGLE		0.99	0.40	0.40							85.47	85.35	0.06					0.11%	1.93	2.37			
To	CURB	51	0.00	0.00	0.00	15.00	0.44	5.93	0.40	2.35	88.02	85.50	85.35		15	15	HP	0.012				1.0	0.06	
S-1506	INLET		0.99	0.40	0.40							84.25	84.10	0.15					0.29%	3.09	3.80			
S-1508	TYPE		0.00	0.40	0.00							84.95	84.71	0.20					0.10%	2.03	3.59			
To	J	206	1.59	0.40	0.64	17.29	1.69	5.59	0.64	0.00	89.75	83.90	83.00		18	18	HP	0.012				0.6	0.04	
S-1506	MH		1.59	0.40	0.64							82.40	81.50	0.90					0.44%	4.26	7.52			
S-1509	SINGLE		0.80	0.40	0.32							85.56	84.95	0.50					0.28%	3.00	3.68			
To	CURB	181	0.79	0.40	0.32	16.28	1.01	5.74	0.64	1.90	89.54	84.35	83.90		15	15	HP	0.012				0.8	0.11	
S-1508	INLET		1.59	0.40	0.64							83.10	82.65	0.45					0.25%	2.84	3.49			
S-1510	SINGLE		0.45	0.40	0.18							87.02	87.00	0.01					0.02%	0.88	1.08			
To	CURB	46	0.00	0.00	0.00	15.00	0.87	5.93	0.18	1.07	89.89	87.35	87.00		15	15	HP	0.012				1.0	0.01	
S-1509	INLET		0.45	0.40	0.18							86.10	85.75	0.35					0.76%	4.97	6.10			
S-1511	SINGLE		0.34	0.40	0.14							86.86	86.85	0.01					0.01%	0.66	0.81			
To	CURB	51	0.00	0.00	0.00	15.00	1.28	5.93	0.14	0.81	89.45	86.95	86.85		15	15	HP	0.012				1.0	0.01	
S-1509	INLET		0.34	0.40	0.14							85.70	85.60	0.10					0.20%	2.53	3.10			
S-1600	STD.											84.33												SMF-16
	MES		0.90	0.40	0.36	19.06					-	81.50			18	18	HP							10 Yr D.H.W.
												80.00												EL. = 84.33
S-1601	TYPE		0.00	0.40	0.00							84.35	84.33	0.01					0.03%	1.12	1.98			
To	J	49	0.90	0.40	0.36	18.33	0.73	5.46	0.36	0.00	90.50	82.65	81.50		18	18	HP	0.012				0.5	0.01	
S-1600	MH		0.90	0.40	0.36							81.15	80.00	1.15					2.35%	9.87	17.43			
S-1602	SINGLE		0.30	0.40	0.12							88.24	88.15	0.07					0.03%	1.20	2.13			
To	CURB	209	0.60	0.40	0.24	15.44	2.89	5.86	0.36	0.71	91.25	88.55	88.15		18	18	HP	0.012				0.6	0.01	
S-1601	INLET		0.90	0.40	0.36							87.05	86.65	0.40					0.19%	2.82	4.98			
S-1603	SINGLE		0.60	0.40	0.24							88.58	88.55	0.01					0.04%	1.17	1.44			
To	CURB	31	0.00	0.00	0.00	15.00	0.44	5.93	0.24	1.42	91.19	88.65	88.55		15	15	HP	0.012				1.0	0.02	
S-1602	INLET		0.60	0.40	0.24							87.40	87.30	0.10					0.32%	3.24	3.97			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1604	STD.											84.33												SMF-16
	MES		14.43	0.40	5.77	29.71					-	78.00			42	42	HP							10 Yr D.H.W.
												74.50												EL. = 84.33
S-1605	TYPE		0.00	0.40	0.00							84.42	84.33	0.03					0.05%	2.65	25.52			
To	J	61	14.43	0.40	5.77	29.32	0.38	4.39	5.77	0.00	89.20	78.05	78.00		42	42	HP	0.012				0.5	0.05	
S-1604	MH		14.43	0.40	5.77							74.55	74.50	0.05					0.08%	3.24	31.20			
S-1606	SINGLE		0.35	0.40	0.14							84.60	84.42	0.07					0.06%	2.69	25.88			
To	CURB	131	14.08	0.40	5.63	28.51	0.81	4.45	5.77	0.83	88.16	78.15	78.05		42	42	HP	0.012				1.0	0.11	
S-1605	INLET		14.43	0.40	5.77							74.65	74.55	0.10					0.08%	3.13	30.11			
S-1607	SINGLE		0.57	0.40	0.23							84.87	84.60	0.23					0.10%	2.05	3.62			
To	CURB	229	1.07	0.40	0.43	18.19	1.86	5.47	0.66	1.35	89.44	84.30	83.10		18	18	HP	0.012				0.5	0.03	
S-1606	INLET		1.64	0.40	0.66							82.80	81.60	1.20					0.52%	4.66	8.24			
S-1608	SINGLE		0.95	0.40	0.38							87.00	86.90	0.06					0.12%	1.94	2.39			
To	CURB	48	0.12	0.40	0.05	17.78	0.41	5.53	0.43	2.25	89.56	87.05	86.90		15	15	HP	0.012				0.8	0.05	
S-1607	INLET		1.07	0.40	0.43							85.80	85.65	0.15					0.31%	3.19	3.91			
S-1609	SINGLE		0.12	0.40	0.05							87.05	87.05	0.00					0.00%	0.23	0.29			
To	CURB	39	0.00	0.00	0.00	15.00	2.78	5.93	0.05	0.28	89.68	87.15	87.05		15	15	HP	0.012				1.0	0.00	
S-1608	INLET		0.12	0.40	0.05							85.90	85.80	0.10					0.26%	2.89	3.54			
S-1610	SINGLE		0.74	0.40	0.30							84.70	84.60	0.07					0.04%	1.61	5.06			
To	CURB	160	2.00	0.40	0.80	26.86	1.66	4.58	1.10	1.76	87.21	83.00	82.70		24	24	HP	0.012				0.6	0.02	
S-1606	INLET		2.74	0.40	1.10							81.00	80.70	0.30					0.19%	3.38	10.61			
S-1611	SINGLE		1.20	0.40	0.48							84.83	84.70	0.05					0.17%	2.34	2.87			
