South Florida Water Management Report

For

Puffin Road Commercial

Osceola County, Florida
August 2025

Prepared by:
Hanson, Walter & Associates, Inc.
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(407) 847-9433

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Robert L Newberry 2025.11.06 16:08:54 -05'00'

Robbie Newberry, P.E.
FL Registration No. 73104
Date:

*Elevations in this report are based on NAVD' 88 Datum

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Section 3

Project Summary

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HANSON, WALTER & ASSOCIATES, INC.
PROFESSIONAL ENGINEERING, SURVEYING & PLANNING

August 28, 2025

Puffin Road Commercial (Previously called Hathaway)
SFWMD Permit No. 49-108320-P (Original Application No. 220917-35991)
Issued: June 12, 2023
HWA Project #5450-05
SFWMD Permit Modification
Previously Permitted Area: ± 25.81 acres.
Proposed Project Area: ± 41.71 acres.

Existing Permits:
The pre-development drainage calculations based on permit no. **49-109840-P** "Lillian Lee Rd Improvements". And its modification respect to application no. **250709-54786** "Harvest Grove".

Existing Site:
The existing permit for this site was issued on June 12, 2023. According to the original permit, the site was previously designed for an assumed percent impervious coverage of **45.64%**, water management coverage of **9.84%** and pervious coverage of **44.52%**. All water quality treatment and attenuation was provided within the proposed surface water pond. The allowable discharge rate depending on upper pre-development conditions at CR-15 OUTFALL is **68.67 cfs** in the 25yr72hr storm event. Although the site permit was completed with all local and state agencies, it was never constructed.

Proposed Site:
We are requesting an individual modification to the above-mentioned permit. More specifically, we are proposing to add a new parcel with an area of **15.42 acres** (parcel id: 05-26-31-0105-0001-0020) and changing the future land use of the combined parcels to commercial.

The proposed will be a retail commercial project known as Puffin Road Commercial consisting of nine commercial lots that will be mass graded for future development with offsite operation improvements and utility connections. The proposed project will discharge to Pond A1 and A2 (Dry Portion) which overflows to Pond A (Wet Portion). The proposed site will be permitted to have a maximum of 80% impervious coverage. The proposed minimum finish floor elevation will be **75.52-ft**. In addition, the proposed internal minimum roadway grade will be **75.05-ft**. Please refer to the enclosed construction plans, updated basin map and the summary tables below for updated land use tabulation for the site.

Potable water, sewer and reuse water will be provided to the site by Toho Water Authority. A copy of utility availability letter has been attached within the drainage report.

The project area is located within Zone "X", indicated on the National Flood Insurance Rate Map, No. 12097C0280G. Please refer to the enclosed FEMA Flood exhibit in the appendix.

Summary Table 1: (Puffin Road Commercial) Site Specific Land Use Breakdown

	Proposed Improvements	Land Use %
Impervious	28.60 ac	68.57%
Pervious	13.11 ac	31.43%
TOTAL	**41.71 ac**	**100%**

Summary Table 2a: Project Proposed Basins (Discharges to Pond A)

	Pond A Basin	Pond A1 Basin	Pond A2 Basin	Lot 1	Lot 1A	Lot 2	Lot 3	Lot 4	Lot 5	Lot 6	Lot 7	Lot 8	Lot 9	Puffin Road	Total Proposed Basins
Building	0.00 ac	0.00 ac	0.00 ac	4.14 ac	0.00 ac	0.18 ac	0.05 ac	0.07 ac	0.06 ac	0.12 ac	0.02 ac	0.07 ac	0.93 ac	0.00 ac	5.64 ac
Pavement /Sidewalk	0.27 ac	0.18 ac	0.33 ac	7.68 ac	2.43 ac	1.27 ac	0.71 ac	0.64 ac	0.57 ac	1.41 ac	0.61 ac	0.65 ac	2.31 ac	1.36 ac	20.42 ac
Pervious	1.09 ac	2.01 ac	3.71 ac	3.14 ac	0.29 ac	0.36 ac	0.19 ac	0.19 ac	0.18 ac	0.38 ac	0.16 ac	0.18 ac	0.81 ac	0.41 ac	13.10 ac
Wet Pond	2.55 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	0.00 ac	2.55 ac
TOTAL	**3.91 ac**	**2.19 ac**	**4.04 ac**	**14.96 ac**	**2.72 ac**	**1.81 ac**	**0.95 ac**	**0.90 ac**	**0.81 ac**	**1.91 ac**	**0.79 ac**	**0.90 ac**	**4.05 ac**	**1.77 ac**	**41.71 ac**

Summary Table 2b: Project (Permitted/Proposed (Discharges to Pond A)

	Total Previously Permitted Land Use (Site Basin) App# 220917-35991	Proposed Modification (Lots 1 to 9, Pond A, A1, A2 and Puffin Road Basins)	Total Land Used	Previously Permitted CN App# 220917-35991	Proposed CN
Building	2.77 ac	***+2.87 ac***	5.64 ac	**72**	**80**
Pavement /Sidewalk	9.01 ac	***+11.41 ac***	20.42 ac		
Pervious	11.49 ac	***+1.61 ac***	13.10 ac		
Wet Pond	2.54 ac	***+0.01 ac***	2.55 ac		
TOTAL	**25.81 ac**	***+15.90 ac***	**41.71 ac**	**-**	**-**

Summary Table 3: Pond A Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No 220917-35991) (ft, NAVD 88)
10 Yr/24 Hr	6.0	74.35	74.20
10 Yr/72 Hr	8.0	74.85	75.06
100 Yr /72 Hr	12.0	75.52	75.90

Pond A: TOB = 76.10-ft; CWL = 72.00-ft

Summary Table 3: Pond A1(Dry) Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No 220917-35991) (ft, NAVD 88)
10 Yr/24 Hr	6.0	75.05	74.20
10 Yr/72 Hr	8.0	75.06	75.06
100 Yr /72 Hr	12.0	75.52	75.90

Pond A: TOB = 75.00-ft; BTM = 72.00-ft

Summary Table 3: Pond A2(Dry) Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No 220917-35991) (ft, NAVD 88)
10 Yr/24 Hr	6.0	75.04	74.20
10 Yr/72 Hr	8.0	75.06	75.06
100 Yr /72 Hr	12.0	75.52	75.90

Pond A: TOB = 76.10-ft; CWL = 72.00-ft

Summary Table 4: ASHTON PARK Pond Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No 011030-20) (ft, NAVD 88)
10 Yr/24 Hr	6.0	72.48	72.44
10 Yr/72 Hr	8.0	73.09	73.58
100 Yr /72 Hr	12.0	74.08	74.13

Pond A: TOB = 74.00-ft; CWL = 71.06-ft

Summary Table 5: Lillian Lee Estates Pond Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. 190128-1139) (ft, NAVD 88)
10 Yr/24 Hr	6.0	71.67	71.73
10 Yr/72 Hr	8.0	72.64	72.72
100 Yr /72 Hr	12.0	73.95	73.95

Pond A: TOB = 74.00-ft; CWL = 69.50-ft

Summary Table 6: Lancaster Park West POND 10 Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No. 141106-9) (ft, NAVD 88)
10 Yr/24 Hr	6.0	71.98	72.01
10 Yr/72 Hr	8.0	72.53	72.61
100 Yr /72 Hr	12.0	73.94	73.84

Pond A: TOB = 74.00-ft; CWL = 70.50-ft

Summary Table 7: Lancaster Park West POND 11 Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No. 141106-9) (ft, NAVD 88)
10 Yr/24 Hr	6.0	72.95	72.96
10 Yr/72 Hr	8.0	73.73	73.81
100 Yr /72 Hr	12.0	74.76	74.81

Pond A: TOB = 75.50-ft; CWL = 71.50-ft

Summary Table 8:Lakeside at Satilla POND 1 NORTH Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No. 230405-38204) (ft, NAVD 88)
10 Yr/24 Hr	6.0	68.29	68.26
10 Yr/72 Hr	8.0	68.73	68.74
100 Yr /72 Hr	12.0	70.03	70.03

Pond A: TOB = 71.00-ft; CWL = 66.50-ft

Summary Table 9: Lakeside at Satilla POND 2 SOUTH Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No. 230405-38204) (ft, NAVD 88)
10 Yr/24 Hr	6.0	69.84	69.82
10 Yr/72 Hr	8.0	70.24	70.27
100 Yr /72 Hr	12.0	71.65	71.64

Pond A: TOB = 72.50-ft; CWL = 72.00-ft

Summary Table 10: COUNTY NARCOOSSEE POND 3 Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Permitted (App. No. 081212-18) (ft, NAVD 88)
10 Yr/24 Hr	6.0	66.52	66.53
10 Yr/72 Hr	8.0	67.03	66.95
100 Yr /72 Hr	12.0	68.29	67.97

Pond A: TOB = 68.00-ft; CWL = 64.6-ft

Summary Table 11: HARVEST GROVE POND Stages (Blue Represents change from previous permit)

Storm Event	Rainfall Amount (inch)	Pond A Peak Stage (Proposed) (ft, NAVD 88)	Under permission (App. No. 250709-54786) (ft, NAVD 88)
10 Yr/24 Hr	6.0	**71.09**	71.09
10 Yr/72 Hr	8.0	**71.78**	71.78
100 Yr /72 Hr	12.0	**73.15**	72.96

Pond A: TOB = 73.00-ft; CWL = 68.00-ft

Summary Table 4: Discharge Rate per 25 Year – 72 Hour Design Storm

Tail Water	Pre Development Discharge Rate [(1)] (cfs)	Post Development Discharge Rate (cfs)
CR15 OUTFALL (TW)	68.67	68.67

Summary Table 5: Pond A Control Structure (CS-A)

Proposed Pond	Control Elevation	Top of Bank	Pond Area
Pond A	72.00-ft	76.10-ft	2.55-ac

Control Structure Summary – **CS-A (Type-E Inlet)**

	Dimension	Elevation
Orifice (circular)	6” Diameter	72.00-ft
Weir	6.6” H x 50.40” W	74.10-ft
Grate	54”H x 36” W	74.65-ft

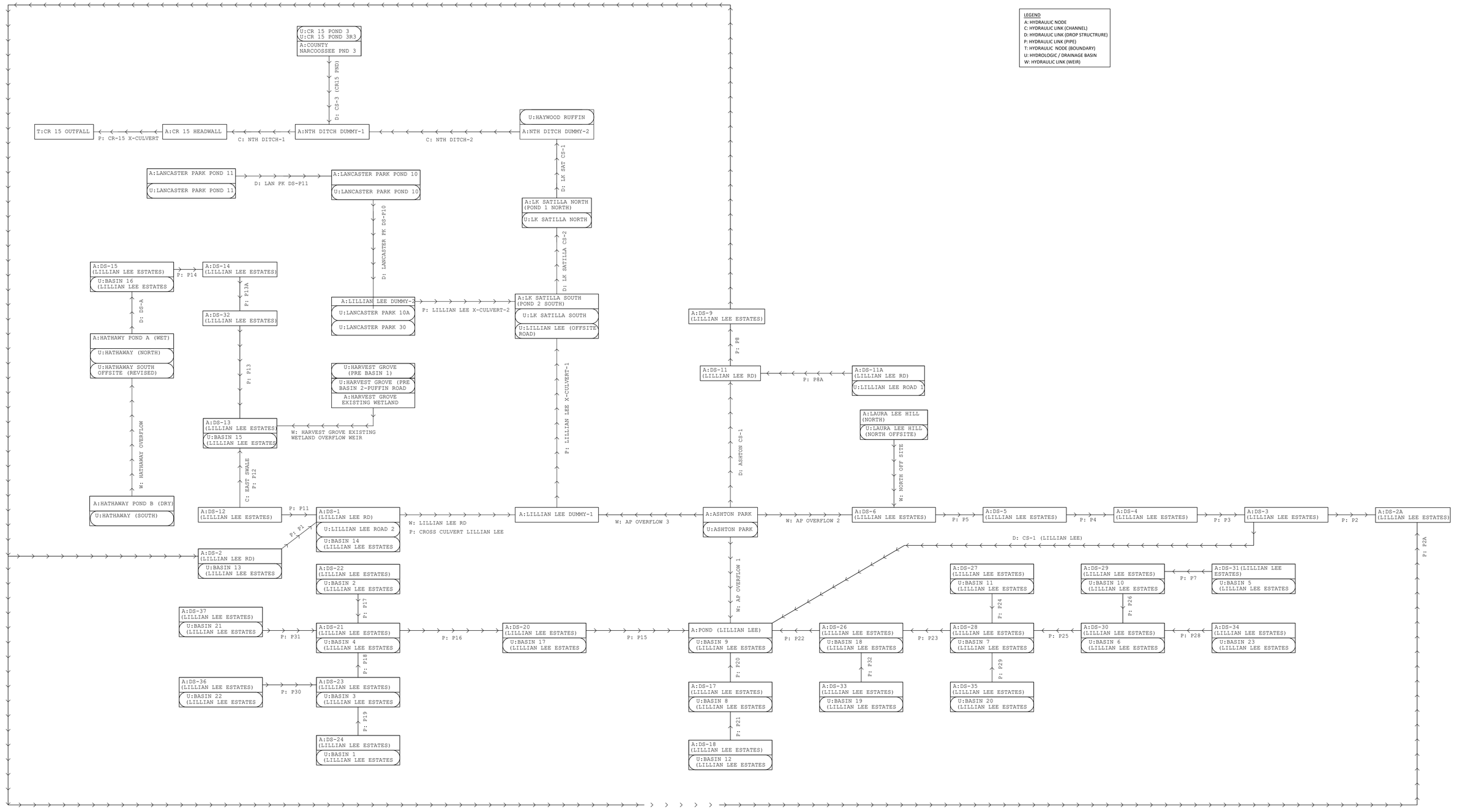
Puffin Road Commercial

Osceola County, Florida

Section 4

Pre-Development Drainage Map & Calculations

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LEGEND
A: HYDRAULIC NODE
C: HYDRAULIC LINK (CHANNEL)
D: HYDRAULIC LINK (DROP STRUCTRURE)
P: HYDRAULIC LINK (PIPE)
T: HYDRAULIC NODE (BOUNDARY)
U: HYDROLOGIC / DRAINAGE BASIN
W: HYDRAULIC LINK (WEIR)

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DRAWN JV	PAGE –	TWP. 26 S						JOB NO. 5450-05
CHECKED CZ	SCALE AS SHOWN	RANGE 31 E						
CAD# (see stamp)	DATE 10/23/25	DATE	BY	REVISIONS				

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GRAPHIC SCALE

250 0 125 250 500

(IN FEET)
1 inch = 250 ft.

NOTE
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988

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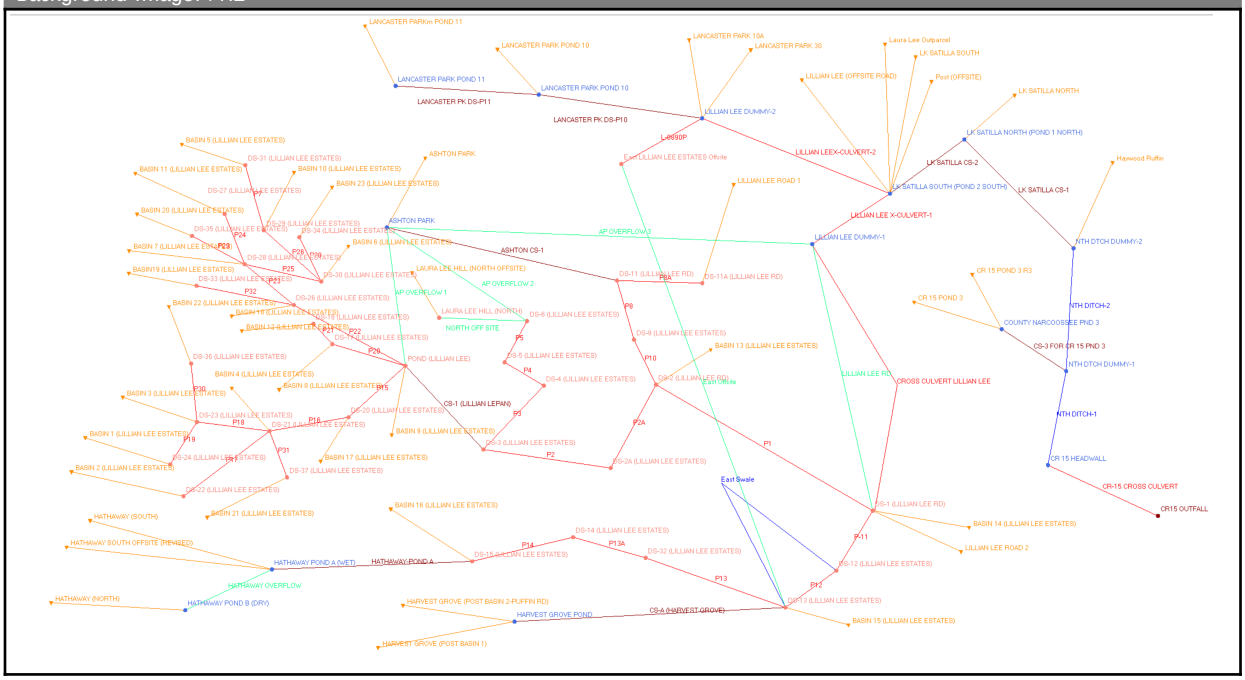
PUFFIN ROAD COMMERCIAL

PRE-DEVELOPMENT BASIN MAP

SHEET Nº 01 of 01
JOB Nº 5450-05

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Background Image: PRE



Simple Basin: ASHTON PARK

Scenario:	pre development
Node:	ASHTON PARK
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	39.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	47.5600 ac
Curve Number:	44.9
% Impervious:	26.50
% DCIA:	26.50
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 1 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-24 (LILLIAN LEE ESTATES)

Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.7600 ac
Curve Number:	77.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 10 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-29 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7100 ac
Curve Number:	84.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 11 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-27 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0

Area:	0.7100 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 12 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-18 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.0800 ac
Curve Number:	80.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 13 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-2 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0700 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 14 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-1 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0700 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 15 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-13 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	28.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7400 ac
Curve Number:	60.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 16 (LILLIAN LEE ESTATES)

Scenario:	pre development

Node:	DS-15 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	23.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3800 ac
Curve Number:	62.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 17 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-20 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4100 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 18 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-26 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256

Peaking Factor:	256.0
Area:	0.4700 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 2 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-22 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.2600 ac
Curve Number:	80.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 20 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-35 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2600 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 21 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-37 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3400 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 22 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-36 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3400 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 23 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-34 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2600 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 3 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-23 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8400 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 4 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-21 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr

Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8500 ac
Curve Number:	84.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 5 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-31 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9100 ac
Curve Number:	81.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 6 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-30 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9300 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00

Rainfall Name: Sfwmd72

Comment:

Simple Basin: BASIN 7 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-28 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.1900 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 8 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-17 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5900 ac
Curve Number:	87.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 9 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	POND (LILLIAN LEE)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.6400 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN19 (LILLIAN LEE ESTATES)

Scenario:	pre development
Node:	DS-33 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5600 ac
Curve Number:	81.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: CR 15 POND 3

Scenario:	pre development
Node:	COUNTY NARCOOSSEE PND 3
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	3.0800 ac
Curve Number:	87.3
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: CR 15 POND 3 R3

Scenario:	pre development
Node:	COUNTY NARCOOSSEE PND 3
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	17.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	8.4600 ac
Curve Number:	91.4
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HARVEST GROVE (POST BASIN 1)

Scenario:	pre development
Node:	HARVEST GROVE POND
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	17.0700 ac
Curve Number:	90.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HARVEST GROVE (POST BASIN 2-PUFFIN RD)

Scenario:	pre development
Node:	HARVEST GROVE POND
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.4300 ac
Curve Number:	93.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HATHAWAY (NORTH)

Scenario:	pre development
Node:	HATHAWAY POND B (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	9.2000 ac
Curve Number:	65.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HATHAWAY (SOUTH)

Scenario:	pre development
Node:	HATHAWAY POND A (WET)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	16.6100 ac
Curve Number:	74.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: SOUTH OFFSITE

Simple Basin: HATHAWAY SOUTH OFFSITE (REVISED)

Scenario:	pre development
Node:	HATHAWAY POND A (WET)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	37.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	15.6300 ac
Curve Number:	39.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Haywood Ruffin

Scenario:	pre development
Node:	NTH DTCH DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	175.0000 min
Max Allowable Q:	0.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	28.1200 ac
Curve Number:	62.5
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LANCASTER PARK 10A

Scenario:	pre development
Node:	LILLIAN LEE DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.9900 ac
Curve Number:	63.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: LANCASTER PARK TW-1

Simple Basin: LANCASTER PARK 30

Scenario:	pre development
Node:	LILLIAN LEE DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6600 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: LANCASTER PARK TW-3

Simple Basin: LANCASTER PARK POND 10

Scenario:	pre development
Node:	LANCASTER PARK POND 10
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	29.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	24.3400 ac
Curve Number:	71.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LANCASTER PARKm POND 11

Scenario:	pre development
Node:	LANCASTER PARK POND 11
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	31.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	29.7500 ac
Curve Number:	73.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LAURA LEE HILL (NORTH OFFSITE)

Scenario:	pre development
Node:	LAURA LEE HILL (NORTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	24.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.4600 ac
Curve Number:	72.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE (OFFSITE ROAD)

Scenario:	pre development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	5.3900 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE ROAD 1

Scenario:	pre development
Node:	DS-11A (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3800 ac
Curve Number:	93.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE ROAD 2

Scenario:	pre development
Node:	DS-1 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.1100 ac
Curve Number:	96.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LK SATILLA NORTH

Scenario:	pre development
Node:	LK SATILLA NORTH (POND 1 NORTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	53.1100 ac
Curve Number:	70.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LK SATILLA SOUTH

Scenario:	pre development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	48.9600 ac
Curve Number:	69.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Laura Lee Outparcel

Scenario:	pre development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	43.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.1900 ac
Curve Number:	38.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Post (OFFSITE)

Scenario:	pre development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	4.1900 ac
Curve Number:	89.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: Lillian Lee Road

Node: ASHTON PARK

Scenario:	pre development
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	71.06 ft
Warning Stage:	74.50 ft

Stage [ft]	Area [ac]	Area [ft2]
71.06	3.0620	133381
72.00	3.2510	141614
73.00	3.4460	150108
74.00	3.6460	158820

Comment: CONVERTED

Node: COUNTY NARCOOSSEE PND 3

Scenario:	pre development
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	64.60 ft
Warning Stage:	68.00 ft

Stage [ft]	Area [ac]	Area [ft2]
53.00	0.9800	42689
62.60	1.6900	73616
64.60	1.9500	84942

Stage [ft]	Area [ac]	Area [ft2]
65.50	2.0700	90169
66.00	2.1400	93218
66.50	2.2100	96268
67.00	2.2800	99317
68.00	2.6600	115870

Comment:

Node: CR 15 HEADWALL

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.75 ft
Warning Stage: 66.48 ft

Comment:

Node: CR15 OUTFALL

Scenario: pre development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 62.94 ft
Warning Stage: 66.48 ft
Boundary Stage: cr15 outfall

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	62.94
0	0	0	24.0000	63.94
0	0	0	72.0000	66.48

Comment:

Node: DS-1 (LILLIAN LEE RD)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.50 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.50	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-11 (LILLIAN LEE RD)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.12 ft
Warning Stage: 70.90 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.12	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-11A (LILLIAN LEE RD)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.00 ft
Warning Stage: 71.02 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.00	0.00	44
71.02	0.00	87
71.02	0.00	87

Comment: CONVERTED

Node: DS-12 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.58 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.58	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-13 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.76 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.76	0.00	0
72.00	0.00	44
72.00	0.00	44

Comment: CONVERTED

Node: DS-14 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.39 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.39	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-15 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.69 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.69	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-17 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.70 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.70	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-18 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.83 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.83	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-2 (LILLIAN LEE RD)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.64 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.64	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-20 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 62.76 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
62.76	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-21 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.14 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.14	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-22 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.52 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.52	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-23 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.80 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.80	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-24 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.18 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.18	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-26 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 65.60 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
65.60	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-27 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.45 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.45	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-28 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 66.92 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
66.92	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-29 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.32 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.32	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-2A (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.66 ft
Warning Stage: 73.50 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.66	0.00	44
73.50	0.00	87
73.50	0.00	87

Comment: CONVERTED

Node: DS-3 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.95 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.95	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-30 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.58 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.58	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-31 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.70 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.70	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-32 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 65.56 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
65.56	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-33 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 66.85 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
66.85	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-34 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.36 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.36	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-35 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.69 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.69	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-36 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.65 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.65	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-37 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.17 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.17	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-4 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.36 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.36	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-5 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.66 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.66	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-6 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.70 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.70	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-9 (LILLIAN LEE ESTATES)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.74 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.74	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: East LILLIAN LEE ESTATES Offsite

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.20 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.20	0.00	0
70.00	1.81	79018
71.00	7.35	320297
72.00	17.96	782338

Comment: CONVERTED

Node: HARVEST GROVE POND

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 68.00 ft
Warning Stage: 72.00 ft

Stage [ft]	Area [ac]	Area [ft2]
68.00	1.1900	51836
69.00	1.3300	57935
70.00	1.4700	64033
71.00	1.6200	70567
72.00	1.7700	77101
73.00	1.9300	84071

Comment:

Node: HATHAWAY POND A (WET)

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 72.00 ft
Warning Stage: 76.10 ft

Stage [ft]	Area [ac]	Area [ft2]
72.00	2.0100	87556
73.00	2.1800	94961
74.00	2.3500	102366
75.00	3.3800	147233
76.10	3.7400	162914

Comment:

Node: HATHAWAY POND B (DRY)

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 73.00 ft
Warning Stage: 76.10 ft

Stage [ft]	Area [ac]	Area [ft2]
73.00	0.5300	23087
74.00	0.6900	30056

Comment:

Node: LANCASTER PARK POND 10

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 70.50 ft
Warning Stage: 74.00 ft

Stage [ft]	Area [ac]	Area [ft2]
70.50	3.2500	141570
71.50	3.4000	148104
72.50	3.5500	154638
73.50	3.7000	161172
74.00	4.0900	178160

Comment:

Node: LANCASTER PARK POND 11

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 71.50 ft
Warning Stage: 75.50 ft

Stage [ft]	Area [ac]	Area [ft2]
71.50	4.6600	202990
72.50	4.8800	212573
73.50	5.1000	222156
74.50	5.3400	232610
75.50	5.9200	257875

Comment:

Node: LANCASTER PARK TW-1

Scenario: pre development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft
Warning Stage: 71.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.50
0	0	0	24.0000	67.50
0	0	0	63.0000	68.50
0	0	0	72.0000	70.00

Comment:

Node: LANCASTER PARK TW-3

Scenario: pre development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 69.00 ft
Warning Stage: 71.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	69.00
0	0	0	12.0000	69.50
0	0	0	60.0000	70.00
0	0	0	100.0000	70.00

Comment:

Node: LAURA LEE HILL (NORTH)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 71.00 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
71.00	0.00	44
72.00	0.00	87
72.00	0.00	87

Comment: CONVERTED

Node: LILLIAN LEE DUMMY-1

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 63.00 ft
Warning Stage: 0.00 ft

Comment:

Node: LILLIAN LEE DUMMY-2

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft
Warning Stage: 0.00 ft

Comment:

Node: LK SATILLA NORTH (POND 1 NORTH)

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 66.70 ft
Warning Stage: 71.00 ft

Stage [ft]	Area [ac]	Area [ft2]
66.50	7.5400	328442
67.00	7.6600	333670
68.00	7.9000	344124
69.00	8.1400	354578
70.00	8.3900	365468
71.00	9.0000	392040

Comment:

Node: LK SATILLA SOUTH (POND 2 SOUTH)

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft

Warning Stage: 70.50 ft

Stage [ft]	Area [ac]	Area [ft2]
67.50	5.9300	258311
68.50	6.1200	266587
69.50	6.3000	274428
70.50	6.4900	282704
71.50	6.6800	290981
72.50	7.1600	311890

Comment:

Node: NTH DTCH DUMMY-1

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.50 ft
Warning Stage: 68.70 ft

Stage [ft]	Area [ac]	Area [ft2]
62.50	0.0300	1307
65.00	0.0800	3485
65.10	0.6600	28750
66.00	2.2000	95832

Comment:

Node: NTH DTCH DUMMY-2

Scenario: pre development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.50 ft
Warning Stage: 68.70 ft

Stage [ft]	Area [ac]	Area [ft2]
62.50	0.0300	1307
65.00	0.0800	3485
65.10	0.6600	28750
66.00	2.2000	95832
67.00	5.0000	217800

Comment:

Node: POND (LILLIAN LEE)

Scenario: pre development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.50 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.50	0.00	0
70.00	0.74	32278
70.50	1.52	65993
71.00	2.32	101146
71.50	3.16	137780
72.00	4.04	175852
72.50	4.95	215448
73.00	5.89	256525
74.00	8.00	348654

Comment: CONVERTED FROM NGVD TO NAVD SUBTRACT 1-FT
LILLIAN LEE PERMIT (SFWMD 49-100468-P/APPL 180201-300) WAS IN NGVD
PERMITTED CONTROL WAS 70.5 NGVD

CONVERTED

Weir Link: AP OVERFLOW 1

Scenario: pre development
From Node: ASHTON PARK
To Node: POND (LILLIAN LEE)
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Sharp Crested Vertical
Geometry Type: Rectangular
Invert: 74.00 ft
Control Elevation: 74.00 ft
Max Depth: 83.25 ft
Max Width: 160.00 ft
Fillet: 0.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:

Top Clip
Default: 0.00 ft
Op Table:
Ref Node:

Discharge Coefficients
Weir Default: 3.000
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment: CONVERTED

Weir Link: AP OVERFLOW 2

Scenario: pre development
From Node: ASHTON PARK
To Node: DS-6 (LILLIAN LEE ESTATES)
Link Count: 1

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:

Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	74.00 ft
Control Elevation:	74.00 ft
Max Depth:	83.25 ft
Max Width:	200.00 ft
Fillet:	0.00 ft

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment: CONVERTED

Weir Link: AP OVERFLOW 3

Scenario:	pre development
From Node:	ASHTON PARK
To Node:	LILLIAN LEE DUMMY-1
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	74.00 ft
Control Elevation:	74.00 ft
Max Depth:	83.25 ft
Max Width:	400.00 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment: CONVERTED

Drop Structure Link: ASHTON CS-1

Scenario:	pre development
From Node:	ASHTON PARK
To Node:	DS-11 (LILLIAN LEE RD)
Link Count:	1
Flow Direction:	Both
Solution:	Combine
Increments:	0
Pipe Count:	1
Damping:	0.0000 ft
Length:	85.00 ft
FHWA Code:	1
Entr Loss Coef:	0.50
Exit Loss Coef:	0.50
Bend Loss Coef:	0.00
Bend Location:	0.00 dec

Upstream Pipe	
Invert:	65.50 ft
Manning's N:	0.0120

Geometry: Circular	
Max Depth:	2.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Downstream Pipe	
Invert:	65.12 ft
Manning's N:	0.0120

Geometry: Circular	
Max Depth:	2.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Energy Switch: Energy

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	71.63 ft	Ref Node:	
Control Elevation:	71.63 ft	**Discharge Coefficients**	
Max Depth:	0.35 ft	Weir Default:	3.200
Max Width:	8.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	73.50 ft	Ref Node:	
Control Elevation:	73.50 ft	**Discharge Coefficients**	
Max Depth:	3.08 ft	Weir Default:	3.200
Max Width:	4.08 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Drop Structure Comment:

Pipe Link: CR-15 CROSS CULVERT		Upstream		Downstream	
Scenario:	pre development	Invert:	62.77 ft	Invert:	62.48 ft
From Node:	CR 15 HEADWALL	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	CR15 OUTFALL	**Geometry: Horizontal Ellipse**		**Geometry: Horizontal Ellipse**	
Link Count:	1	Max Depth:	2.83 ft	Max Depth:	2.83 ft
Flow Direction:	Both	**Bottom Clip**			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	98.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.50	Manning's N:	0.0000	Manning's N:	0.0000

Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: CROSS CULVERT LILLIAN LEE		Upstream		Downstream	
Scenario:	pre development	Invert:	63.20 ft	Invert:	63.00 ft
From Node:	DS-1 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	LILLIAN LEE DUMMY-1	Max Depth:	4.00 ft	Max Depth:	4.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	84.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Drop Structure Link: CS-1 (LILLIAN LEPAN)		Upstream Pipe		Downstream Pipe	
		Invert:	67.00 ft	Invert:	66.76 ft
Scenario:	pre development	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	POND (LILLIAN LEE)	Geometry: Circular		Geometry: Circular	
		Max Depth:	2.00 ft	Max Depth:	2.00 ft
To Node:	DS-3 (LILLIAN LEE ESTATES)	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	20.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment: CONVERTED

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	73.50 ft	Ref Node:	
Control Elevation:	73.50 ft	**Discharge Coefficients**	
Max Depth:	3.00 ft	Weir Default:	3.200
Max Width:	6.58 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	69.50 ft	Ref Node:	
Control Elevation:	69.50 ft	**Discharge Coefficients**	
Max Depth:	0.29 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Weir Component		Bottom Clip	
Weir:	3	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	70.96 ft	Ref Node:	
Control Elevation:	70.96 ft	**Discharge Coefficients**	
Max Depth:	0.17 ft	Weir Default:	3.200
Max Width:	2.50 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Drop Structure Comment:

Drop Structure Link: CS-3 FOR CR 15 PND 3		Upstream Pipe		Downstream Pipe	
		Invert:	63.50 ft	Invert:	62.70 ft
Scenario:	pre development	Manning's N:	0.0130	Manning's N:	0.0130
From Node:	COUNTY	Geometry: Circular		Geometry: Circular	
	NARCOOSSEE PND	Max Depth:	1.50 ft	Max Depth:	1.50 ft
	3	Bottom Clip			
To Node:	NTH DTCH	Default:	0.00 ft	Default:	0.00 ft
	DUMMY-1	Op Table:		Op Table:	
Link Count:	1	Ref Node:		Ref Node:	
Flow Direction:	Both	Manning's N:	0.0000	Manning's N:	0.0000
Solution:	Combine	Top Clip			
Increments:	0	Default:	0.00 ft	Default:	0.00 ft
Pipe Count:	1	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	110.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0				
Entr Loss Coef:	0.50				
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	64.60 ft	Ref Node:	
Control Elevation:	64.60 ft	Discharge Coefficients	
Max Depth:	0.23 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical		

Geometry Type:	Rectangular
Invert:	66.30 ft
Control Elevation:	66.30 ft
Max Depth:	4.42 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Drop Structure Link: CS-A (HARVEST GROVE)

Scenario:	pre development
From Node:	HARVEST GROVE POND
To Node:	DS-13 (LILLIAN LEE ESTATES)
Link Count:	1
Flow Direction:	Both
Solution:	Combine
Increments:	0
Pipe Count:	1
Damping:	0.0000 ft
Length:	350.00 ft
FHWA Code:	0
Entr Loss Coef:	0.50
Exit Loss Coef:	1.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Upstream Pipe		Downstream Pipe	
Invert:	68.00 ft	Invert:	67.80 ft
Manning's N:	0.0130	Manning's N:	0.0130
Geometry: Circular		**Geometry: Circular**	
Max Depth:	2.50 ft	Max Depth:	2.50 ft
Bottom Clip			
Default:	0.00 ft	Default:	0.00 ft
Op Table:		Op Table:	
Ref Node:		Ref Node:	
Manning's N:	0.0000	Manning's N:	0.0000
Top Clip			
Default:	0.00 ft	Default:	0.00 ft
Op Table:		Op Table:	
Ref Node:		Ref Node:	
Manning's N:	0.0000	Manning's N:	0.0000

Pipe Comment:

Weir Component

Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	68.00 ft
Control Elevation:	68.00 ft
Max Depth:	0.33 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	

Orifice Default:	0.600
Orifice Table:	

Weir Comment: 4" Orifice

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	69.75 ft
Control Elevation:	69.75 ft
Max Depth:	2.60 ft
Max Width:	2.25 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 2.25' Front Weir

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	72.35 ft
Control Elevation:	72.35 ft
Max Depth:	3.00 ft
Max Width:	6.58 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: Type H Inlet

Drop Structure Comment:

Weir Link: East Offsite

Scenario:	pre development
From Node:	East LILLIAN LEE ESTATES Offsite
To Node:	DS-13 (LILLIAN LEE ESTATES)

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Trapezoidal
Invert:	68.20 ft
Control Elevation:	68.20 ft
Max Depth:	9999.00 ft
Extrapolation Method:	Normal Projection
Bottom Width:	0.00 ft
Left Slope:	300.000 (h:v)
Right Slope:	230.000 (h:v)