To	CURB	28	0.00	0.00	0.00	15.00	0.20	5.93	0.48	2.85	87.21	84.70	84.60		15	15	HP	0.012				1.0	0.09	
S-1610	INLET		1.20	0.40	0.48							83.45	83.35	0.10					0.36%	3.41	4.18			
S-1612	SINGLE		0.21	0.40	0.08							84.72	84.70	0.02					0.01%	0.58	1.82			
To	CURB	340	0.59	0.40	0.24	17.05	9.80	5.63	0.32	0.50	88.49	83.60	83.00		24	24	HP	0.012				0.9	0.00	
S-1610	INLET		0.80	0.40	0.32							81.60	81.00	0.60					0.18%	3.28	10.30			
S-1613	SINGLE		0.26	0.40	0.10							85.48	85.45	0.01					0.04%	1.10	1.36			
To	CURB	33	0.33	0.40	0.13	16.55	0.50	5.70	0.24	0.62	88.23	85.55	85.45		15	15	HP	0.012				0.9	0.02	
S-1612	INLET		0.59	0.40	0.24							84.30	84.20	0.10					0.30%	3.14	3.85			
S-1614	SINGLE		0.33	0.40	0.13							85.56	85.55	0.01					0.01%	0.64	0.79			
To	CURB	60	0.00	0.00	0.00	15.00	1.55	5.93	0.13	0.78	88.23	85.70	85.55		15	15	HP	0.012				1.0	0.01	
S-1613	INLET		0.33	0.40	0.13							84.45	84.30	0.15					0.25%	2.85	3.50			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1615	SINGLE		0.30	0.40	0.12							84.71	84.60	0.03					0.08%	2.82	19.93			
To	CURB	36	9.40	0.40	3.76	21.41	0.21	5.09	3.88	0.71	87.93	78.25	78.15		36	36	HP	0.012				0.6	0.07	
S-1606	INLET		9.70	0.40	3.88							75.25	75.15	0.10					0.28%	5.39	38.08			
S-1616	SINGLE		0.60	0.40	0.24							84.94	84.71	0.16					0.08%	2.81	19.85			
To	CURB	214	8.80	0.40	3.52	20.14	1.27	5.24	3.76	1.42	86.54	78.40	78.25		36	36	HP	0.012				0.6	0.07	
S-1615	INLET		9.40	0.40	3.76							75.40	75.25	0.15					0.07%	2.71	19.13			
S-1617	SINGLE		0.60	0.40	0.24							84.97	84.94	0.01					0.04%	1.17	1.44			
To	CURB	28	0.00	0.00	0.00	15.00	0.40	5.93	0.24	1.42	86.54	84.00	83.90		15	15	HP	0.012				1.0	0.02	
S-1616	INLET		0.60	0.40	0.24							82.75	82.65	0.10					0.36%	3.41	4.18			
S-1618	SINGLE		0.97	0.40	0.39							85.14	84.94	0.11					0.06%	2.52	17.78			
To	CURB	177	7.23	0.40	2.89	18.97	1.17	5.38	3.28	2.30	85.55	78.55	78.40		36	36	HP	0.012				0.9	0.09	
S-1616	INLET		8.20	0.40	3.28							75.55	75.40	0.15					0.08%	2.98	21.03			
S-1619	SINGLE		1.15	0.40	0.46							85.36	85.14	0.12					0.27%	3.33	5.88			
To	CURB	46	1.32	0.40	0.53	15.22	0.23	5.90	0.99	2.73	85.54	80.80	80.70		18	18	HP	0.012				0.6	0.10	
S-1618	INLET		2.47	0.40	0.99							79.30	79.20	0.10					0.22%	3.00	5.31			
S-1620	SINGLE		1.32	0.40	0.53							85.53	85.36	0.07					0.20%	2.57	3.16			
To	CURB	34	0.00	0.00	0.00	15.00	0.22	5.93	0.53	3.13	85.66	83.10	83.00		15	15	HP	0.012				1.0	0.10	
S-1619	INLET		1.32	0.40	0.53							81.85	81.75	0.10					0.29%	3.09	3.80			
S-1621	SINGLE		0.86	0.40	0.34							85.68	85.14	0.44					0.19%	3.38	10.60			
To	CURB	233	3.90	0.40	1.56	17.82	1.15	5.52	1.90	2.04	86.94	78.85	78.55		24	24	HP	0.012				0.6	0.11	
S-1618	INLET		4.76	0.40	1.90							76.85	76.55	0.30					0.13%	2.80	8.79			
S-1622	SINGLE		1.03	0.40	0.41							85.78	85.68	0.03					0.12%	2.01	2.46			
To	CURB	28	0.00	0.00	0.00	15.00	0.23	5.93	0.41	2.44	86.94	84.40	84.30		15	15	HP	0.012				1.0	0.06	
S-1621	INLET		1.03	0.40	0.41							83.15	83.05	0.10					0.36%	3.41	4.18			
S-1623	SINGLE		0.61	0.40	0.24							86.31	85.68	0.51					0.33%	3.68	6.50			
To	CURB	156	2.26	0.40	0.90	17.11	0.71	5.62	1.15	1.45	86.54	81.90	81.60		18	18	HP	0.012				0.6	0.13	
S-1621	INLET		2.87	0.40	1.15							80.40	80.10	0.30					0.19%	2.82	4.99			
S-1624	SINGLE		0.66	0.40	0.26							86.84	86.31	0.45					0.21%	2.98	5.27			
To	CURB	208	1.60	0.40	0.64	15.95	1.16	5.79	0.90	1.57	87.46	82.30	81.90		18	18	HP	0.012				0.6	0.08	
S-1623	INLET		2.26	0.40	0.90							80.80	80.40	0.40					0.19%	2.82	4.99			
S-1625	SINGLE		1.20	0.40	0.48							87.09	86.84	0.13					0.29%	3.06	3.76			
To	CURB	45	0.40	0.40	0.16	15.71	0.24	5.82	0.64	2.85	87.50	82.60	82.45		15	15	HP	0.012				0.8	0.12	
S-1624	INLET		1.60	0.40	0.64							81.35	81.20	0.15					0.33%	3.29	4.04			
S-1626	SINGLE		0.40	0.40	0.16							87.11	87.09	0.01					0.02%	0.78	0.96			
To	CURB	33	0.00	0.00	0.00	15.00	0.71	5.93	0.16	0.95	87.85	82.70	82.60		15	15	HP	0.012				1.0	0.01	
S-1625	INLET		0.40	0.40	0.16							81.45	81.35	0.10					0.30%	3.14	3.85			