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment: CONVERTED

Channel Link: East Swale

Scenario:	pre development
From Node:	DS-12 (LILLIAN LEE ESTATES)
To Node:	DS-13 (LILLIAN LEE ESTATES)
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Length:	345.00 ft
Contraction Coef:	0.10
Expansion Coef:	0.30
Entr Loss Coef:	0.00
Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Upstream

Invert:	70.00 ft
Manning's N:	0.0000

Geometry: Irregular

Cross Section:	East Swale 2

Downstream

Invert:	68.00 ft
Manning's N:	0.0000

Geometry: Irregular

Cross Section:	East Swale 1

Comment: CONVERTED

Weir Link: HATHAWAY OVERFLOW

Scenario:	pre development
From Node:	HATHAWAY POND B (DRY)
To Node:	HATHAWAY POND A (WET)
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Trapezoidal
Invert:	74.00 ft
Control Elevation:	74.00 ft
Max Depth:	99999.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	

Extrapolation Method:	Normal Projection		
Bottom Width:	1761.00 ft	Orifice Default:	0.600
Left Slope:	4.000 (h:v)	Orifice Table:	
Right Slope:	4.000 (h:v)		

Comment:

Drop Structure Link: HATHAWAY-POND A		Upstream Pipe		Downstream Pipe	
		Invert:	71.80 ft	Invert:	70.00 ft
Scenario:	pre development	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	HATHAWAY POND A (WET)	Geometry: Circular		Geometry: Circular	
		Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	DS-15 (LILLIAN LEE ESTATES)	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	350.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Horizontal	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	74.65 ft	Op Table:	
Control Elevation:	74.65 ft	Ref Node:	
Max Depth:	4.50 ft	Discharge Coefficients	
Max Width:	3.00 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component			
Weir:	2	Bottom Clip	
Weir Count:	1	Default:	0.00 ft

Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	72.00 ft
Control Elevation:	72.00 ft
Max Depth:	0.50 ft

Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	74.00 ft
Control Elevation:	74.00 ft
Max Depth:	0.65 ft
Max Width:	4.20 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	
Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Pipe Link: L-0890P

Scenario:	pre development
From Node:	East LILLIAN LEE ESTATES Offsite
To Node:	LILLIAN LEE DUMMY-2
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Length:	100.00 ft
FHWA Code:	0
Entr Loss Coef:	0.50
Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec

Upstream		Downstream	
Invert:	67.50 ft	Invert:	67.30 ft
Manning's N:	0.0120	Manning's N:	0.0120
Geometry: Circular		**Geometry: Circular**	
Max Depth:	1.25 ft	Max Depth:	1.25 ft
Bottom Clip			
Default:	0.00 ft	Default:	0.00 ft
Op Table:		Op Table:	
Ref Node:		Ref Node:	
Manning's N:	0.0000	Manning's N:	0.0000
Top Clip			
Default:	0.00 ft	Default:	0.00 ft
Op Table:		Op Table:	
Ref Node:		Ref Node:	
Manning's N:	0.0000	Manning's N:	0.0000

Energy Switch: Energy

Comment:

Drop Structure Link: LANCASTER PK DS-P10		Upstream Pipe		Downstream Pipe	
		Invert:	68.10 ft	Invert:	68.00 ft
Scenario:	pre development	Manning's N:	0.0130	Manning's N:	0.0130
From Node:	LANCASTER PARK	Geometry: Circular		Geometry: Circular	
	POND 10	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	LILLIAN LEE	Bottom Clip			
	DUMMY-2	Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	70.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	70.50 ft	Ref Node:	
Control Elevation:	70.50 ft	Discharge Coefficients	
Max Depth:	0.38 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical		

Geometry Type:	Rectangular
Invert:	71.42 ft
Control Elevation:	71.42 ft
Max Depth:	2.10 ft
Max Width:	1.00 ft
Fillet:	0.00 ft

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	73.50 ft
Control Elevation:	73.50 ft
Max Depth:	4.50 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment: LANCASTER PARK TW-1

Drop Structure Link: LANCASTER PK DS-P11

Scenario:	pre development
From Node:	LANCASTER PARK POND 11
To Node:	LANCASTER PARK POND 10
Link Count:	1
Flow Direction:	Both
Solution:	Combine
Increments:	0
Pipe Count:	1
Damping:	0.0000 ft
Length:	1865.00 ft
FHWA Code:	0
Entr Loss Coef:	0.00
Exit Loss Coef:	1.00
Bend Loss Coef:	0.00

Upstream Pipe

Invert:	70.39 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	2.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Downstream Pipe

Invert:	62.00 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	2.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Bend Location: 0.00 dec
Energy Switch: Energy

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	71.50 ft	Ref Node:	
Control Elevation:	71.50 ft	**Discharge Coefficients**	
Max Depth:	0.42 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	73.70 ft	Ref Node:	
Control Elevation:	73.70 ft	**Discharge Coefficients**	
Max Depth:	4.50 ft	Weir Default:	3.200
Max Width:	3.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Weir Link: LILLIAN LEE RD		Bottom Clip	
Scenario:	pre development	Default:	0.00 ft
From Node:	DS-1 (LILLIAN LEE RD)	Op Table:	
To Node:	LILLIAN LEE DUMMY-1	Ref Node:	
Link Count:	1	**Top Clip**	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Paved Road Vertical	Ref Node:	
Geometry Type:	Rectangular		

Invert:	70.90 ft
Control Elevation:	70.90 ft
Max Depth:	83.25 ft
Max Width:	100.00 ft
Fillet:	0.00 ft

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Pipe Link: LILLIAN LEE X-CULVERT-1		Upstream		Downstream	
Scenario:	pre development	Invert:	63.00 ft	Invert:	60.00 ft
From Node:	LILLIAN LEE	Manning's N:	0.0130	Manning's N:	0.0130
	DUMMY-1	Geometry: Circular		Geometry: Circular	
To Node:	LK SATILLA SOUTH	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	(POND 2 SOUTH)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	900.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Pipe Link: LILLIAN LEEX-CULVERT-2		Upstream		Downstream	
Scenario:	pre development	Invert:	67.00 ft	Invert:	63.50 ft
From Node:	LILLIAN LEE	Manning's N:	0.0130	Manning's N:	0.0130
	DUMMY-2	Geometry: Circular		Geometry: Circular	
To Node:	LK SATILLA SOUTH	Max Depth:	1.50 ft	Max Depth:	1.50 ft
	(POND 2 SOUTH)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	1100.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Drop Structure Link: LK SATILLA CS-1		Upstream Pipe		Downstream Pipe	
Scenario:	pre development	Invert:	64.00 ft	Invert:	63.00 ft
From Node:	LK SATILLA	Manning's N:	0.0120	Manning's N:	0.0120
	NORTH (POND 1	Geometry: Circular		Geometry: Circular	
	NORTH)	Max Depth:	4.00 ft	Max Depth:	4.00 ft
To Node:	NTH DTCH	Bottom Clip			
	DUMMY-2	Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	500.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	66.50 ft	Ref Node:	
Control Elevation:	66.50 ft	Discharge Coefficients	
Max Depth:	0.67 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 0.75

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	67.38 ft	Ref Node:	
Control Elevation:	67.38 ft	Discharge Coefficients	
Max Depth:	1.00 ft	Weir Default:	3.200
Max Width:	6.00 ft	Weir Table:	
Fillet:	0.00 ft		

Orifice Default:	0.600
Orifice Table:	

Weir Comment: 2.1
6

4.1
1.5

1.62

Weir Component	
Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	68.38 ft
Control Elevation:	68.38 ft
Max Depth:	3.00 ft
Max Width:	6.58 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 70.16
69.4

69

Drop Structure Comment:

Drop Structure Link: LK SATILLA CS-2		Upstream Pipe		Downstream Pipe	
Scenario:	pre development	Invert:	67.50 ft	Invert:	66.50 ft
From Node:	LK SATILLA SOUTH (POND 2 SOUTH)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	LK SATILLA NORTH (POND 1 NORTH)	Max Depth:	3.50 ft	Max Depth:	3.50 ft
		Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	160.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000

Entr Loss Coef:	0.50
Exit Loss Coef:	1.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Pipe Comment:

Weir Component

Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	67.50 ft
Control Elevation:	67.50 ft
Max Depth:	0.58 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 0.583

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	69.05 ft
Control Elevation:	69.05 ft
Max Depth:	0.67 ft
Max Width:	6.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 1.98
6

4.98
2.5

69.93 69.75
71.08 56.74

1.43
6

1
6
68.72

Weir Component		Bottom Clip	
Weir:	3	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	69.72 ft	Ref Node:	
Control Elevation:	69.72 ft	**Discharge Coefficients**	
Max Depth:	3.00 ft	Weir Default:	3.200
Max Width:	6.58 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 2.28

70.15

Drop Structure Comment:

Weir Link: NORTH OFF SITE		Bottom Clip	
Scenario:	pre development	Default:	0.00 ft
From Node:	LAURA LEE HILL (NORTH)	Op Table:	
To Node:	DS-6 (LILLIAN LEE ESTATES)	Ref Node:	
Link Count:	1	**Top Clip**	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Sharp Crested Vertical	Ref Node:	
Geometry Type:	Rectangular	**Discharge Coefficients**	
Invert:	71.00 ft	Weir Default:	3.200
Control Elevation:	71.00 ft	Weir Table:	
Max Depth:	1.00 ft	Orifice Default:	0.600
Max Width:	200.00 ft	Orifice Table:	
Fillet:	0.00 ft		

Comment: CONVERTED

Channel Link: NTH DITCH-1		Upstream		Downstream	
Scenario:	pre development	Invert:	62.70 ft	Invert:	62.50 ft
From Node:	NTH DTCH	Manning's N:	0.0000	Manning's N:	0.0000
	DUMMY-1	Geometry:	Irregular	Geometry:	Irregular
To Node:	CR 15 HEADWALL	Cross Section:	NORTH DITCH	Cross Section:	NORTH DITCH

Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Length:	450.00 ft
Contraction Coef:	0.10
Expansion Coef:	0.30
Entr Loss Coef:	0.00
Exit Loss Coef:	0.00
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Comment:

Channel Link: NTH DITCH-2		Upstream		Downstream	
Scenario:	pre development	Invert:	63.20 ft	Invert:	62.70 ft
From Node:	NTH DTCH DUMMY-2	Manning's N:	0.0000	Manning's N:	0.0000
		Geometry:	Irregular	Geometry:	Irregular
To Node:	NTH DTCH DUMMY-1	Cross Section:	NORTH DITCH	Cross Section:	NORTH DITCH
Link Count:	1				
Flow Direction:	Both				
Damping:	0.0000 ft				
Length:	720.00 ft				
Contraction Coef:	0.10				
Expansion Coef:	0.30				
Entr Loss Coef:	0.00				
Exit Loss Coef:	0.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Comment:

Pipe Link: P-11		Upstream		Downstream	
Scenario:	pre development	Invert:	63.58 ft	Invert:	63.50 ft
From Node:	DS-12 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry:	Circular	Geometry:	Circular
To Node:	DS-1 (LILLIAN LEE RD)	Max Depth:	3.00 ft	Max Depth:	3.00 ft
		Bottom Clip			
Link Count:	2	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	69.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	

Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P1		Upstream		Downstream	
Scenario:	pre development	Invert:	63.64 ft	Invert:	63.50 ft
From Node:	DS-2 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-1 (LILLIAN LEE RD)	Max Depth:	4.00 ft	Max Depth:	4.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	288.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P10		Upstream		Downstream	
Scenario:	pre development	Invert:	63.74 ft	Invert:	63.70 ft
From Node:	DS-9 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-2 (LILLIAN LEE RD)	Max Depth:	2.00 ft	Max Depth:	2.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	8.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P12	Upstream	Downstream

Scenario:	pre development	Invert:	63.76 ft	Invert:	63.58 ft
From Node:	DS-13 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-12 (LILLIAN	Max Depth:	3.00 ft	Max Depth:	3.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	2	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	345.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P13		Upstream		Downstream	
Scenario:	pre development	Invert:	65.56 ft	Invert:	64.76 ft
From Node:	DS-32 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-13 (LILLIAN	Max Depth:	3.00 ft	Max Depth:	3.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	400.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P13A		Upstream		Downstream	
Scenario:	pre development	Invert:	69.39 ft	Invert:	65.56 ft
From Node:	DS-14 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-32 (LILLIAN	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	465.00 ft	Manning's N:	0.0000	Manning's N:	0.0000

FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P14		Upstream		Downstream	
Scenario:	pre development	Invert:	69.69 ft	Invert:	69.39 ft
From Node:	DS-15 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-14 (LILLIAN	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P15		Upstream		Downstream	
Scenario:	pre development	Invert:	62.76 ft	Invert:	62.50 ft
From Node:	DS-20 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	130.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P16		Upstream		Downstream	
Scenario:	pre development	Invert:	63.14 ft	Invert:	62.76 ft
From Node:	DS-21 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-20 (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	190.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P17		Upstream		Downstream	
Scenario:	pre development	Invert:	64.52 ft	Invert:	64.39 ft
From Node:	DS-22 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P18		Upstream		Downstream	
Scenario:	pre development	Invert:	63.80 ft	Invert:	63.14 ft
From Node:	DS-23 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P19		Upstream		Downstream	
Scenario:	pre development	Invert:	64.18 ft	Invert:	64.05 ft
From Node:	DS-24 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-23 (LILLIAN	Max Depth:	1.50 ft	Max Depth:	1.50 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P2		Upstream		Downstream	
Scenario:	pre development	Invert:	63.80 ft	Invert:	63.66 ft
From Node:	DS-3 (LILLIAN LEE	Manning's N:	0.0120	Manning's N:	0.0120
	ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-2A (LILLIAN	Max Depth:	4.00 ft	Max Depth:	4.00 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	141.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P20		Upstream		Downstream	
Scenario:	pre development	Invert:	67.70 ft	Invert:	67.50 ft
From Node:	DS-17 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN LEE)	Max Depth:	1.25 ft	Max Depth:	1.25 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	40.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P21		Upstream		Downstream	
Scenario:	pre development	Invert:	67.83 ft	Invert:	67.70 ft
From Node:	DS-18 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	DS-17 (LILLIAN LEE ESTATES)	Max Depth:	1.25 ft	Max Depth:	1.25 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P22		Upstream		Downstream	
Scenario:	pre development	Invert:	65.60 ft	Invert:	63.20 ft
From Node:	DS-26 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN LEE)	Max Depth:	2.50 ft	Max Depth:	2.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	80.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P23		Upstream		Downstream	
Scenario:	pre development	Invert:	66.92 ft	Invert:	66.39 ft
From Node:	DS-28 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-26 (LILLIAN	Max Depth:	1.58 ft	Max Depth:	1.58 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P24		Upstream		Downstream	
Scenario:	pre development	Invert:	67.45 ft	Invert:	67.32 ft
From Node:	DS-27 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-28 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P25		Upstream		Downstream	
Scenario:	pre development	Invert:	67.58 ft	Invert:	66.92 ft
From Node:	DS-30 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-28 (LILLIAN	Max Depth:	1.58 ft	Max Depth:	1.58 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P26		Upstream		Downstream	
Scenario:	pre development	Invert:	68.12 ft	Invert:	67.99 ft
From Node:	DS-29 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-30 (LILLIAN	Max Depth:	1.17 ft	Max Depth:	1.17 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0130	Manning's N:	0.0130
FHWA Code:	30	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0130	Manning's N:	0.0130
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P28		Upstream		Downstream	
Scenario:	pre development	Invert:	68.36 ft	Invert:	67.99 ft
From Node:	DS-34 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-30 (LILLIAN	Max Depth:	1.00 ft	Max Depth:	1.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	74.00 ft	Manning's N:	0.0120	Manning's N:	0.0120
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0120	Manning's N:	0.0120
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P29		Upstream		Downstream	
Scenario:	pre development	Invert:	67.69 ft	Invert:	67.32 ft
From Node:	DS-35 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-28 (LILLIAN	Max Depth:	1.00 ft	Max Depth:	1.00 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P2A		Upstream		Downstream	
Scenario:	pre development	Invert:	63.66 ft	Invert:	63.64 ft
From Node:	DS-2A (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-2 (LILLIAN LEE	Max Depth:	4.00 ft	Max Depth:	4.00 ft
	RD)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	23.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P3		Upstream		Downstream	
Scenario:	pre development	Invert:	64.10 ft	Invert:	63.95 ft
From Node:	DS-4 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-3 (LILLIAN LEE ESTATES)	Max Depth:	3.50 ft	Max Depth:	3.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P30		Upstream		Downstream	
Scenario:	pre development	Invert:	67.65 ft	Invert:	67.28 ft
From Node:	DS-36 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	DS-23 (LILLIAN LEE ESTATES)	Max Depth:	1.00 ft	Max Depth:	1.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P31		Upstream		Downstream	
Scenario:	pre development	Invert:	67.17 ft	Invert:	66.80 ft
From Node:	DS-37 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN LEE ESTATES)	Max Depth:	1.00 ft	Max Depth:	1.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P32		Upstream		Downstream	
Scenario:	pre development	Invert:	66.85 ft	Invert:	66.72 ft
From Node:	DS-33 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-26 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P4		Upstream		Downstream	
Scenario:	pre development	Invert:	64.41 ft	Invert:	64.10 ft
From Node:	DS-5 (LILLIAN LEE	Manning's N:	0.0120	Manning's N:	0.0120
	ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-4 (LILLIAN LEE	Max Depth:	3.50 ft	Max Depth:	3.50 ft
	ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	320.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P5		Upstream		Downstream	
Scenario:	pre development	Invert:	64.70 ft	Invert:	64.66 ft
From Node:	DS-6 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-5 (LILLIAN LEE ESTATES)	Max Depth:	3.50 ft	Max Depth:	3.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	8.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P7		Upstream		Downstream	
Scenario:	pre development	Invert:	68.70 ft	Invert:	68.32 ft
From Node:	DS-31 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-29 (LILLIAN LEE ESTATES)	Max Depth:	1.00 ft	Max Depth:	1.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0130	Manning's N:	0.0130
FHWA Code:	30	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0130	Manning's N:	0.0130
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P8		Upstream		Downstream	
Scenario:	pre development	Invert:	64.12 ft	Invert:	63.74 ft
From Node:	DS-11 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-9 (LILLIAN LEE ESTATES)	Max Depth:	2.50 ft	Max Depth:	2.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	378.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P8A		Upstream		Downstream	
Scenario:	pre development	Invert:	67.00 ft	Invert:	66.86 ft
From Node:	DS-11A (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE RD)	Geometry: Circular		Geometry: Circular	
To Node:	DS-11 (LILLIAN	Max Depth:	1.50 ft	Max Depth:	1.50 ft
	LEE RD)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	28.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Simulation: 100y72h

Scenario:	pre development
Run Date/Time:	10/8/2025 1:17:24 PM
Program Version:	ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 100yr72hr
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr
Smp/Man Basin Rain Opt: Global
Rainfall Name: Sfwmd72
Rainfall Amount: 12.00 in
Storm Duration: 72.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 10y24h

Scenario: pre development

Run Date/Time: 10/8/2025 2:11:28 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	100.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 10yr24hr
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft

IA Recovery Time: 24.0000 hr
Smp/Man Basin Rain Opt: Global

Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Flmod
		Rainfall Amount:	6.00 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 10y72h

Scenario: pre development
Run Date/Time: 10/8/2025 2:56:18 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Lookup Tables

Rainfall Folder:	ICPR3	Boundary Stage Set:	10yr72hr
		Extern Hydrograph Set:	
Unit Hydrograph Folder:	ICPR3	Curve Number Set:	ICPR3
		Green-Ampt Set:	ICPR3
		Vertical Layers Set:	
		Impervious Set:	ICPR3

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	72.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec		
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Sfwmd72
		Rainfall Amount:	8.00 in
Edge Length Option:	Automatic	Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 25y72h

Scenario:	pre development
Run Date/Time:	10/23/2025 9:08:10 AM
Program Version:	ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 25y72h
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr
Smp/Man Basin Rain Opt: Global
Rainfall Name: Sfwmd72
Rainfall Amount: 10.00 in
Storm Duration: 72.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 3yr24h

Scenario: pre development
Run Date/Time: 10/8/2025 4:50:27 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	50.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set: 3yr24hr
Extern Hydrograph Set:
Curve Number Set: Icpr3
Green-Ampt Set:
Vertical Layers Set:
Impervious Set: Icpr3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
IA Recovery Time: 24.0000 hr
Smp/Man Basin Rain Opt: Global

Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsi-24
		Rainfall Amount:	3.75 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 100y (flood routing extended)

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	24.0000	65.10
0	0	0	40.0000	65.20
0	0	0	48.0000	65.70
0	0	0	60.0000	65.90
0	0	0	72.0000	66.10
0	0	0	80.0000	66.20
0	0	0	96.0000	66.48
0	0	0	150.0000	66.45

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 100yr72hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.77
0	0	0	55.0000	66.15
0	0	0	60.0000	66.48
0	0	0	80.0000	66.48

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 10yr24hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	12.0000	65.20
0	0	0	18.0000	65.36
0	0	0	30.0000	65.36

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 10yr72hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.36
0	0	0	55.0000	65.46
0	0	0	60.0000	65.56
0	0	0	80.0000	65.56

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 25y72h

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.36
0	0	0	55.0000	65.56
0	0	0	60.0000	65.77
0	0	0	80.0000	65.77

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 3yr24hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	12.0000	65.15
0	0	0	18.0000	65.23
0	0	0	30.0000	65.23

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 50y72h

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.77
0	0	0	55.0000	66.00
0	0	0	60.0000	66.15
0	0	0	80.0000	66.15

Comment:

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
ASHTON PARK	100y72h	135.71	60.2333	12.00	6.26	47.5600	58.0	26.50	26.50
ASHTON PARK	10y24h	46.39	12.3667	6.00	2.18	47.5600	63.0	26.50	26.50
ASHTON PARK	10y72h	71.14	60.2333	8.00	3.40	47.5600	60.5	26.50	26.50
ASHTON PARK	25y72h	102.41	60.2333	10.00	4.77	47.5600	59.0	26.50	26.50
ASHTON PARK	3yr24h	15.66	10.2333	3.75	1.09	47.5600	68.6	26.50	26.50

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 1 (LILLIAN LEE ESTATES)	100y72h	7.41	60.0667	12.00	9.03	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	10y24h	3.63	12.1000	6.00	3.48	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	10y72h	4.56	60.0667	8.00	5.27	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	25y72h	5.99	60.0667	10.00	7.13	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	3yr24h	0.94	10.1000	3.75	1.62	1.7600	77.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 10	100y72h	3.61	60.0167	12.00	9.97	0.7100	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
(LILLIAN LEE ESTATES)									
BASIN 10 (LILLIAN LEE ESTATES)	10y24h	2.08	12.0500	6.00	4.19	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	10y72h	2.31	60.0167	8.00	6.09	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	25y72h	2.96	60.0167	10.00	8.02	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	3yr24h	0.63	10.0333	3.75	2.15	0.7100	84.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 11 (LILLIAN LEE ESTATES)	100y72h	3.12	60.0500	12.00	9.85	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	10y24h	1.72	12.1000	6.00	4.09	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	10y72h	1.99	60.0667	8.00	5.98	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	25y72h	2.56	60.0667	10.00	7.90	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	3yr24h	0.52	10.0833	3.75	2.07	0.7100	83.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 12 (LILLIAN LEE ESTATES)	100y72h	4.66	60.0667	12.00	9.44	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	10y24h	2.42	12.1000	6.00	3.78	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	10y72h	2.91	60.0667	8.00	5.62	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	25y72h	3.79	60.0667	10.00	7.52	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	3yr24h	0.69	10.0833	3.75	1.84	1.0800	80.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 13 (LILLIAN LEE ESTATES)	100y72h	0.31	60.0333	12.00	8.89	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	10y24h	0.15	12.0833	6.00	3.38	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	10y72h	0.19	60.0500	8.00	5.16	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	25y72h	0.25	60.0333	10.00	7.00	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN	3yr24h	0.04	10.0667	3.75	1.55	0.0700	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 14 (LILLIAN LEE ESTATES)	100y72h	0.32	60.0333	12.00	8.89	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	10y24h	0.15	12.0667	6.00	3.38	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	10y72h	0.19	60.0333	8.00	5.15	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	25y72h	0.26	60.0333	10.00	7.00	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	3yr24h	0.04	10.0667	3.75	1.55	0.0700	76.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 15 (LILLIAN LEE ESTATES)	100y72h	1.84	60.1833	12.00	6.56	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN LEE ESTATES)	10y24h	0.56	12.3500	6.00	1.92	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN	10y72h	0.98	60.2000	8.00	3.33	0.7400	60.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 15 (LILLIAN LEE ESTATES)	25y72h	1.40	60.1833	10.00	4.90	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN LEE ESTATES)	3yr24h	0.06	10.7167	3.75	0.64	0.7400	60.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 16 (LILLIAN LEE ESTATES)	100y72h	1.09	60.1333	12.00	6.86	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	10y24h	0.35	12.2667	6.00	2.09	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	10y72h	0.59	60.1500	8.00	3.55	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	25y72h	0.84	60.1333	10.00	5.16	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	3yr24h	0.04	10.6000	3.75	0.74	0.3800	62.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 17 (LILLIAN	100y72h	1.79	60.0500	12.00	9.71	0.4100	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 17 (LILLIAN LEE ESTATES)	10y24h	0.97	12.1000	6.00	3.99	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	10y72h	1.13	60.0667	8.00	5.86	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	25y72h	1.46	60.0667	10.00	7.77	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	3yr24h	0.29	10.0833	3.75	1.99	0.4100	82.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 18 (LILLIAN LEE ESTATES)	100y72h	2.06	60.0500	12.00	9.71	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	10y24h	1.11	12.1000	6.00	3.99	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	10y72h	1.30	60.0667	8.00	5.86	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	25y72h	1.68	60.0667	10.00	7.77	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	3yr24h	0.33	10.0833	3.75	1.99	0.4700	82.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 2 (LILLIAN LEE ESTATES)	100y72h	5.44	60.0667	12.00	9.44	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	10y24h	2.83	12.1000	6.00	3.78	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	10y72h	3.40	60.0667	8.00	5.62	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	25y72h	4.42	60.0667	10.00	7.52	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	3yr24h	0.80	10.0833	3.75	1.84	1.2600	80.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 20 (LILLIAN LEE ESTATES)	100y72h	1.18	60.0333	12.00	8.89	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	10y24h	0.57	12.0667	6.00	3.38	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	10y72h	0.72	60.0333	8.00	5.15	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	25y72h	0.95	60.0333	10.00	7.00	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN	3yr24h	0.14	10.0667	3.75	1.55	0.2600	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 21 (LILLIAN LEE ESTATES)	100y72h	1.54	60.0333	12.00	8.89	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	10y24h	0.75	12.0667	6.00	3.38	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	10y72h	0.94	60.0333	8.00	5.15	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	25y72h	1.24	60.0333	10.00	7.00	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	3yr24h	0.19	10.0667	3.75	1.55	0.3400	76.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 22 (LILLIAN LEE ESTATES)	100y72h	1.54	60.0333	12.00	8.89	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN LEE ESTATES)	10y24h	0.75	12.0667	6.00	3.38	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN	10y72h	0.94	60.0333	8.00	5.15	0.3400	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 22 (LILLIAN LEE ESTATES)	25y72h	1.24	60.0333	10.00	7.00	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN LEE ESTATES)	3yr24h	0.19	10.0667	3.75	1.55	0.3400	76.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 23 (LILLIAN LEE ESTATES)	100y72h	1.18	60.0333	12.00	8.89	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	10y24h	0.57	12.0667	6.00	3.38	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	10y72h	0.72	60.0333	8.00	5.15	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	25y72h	0.95	60.0333	10.00	7.00	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	3yr24h	0.14	10.0667	3.75	1.55	0.2600	76.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 3 (LILLIAN	100y72h	3.70	60.0500	12.00	9.85	0.8400	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 3 (LILLIAN LEE ESTATES)	10y24h	2.03	12.1000	6.00	4.09	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	10y72h	2.35	60.0667	8.00	5.98	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	25y72h	3.03	60.0667	10.00	7.90	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	3yr24h	0.62	10.0833	3.75	2.07	0.8400	83.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 4 (LILLIAN LEE ESTATES)	100y72h	3.76	60.0500	12.00	9.98	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	10y24h	2.11	12.1000	6.00	4.20	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	10y72h	2.40	60.0667	8.00	6.09	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	25y72h	3.09	60.0667	10.00	8.03	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	3yr24h	0.66	10.0833	3.75	2.15	0.8500	84.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 5 (LILLIAN LEE ESTATES)	100y72h	3.95	60.0667	12.00	9.58	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	10y24h	2.10	12.1000	6.00	3.88	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	10y72h	2.49	60.0667	8.00	5.74	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	25y72h	3.22	60.0667	10.00	7.65	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	3yr24h	0.61	10.0833	3.75	1.91	0.9100	81.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 6 (LILLIAN LEE ESTATES)	100y72h	4.09	60.0500	12.00	9.85	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	10y24h	2.25	12.1000	6.00	4.09	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	10y72h	2.60	60.0667	8.00	5.98	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	25y72h	3.35	60.0667	10.00	7.90	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN	3yr24h	0.69	10.0833	3.75	2.07	0.9300	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 7 (LILLIAN LEE ESTATES)	100y72h	5.24	60.0500	12.00	9.85	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	10y24h	2.88	12.1000	6.00	4.09	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	10y72h	3.33	60.0667	8.00	5.98	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	25y72h	4.29	60.0667	10.00	7.90	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	3yr24h	0.88	10.0833	3.75	2.07	1.1900	83.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 8 (LILLIAN LEE ESTATES)	100y72h	2.80	60.0333	12.00	10.37	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN LEE ESTATES)	10y24h	1.66	12.0833	6.00	4.52	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN	10y72h	1.81	60.0333	8.00	6.45	0.5900	87.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 8 (LILLIAN LEE ESTATES)	25y72h	2.31	60.0333	10.00	8.40	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN LEE ESTATES)	3yr24h	0.55	10.0667	3.75	2.41	0.5900	87.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 9 (LILLIAN LEE ESTATES)	100y72h	13.34	60.0167	12.00	9.84	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	10y24h	7.55	12.0500	6.00	4.09	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	10y72h	8.49	60.0167	8.00	5.97	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	25y72h	10.92	60.0167	10.00	7.89	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	3yr24h	2.25	10.0333	3.75	2.07	2.6400	83.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN19 (LILLIAN	100y72h	2.43	60.0667	12.00	9.58	0.5600	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN19 (LILLIAN LEE ESTATES)	10y24h	1.29	12.1000	6.00	3.88	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	10y72h	1.53	60.0667	8.00	5.74	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	25y72h	1.98	60.0667	10.00	7.65	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	3yr24h	0.37	10.0833	3.75	1.91	0.5600	81.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
CR 15 POND 3	100y72h	13.87	60.0500	12.00	10.41	3.0800	87.3	0.00	0.00
CR 15 POND 3	10y24h	8.19	12.1000	6.00	4.55	3.0800	87.3	0.00	0.00
CR 15 POND 3	10y72h	8.99	60.0500	8.00	6.49	3.0800	87.3	0.00	0.00
CR 15 POND 3	25y72h	11.44	60.0500	10.00	8.44	3.0800	87.3	0.00	0.00
CR 15 POND 3	3yr24h	2.76	10.0833	3.75	2.44	3.0800	87.3	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
CR 15 POND 3 R3	100y72h	36.72	60.0667	12.00	10.94	8.4600	91.4	0.00	0.00
CR 15	10y24h	22.84	12.1167	6.00	5.00	8.4600	91.4	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND 3 R3									
CR 15 POND 3 R3	10y72h	24.14	60.0667	8.00	6.97	8.4600	91.4	0.00	0.00
CR 15 POND 3 R3	25y72h	30.44	60.0667	10.00	8.95	8.4600	91.4	0.00	0.00
CR 15 POND 3 R3	3yr24h	8.43	10.0833	3.75	2.82	8.4600	91.4	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HARVEST GROVE (POST BASIN 1)	100y72h	77.72	60.0500	12.00	10.76	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	10y24h	47.66	12.1000	6.00	4.84	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	10y72h	50.86	60.0500	8.00	6.80	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	25y72h	64.32	60.0500	10.00	8.78	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	3yr24h	16.97	10.0667	3.75	2.68	17.0700	90.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HARVEST	100y72h	6.57	60.0500	12.00	11.14	1.4300	93.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
GROVE (POST BASIN 2-PUFFIN RD)									
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	10y24h	4.18	12.1000	6.00	5.18	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	10y72h	4.34	60.0500	8.00	7.16	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	25y72h	5.46	60.0500	10.00	9.15	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	3yr24h	1.58	10.0667	3.75	2.98	1.4300	93.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HATHAWAY (NORTH)	100y72h	31.22	60.0833	12.00	7.31	9.2000	65.0	0.00	0.00
HATHAWAY (NORTH)	10y24h	11.21	12.1500	6.00	2.35	9.2000	65.0	0.00	0.00
HATHAWAY (NORTH)	10y72h	17.49	60.1000	8.00	3.89	9.2000	65.0	0.00	0.00
HATHAWA	25y72h	24.31	60.0833	10.00	5.56	9.2000	65.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Y (NORTH)									
HATHAWAY (NORTH)	3yr24h	1.71	10.1500	3.75	0.89	9.2000	65.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HATHAWAY (SOUTH)	100y72h	62.91	60.0833	12.00	8.61	16.6100	74.0	0.00	0.00
HATHAWAY (SOUTH)	10y24h	28.57	12.1500	6.00	3.18	16.6100	74.0	0.00	0.00
HATHAWAY (SOUTH)	10y72h	37.84	60.0833	8.00	4.92	16.6100	74.0	0.00	0.00
HATHAWAY (SOUTH)	25y72h	50.39	60.0833	10.00	6.74	16.6100	74.0	0.00	0.00
HATHAWAY (SOUTH)	3yr24h	6.78	10.1333	3.75	1.41	16.6100	74.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HATHAWAY SOUTH OFFSITE (REVISED)	100y72h	17.37	60.3000	12.00	3.21	15.6300	39.0	0.00	0.00
HATHAWAY SOUTH OFFSITE (REVISED)	10y24h	1.12	12.8167	6.00	0.45	15.6300	39.0	0.00	0.00
HATHAWAY SOUTH OFFSITE (REVISED)	10y72h	5.94	60.3167	8.00	1.16	15.6300	39.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HATHAWAY SOUTH OFFSITE (REVISED)	25y72h	11.29	60.3000	10.00	2.10	15.6300	39.0	0.00	0.00
HATHAWAY SOUTH OFFSITE (REVISED)	3yr24h	0.07	23.7833	3.75	0.02	15.6300	39.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Haywood Ruffin	100y72h	21.66	61.9833	12.00	6.94	28.1200	62.5	0.00	0.00
Haywood Ruffin	10y24h	6.87	14.3833	6.00	2.13	28.1200	62.5	0.00	0.00
Haywood Ruffin	10y72h	11.69	62.0333	8.00	3.61	28.1200	62.5	0.00	0.00
Haywood Ruffin	25y72h	16.61	62.0167	10.00	5.23	28.1200	62.5	0.00	0.00
Haywood Ruffin	3yr24h	1.40	15.3167	3.75	0.76	28.1200	62.5	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK 10A	100y72h	7.11	60.0667	12.00	7.02	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	10y24h	2.43	12.1167	6.00	2.18	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	10y72h	3.92	60.0667	8.00	3.67	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	25y72h	5.50	60.0667	10.00	5.30	1.9900	63.0	0.00	0.00
LANCASTER PARK	3yr24h	0.32	10.1167	3.75	0.78	1.9900	63.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
10A									

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK 30	100y72h	2.89	60.0500	12.00	9.71	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	10y24h	1.56	12.1000	6.00	3.99	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	10y72h	1.82	60.0667	8.00	5.86	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	25y72h	2.36	60.0667	10.00	7.77	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	3yr24h	0.46	10.0833	3.75	1.99	0.6600	82.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK POND 10	100y72h	69.86	60.1833	12.00	8.19	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	10y24h	29.46	12.3167	6.00	2.90	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	10y72h	41.01	60.2000	8.00	4.58	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	25y72h	55.40	60.2000	10.00	6.35	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	3yr24h	6.12	10.2833	3.75	1.23	24.3400	71.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin	Sim Name	Max Flow	Time to	Total	Total	Area [ac]	Equivalent	% Imperv	% DCIA