Upper	Type	Pipe	Drainage Area (Ac +/-)			Tc	TL	i	Total	Q	Top	Hydraulic Grade EL.			Pipe Size		Pipe	n	Hydraulic Gradient / Physical			C	Minor	Remarks
To	Structure	Length	C = VARIES									Crown / Flowline			Span	Rise			Slope	Vel.	Q	Head	Loss	
Lower	Upstream	(Ft)	A	C	C*A	(min.)	(min.)	(In / Hr.)	(CA)	(cfs)	Elev.	Up End	Dn End	Fall	(in.)	(in.)	Mat.		(%)	(fps)	(cfs)	Loss	(str)	
S-1700	STD.											83.64												SMF-17
	MES		0.68	0.40	0.27	15.57					-	80.50			15	15	HP							10 Yr D.H.W.
												79.25												EL. = 83.64
S-1701	SINGLE		0.68	0.40	0.27							83.69	83.64	0.02					0.05%	1.33	1.63			
To	CURB	45	0.00	0.00	0.00	15.00	0.57	5.93	0.27	1.61	85.20	80.60	80.50		15	15	HP	0.012				1.0	0.03	
S-1700	INLET		0.68	0.40	0.27							79.35	79.25	0.10					0.22%	2.69	3.30			
S-1702	SINGLE		0.89	0.40	0.36							83.72	83.65	0.03					0.09%	1.74	2.13			
To	CURB	30	0.00	0.00	0.00	15.00	0.29	5.93	0.36	2.11	86.76	81.50	81.40		15	15	HP	0.012				1.0	0.05	
S-64	INLET		0.89	0.40	0.36							80.25	80.15	0.10					0.33%	3.29	4.04			
S-1703	SINGLE		0.38	0.40	0.15							84.57	84.55	0.01					0.02%	0.74	0.91			
To	CURB	40	0.00	0.00	0.00	15.00	0.90	5.93	0.15	0.90	87.26	84.75	84.55		15	15	HP	0.012				1.0	0.01	
S-67	INLET		0.38	0.40	0.15							83.50	83.30	0.20					0.50%	4.03	4.95			
S-1900	STD.											83.66												SMF-19
	MES		4.53	0.40	1.81	19.20					-	80.50			24	24	HP							10 Yr D.H.W.
												78.50												EL. = 83.66
S-1901	SINGLE		0.23	0.40	0.09							83.89	83.66	0.11					0.16%	3.14	9.85			
To	CURB	68	4.30	0.40	1.72	18.84	0.36	5.39	1.81	0.55	86.76	80.60	80.50		24	24	HP	0.012				0.8	0.12	
S-1900	INLET		4.53	0.40	1.81							78.60	78.50	0.10					0.15%	2.99	9.40			
S-1902	SINGLE		1.31	0.40	0.52							84.05	83.89	0.06					0.20%	2.55	3.14			
To	CURB	29	0.00	0.00	0.00	15.00	0.19	5.93	0.52	3.11	86.76	81.50	81.40		15	15	HP	0.012				1.0	0.10	
S-1901	INLET		1.31	0.40	0.52							80.25	80.15	0.10					0.34%	3.35	4.11			
S-1903	SINGLE		0.02	0.40	0.01							84.08	83.89	0.14					0.08%	2.14	6.74			
To	CURB	190	2.97	0.40	1.19	17.36	1.48	5.59	1.20	0.05	87.21	80.85	80.60		24	24	HP	0.012				0.6	0.04	
S-1901	INLET		2.99	0.40	1.20							78.85	78.60	0.25					0.13%	2.83	8.89			
S-1904	SINGLE		0.05	0.40	0.02							84.19	84.08	0.07					0.08%	2.16	6.80			
To	CURB	85	2.92	0.40	1.17	16.70	0.65	5.68	1.19	0.12	86.77	81.00	80.85		24	24	HP	0.012				0.6	0.04	
S-1903	INLET		2.97	0.40	1.19							79.00	78.85	0.15					0.18%	3.28	10.30			
S-1905	SINGLE		0.61	0.40	0.24							84.39	84.19	0.15					0.08%	2.21	6.93			
To	CURB	183	2.31	0.40	0.92	15.32	1.38	5.88	1.17	1.45	85.40	81.25	81.00		24	24	HP	0.012				0.7	0.05	
S-1904	INLET		2.92	0.40	1.17							79.25	79.00	0.25					0.14%	2.88	9.06			
S-1906	SINGLE		1.30	0.40	0.52							84.55	84.39	0.07					0.20%	2.54	3.11			
To	CURB	34	0.00	0.00	0.00	15.00	0.22	5.93	0.52	3.09	85.68	83.15	83.05		15	15	HP	0.012				1.0	0.10	
S-1905	INLET		1.30	0.40	0.52							81.90	81.80	0.10					0.29%	3.09	3.80			
S-1907	SINGLE		1.01	0.40	0.40							84.49	84.39	0.05					0.12%	1.97	2.42			
To	CURB	38	0.00	0.00	0.00	15.00	0.32	5.93	0.40	2.40	85.43	82.90	82.80		15	15	HP	0.012				1.0	0.06	
S-1905	INLET		1.01	0.40	0.40							81.65	81.55	0.10					0.26%	2.93	3.59			