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARKm POND 11	100y72h	84.13	60.2167	12.00	8.47	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	10y24h	37.22	12.3333	6.00	3.09	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	10y72h	50.10	60.2167	8.00	4.81	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	25y72h	67.12	60.2167	10.00	6.61	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	3yr24h	8.40	10.2833	3.75	1.35	29.7500	73.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LAURA LEE HILL (NORTH OFFSITE)	100y72h	7.91	60.1500	12.00	8.33	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	10y24h	3.41	12.2333	6.00	2.99	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	10y72h	4.69	60.1500	8.00	4.69	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	25y72h	6.30	60.1500	10.00	6.48	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	3yr24h	0.75	10.2000	3.75	1.29	2.4600	72.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE (OFFSITE ROAD)	100y72h	27.23	60.0167	12.00	9.84	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	10y24h	15.42	12.0500	6.00	4.09	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	10y72h	17.33	60.0167	8.00	5.97	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	25y72h	22.30	60.0167	10.00	7.89	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	3yr24h	4.59	10.0333	3.75	2.07	5.3900	83.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE ROAD 1	100y72h	2.00	60.0167	12.00	11.13	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	10y24h	1.30	12.0500	6.00	5.18	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	10y72h	1.32	60.0167	8.00	7.15	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	25y72h	1.66	60.0167	10.00	9.14	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	3yr24h	0.48	10.0333	3.75	2.97	0.3800	93.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE ROAD 2	100y72h	0.58	60.0167	12.00	11.50	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	10y24h	0.39	12.0500	6.00	5.52	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	10y72h	0.39	60.0167	8.00	7.51	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	25y72h	0.48	60.0167	10.00	9.51	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	3yr24h	0.15	10.0333	3.75	3.29	0.1100	96.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LK SATILLA NORTH	100y72h	208.56	60.0667	12.00	8.04	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	10y24h	86.97	12.1167	6.00	2.80	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	10y72h	122.09	60.0667	8.00	4.46	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	25y72h	165.25	60.0667	10.00	6.22	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	3yr24h	17.61	10.1000	3.75	1.17	53.1100	70.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LK SATILLA	100y72h	189.98	60.0667	12.00	7.90	48.9600	69.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
SOUTH									
LK SATILLA SOUTH	10y24h	77.22	12.1167	6.00	2.71	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	10y72h	110.35	60.0667	8.00	4.35	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	25y72h	150.06	60.0667	10.00	6.09	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	3yr24h	14.91	10.1000	3.75	1.11	48.9600	69.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Laura Lee Outparcel	100y72h	2.10	60.3667	12.00	3.05	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	10y24h	0.12	13.0667	6.00	0.39	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	10y72h	0.68	60.4333	8.00	1.07	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	25y72h	1.34	60.3833	10.00	1.97	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	3yr24h	0.01	24.0167	3.75	0.01	2.1900	38.0	0.00	0.00

Simple Basin Runoff Summary [pre development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Post (OFFSITE)	100y72h	21.79	60.0167	12.00	10.62	4.1900	89.0	0.00	0.00
Post (OFFSITE)	10y24h	13.52	12.0500	6.00	4.73	4.1900	89.0	0.00	0.00
Post (OFFSITE)	10y72h	14.22	60.0167	8.00	6.68	4.1900	89.0	0.00	0.00
Post (OFFSITE)	25y72h	18.01	60.0167	10.00	8.65	4.1900	89.0	0.00	0.00
Post	3yr24h	4.58	10.0333	3.75	2.59	4.1900	89.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
(OFFSITE)									

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ASHTON PARK	100y72h	74.50	74.08	0.0002	135.71	69.53	158820
ASHTON PARK	10y24h	74.50	72.48	0.0003	46.39	11.04	145656
ASHTON PARK	10y72h	74.50	73.09	0.0001	71.14	14.87	150879
ASHTON PARK	25y72h	74.50	73.80	0.0002	102.41	17.66	157076
ASHTON PARK	3yr24h	74.50	71.83	0.0002	15.66	2.30	140128

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
COUNTY NARCOOSSEE PND 3	100y72h	68.00	68.29	0.0001	50.59	6.99	115870
COUNTY NARCOOSSEE PND 3	10y24h	68.00	66.52	0.0001	30.99	1.16	96369
COUNTY NARCOOSSEE PND 3	10y72h	68.00	67.03	0.0001	33.12	6.05	99866
COUNTY NARCOOSSEE PND 3	25y72h	68.00	67.49	0.0001	41.88	7.80	107481
COUNTY NARCOOSSEE PND 3	3yr24h	68.00	65.86	0.0001	11.26	0.16	92355

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR 15 HEADWALL	100y72h	66.48	68.22	-0.0015	74.40	74.30	5506
CR 15 HEADWALL	10y24h	66.48	65.62	-0.0020	68.38	90.34	5447
CR 15 HEADWALL	10y72h	66.48	66.33	-0.0016	49.36	71.86	5464

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR 15 HEADWALL	25y72h	66.48	67.25	-0.0020	68.70	89.43	5464
CR 15 HEADWALL	3yr24h	66.48	65.23	0.0010	28.14	26.03	5448

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR15 OUTFALL	100y72h	66.48	66.48	0.0000	74.30	42.26	0
CR15 OUTFALL	10y24h	66.48	65.36	0.0001	28.76	28.15	0
CR15 OUTFALL	10y72h	66.48	65.56	0.0000	49.36	33.14	0
CR15 OUTFALL	25y72h	66.48	65.77	0.0000	68.67	33.15	0
CR15 OUTFALL	3yr24h	66.48	65.23	0.0000	2.70	28.14	0

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-1 (LILLIAN LEE RD)	100y72h	73.00	73.12	-0.2632	499.32	515.57	949
DS-1 (LILLIAN LEE RD)	10y24h	73.00	70.42	-0.0044	14.66	18.59	949
DS-1 (LILLIAN LEE RD)	10y72h	73.00	71.35	0.0184	27.47	56.00	949
DS-1 (LILLIAN LEE RD)	25y72h	73.00	72.19	0.1110	218.45	239.95	949
DS-1 (LILLIAN LEE RD)	3yr24h	73.00	69.18	-0.0041	12.52	13.26	949

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-11 (LILLIAN LEE RD)	100y72h	70.90	73.22	0.0043	19.65	19.58	478
DS-11 (LILLIAN LEE RD)	10y24h	70.90	70.55	-0.0020	11.16	11.55	478
DS-11 (LILLIAN LEE RD)	10y72h	70.90	71.64	-0.0006	15.07	15.06	478
DS-11 (LILLIAN LEE RD)	25y72h	70.90	72.40	0.0037	17.83	17.82	478
DS-11 (LILLIAN LEE RD)	3yr24h	70.90	69.19	0.0006	2.36	2.38	489

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-11A (LILLIAN LEE RD)	100y72h	71.02	73.22	0.0023	2.30	1.95	100
DS-11A (LILLIAN LEE RD)	10y24h	71.02	70.56	0.0017	1.78	1.20	100
DS-11A (LILLIAN LEE RD)	10y72h	71.02	71.64	-0.0003	1.32	1.25	100
DS-11A (LILLIAN LEE RD)	25y72h	71.02	72.41	0.0013	1.66	1.59	100
DS-11A (LILLIAN LEE RD)	3yr24h	71.02	69.19	0.0004	0.48	0.47	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-12	100y72h	74.00	72.94	-0.0038	76.98	67.67	20018

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-12 (LILLIAN LEE ESTATES)	10y24h	74.00	70.42	-0.0042	8.18	8.92	9778
DS-12 (LILLIAN LEE ESTATES)	10y72h	74.00	71.35	0.0032	20.73	20.26	19243
DS-12 (LILLIAN LEE ESTATES)	25y72h	74.00	72.09	-0.0034	33.21	35.62	19723
DS-12 (LILLIAN LEE ESTATES)	3yr24h	74.00	69.18	0.0026	7.13	5.49	1247

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-13 (LILLIAN LEE ESTATES)	100y72h	72.00	72.94	-0.0010	115.57	109.58	28342
DS-13 (LILLIAN LEE ESTATES)	10y24h	72.00	70.42	0.0011	17.84	27.55	28338
DS-13 (LILLIAN LEE ESTATES)	10y72h	72.00	71.35	-0.0006	37.81	73.58	28341
DS-13 (LILLIAN LEE ESTATES)	25y72h	72.00	72.09	0.0006	64.45	60.13	28341
DS-13 (LILLIAN LEE ESTATES)	3yr24h	72.00	69.18	0.0016	5.70	4.53	11138

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-14 (LILLIAN LEE ESTATES)	100y72h	74.00	73.98	0.0009	23.64	23.61	589

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-14 (LILLIAN LEE ESTATES)	10y24h	74.00	70.45	0.0002	1.85	1.86	618
DS-14 (LILLIAN LEE ESTATES)	10y72h	74.00	71.42	0.0004	8.27	8.24	600
DS-14 (LILLIAN LEE ESTATES)	25y72h	74.00	73.09	0.0005	21.94	21.92	594
DS-14 (LILLIAN LEE ESTATES)	3yr24h	74.00	69.73	0.0000	0.65	0.65	603

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-15 (LILLIAN LEE ESTATES)	100y72h	74.00	74.58	0.0010	23.67	23.64	200
DS-15 (LILLIAN LEE ESTATES)	10y24h	74.00	70.48	0.0000	1.85	1.85	191
DS-15 (LILLIAN LEE ESTATES)	10y72h	74.00	71.46	0.0001	8.28	8.27	200
DS-15 (LILLIAN LEE ESTATES)	25y72h	74.00	73.70	0.0007	21.96	21.94	200
DS-15 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.04	0.0000	0.65	0.65	144

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-17 (LILLIAN LEE ESTATES)	100y72h	74.00	74.04	-0.0013	7.35	7.27	100
DS-17 (LILLIAN LEE	10y24h	74.00	71.68	0.0009	4.01	3.95	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-17 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0005	4.66	4.60	100
DS-17 (LILLIAN LEE ESTATES)	25y72h	74.00	73.53	-0.0009	6.01	5.94	100
DS-17 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	1.21	1.20	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-18 (LILLIAN LEE ESTATES)	100y72h	74.00	74.37	0.0007	4.66	4.58	100
DS-18 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0009	2.42	2.37	100
DS-18 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0005	2.91	2.86	100
DS-18 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	-0.0009	3.79	3.72	100
DS-18 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	0.69	0.67	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-2 (LILLIAN LEE RD)	100y72h	74.00	72.95	0.0170	51.25	54.43	635
DS-2 (LILLIAN LEE RD)	10y24h	74.00	70.43	-0.0035	17.97	14.58	635
DS-2	10y72h	74.00	71.36	-0.0037	23.60	20.41	635

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE RD)							
DS-2 (LILLIAN LEE RD)	25y72h	74.00	72.12	0.0162	26.35	32.50	635
DS-2 (LILLIAN LEE RD)	3yr24h	74.00	69.18	0.0027	6.20	5.26	635

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-20 (LILLIAN LEE ESTATES)	100y72h	74.00	75.26	0.0006	23.90	23.82	224
DS-20 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0009	12.51	12.45	224
DS-20 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0005	15.12	15.07	224
DS-20 (LILLIAN LEE ESTATES)	25y72h	74.00	73.91	0.0006	19.56	19.49	224
DS-20 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	3.57	3.56	224

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-21 (LILLIAN LEE ESTATES)	100y72h	74.00	77.56	0.0008	22.25	22.15	452
DS-21 (LILLIAN LEE ESTATES)	10y24h	74.00	71.75	0.0009	11.61	11.55	452
DS-21 (LILLIAN LEE ESTATES)	10y72h	74.00	73.52	0.0005	14.07	14.00	452

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-21 (LILLIAN LEE ESTATES)	25y72h	74.00	75.44	0.0008	18.20	18.12	452
DS-21 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	3.30	3.29	452

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-22 (LILLIAN LEE ESTATES)	100y72h	74.00	78.00	0.0009	5.44	5.23	100
DS-22 (LILLIAN LEE ESTATES)	10y24h	74.00	71.86	0.0009	2.83	2.74	100
DS-22 (LILLIAN LEE ESTATES)	10y72h	74.00	73.70	0.0005	3.40	3.30	100
DS-22 (LILLIAN LEE ESTATES)	25y72h	74.00	75.74	0.0009	4.42	4.28	100
DS-22 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	0.80	0.78	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-23 (LILLIAN LEE ESTATES)	100y72h	74.00	78.42	0.0009	12.14	12.01	286
DS-23 (LILLIAN LEE ESTATES)	10y24h	74.00	71.96	0.0009	6.20	6.14	286
DS-23 (LILLIAN LEE ESTATES)	10y72h	74.00	73.86	0.0005	7.62	7.55	286
DS-23 (LILLIAN LEE	25y72h	74.00	76.01	0.0009	9.90	9.80	286

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-23 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	1.71	1.70	286

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-24 (LILLIAN LEE ESTATES)	100y72h	74.00	78.79	0.0010	7.41	7.18	100
DS-24 (LILLIAN LEE ESTATES)	10y24h	74.00	72.05	0.0009	3.63	3.54	100
DS-24 (LILLIAN LEE ESTATES)	10y72h	74.00	74.00	0.0006	4.56	4.45	100
DS-24 (LILLIAN LEE ESTATES)	25y72h	74.00	76.26	0.0010	5.99	5.83	100
DS-24 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.83	0.0010	0.94	0.93	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-26 (LILLIAN LEE ESTATES)	100y72h	74.00	74.00	0.0010	25.42	25.35	368
DS-26 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0010	13.84	13.78	368
DS-26 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0010	16.25	16.19	368
DS-26 (LILLIAN LEE ESTATES)	25y72h	74.00	73.53	0.0010	20.88	20.82	368
DS-26	3yr24h	74.00	70.82	0.0010	4.16	4.14	368

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-27 (LILLIAN LEE ESTATES)	100y72h	74.00	76.51	0.0007	3.12	3.00	100
DS-27 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0006	1.72	1.65	100
DS-27 (LILLIAN LEE ESTATES)	10y72h	74.00	73.13	0.0004	1.99	1.92	100
DS-27 (LILLIAN LEE ESTATES)	25y72h	74.00	74.76	0.0007	2.56	2.47	100
DS-27 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0009	0.52	0.51	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-28 (LILLIAN LEE ESTATES)	100y72h	74.00	76.37	-0.0009	21.16	21.07	694
DS-28 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	-0.0010	11.56	11.50	694
DS-28 (LILLIAN LEE ESTATES)	10y72h	74.00	73.07	0.0004	13.55	13.49	693
DS-28 (LILLIAN LEE ESTATES)	25y72h	74.00	74.66	-0.0010	17.40	17.32	693
DS-28 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0009	3.49	3.47	694

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-29 (LILLIAN LEE ESTATES)	100y72h	74.00	77.58	0.0009	7.24	7.02	148
DS-29 (LILLIAN LEE ESTATES)	10y24h	74.00	71.85	0.0006	3.98	3.88	148
DS-29 (LILLIAN LEE ESTATES)	10y72h	74.00	73.57	0.0005	4.64	4.53	148
DS-29 (LILLIAN LEE ESTATES)	25y72h	74.00	75.48	0.0008	5.95	5.80	148
DS-29 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.83	0.0009	1.21	1.19	148

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-2A (LILLIAN LEE ESTATES)	100y72h	73.50	72.95	-0.0068	34.24	34.61	334
DS-2A (LILLIAN LEE ESTATES)	10y24h	73.50	70.43	0.0037	6.93	7.45	334
DS-2A (LILLIAN LEE ESTATES)	10y72h	73.50	71.36	0.0038	8.15	9.76	334
DS-2A (LILLIAN LEE ESTATES)	25y72h	73.50	72.12	-0.0043	9.50	14.25	334
DS-2A (LILLIAN LEE ESTATES)	3yr24h	73.50	69.18	0.0017	4.83	4.14	334

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-3	100y72h	74.00	72.95	-0.0064	34.21	34.24	550

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-3 (LILLIAN LEE ESTATES)	10y24h	74.00	70.43	0.0036	5.51	6.97	550
DS-3 (LILLIAN LEE ESTATES)	10y72h	74.00	71.36	-0.0027	7.90	8.15	550
DS-3 (LILLIAN LEE ESTATES)	25y72h	74.00	72.12	-0.0037	9.18	9.50	550
DS-3 (LILLIAN LEE ESTATES)	3yr24h	74.00	69.18	0.0010	4.15	3.00	550

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-30 (LILLIAN LEE ESTATES)	100y72h	74.00	77.23	0.0008	12.09	11.96	380
DS-30 (LILLIAN LEE ESTATES)	10y24h	74.00	71.74	-0.0009	6.61	6.55	381
DS-30 (LILLIAN LEE ESTATES)	10y72h	74.00	73.42	0.0005	7.76	7.68	380
DS-30 (LILLIAN LEE ESTATES)	25y72h	74.00	75.24	0.0008	9.95	9.85	380
DS-30 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0009	2.00	1.98	381

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-31 (LILLIAN LEE ESTATES)	100y72h	74.00	78.23	-0.0010	3.95	3.83	127

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-31 (LILLIAN LEE ESTATES)	10y24h	74.00	72.03	0.0006	2.10	2.03	153
DS-31 (LILLIAN LEE ESTATES)	10y72h	74.00	73.83	0.0005	2.49	2.43	127
DS-31 (LILLIAN LEE ESTATES)	25y72h	74.00	75.92	0.0009	3.22	3.14	127
DS-31 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.83	0.0007	0.61	0.59	166

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-32 (LILLIAN LEE ESTATES)	100y72h	73.00	73.05	-0.0071	23.61	23.59	1151
DS-32 (LILLIAN LEE ESTATES)	10y24h	73.00	70.43	0.0096	25.75	7.66	1151
DS-32 (LILLIAN LEE ESTATES)	10y72h	73.00	71.37	-0.0069	8.24	8.24	1151
DS-32 (LILLIAN LEE ESTATES)	25y72h	73.00	72.11	-0.0069	21.92	21.90	1151
DS-32 (LILLIAN LEE ESTATES)	3yr24h	73.00	69.19	0.0008	3.06	1.33	1150