Upper To Lower	Type Structure Upstream	Pipe Length (Ft)	Drainage Area (Ac +/-) C = VARIES A	C	C*A	Tc (min.)	TL (min.)	i (In / Hr.)	Total (CA)	Q Runoff (cfs)	Top Elev.	Hydraulic Grade EL. Crown / Flowline Up End	Dn End	Fall	Pipe Size Span (in.)	Rise (in.)	Pipe Mat.	n	Hydraulic Gradient / Physical Slope (%)	Vel. (fps)	Q (cfs)	C Head Loss	Minor Loss (str)	Remarks
S-2101	FDOT											0.00												
	TYPE		0.55	0.45	0.25	16.23					-	84.40			15	15	HP							
	MES											83.15												
S-2102	TYPE		0.55	0.45	0.25							84.46	84.40	0.04					0.04%	1.21	1.48			
To	C	89	0.00	0.00	0.00	15.00	1.23	5.93	0.25	1.47	85.50	84.60	84.40		15	15	HP	0.012				1.0	0.02	
S-2101	INLET		0.55	0.45	0.25							83.35	83.15	0.20					0.22%	2.70	3.32			

APPENDIX

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Town of Howey in the Hills Lake County Florida	NO PROJECT	HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 120585		
IDENTIFIER	Venezia North and South	APPROXIMATE LATITUDE AND LONGITUDE: 28.704, -81.778 SOURCE: Precision Mapping Streets DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURE	ANNOTATED STUDY ENCLOSURE
TYPE: FIRM* NO.: 12069C0485E DATE: December 18, 2012	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 18, 2012 STILLWATER ELEVATION TABLE: 8

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCES AND REVISED REACHES See Page 2 for Additional Flooding Sources

Holland Lake - Area centered approximately 2,780 feet northwest of the intersection of East Revels Road and South Palm Avenue

Unnamed Ponding Area 14 - Area centered approximately 2,130 feet west of the intersection of East Revels Road and South Palm Avenue

Unnamed Ponding Area 15 - Area centered approximately 1,410 feet northwest of the intersection of East Revels Road and South Palm Avenue

Unnamed Ponding Area 16 - Area centered approximately 1,240 feet northwest of the intersection of East Revels Road and South Palm Avenue

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Holland Lake	Zone A	Zone A	NONE	YES
Unnamed Ponding Area 14	Zone X (unshaded)	Zone A	YES	NONE
Unnamed Ponding Area 15	Zone X (unshaded)	Zone A	YES	NONE
Unnamed Ponding Area 16	Zone X (unshaded)	Zone A	YES	NONE

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCES AND REVISED REACHES

Unnamed Ponding Area 5 - Area centered approximately 950 feet west of the intersection of East Revels Road and 7th Avenue
Unnamed Ponding Area 6 - Area centered approximately 1,300 feet northwest of the intersection of East Revels Road and 7th Avenue
Unnamed Ponding Area 7 - Area centered approximately 940 feet southwest of the intersection of East Revels Road and Palm Avenue
Unnamed Ponding Area 8 - Area centered approximately 520 feet northeast of the intersection of East Revels Road and 5th Avenue
Unnamed Ponding Area 9 - Area centered approximately 1,390 feet northeast of the intersection of East Revels Road and 5th Avenue
Unnamed Ponding Area 10 - Area centered approximately 2,840 feet west of the intersection of South Florida Avenue and South Palm Avenue
Unnamed Ponding Area 11 - Area centered approximately 1,980 feet west of the intersection of South Florida Avenue and South Palm Avenue
Unnamed Ponding Area 12 - Area centered approximately 1,590 feet northwest of the intersection of South Florida Avenue and South Palm Avenue

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Unnamed Ponding Area 5	Zone X (unshaded)	Zone AE	YES	NONE
	No BFEs*	BFEs	YES	NONE
Unnamed Ponding Area 6	Zone X (unshaded)	Zone AE	YES	NONE
	No BFEs	BFEs	YES	NONE
Unnamed Ponding Area 7	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
Unnamed Ponding Area 8	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
Unnamed Ponding Area 9	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
Unnamed Ponding Area 10	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
Unnamed Ponding Area 11	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE
Unnamed Ponding Area 12	No BFEs	BFEs	YES	NONE
	Zone X (unshaded)	Zone AE	YES	NONE

* BFEs - Base Flood Elevations

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

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Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 120421 **Name:** Lake County, Florida

AFFECTED MAP PANEL	AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT
TYPE: FIRM* NO.: 12069C0485E DATE: December 18, 2012	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: December 18, 2012 STILLWATER ELEVATION TABLE: 8

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency
Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Jesse Munoz
Director, Mitigation Division
Federal Emergency Management Agency, Region IV
Koger Center - Rutgers Building, 3003 Chamblee Tucker Road
Atlanta, GA 30341
(770)-220-5406

STATUS OF THE COMMUNITY NFIP MAPS

We will not physically revise and republish the FIRM and FIS report for your community to reflect the modifications made by this LOMR at this time. When changes to the previously cited FIRM panel and FIS report warrant physical revision and republication in the future, we will incorporate the modifications made by this LOMR at that time.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *The Leesburg Daily Commercial*

Dates: September 25, 2019 and October 2, 2019

Within 90 days of the second publication in the local newspaper, any interested party may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional Information about the NFIP is available on our website at https://www.fema.gov/national-flood-insurance-program.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