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-33 (LILLIAN LEE ESTATES)	100y72h	74.00	74.01	0.0006	2.43	2.34	100
DS-33 (LILLIAN LEE	10y24h	74.00	71.68	0.0010	1.29	1.23	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-33 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0006	1.53	1.47	100
DS-33 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	0.0006	1.98	1.90	100
DS-33 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0009	0.37	0.36	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-34 (LILLIAN LEE ESTATES)	100y72h	74.00	77.32	0.0008	1.18	1.13	100
DS-34 (LILLIAN LEE ESTATES)	10y24h	74.00	71.77	0.0006	0.57	0.52	100
DS-34 (LILLIAN LEE ESTATES)	10y72h	74.00	73.46	0.0005	0.72	0.67	100
DS-34 (LILLIAN LEE ESTATES)	25y72h	74.00	75.30	0.0008	0.95	0.90	100
DS-34 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0007	0.18	0.13	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-35 (LILLIAN LEE ESTATES)	100y72h	74.00	76.46	0.0007	1.18	1.08	100
DS-35 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0006	0.57	0.51	100
DS-35	10y72h	74.00	73.11	0.0004	0.72	0.65	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-35 (LILLIAN LEE ESTATES)	25y72h	74.00	74.72	0.0007	0.95	0.87	100
DS-35 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0009	0.18	0.13	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-36 (LILLIAN LEE ESTATES)	100y72h	74.00	78.58	0.0010	1.54	1.45	100
DS-36 (LILLIAN LEE ESTATES)	10y24h	74.00	72.00	0.0007	0.75	0.67	100
DS-36 (LILLIAN LEE ESTATES)	10y72h	74.00	73.92	0.0006	0.94	0.86	100
DS-36 (LILLIAN LEE ESTATES)	25y72h	74.00	76.12	0.0009	1.24	1.15	100
DS-36 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.83	0.0009	0.43	0.17	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-37 (LILLIAN LEE ESTATES)	100y72h	74.00	77.72	0.0008	1.54	1.40	100
DS-37 (LILLIAN LEE ESTATES)	10y24h	74.00	71.78	0.0008	0.75	0.67	100
DS-37 (LILLIAN LEE ESTATES)	10y72h	74.00	73.58	0.0005	0.94	0.85	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-37 (LILLIAN LEE ESTATES)	25y72h	74.00	75.54	0.0008	1.24	1.12	100
DS-37 (LILLIAN LEE ESTATES)	3yr24h	74.00	70.82	0.0010	0.43	0.17	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-4 (LILLIAN LEE ESTATES)	100y72h	74.00	72.94	-0.0177	18.63	21.30	828
DS-4 (LILLIAN LEE ESTATES)	10y24h	74.00	70.43	0.0025	4.45	4.79	828
DS-4 (LILLIAN LEE ESTATES)	10y72h	74.00	71.37	0.0027	4.96	5.40	828
DS-4 (LILLIAN LEE ESTATES)	25y72h	74.00	72.12	0.0026	6.37	6.33	828
DS-4 (LILLIAN LEE ESTATES)	3yr24h	74.00	69.18	0.0008	3.00	1.46	828

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-5 (LILLIAN LEE ESTATES)	100y72h	74.00	72.94	0.0164	25.25	18.63	579
DS-5 (LILLIAN LEE ESTATES)	10y24h	74.00	70.43	-0.0030	6.05	4.45	579
DS-5 (LILLIAN LEE ESTATES)	10y72h	74.00	71.37	-0.0032	7.26	4.96	579
DS-5 (LILLIAN LEE	25y72h	74.00	72.12	-0.0034	7.66	7.70	579

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-5 (LILLIAN LEE ESTATES)	3yr24h	74.00	69.18	0.0014	3.10	1.41	579

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-6 (LILLIAN LEE ESTATES)	100y72h	73.00	72.94	0.0364	92.91	77.86	100
DS-6 (LILLIAN LEE ESTATES)	10y24h	73.00	70.43	0.0023	3.41	6.05	100
DS-6 (LILLIAN LEE ESTATES)	10y72h	73.00	71.37	0.0030	4.69	7.26	100
DS-6 (LILLIAN LEE ESTATES)	25y72h	73.00	72.12	0.0044	7.78	7.66	100
DS-6 (LILLIAN LEE ESTATES)	3yr24h	73.00	69.18	-0.0020	0.75	3.10	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-9 (LILLIAN LEE ESTATES)	100y72h	74.00	72.97	-0.0040	19.58	19.55	489
DS-9 (LILLIAN LEE ESTATES)	10y24h	74.00	70.44	0.0010	11.15	11.25	489
DS-9 (LILLIAN LEE ESTATES)	10y72h	74.00	71.40	0.0010	15.06	15.11	489
DS-9 (LILLIAN LEE ESTATES)	25y72h	74.00	72.16	-0.0030	17.82	17.82	489
DS-9	3yr24h	74.00	69.18	0.0010	2.38	2.92	489

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
East LILLIAN LEE ESTATES Offsite	100y72h	72.00	72.95	-0.0017	116.82	14.12	572423
East LILLIAN LEE ESTATES Offsite	10y24h	72.00	70.42	-0.0017	15.07	20.83	230650
East LILLIAN LEE ESTATES Offsite	10y72h	72.00	71.35	-0.0017	76.93	7.93	428818
East LILLIAN LEE ESTATES Offsite	25y72h	72.00	72.09	-0.0017	65.55	12.14	572423
East LILLIAN LEE ESTATES Offsite	3yr24h	72.00	69.18	-0.0017	1.39	1.68	53015

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
HARVEST GROVE POND	100y72h	72.00	72.96	0.0003	84.29	23.72	83784
HARVEST GROVE POND	10y24h	72.00	71.09	0.0002	51.84	10.94	71137
HARVEST GROVE POND	10y72h	72.00	71.78	0.0002	55.19	16.34	75681
HARVEST GROVE POND	25y72h	72.00	72.39	0.0002	69.78	19.18	79853
HARVEST GROVE POND	3yr24h	72.00	70.06	0.0001	18.55	1.68	64401

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
HATHAWAY POND A (WET)	100y72h	76.10	75.79	0.0002	91.93	22.99	158436
HATHAWAY POND A (WET)	10y24h	76.10	74.12	0.0001	28.72	1.83	107774
HATHAWAY POND A (WET)	10y72h	76.10	74.64	0.0002	58.25	8.19	131280
HATHAWAY POND A (WET)	25y72h	76.10	75.10	0.0002	74.60	21.60	148650
HATHAWAY POND A (WET)	3yr24h	76.10	72.70	0.0000	6.78	0.64	92773

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
HATHAWAY POND B (DRY)	100y72h	76.10	75.79	0.0002	31.22	14.95	30056
HATHAWAY POND B (DRY)	10y24h	76.10	74.14	0.0001	11.21	5.54	30056
HATHAWAY POND B (DRY)	10y72h	76.10	74.65	0.0001	17.49	16.37	30056
HATHAWAY POND B (DRY)	25y72h	76.10	75.10	0.0002	24.31	21.83	30056
HATHAWAY POND B (DRY)	3yr24h	76.10	74.02	0.0000	1.71	0.34	30056

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK POND	100y72h	74.00	73.94	0.0001	70.40	11.65	176050

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
10							
LANCASTER PARK POND 10	10y24h	74.00	71.98	0.0001	29.65	1.95	151243
LANCASTER PARK POND 10	10y72h	74.00	72.53	0.0001	41.57	4.34	154821
LANCASTER PARK POND 10	25y72h	74.00	73.33	0.0001	55.96	7.72	160087
LANCASTER PARK POND 10	3yr24h	74.00	71.26	0.0000	6.13	0.40	146537

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK POND 11	100y72h	75.50	74.76	0.0001	84.13	5.07	239120
LANCASTER PARK POND 11	10y24h	75.50	72.95	0.0000	37.22	0.67	216908
LANCASTER PARK POND 11	10y72h	75.50	73.73	0.0001	50.10	0.98	224526
LANCASTER PARK POND 11	25y72h	75.50	74.08	0.0001	67.12	4.32	228175
LANCASTER PARK POND 11	3yr24h	75.50	72.13	0.0000	8.40	0.42	208992

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-1	100y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-1	10y24h	71.00	70.00	0.0003	0.00	0.00	0

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-1	10y72h	71.00	70.00	0.0004	0.00	0.00	0
LANCASTER PARK TW-1	25y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-1	3yr24h	71.00	68.17	0.0003	0.00	0.00	0

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-3	100y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	10y24h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	10y72h	71.00	70.00	0.0004	0.00	0.00	0
LANCASTER PARK TW-3	25y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	3yr24h	71.00	69.90	0.0003	0.00	0.00	0

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LAURA LEE HILL (NORTH)	100y72h	72.00	72.94	-0.0357	63.81	78.75	100
LAURA LEE HILL (NORTH)	10y24h	72.00	71.03	0.0000	3.41	3.41	100
LAURA LEE HILL (NORTH)	10y72h	72.00	71.37	-0.0002	4.69	4.69	100
LAURA LEE HILL (NORTH)	25y72h	72.00	72.12	0.0010	6.30	6.30	100
LAURA LEE HILL (NORTH)	3yr24h	72.00	71.01	0.0000	0.75	0.75	100

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LILLIAN LEE DUMMY-1	100y72h	0.00	73.08	-0.2452	501.18	461.41	866
LILLIAN LEE DUMMY-1	10y24h	0.00	70.41	0.0048	17.20	9.89	866
LILLIAN LEE DUMMY-1	10y72h	0.00	71.34	-0.0161	56.00	15.75	866
LILLIAN LEE DUMMY-1	25y72h	0.00	72.16	-0.1129	236.70	204.64	866
LILLIAN LEE DUMMY-1	3yr24h	0.00	69.18	0.0048	17.20	12.38	866

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LILLIAN LEE DUMMY-2	100y72h	0.00	73.71	-0.0010	12.81	12.47	831
LILLIAN LEE DUMMY-2	10y24h	0.00	70.42	0.0089	8.90	3.97	831
LILLIAN LEE DUMMY-2	10y72h	0.00	71.35	0.0006	6.25	6.21	831
LILLIAN LEE DUMMY-2	25y72h	0.00	72.32	0.0004	9.51	9.47	831
LILLIAN LEE DUMMY-2	3yr24h	0.00	69.18	0.0006	1.68	1.61	831

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LK SATILLA NORTH (POND 1 NORTH)	100y72h	71.00	70.03	0.0002	259.39	79.49	366320
LK SATILLA NORTH (POND 1 NORTH)	10y24h	71.00	68.28	0.0001	87.52	18.47	347065
LK SATILLA NORTH (POND 1	10y72h	71.00	68.73	0.0001	132.49	41.51	351752

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NORTH)							
LK SATILLA NORTH (POND 1 NORTH)	25y72h	71.00	69.25	0.0001	202.34	72.48	357330
LK SATILLA NORTH (POND 1 NORTH)	3yr24h	71.00	67.45	0.0000	17.62	1.71	338401

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LK SATILLA SOUTH (POND 2 SOUTH)	100y72h	70.50	71.64	-0.0166	243.06	66.02	293907
LK SATILLA SOUTH (POND 2 SOUTH)	10y24h	70.50	69.84	-0.0166	115.38	16.69	277257
LK SATILLA SOUTH (POND 2 SOUTH)	10y72h	70.50	70.24	-0.0166	143.47	36.29	280618
LK SATILLA SOUTH (POND 2 SOUTH)	25y72h	70.50	70.94	-0.0166	193.21	55.41	286407
LK SATILLA SOUTH (POND 2 SOUTH)	3yr24h	70.50	69.16	-0.0166	25.84	16.58	271802

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NTH DTCH DUMMY-1	100y72h	68.70	68.24	0.0010	76.28	74.40	107532
NTH DTCH	10y24h	68.70	65.54	0.0010	64.37	45.61	73332

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DUMMY-1							
NTH DTCH DUMMY-1	10y72h	68.70	66.38	0.0010	52.39	49.36	107532
NTH DTCH DUMMY-1	25y72h	68.70	67.30	0.0010	70.97	68.70	107532
NTH DTCH DUMMY-1	3yr24h	68.70	65.24	0.0010	26.03	14.37	50580

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NTH DTCH DUMMY-2	100y72h	68.70	68.29	0.0010	96.70	75.46	225000
NTH DTCH DUMMY-2	10y24h	68.70	65.62	0.0010	21.14	21.10	74572
NTH DTCH DUMMY-2	10y72h	68.70	66.49	0.0010	52.98	46.75	163068
NTH DTCH DUMMY-2	25y72h	68.70	67.39	0.0010	87.49	67.67	225000
NTH DTCH DUMMY-2	3yr24h	68.70	65.24	0.0010	14.48	2.52	46329

Node Max Conditions [pre development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND (LILLIAN LEE)	100y72h	74.00	73.95	0.0003	68.84	20.58	96643
POND (LILLIAN LEE)	10y24h	74.00	71.67	0.0001	37.14	1.96	75745
POND (LILLIAN LEE)	10y72h	74.00	72.63	0.0002	43.91	2.95	82420
POND (LILLIAN LEE)	25y72h	74.00	73.53	0.0002	56.51	3.44	92436
POND (LILLIAN LEE)	3yr24h	74.00	70.82	0.0000	11.07	0.35	70737

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 1	100y72h	10.61	0.00	0.01	0.84	0.84	0.84
AP OVERFLOW 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 2	100y72h	14.15	0.00	0.01	0.90	0.90	0.90
AP OVERFLOW 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 3	100y72h	28.31	0.00	0.02	0.90	0.90	0.90
AP OVERFLOW 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
ASHTON CS-1 - Pipe	100y72h	19.07	0.00	-0.17	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	100y72h	13.97	0.00	-0.35	4.99	4.99	4.99
ASHTON CS-1 - Weir: 2	100y72h	13.16	0.00	0.00	1.94	1.94	1.94
ASHTON CS-1 - Pipe	10y24h	11.04	0.00	-0.16	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	10y24h	11.04	0.00	-0.32	3.94	3.94	3.94
ASHTON CS-1 - Weir: 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Pipe	10y72h	14.87	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	10y72h	14.87	0.00	0.00	5.31	5.31	5.31
ASHTON CS-1 - Weir: 2	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Pipe	25y72h	17.66	0.00	-0.01	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	25y72h	14.78	0.00	-0.02	5.28	5.28	5.28
ASHTON CS-1 - Weir: 2	25y72h	7.53	0.00	0.01	1.75	1.75	1.75
ASHTON CS-1 - Pipe	3yr24h	2.30	0.00	0.01	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	3yr24h	2.30	0.00	0.03	1.43	1.43	1.43
ASHTON CS-1 - Weir: 2	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CR-15 CROSS CULVERT	100y72h	74.30	-42.26	-6.80	7.32	7.32	7.32
CR-15 CROSS CULVERT	10y24h	28.76	-28.15	-22.78	-2.87	-5.72	-4.17
CR-15 CROSS CULVERT	10y72h	49.36	-33.14	9.81	4.86	-6.03	4.86
CR-15 CROSS CULVERT	25y72h	68.67	-33.15	11.11	6.76	6.76	6.76

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CR-15 CROSS CULVERT	3yr24h	2.70	-28.14	1.24	-2.87	-5.72	-4.17

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CROSS CULVERT LILLIAN LEE	100y72h	24.48	-20.40	-24.49	1.95	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	10y24h	11.08	-8.12	9.41	1.45	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	10y72h	14.69	-5.81	14.58	1.45	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	25y72h	18.60	-12.82	18.41	1.48	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	3yr24h	8.09	-12.38	8.09	1.45	-2.74	-2.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-1 (LILLIAN LEPAN) - Pipe	100y72h	20.58	0.00	0.01	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	100y72h	18.64	0.00	0.01	2.15	2.15	2.15
CS-1 (LILLIAN LEPAN) - Weir: 2	100y72h	0.48	0.00	0.00	7.23	7.23	7.23
CS-1 (LILLIAN LEPAN) - Weir: 3	100y72h	3.02	0.00	0.01	7.23	7.23	7.23

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-1 (LILLIAN LEPAN) - Pipe	10y24h	1.96	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	10y24h	0.43	0.00	0.00	6.43	6.43	6.43
CS-1 (LILLIAN LEPAN) - Weir: 3	10y24h	1.60	0.00	0.00	3.82	3.82	3.82
CS-1 (LILLIAN LEPAN) - Pipe	10y72h	2.95	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	10y72h	0.46	0.00	0.00	6.81	6.81	6.81
CS-1 (LILLIAN LEPAN) - Weir: 3	10y72h	2.53	0.00	0.00	6.07	6.07	6.07
CS-1 (LILLIAN LEPAN) - Pipe	25y72h	3.44	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	25y72h	0.32	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	25y72h	0.48	0.00	0.00	7.10	7.10	7.10
CS-1 (LILLIAN LEPAN) - Weir: 3	25y72h	2.96	0.00	0.00	7.10	7.10	7.10
CS-1 (LILLIAN	3yr24h	0.35	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LEPAN) - Pipe							
CS-1 (LILLIAN LEPAN) - Weir: 1	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	3yr24h	0.35	0.00	0.00	5.21	5.21	5.21
CS-1 (LILLIAN LEPAN) - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-3 FOR CR 15 PND 3 - Pipe	100y72h	6.99	-0.21	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	100y72h	0.09	-0.21	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	100y72h	6.92	0.00	-0.01	1.87	1.87	1.87
CS-3 FOR CR 15 PND 3 - Pipe	10y24h	1.16	-0.13	0.01	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	10y24h	0.21	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	10y24h	0.97	0.00	0.01	1.49	1.49	1.49
CS-3 FOR CR 15 PND 3 - Pipe	10y72h	6.05	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	10y72h	0.20	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 -	10y72h	5.89	0.00	0.00	2.71	2.71	2.71

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Weir: 2							
CS-3 FOR CR 15 PND 3 - Pipe	25y72h	7.80	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	25y72h	0.18	-0.16	0.01	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	25y72h	7.68	0.00	0.00	2.67	2.67	2.67
CS-3 FOR CR 15 PND 3 - Pipe	3yr24h	0.16	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	3yr24h	0.16	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-A (HARVEST GROVE) - Pipe	100y72h	23.72	0.00	-0.50	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	100y72h	0.46	0.00	-0.03	5.32	5.32	5.32
CS-A (HARVEST GROVE) - Weir: 2	100y72h	19.03	0.00	-1.02	3.28	3.28	3.28
CS-A (HARVEST GROVE) - Weir: 3	100y72h	14.40	0.00	-0.34	1.72	1.72	1.72
CS-A (HARVEST GROVE) - Pipe	10y24h	10.94	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-A (HARVEST GROVE) - Weir: 1	10y24h	0.48	0.00	0.00	5.60	5.60	5.60
CS-A (HARVEST GROVE) - Weir: 2	10y24h	10.53	0.00	-0.01	3.51	3.51	3.51
CS-A (HARVEST GROVE) - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Pipe	10y72h	16.34	0.00	-0.01	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	10y72h	0.45	0.00	0.00	5.31	5.31	5.31
CS-A (HARVEST GROVE) - Weir: 2	10y72h	15.97	0.00	0.01	3.62	3.62	3.62
CS-A (HARVEST GROVE) - Weir: 3	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Pipe	25y72h	19.18	0.00	-0.01	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	25y72h	0.45	0.00	0.00	5.22	5.22	5.22
CS-A (HARVEST GROVE) - Weir: 2	25y72h	18.86	0.00	-0.02	3.52	3.52	3.52
CS-A (HARVEST GROVE) - Weir: 3	25y72h	0.58	0.00	0.00	0.00	0.00	0.00
CS-A (HARVEST GROVE) -	3yr24h	1.68	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Pipe							
CS-A (HARVEST GROVE) - Weir: 1	3yr24h	0.48	0.00	0.00	5.63	5.63	5.63
CS-A (HARVEST GROVE) - Weir: 2	3yr24h	1.22	0.00	0.00	1.77	1.77	1.77
CS-A (HARVEST GROVE) - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
East Offsite	100y72h	14.12	-109.58	-7.56	-0.24	-0.24	-0.24
East Offsite	10y24h	16.79	-15.07	-1.81	0.72	0.72	0.72
East Offsite	10y72h	7.22	-73.58	44.88	-0.25	-0.25	-0.25
East Offsite	25y72h	12.14	-60.13	-0.42	-0.21	-0.21	-0.21
East Offsite	3yr24h	0.13	-1.39	-1.22	-0.45	-0.45	-0.45