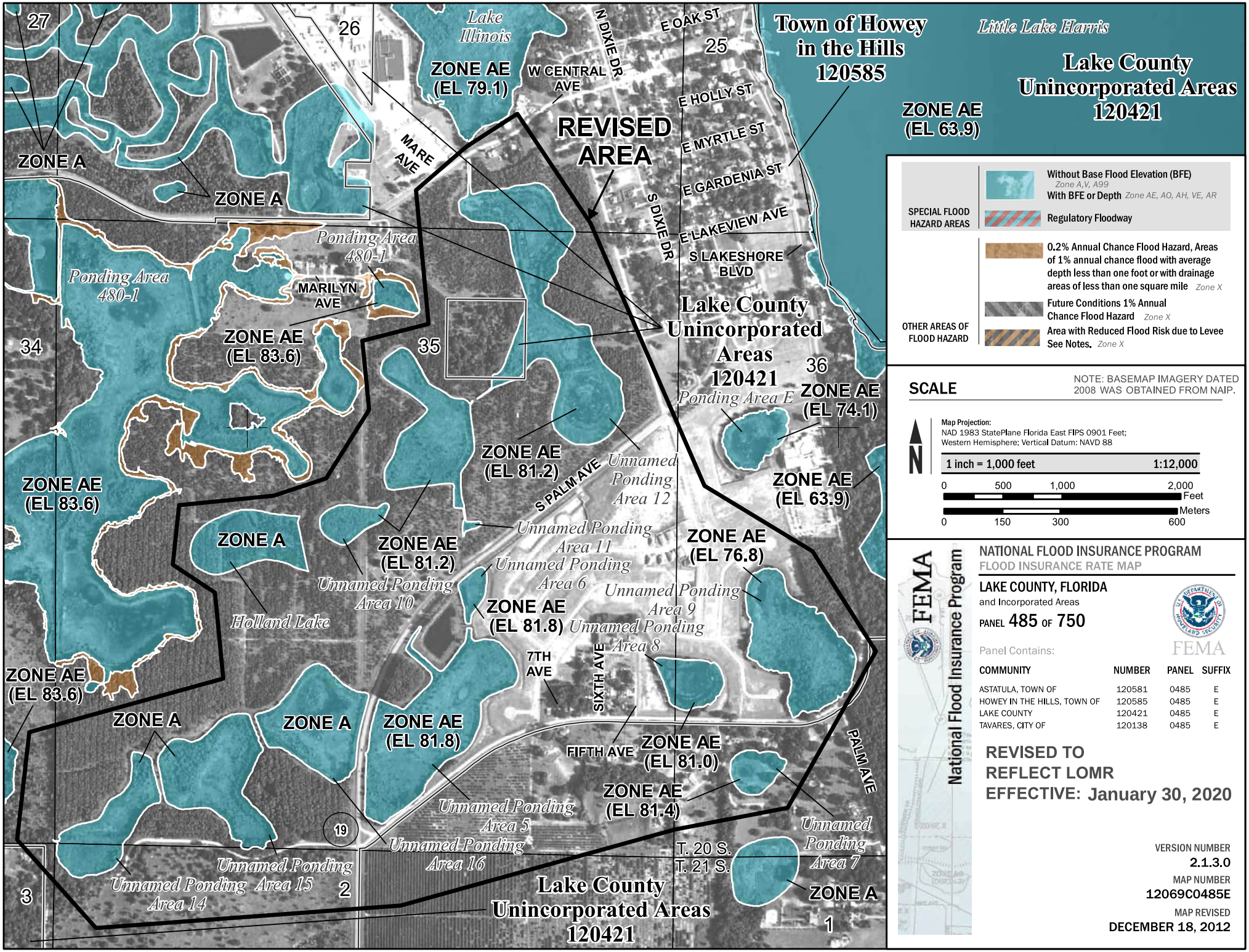
Table 8: Summary of Stillwater Elevations (continued)

Lake Name	Old Name If Changed for this FIS Report	FIRM Panel Number(s)	Community Name	Stillwater Elevations (feet NAVD88) 10-percent-annual-chance	2-percent-annual-chance	1-percent-annual-chance	0.2-percent-annual-chance
Unnamed Ponding Area 5		485	Town of Howey in the Hills	*	*	81.8	*
Unnamed Ponding Area 6		485	Town of Howey in the Hills	*	*	81.8	*
Unnamed Ponding Area 7		485	Town of Howey in the Hills	*	*	81.4	*
Unnamed Ponding Area 8		485	Town of Howey in the Hills	*	*	81.0	*
Unnamed Ponding Area 9		485	Town of Howey in the Hills	*	*	76.8	*
Unnamed Ponding Area 10		485	Town of Howey in the Hills	*	*	81.2	*
Unnamed Ponding Area 11		485	Town of Howey in the Hills	*	*	81.2	*
Unnamed Ponding Area 12		485	Town of Howey in the Hills, Lake County	*	*	81.2	*

*Data Not Available

REVISED DATA

REVISED TO
REFLECT LOMR
EFFECTIVE: January 30, 2020



SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) *Zone A,V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee See Notes. *Zone X*

SCALE

NOTE: BASEMAP IMAGERY DATED 2008 WAS OBTAINED FROM NAIP.

Map Projection:
NAD 1983 StatePlane Florida East FIPS 0901 Feet;
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 Feet

0 150 300 600 Meters

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

LAKE COUNTY, FLORIDA
and Incorporated Areas

PANEL 485 OF 750

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
ASTATULA, TOWN OF	120581	0485	E
HOWEY IN THE HILLS, TOWN OF	120585	0485	E
LAKE COUNTY	120421	0485	E
TAVARES, CITY OF	120138	0485	E

REVISED TO REFLECT LOMR EFFECTIVE: January 30, 2020

VERSION NUMBER
2.1.3.0

MAP NUMBER
12069C0485E

MAP REVISED
DECEMBER 18, 2012

SOIL SURVEY OF

Lake County Area, Florida

United States Department of Agriculture
Soil Conservation Service
in cooperation with
University of Florida
Agricultural Experiment Stations

TABLE 8.—*Estimated soil properties significant in engineering*

[An asterisk in the first column indicates that at least one mapping unit in this series is made up of two or more kinds of soil. The soils in such mapping units may have different properties and limitations, and for this reason it is necessary to follow carefully the instructions for referring to other series that appear in the first column of this table. Symbol > means greater than, < means less than]

Soil series and map symbols	Depth to seasonally high water table [1]	Flood hazard [2]	Depth from surface	Classification			Percentage less than 3 inches passing sieve [3]—				Permeability	Available water capacity	Reaction	Shrink-swell potential [4]
				USDA	Unified	AASHO	No. 4 (4.7 mm.)	No. 10 (2.0 mm.)	No. 40 (0.42 mm.)	No. 200 (0.074 mm.)				
	In.		*In.*								*In./hr.*	*In./in. of soil*	*pH*	
Albany: AbB, AbD	15–40	None	0–52	Sand	SP, SP-SM	A–3, A–2–4	100	95–100	90–100	3–12	6. 0–20. 0	<0. 05	4. 5–5. 5	Low.
			52–85	Sandy clay loam	SC	A–2–6	100	95–100	85–99	15–35	0. 63–2. 0	0. 10–0. 15	4. 5–5. 5	Low to moderate.
*Anclote: Ac, Am For Myakka part of Am, see Myakka series.	0–10	Every year for more than 6 months.	0–46	Fine sand	SP–SM	A–3, A–2–4	100	100	70–100	5–12	6. 3–20. 0	0. 10–0. 15	6. 1–8. 4	Low.
			46–82	Loamy fine sand	SM, SM–SC	A–2–4, A–4	100	100	70–100	25–40	6. 3–20. 0	0. 10–0. 15	6. 1–8. 4	Low.
Apopka: ApB, ApD	>84	None	0–55	Sand	SP, SP–SM	A–3, A–2–4	100	100	80–95	3–12	6. 3–20. 0	<0. 05	4. 5–6. 0	Low.
			55–84	Sandy clay loam	SC, SM	A–2–6, A–2–4, A–4	95–100	90–100	60–90	20–40	0. 63–6. 3	0. 13–0. 17	4. 5–6. 0	Low to moderate.
Astatula: AsB, AtB, AtD, AtF	>120	None	0–86	Sand	SP, SP–SM	A–3	100	100	90–99	2–7	>20. 0	0. 02–0. 05	4. 5–6. 0	Low.
Brighton: Br	0	Flooded most of year.	0–63	Peat	Pt	Organic					6. 3–20. 0	0. 45–0. 50	<4. 5–5. 0	High.
			63–75	Coarse sand	SP, SP–SM	A–3, A–2–4	100	90–95	25–50	2–12	6. 3–20. 0	<0. 05	<4. 5–5. 0	Low.
Cassia: Ca	10–40	None	0–25	Sand	SP, SP–SM	A–3	100	100	95–100	1–7	>20. 0	0. 02–0. 05	4. 5–6. 0	Low.
			25–37	Sand	SM, SP–SM	A–2–4, A–3	100	100	70–100	5–20	2. 0–6. 3	0. 10–0. 15	4. 5–6. 0	Low.
			37–80	Sand	SP, SP–SM	A–3	100	100	95–100	2–10	6. 3–20. 0	0. 02–0. 05	4. 5–6. 0	Low.
Emeralda: Em	0	Every year for more than 6 months.	0–11	Fine sand	SP–SM, SM	A–2, A–3	100	100	90–99	10–25	6. 3–20. 0	0. 10–0. 15	5. 1–6. 5	Low.
			11–66	Sandy clay	CH, SC	A–6, A–7	100	100	90–99	45–80	0. 06–0. 20	0. 15–0. 20	6. 1–8. 4	High.
Eureka: Eu	0–10	Every year for 1 to 2 months.	0–8	Loamy fine sand	SM	A–2–4	100	100	90–99	13–25	6. 3–20. 0	0. 05–0. 10	4. 5–5. 5	Low.
			8–90	Heavy sandy clay and clay.	CH	A–7	100	100	90–99	51–80	<0. 06	0. 15–0. 20	4. 5–5. 5	High.
Felda: Fd	0–10	Every year for more than 6 months.	0–25	Fine sand	SP	A–3	100	100	90–99	2–5	6. 3–20. 0	0. 02–0. 05	5. 1–6. 5	Low.
			25–38	Fine sandy loam	SM–SC, SC	A–2–4, A–2–6	100	100	90–99	23–35	0. 63–2. 0	0. 10–0. 15	6. 6–7. 8	Moderate.
			38–56	Sandy clay loam	SC	A–4, A–6	100	95–100	85–99	36–50	2. 0–6. 3	0. 10–0. 15	6. 6–7. 8	Moderate.
			56–60	Clay	CH	A–7	90–100	85–90	70–90	51–80	0. 06–0. 20	0. 10–0. 15	7. 4–8. 4	High.
Fellowship: Fe	0	Every year for more than 6 months.	0–6	Fine sandy loam	SM–SC, SM	A–4, A–2–4	100	100	90–100	25–40	0. 63–2. 0	0. 15–0. 20	4. 5–5. 5	Low.
			6–62	Sandy clay loam to clay.	CH	A–7–6	100	95–100	90–100	51–80	<0. 06	0. 10–0. 15	4. 5–8. 4	High.
Fill land, loamy materials: Fm. No valid estimates can be made.														
*Iberia: Ib, Im For Manatee part of Im, see Manatee series.	0	Every year for more than 6 months.	0–54	Sandy clay	CH	A–7–6	100	100	90–100	51–80	<0. 06	0. 10–0. 15	5. 6–8. 4	High.
			54–60	Marl and sandy clay.	CH, SC	A–7–6, A–6	100	100	80–100	36–70	<0. 06	0. 10–0. 15	7. 4–8. 4	High.
Immokalee: Is	0–10	Every year for a few days.	0–38	Sand	SP, SP–SM	A–3	100	100	80–100	2–10	6. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
			38–56	Sand	SP–SM, SM	A–2–4, A–3	100	100	80–100	5–20	0. 63–2. 0	0. 10–0. 15	4. 5–5. 5	Low.
			56–68	Sand	SP, SP–SM	A–3	100	100	80–100	2–10	6. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Lake: LaB, LaD, LaE	>120	None	0–98	Sand	SP, SP–SM	A–3, A–2–4	100	100	85–99	3–12	>20. 0	0. 03–0. 05	4. 5–5. 5	Low.
Lucy: LuB, LuC	>120	None	0–32	Sand	SP, SP–SM	A–3, A–2–4	100	100	85–99	3–12	6. 3–20. 0	0. 05–0. 10	4. 5–6. 0	Low.
			32–75	Sandy clay loam	SC	A–2–6, A–7	100	100	65–100	20–45	0. 63–2. 0	0. 10–0. 15	4. 5–6. 0	Low.
Manatee: Ma	0	Every year for more than 6 months.	0–10	Fine sand	SP, SP–SM	A–3, A–2–4	100	100	90–100	3–12	2. 0–6. 3	0. 10–0. 15	6. 1–7. 3	Low.
			10–60	Loamy fine sand to fine sandy loam.	SM, SM–SC	A–2–4, A–4	100	100	90–100	25–40	0. 63–2. 0	0. 15–0. 20	6. 1–7. 8	Moderate.
Montverde: Md	0	Every year for more than 6 months.	0–11	Muck	Pt	Organic					2. 0–6. 3	0. 20–0. 25	5. 6–8. 4	High.
			11–80	Peat	Pt	Organic					6. 3–20. 0	0. 45–0. 50	5. 6–8. 4	High.