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
East Swale	100y72h	36.49	-17.53	-3.43	0.79	-0.95	-0.48
East Swale	10y24h	0.00	-0.30	-0.04	0.03	-0.68	-0.34
East Swale	10y72h	0.34	-7.45	-0.66	0.24	-0.90	-0.45
East Swale	25y72h	5.05	-13.53	1.48	0.49	-0.93	-0.47
East Swale	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
HATHAWAY	100y72h	14.95	0.00	0.00	1.28	1.28	1.28

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
OVERFLOW							
HATHAWAY OVERFLOW	10y24h	5.54	0.00	0.00	1.06	1.06	1.06
HATHAWAY OVERFLOW	10y72h	16.37	0.00	-0.02	1.50	1.50	1.50
HATHAWAY OVERFLOW	25y72h	21.83	0.00	-0.51	0.07	0.07	0.07
HATHAWAY OVERFLOW	3yr24h	0.34	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
HATHAWAY-POND A - Pipe	100y72h	22.99	0.00	0.05	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 1	100y72h	18.63	0.00	0.01	2.06	2.06	2.06
HATHAWAY-POND A - Weir: 2	100y72h	1.27	0.00	0.09	6.45	6.45	6.45
HATHAWAY-POND A - Weir: 3	100y72h	10.78	0.00	-0.01	3.95	3.95	3.95
HATHAWAY-POND A - Pipe	10y24h	1.83	0.00	-0.01	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 2	10y24h	1.27	0.00	-0.02	6.45	6.45	6.45
HATHAWAY-POND A - Weir: 3	10y24h	0.56	0.00	0.00	1.11	1.11	1.11
HATHAWAY-POND A - Pipe	10y72h	8.19	0.00	0.00	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 1	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 2	10y72h	1.27	0.00	0.01	6.45	6.45	6.45

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
HATHAWAY-POND A - Weir: 3	10y72h	6.95	0.00	0.00	2.57	2.57	2.57
HATHAWAY-POND A - Pipe	25y72h	21.60	0.00	0.05	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 1	25y72h	13.44	0.00	-0.01	2.05	2.05	2.05
HATHAWAY-POND A - Weir: 2	25y72h	1.28	0.00	0.09	6.53	6.53	6.53
HATHAWAY-POND A - Weir: 3	25y72h	10.74	0.00	0.00	3.93	3.93	3.93
HATHAWAY-POND A - Pipe	3yr24h	0.64	0.00	0.00	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 1	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00
HATHAWAY-POND A - Weir: 2	3yr24h	0.64	0.00	0.00	3.24	3.24	3.24
HATHAWAY-POND A - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
L-0890P	100y72h	1.68	-8.22	-0.19	-6.70	-6.70	-6.70
L-0890P	10y24h	5.48	-1.71	5.48	4.46	4.54	4.50
L-0890P	10y72h	1.68	-4.33	0.39	-3.53	-3.53	-3.53
L-0890P	25y72h	1.68	-6.64	-0.19	-5.41	-5.41	-5.41
L-0890P	3yr24h	1.68	-0.08	-0.22	2.38	3.53	2.96

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LANCASTER PK DS-P10 -	100y72h	11.65	0.00	-0.93	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Pipe							
LANCASTER PK DS-P10 - Weir: 1	100y72h	0.61	0.00	0.01	5.54	5.54	5.54
LANCASTER PK DS-P10 - Weir: 2	100y72h	7.33	0.00	-1.08	3.50	3.50	3.50
LANCASTER PK DS-P10 - Weir: 3	100y72h	8.44	0.00	-0.08	1.64	1.64	1.64
LANCASTER PK DS-P10 - Pipe	10y24h	1.95	0.00	-0.02	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	10y24h	0.60	0.00	0.00	5.47	5.47	5.47
LANCASTER PK DS-P10 - Weir: 2	10y24h	1.34	0.00	-0.02	2.40	2.40	2.40
LANCASTER PK DS-P10 - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Pipe	10y72h	4.34	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	10y72h	0.68	0.00	0.00	6.12	6.12	6.12
LANCASTER PK DS-P10 - Weir: 2	10y72h	3.73	0.00	0.00	3.37	3.37	3.37
LANCASTER PK DS-P10 - Weir: 3	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Pipe	25y72h	7.72	0.00	-0.01	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	25y72h	0.61	0.00	0.00	5.49	5.49	5.49
LANCASTER PK DS-P10 - Weir: 2	25y72h	7.18	0.00	-0.02	3.83	3.83	3.83
LANCASTER PK DS-P10 - Weir: 3	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER	3yr24h	0.40	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
PK DS-P10 - Pipe							
LANCASTER PK DS-P10 - Weir: 1	3yr24h	0.40	0.00	0.00	3.64	3.64	3.64
LANCASTER PK DS-P10 - Weir: 2	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LANCASTER PK DS-P11 - Pipe	100y72h	5.07	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	100y72h	0.83	0.00	0.00	6.06	6.06	6.06
LANCASTER PK DS-P11 - Weir: 2	100y72h	4.98	0.00	0.00	1.35	1.35	1.35
LANCASTER PK DS-P11 - Pipe	10y24h	0.67	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	10y24h	0.67	0.00	0.00	4.95	4.95	4.95
LANCASTER PK DS-P11 - Weir: 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Pipe	10y72h	0.98	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	10y72h	0.84	0.00	0.00	6.19	6.19	6.19
LANCASTER PK DS-P11 - Weir: 2	10y72h	0.21	0.00	0.00	0.00	0.00	0.00
LANCASTER	25y72h	4.32	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
PK DS-P11 - Pipe							
LANCASTER PK DS-P11 - Weir: 1	25y72h	0.83	0.00	0.00	6.08	6.08	6.08
LANCASTER PK DS-P11 - Weir: 2	25y72h	4.20	0.00	0.01	1.35	1.35	1.35
LANCASTER PK DS-P11 - Pipe	3yr24h	0.42	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	3yr24h	0.42	0.00	0.00	3.11	3.11	3.11
LANCASTER PK DS-P11 - Weir: 2	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEE RD	100y72h	476.70	-420.35	-476.70	2.32	2.32	2.32
LILLIAN LEE RD	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LILLIAN LEE RD	10y72h	47.73	0.00	-47.73	1.28	1.28	1.28
LILLIAN LEE RD	25y72h	221.72	-173.43	-221.72	1.87	1.87	1.87
LILLIAN LEE RD	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEE X-CULVERT-1	100y72h	21.96	-16.58	-2.18	4.47	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	10y24h	9.89	-16.58	-0.34	-3.38	-5.99	-4.68
LILLIAN LEE	10y72h	15.15	-16.58	-0.53	-3.38	-5.99	-4.68

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
X-CULVERT-1							
LILLIAN LEE X-CULVERT-1	25y72h	18.89	-16.58	-0.58	3.85	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	3yr24h	4.19	-16.58	0.29	-3.38	-5.99	-4.68

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEEX-CULVERT-2	100y72h	5.40	-0.08	0.07	3.23	3.06	3.06
LILLIAN LEEX-CULVERT-2	10y24h	2.47	-2.65	-2.65	3.23	-1.50	2.05
LILLIAN LEEX-CULVERT-2	10y72h	3.64	-0.08	0.07	3.23	2.06	2.06
LILLIAN LEEX-CULVERT-2	25y72h	4.62	-0.08	0.07	3.23	2.61	2.61
LILLIAN LEEX-CULVERT-2	3yr24h	1.61	-0.45	0.07	3.23	-1.10	2.05

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-1 - Pipe	100y72h	79.49	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	100y72h	2.18	0.00	0.00	6.19	6.19	6.19
LK SATILLA CS-1 - Weir: 2	100y72h	30.03	0.00	-0.03	5.00	5.00	5.00
LK SATILLA CS-1 - Weir: 3	100y72h	60.14	0.00	0.03	3.05	3.05	3.05
LK SATILLA	10y24h	18.47	0.00	-0.12	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-1 - Pipe							
LK SATILLA CS-1 - Weir: 1	10y24h	2.04	0.00	-0.01	5.79	5.79	5.79
LK SATILLA CS-1 - Weir: 2	10y24h	16.43	0.00	-0.22	3.04	3.04	3.04
LK SATILLA CS-1 - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LK SATILLA CS-1 - Pipe	10y72h	41.51	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	10y72h	2.31	0.00	-0.01	6.56	6.56	6.56
LK SATILLA CS-1 - Weir: 2	10y72h	26.61	0.00	-0.14	4.44	4.44	4.44
LK SATILLA CS-1 - Weir: 3	10y72h	12.68	0.00	-0.01	1.89	1.89	1.89
LK SATILLA CS-1 - Pipe	25y72h	72.48	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	25y72h	2.33	0.00	0.00	6.62	6.62	6.62
LK SATILLA CS-1 - Weir: 2	25y72h	30.75	0.00	0.05	5.13	5.13	5.13
LK SATILLA CS-1 - Weir: 3	25y72h	47.14	0.00	0.03	2.87	2.87	2.87
LK SATILLA CS-1 - Pipe	3yr24h	1.71	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	3yr24h	1.33	0.00	0.00	3.78	3.78	3.78
LK SATILLA CS-1 - Weir: 2	3yr24h	0.38	0.00	0.00	0.86	0.86	0.86
LK SATILLA CS-1 - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-2 - Pipe	100y72h	60.41	0.00	0.03	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	100y72h	1.42	0.00	0.06	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	100y72h	15.67	0.00	-0.05	3.90	3.90	3.90
LK SATILLA CS-2 - Weir: 3	100y72h	49.63	0.00	0.02	2.51	2.51	2.51
LK SATILLA CS-2 - Pipe	10y24h	16.69	0.00	-0.09	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	10y24h	1.42	0.00	-0.04	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	10y24h	12.91	0.00	-0.19	3.21	3.21	3.21
LK SATILLA CS-2 - Weir: 3	10y24h	2.46	0.00	-0.01	1.10	1.10	1.10
LK SATILLA CS-2 - Pipe	10y72h	36.27	0.00	0.62	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	10y72h	1.42	0.00	-0.09	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	10y72h	15.67	0.00	0.75	3.90	3.90	3.90
LK SATILLA CS-2 - Weir: 3	10y72h	22.12	0.00	0.44	2.26	2.26	2.26
LK SATILLA CS-2 - Pipe	25y72h	52.59	0.00	1.69	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	25y72h	1.42	0.00	-0.09	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	25y72h	15.70	0.00	1.08	3.90	3.90	3.90
LK SATILLA CS-2 - Weir: 3	25y72h	43.21	0.00	2.22	2.28	2.28	2.28
LK SATILLA CS-2 - Pipe	3yr24h	2.08	0.00	0.01	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-2 - Weir: 1	3yr24h	1.38	0.00	0.01	5.17	5.17	5.17
LK SATILLA CS-2 - Weir: 2	3yr24h	0.70	0.00	0.00	1.06	1.06	1.06
LK SATILLA CS-2 - Weir: 3	3yr24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NORTH OFF SITE	100y72h	78.75	-59.13	-78.76	0.74	0.74	0.74
NORTH OFF SITE	10y24h	3.41	0.00	0.00	0.00	0.00	0.00
NORTH OFF SITE	10y72h	4.69	0.00	-0.50	0.07	0.07	0.07
NORTH OFF SITE	25y72h	6.30	-0.38	-5.41	0.37	0.37	0.37
NORTH OFF SITE	3yr24h	0.75	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NTH DITCH-1	100y72h	74.40	-53.52	-40.47	-1.28	-4.52	-2.88
NTH DITCH-1	10y24h	45.61	-61.58	-61.58	-1.22	-3.98	-2.50
NTH DITCH-1	10y72h	49.36	-50.36	-25.26	-1.13	-4.19	-2.65
NTH DITCH-1	25y72h	68.70	-65.35	-32.78	-1.15	-4.19	-2.65
NTH DITCH-1	3yr24h	2.78	-26.03	2.03	-1.06	-3.98	-2.50

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NTH DITCH-2	100y72h	75.46	-22.57	0.63	0.88	-3.77	-2.27
NTH DITCH-2	10y24h	21.10	-14.38	0.34	-0.66	-3.36	-2.00
NTH DITCH-2	10y72h	46.75	-17.15	0.40	0.89	-3.53	-2.11
NTH DITCH-2	25y72h	67.67	-17.15	0.55	1.02	-3.53	-2.11
NTH DITCH-2	3yr24h	2.52	-14.37	-0.28	-0.66	-3.36	-2.00

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P-11	100y72h	57.87	-76.98	57.87	-5.45	-5.45	-5.45
P-11	10y24h	8.92	-8.18	-7.38	-1.10	-2.59	-1.83
P-11	10y72h	15.95	-20.73	15.64	-1.47	-2.59	-1.83
P-11	25y72h	35.62	-29.42	35.62	2.52	-2.59	2.52
P-11	3yr24h	4.37	-7.13	5.23	-1.10	-2.59	-1.83

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P1	100y72h	54.43	-15.75	42.93	4.33	4.33	4.33
P1	10y24h	14.58	-4.45	-5.07	1.16	-2.31	-1.49
P1	10y72h	20.41	-1.72	10.19	1.62	-2.31	1.62
P1	25y72h	31.84	-4.09	31.84	2.53	2.53	2.53
P1	3yr24h	5.26	-6.18	4.91	-0.68	-2.31	-1.49

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P10	100y72h	19.55	-3.03	4.89	3.86	3.86	3.86
P10	10y24h	11.25	-0.75	2.16	2.22	2.22	2.22
P10	10y72h	15.11	-0.34	2.14	2.99	2.99	2.99
P10	25y72h	17.82	-2.71	3.79	3.52	3.52	3.52
P10	3yr24h	2.92	-0.65	1.91	-0.80	-1.76	-1.25

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P12	100y72h	8.35	-32.81	3.81	-2.32	-2.32	-2.32
P12	10y24h	6.05	-5.50	3.68	0.43	-1.91	-1.16
P12	10y72h	7.96	-20.26	-3.45	-1.43	-1.91	-1.43
P12	25y72h	8.18	-25.78	-3.50	-1.82	-1.91	-1.82
P12	3yr24h	3.50	-5.49	-3.50	-0.42	-1.91	-1.16

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P13	100y72h	23.59	-2.96	7.58	3.34	3.34	3.34
P13	10y24h	7.66	-25.75	-22.66	-3.64	-3.65	-3.65
P13	10y72h	8.24	-4.92	7.00	1.17	1.17	1.17
P13	25y72h	21.90	-6.44	7.11	3.10	3.10	3.10
P13	3yr24h	1.33	-3.06	1.12	-0.68	-2.95	-1.73

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P13A	100y72h	23.61	-1.81	-1.81	4.81	4.81	4.81
P13A	10y24h	1.86	0.00	-0.39	15.78	0.38	7.97
P13A	10y72h	8.24	-0.95	-1.19	2.55	1.68	2.03
P13A	25y72h	21.92	-0.99	-0.98	4.47	4.47	4.47
P13A	3yr24h	0.65	0.00	-0.01	1.58	0.13	0.86

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P14	100y72h	23.64	0.00	-0.47	4.82	4.82	4.82
P14	10y24h	1.85	0.00	-0.01	1.84	2.54	2.08
P14	10y72h	8.27	0.00	-0.01	2.78	2.58	2.68
P14	25y72h	21.94	0.00	-0.23	4.47	4.47	4.47
P14	3yr24h	0.65	0.00	0.00	1.56	1.58	1.57

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P15	100y72h	23.82	0.00	0.26	7.58	7.58	7.58
P15	10y24h	12.45	0.00	-0.13	3.96	3.96	3.96
P15	10y72h	15.07	0.00	-0.11	4.80	4.80	4.80
P15	25y72h	19.49	0.00	0.37	6.20	6.20	6.20
P15	3yr24h	3.56	0.00	0.09	1.13	1.13	1.13

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P16	100y72h	22.15	0.00	0.37	7.05	7.05	7.05
P16	10y24h	11.55	0.00	0.09	3.68	3.68	3.68
P16	10y72h	14.00	0.00	0.26	4.46	4.46	4.46
P16	25y72h	18.12	-0.10	0.43	5.77	5.77	5.77
P16	3yr24h	3.29	0.00	0.60	1.05	1.05	1.05

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P17	100y72h	5.23	0.00	0.16	4.26	4.26	4.26
P17	10y24h	2.74	0.00	-0.11	2.23	2.23	2.23
P17	10y72h	3.30	0.00	0.04	2.69	2.69	2.69
P17	25y72h	4.28	0.00	0.11	3.48	3.48	3.48
P17	3yr24h	0.78	0.00	-0.04	1.03	1.34	1.17

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P18	100y72h	12.01	-0.01	0.10	3.82	3.82	3.82
P18	10y24h	6.14	-0.03	0.09	1.95	1.95	1.95
P18	10y72h	7.55	-0.01	-0.09	2.40	2.40	2.40
P18	25y72h	9.80	-0.01	0.13	3.12	3.12	3.12
P18	3yr24h	1.70	-0.04	0.08	0.77	0.54	0.54

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P19	100y72h	7.18	-0.07	0.43	4.06	4.06	4.06
P19	10y24h	3.54	0.00	0.19	2.00	2.00	2.00
P19	10y72h	4.45	0.00	0.12	2.52	2.52	2.52
P19	25y72h	5.83	-0.09	0.24	3.30	3.30	3.30
P19	3yr24h	0.93	0.00	-0.09	0.79	0.95	0.53

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P2	100y72h	34.24	-9.84	9.51	2.72	2.72	2.72
P2	10y24h	6.93	-2.94	6.93	1.01	1.78	1.30
P2	10y72h	8.15	-0.38	5.64	1.01	1.78	1.30
P2	25y72h	9.50	-0.40	6.75	1.01	1.78	1.30
P2	3yr24h	2.18	-4.14	-2.42	1.01	1.78	1.30