TABLE 8.—*Estimated soil properties significant in engineering*—Continued

Soil series and map symbols	Depth to seasonally high water table [1]	Flood hazard [2]	Depth from surface	Classification			Percentage less than 3 inches passing sieve [3]—				Permeability	Available water capacity	Reaction	Shrink-swell potential [4]
				USDA	Unified	AASHO	No. 4 (4.7 mm.)	No. 10 (2.0 mm.)	No. 40 (0.42 mm.)	No. 200 (0.074 mm.)				
	In.		*In.*								*In./hr.*	*In./in. of soil*	*pH*	
*Myakka: Mk, MpC	0–10	Every year for a few days.	0–20	Sand	SP, SP-SM	A-3	100	100	80–100	2–10	6. 3–20. 0	0. 02–0. 05	4. 5–6. 5	Low.
			20–56	Sand	SP–SM, SM	A–2–4, A–3	100	100	80–100	5–20	0. 63–2. 0	0. 10–0. 15	4. 5–6. 5	Low.
			56–85	Sand	SP, SP–SM	A–3	100	100	80–100	2–10	0. 63–20. 0	0. 02–0. 05	4. 5–6. 5	Low.
Ocilla: Oc	40–60	None	0–33	Sand	SP, SP–SM	A–3, A–2–4	100	95–100	95–100	3–12	6. 3–20. 0	0. 02–0. 05	4. 5–6. 5	Low.
			33–82	Sandy clay loam to sandy loam.	SC	A–2–6, A–6	100	95–100	95–100	25–40	0. 63–2. 0	0. 10–0. 15	4. 5–5. 5	Moderate.
Ocoee: Oe	0	Every year for more than 6 months.	0–38	Peat	Pt	Organic					6. 3–20. 0	0. 20–0. 30	4. 0–5. 5	High.
			38–75	Sand	SP, SP–SM	A–2–4, A–3	100	90–100	90–100	3–12	>20. 0	0. 02–0. 05	4. 0–5. 5	Low.
Oklawaha: Oh	0	Every year for about 12 months.	0–9	Muck	Pt	Organic					2. 0–6. 3	0. 20–0. 30	5. 6–8. 4	High.
			9–25	Peat	Pt	Organic					6. 3–20. 0	0. 25–0. 40	5. 6–8. 4	High.
			25–31	Sandy loam	SM–SC	A–2–4, A–4				25–40	6. 3–20. 0	0. 10–0. 15	5. 6–8. 4	Low to moderate.
			31–54	Sandy clay to clay	CH	A–7–6				51–80	<0. 06	0. 15–0. 18	5. 6–8. 4	High.
Ona: On	0–10	Every year for a few days.	0–6	Fine sand	SP, SP–SM	A–3, A–2–4	100	100	90–100	3–12	6. 3–20. 0	0. 10–0. 15	4. 0–5. 5	Low.
			6–18	Fine sand	SP–SM	A–2–4, A–3	100	100	90–100	5–12	2. 0–6. 3	0. 10–0. 15	4. 0–5. 5	Low.
			18–82	Fine sand	SP–SM	A–3, A–2–4	100	100	90–100	5–12	6. 3–20. 0	0. 02–0. 05	4. 0–5. 5	Low.
Orlando: Or	>80	None	0–30	Fine sand	SP–SM	A–2–4, A–3	100	100	90–100	5–12	6. 3–20. 0	0. 10–0. 15	4. 5–6. 5	Low.
			30–80	Fine sand	SP–SM	A–2, A–3	100	95–100	90–100	5–12	6. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Paola: PaB, PaD	>80	None	0–90	Sand	SP	A–3	100	100	90–100	1–4	>20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Pelham: Pd	0–10	Every year for a few days.	0–32	Sand	SP, SP–SM	A–3, A–2–4	100	100	90–100	2–12	6. 3–20. 0	0. 02–0. 05	4. 5–6. 5	Low.
			32–80	Sandy clay loam	SC	A–2–4	100	100	90–100	15–35	0. 63–20. 0	0. 10–0. 15	4. 5–5. 5	Moderate.
*Placid: PmA, Pe	0	Every year for about 12 months.	0–80	Sand	SP, SP–SM	A–2–4, A–3	100	100	90–100	3–12	6. 3–20. 0	0. 10–0. 15	4. 0–5. 5	Low.
For Myakka part of PmA, see Myakka series.														
Pg	0–10	Every year for a few days.	0–19	Sand	SP–SM, SP	A–2–4, A–3	100	100	90–100	3–12	6. 3–20. 0	0. 10–0. 15	4. 0–5. 5	Low.
			19–80	Sand	SP, SP–SM	A–2–4, A–3	100	100	90–100	3–12	6. 3–20. 0	0. 05–0. 10	4. 0–5. 5	Low.
Pomello: Pn	30–40	None	0–39	Sand	SP, SP–SM	A–3	100	100	75–100	1–8	>20. 0	0. 02–0. 05	4. 5–5. 5	Low.
			39–55	Sand	SM, SP–SM	A–2–4, A–3	100	100	85–100	5–20	2. 0–6. 3	0. 10–0. 15	4. 5–5. 5	Low.
			55–80	Sand	SP, SP–SM	A–3	100	100	75–100	4–10	>20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Pompano: Po	0–10	Every year for a few days.	0–80	Sand	SP, SP–SM	A–3, A–2–4	100	100	80–95	4–12	6. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
St. Lucie: Sc	>80	None	0–80	Sand	SP	A–3	100	100	95–99	1–4	>20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Swamp: Sw. No valid estimates can be made.														
Tavares: Ta, Te	40–60	None	0–99	Sand	SP, SP–SM	A–3	100	100	95–100	2–7	>20. 0	0. 02–0. 05	4. 5–5. 5	Low.
Vaucluse: Va	>60	None	0–15	Sand	SP, SP–SM	A–3, A–2–4	100	100	70–100	3–12	6. 3–20. 0	0. 05–0. 10	4. 5–6. 5	Low.
			15–70	Sandy clay loam	SC	A–2–6, A–6, A–7	100	100	85–100	20–40	0. 20–0. 63	0. 10–0. 15	4. 5–6. 5	Low to moderate.

See footnotes at end of table.

See footnotes at end of table.

TABLE 8.—*Estimated soil properties significant in engineering*

Soil series and map symbols	Depth to seasonally high water table [1]	Flood hazard [2]	Depth from surface	Classification			Percentage less than 3 inches passing sieve [3]—			Permeability	Available water capacity	Reaction	Shrink-swell potential [4]
				USDA	Unified	AASHO	No. 4 (4.7 mm.)	No. 10 (2.0 mm.)	No. 40 (0.42 mm.)				
	In.		*In.*							*In./hr.*	*In./in. of soil*	*pH*	
Wabasso: Wa	0–10	Every year for a few days.	0–18	Sand	SP, SP–SM	A–3	100	100	95–100	2–10	0. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
			18–28	Sand	SP–SM, SM	A–2–4, A–3	100	100	95–100	5–20	0. 63–2. 0	0. 10–0 15	5. 1–7. 3	Moderate.
			28–68	Sandy clay loam	SC	A–4, A–6, A–2–4, A–2–6	100	100	95–100	20–40	0. 63–2. 0	0. 10–0. 15	5. 6–8. 4	Moderate.
Wauchula: Wc	0–10	Every year for a few days.	0–22	Sand	SP, SP–SM	A–3, A–2–4	100	100	90–100	2–12	6. 3–20. 0	0. 02–0. 05	4. 5–5. 5	Low.
			22–38	Sand	SP–SM	A–2–4, A–3	100	100	90–100	5–12	0. 63–2. 0	0. 10–0. 15	4. 5–5. 5	Low.
			38–80	Sandy loam to sandy clay loam.	SC	A–2–6, A–6	100	95–100	85–100	20–40	0. 63–2. 0	0. 10–0. 15	4. 5–5. 5	Moderate.

[1] Level expected at some period during the normal wet season.
[2] Water standing or flowing above the surface of the soil under natural conditions without artificial drainage.
[3] The estimated percentage coarse fraction greater than 3 inches is 0 in all soils but Felda fine sand. This soil has an estimated 5 percent coarse fraction greater than 3 inches at depths of 38 to 56 inches.
[4] The mucks and peats have a high potential subsidence rate.

TABLE 9.—*Engineering interpretations*

[An asterisk in the first column indicates that at least one mapping unit in this series is made up of two or more kinds of soil. The soils in for referring to other series that such mapping units may have different properties and limitations, and for this reason it is necessary to follow carefully the instructions appear in the first column of this table]

Soil series and map symbols	Suitability as source for—		Soil features adversely affecting—	Soil features adversely affecting—Continued				
	Topsoil	Road fill	Sanitary land fill [1]	Excavated ponds	Drainage	Sprinkler irrigation	Subsurface irrigation	Ditches and canals
Albany: AbB, AbD	Poor: sand texture	Good: high water table	High water table	Rapid permeability; seasonal low water table; loose sands; unstable side slopes.	Loose erodible sands	Very low available water capacity in surface and subsurface layers.	Rapid permeability; depth to water table.	Loose erodible sands; unstable side slopes.
*Anclote: Ac, Am For Myakka part of Am, refer to Myakka series.	Poor: sand texture	Poor: high water table	High water table	Loose sands; unstable side slopes.	Loose sand; some areas have no outlets.	Flooding	Flooding	Loose erodible sands; unstable side slopes.
Apopka: ApB, ApD	Poor: sand texture	Good	None	Depth to water table	Well drained	Very low available water capacity.	Rapid permeability in upper layers; depth to water table.	Loose erodible sands; unstable side slopes.
Astatula: AsB, AtB	Poor: sand texture	Good	None	Very rapid permeability; depth to water table.	Excessively drained	Very low available water capacity.	Very rapid permeability; depth to water table.	Loose erodible sands; unstable side slopes.
AtD	Poor: sand texture	Good	None	Very rapid permeability; depth to water table.	Excessively drained	Very low available water capacity; slope.	Very rapid permeability; depth to water table; slope.	Slope; loose erodible sands; unstable side slopes.
AtF	Poor: sand texture	Good	None	Very rapid permeability; depth to water table.	Excessively drained	Very low available water capacity.	Very rapid permeability; depth to water table.	Slope; loose erodible sands; unstable side slopes.
Brighton: Br	Poor: high water table	Very poor: traffic-supporting capacity; high water table.	High water table; flooding	Flooding	Inadequate outlets; rapid oxidation.	High water table; flooding.	Flooding	High organic-matter content.

See footnotes at end of table.