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P20	100y72h	7.27	0.00	0.42	5.92	5.92	5.92
P20	10y24h	3.95	0.00	-0.10	3.22	3.22	3.22
P20	10y72h	4.60	0.00	0.11	3.75	3.75	3.75
P20	25y72h	5.94	0.00	0.37	4.84	4.84	4.84
P20	3yr24h	1.20	0.00	-0.14	0.97	0.97	0.97

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P21	100y72h	4.58	-0.67	0.70	3.73	3.73	3.73
P21	10y24h	2.37	-0.01	0.20	1.93	1.93	1.93
P21	10y72h	2.86	0.00	-0.06	2.33	2.33	2.33
P21	25y72h	3.72	-0.47	0.70	3.03	3.03	3.03
P21	3yr24h	0.67	-0.01	-0.16	0.54	0.54	0.54

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P22	100y72h	25.35	0.00	-0.46	5.16	5.16	5.16
P22	10y24h	13.78	0.00	-1.09	2.81	2.81	2.81
P22	10y72h	16.19	0.00	0.44	3.30	3.30	3.30
P22	25y72h	20.82	0.00	0.60	4.24	4.24	4.24
P22	3yr24h	4.14	0.00	0.19	0.84	0.84	0.84

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P23	100y72h	21.07	0.00	-0.46	6.65	6.65	6.65
P23	10y24h	11.50	-0.01	0.73	3.63	3.63	3.63
P23	10y72h	13.49	0.00	0.20	4.26	4.26	4.26
P23	25y72h	17.32	0.00	-0.50	5.46	5.46	5.46
P23	3yr24h	3.47	-0.01	0.10	1.10	1.10	1.10

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P24	100y72h	3.00	0.00	0.13	2.45	2.45	2.45
P24	10y24h	1.65	0.00	-0.19	1.35	1.35	1.35
P24	10y72h	1.92	0.00	0.06	1.57	1.57	1.57
P24	25y72h	2.47	0.00	-0.10	2.01	2.01	2.01
P24	3yr24h	0.51	0.00	0.05	0.41	0.62	0.41

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P25	100y72h	11.96	-0.01	-0.25	3.77	3.77	3.77
P25	10y24h	6.55	-0.03	-0.62	2.07	2.07	2.07
P25	10y72h	7.68	-0.01	-0.10	2.42	2.42	2.42
P25	25y72h	9.85	-0.01	0.29	3.11	3.11	3.11
P25	3yr24h	1.98	-0.04	0.13	1.07	0.62	0.71

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P26	100y72h	7.02	0.00	0.17	4.08	4.08	4.08
P26	10y24h	3.88	0.00	-0.45	2.25	2.25	2.25
P26	10y72h	4.53	0.00	-0.09	2.63	2.63	2.63
P26	25y72h	5.80	0.00	0.28	3.36	3.36	3.36
P26	3yr24h	1.19	0.00	0.08	1.24	1.88	1.55

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P28	100y72h	1.13	-0.01	0.02	1.44	1.44	1.44
P28	10y24h	0.52	-0.05	-0.09	0.66	-0.67	0.66
P28	10y72h	0.67	-0.01	0.05	0.86	0.86	0.86
P28	25y72h	0.90	-0.01	0.02	1.15	1.15	1.15
P28	3yr24h	0.13	-0.13	0.02	-0.16	-0.91	-0.51

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P29	100y72h	1.08	-0.01	-0.04	1.38	1.38	1.38
P29	10y24h	0.51	-0.05	-0.07	0.65	0.65	0.65
P29	10y72h	0.65	-0.01	-0.02	0.83	0.83	0.83
P29	25y72h	0.87	-0.01	-0.04	1.10	1.10	1.10
P29	3yr24h	0.13	-0.13	0.02	-0.16	-0.46	-0.26

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P2A	100y72h	34.61	-9.46	15.12	2.75	2.75	2.75
P2A	10y24h	7.45	-3.68	7.36	0.86	1.50	1.15
P2A	10y72h	9.76	-0.71	8.04	0.86	1.50	1.15
P2A	25y72h	14.25	-5.02	14.25	1.13	1.50	1.15
P2A	3yr24h	2.70	-4.83	-3.93	0.86	1.51	1.15

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P3	100y72h	18.42	-11.72	-8.06	1.91	1.91	1.91
P3	10y24h	4.79	-1.62	-3.98	0.98	1.87	1.41
P3	10y72h	5.40	-1.08	-4.15	0.98	1.87	1.41
P3	25y72h	6.33	-2.15	-3.96	0.98	1.87	1.41
P3	3yr24h	1.46	-3.00	-1.11	0.98	1.87	1.41

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P30	100y72h	1.45	-0.02	0.01	1.84	1.84	1.84
P30	10y24h	0.67	-0.08	0.07	0.86	-0.97	0.86
P30	10y72h	0.86	-0.02	0.02	1.10	1.10	1.10
P30	25y72h	1.15	-0.02	0.04	1.47	1.47	1.47
P30	3yr24h	0.17	-0.27	0.01	1.12	1.48	1.27

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P31	100y72h	1.40	-0.02	0.02	1.78	1.78	1.78
P31	10y24h	0.67	-0.09	-0.02	0.85	-1.06	0.85
P31	10y72h	0.85	-0.02	-0.01	1.08	1.08	1.08
P31	25y72h	1.12	-0.02	0.07	1.43	1.43	1.43
P31	3yr24h	0.17	-0.30	0.01	1.07	1.37	1.20

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P32	100y72h	2.34	-0.01	-0.07	1.90	1.90	1.90
P32	10y24h	1.23	-0.01	-0.21	1.00	1.00	1.00
P32	10y72h	1.47	0.00	0.04	1.20	1.20	1.20
P32	25y72h	1.90	-0.01	0.13	1.55	1.55	1.55
P32	3yr24h	0.36	-0.05	0.03	0.29	0.29	0.29

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P4	100y72h	18.63	-21.30	-21.30	-2.21	-2.23	-2.22
P4	10y24h	4.45	-0.57	3.13	1.15	1.08	1.11
P4	10y72h	4.96	-0.13	3.17	1.15	1.08	1.11
P4	25y72h	6.37	-3.32	-3.32	1.15	1.08	1.11
P4	3yr24h	1.41	-1.24	1.41	1.15	1.08	1.11

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P5	100y72h	25.25	-16.01	24.54	2.62	2.62	2.62
P5	10y24h	6.05	-0.21	-5.74	0.63	0.63	0.63
P5	10y72h	7.26	-1.19	6.71	0.75	0.75	0.75
P5	25y72h	7.66	-7.70	7.70	-0.81	-0.81	-0.81
P5	3yr24h	3.10	-0.02	-3.10	0.32	-0.38	0.32

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P7	100y72h	3.83	0.00	0.13	3.03	3.03	3.03
P7	10y24h	2.03	0.00	0.11	1.61	1.61	1.61
P7	10y72h	2.43	0.00	0.12	1.92	1.92	1.92
P7	25y72h	3.14	-0.03	0.19	2.48	2.48	2.48
P7	3yr24h	0.59	0.00	0.09	0.95	1.46	1.15

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P8	100y72h	19.58	-4.48	-4.48	3.99	3.99	3.99
P8	10y24h	11.15	-0.21	-0.45	2.27	2.27	2.27
P8	10y72h	15.06	-0.14	0.45	3.07	3.07	3.07
P8	25y72h	17.82	-4.11	-4.11	3.63	3.63	3.63
P8	3yr24h	2.38	-0.23	-0.56	0.48	0.48	0.48

Link Min/Max Conditions [pre development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P8A	100y72h	1.95	-2.27	-1.17	-1.28	-1.34	-1.31
P8A	10y24h	1.20	-1.71	-0.89	1.15	1.53	1.29
P8A	10y72h	1.25	-0.04	0.26	0.71	0.71	0.71
P8A	25y72h	1.59	-1.29	-0.97	0.90	0.90	0.90
P8A	3yr24h	0.47	-0.01	0.15	1.53	2.38	1.95

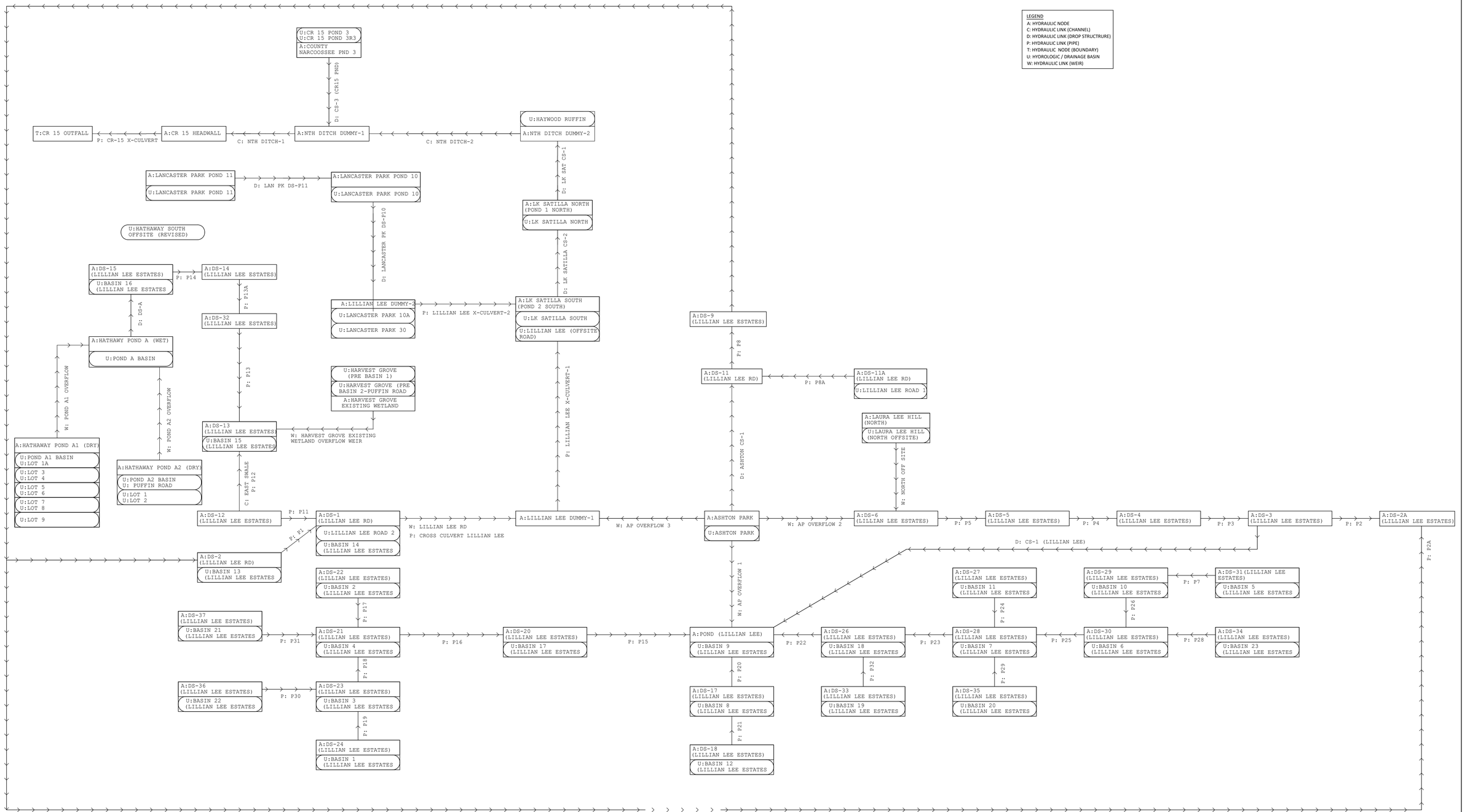
Puffin Road Commercial

Osceola County, Florida

Section 5

Post-Development Drainage Map & Calculations

Prepared by:
Hanson, Walter & Associates, Inc.
104 Broadway, Suite 104
Kissimmee, FL 34741
(407) 847-9433



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DRAWN JV	PAGE –	TWP. 26 S						
CHECKED CZ	SCALE AS SHOWN	RANGE 31 E						JOB Nº 5450-05
CAD# (see stamp)	DATE 10/23/25	DATE	BY	REVISIONS				

I:\5450-05\ENGINEERING\SFWMD\Exhibit\5450-05 Post Development Basin Map.dwg • Oct 23, 2025–4:30pm • plotted by MWaskl

Stormwater Wet Detention Pond A
CWL - 72.00
TOB - 76.10

Pond A Basin
Area: 3.91 AC
CN: 83
Tc: 10.00 min

Pond A1 Basin
Area: 2.19 AC
CN: 44
Tc: 10.00 min

Stormwater Dry Pond A1
BTM - 73.00
TOB - 76.00

Stormwater Dry Pond A2
BTM - 73.00
TOB - 76.00

Puffin Road Basin
AREA: 1.77 AC
CN: 85
Tc: 10.00 min

Pond A2 Basin
Area: 4.04 AC
CN: 44
Tc: 10.00 min

Lot 1A Basin
AREA: 2.72 AC
CN:92
Tc: 10.00 min

Lot 1 Basin
AREA: 14.97 AC
CN: 86
Tc: 10.00 min

Lot 9 Basin
Area: 4.04 AC
CN: 86
Tc: 10.00 min

Lot 8 Basin
Area: 0.89 AC
CN: 86
Tc: 10.00 min

Lot 7 Basin
Area: 0.80 AC
CN: 86
Tc: 10.00 min

Lot 6 Basin
Area: 1.90 AC
CN: 86
Tc: 10.00 min

Lot 5 Basin
Area: 0.81 AC
CN: 86
Tc: 10.00 min

Lot 4 Basin
AREA: 0.90 AC
CN: 86
Tc: 10.00 min

Lot 3 Basin
AREA: 0.95 AC
CN: 86
Tc: 10.00 min

Lot 2 Basin
AREA: 1.82 AC
CN: 86
Tc: 10.00 min

GRAPHIC SCALE
80 0 40 80 160
(IN FEET)
1 inch = 80 ft.

NOTE
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988

POND A BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	2.55	or	111,061	or	65.13
Pervious	1.10	or	47,759	or	28.01
Impervious	0.27	or	11,692	or	6.86
Wetlands	0.00	or	0	or	0
TOTAL	3.91		170,512		100.0

POND A1 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	2.01	or	87,480	or	91.7
Impervious	0.18	or	7,915	or	8.3
Wetlands	0.00	or	0	or	0
TOTAL	2.19		95,395		100.0

POND A2 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	3.71	or	161,430	or	91.71
Impervious	0.33	or	14,592	or	8.29
Wetlands	0.00	or	0	or	0
TOTAL	4.04		176,022		100.0

LOT 1 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	4.14	or	180,395	or	27.67
Wet Detention Pond	0.00	or	0	or	0
Pervious	3.14	or	136,886	or	21
Impervious	7.68	or	334,558	or	51.33
Wetlands	0.00	or	0	or	0
TOTAL	14.96		651,839		100.0

LOT 1A BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.29	or	12,691	or	10.72
Impervious	2.43	or	105,648	or	89.28
Wetlands	0.00	or	0	or	0
TOTAL	2.72		118,339		100.0

LOT 2 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.18	or	7,711	or	9.8
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.36	or	15,734	or	20
Impervious	1.27	or	55,223	or	70.2
Wetlands	0.00	or	0	or	0
TOTAL	1.81		78,668		100.0

LOT 3 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.05	or	2,228	or	5.37
Dry Pond	0.00	or	0	or	0
Pervious	0.19	or	8,291	or	20
Impervious	0.71	or	30,935	or	74.63
Wetlands	0.00	or	0	or	0
TOTAL	0.95		41,454		100.0

LOT 4 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.07	or	3,240	or	8.29
Dry Pond	0.00	or	0	or	0
Pervious	0.18	or	7,818	or	20
Impervious	0.64	or	28,031	or	71.71
Wetlands	0.00	or	0	or	0
TOTAL	0.90		39,089		100.0

LOT 5 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.08	or	3,300	or	9.4
Dry Pond	0.00	or	0	or	0
Pervious	0.16	or	7,023	or	20
Impervious	0.57	or	24,794	or	70.6
Wetlands	0.00	or	0	or	0
TOTAL	0.81		35,117		100.0

LOT 6 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.12	or	5,109	or	6.16
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.38	or	16,580	or	20
Impervious	1.41	or	61,214	or	73.84
Wetlands	0.00	or	0	or	0
TOTAL	1.90		82,903		100.0

LOT 7 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.02	or	1,025	or	2.97
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.16	or	6,899	or	20
Impervious	0.61	or	26,570	or	77.03
Wetlands	0.00	or	0	or	0
TOTAL	0.79		34,494		100.0

LOT 8 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.07	or	2,850	or	7.34
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.18	or	7,763	or	20
Impervious	0.65	or	28,200	or	72.66
Wetlands	0.00	or	0	or	0
TOTAL	0.89		38,813		100.0

LOT 9 BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.92	or	40,000	or	22.76
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.81	or	35,142	or	20
Impervious	2.31	or	100,569	or	57.24
Wetlands	0.00	or	0	or	0
TOTAL	4.03		175,711		100.0

PUFFIN ROAD BASIN

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.40	or	17,631	or	22.87
Impervious	1.36	or	59,456	or	77.13
Wetlands	0.00	or	0	or	0
TOTAL	1.77		77,087		100.0

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CHECKED CZ | SCALE AS SHOWN | RANGE 31 E
CAD# (see stamp) | DATE 10/16/25

DATE | BY | REVISIONS

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Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

POST-DEVELOPMENT BASIN MAP

SHEET Nº 01 of 01
JOB Nº 5450-05

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SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 1 BASIN — Outfall: Pond A2 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	4.14	or	180,395	or	27.67
Wet Detention Pond	0.00	or	0	or	0
Pervious	3.14	or	136,886	or	21
Impervious	7.68	or	334,558	or	51.33
Wetlands	0.00	or	0	or	0
TOTAL	14.96		651,839		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	7.68	752.68
Impervious (Building)	A	98	4.14	405.85
Pervious (Open Space)	A	39	3.14	122.56
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	14.96	1281.08

CN (weighted) = Total Product / Total Area = 85.6 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	PAVED
Flow Length (L):	705
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.12**
Tt = (min)	**7.2**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.17**
TOTAL Tc (min):	**10.2**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.68 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.80 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **7.23 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 1A BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.29	or	12,691	or	10.72
Impervious	2.43	or	105,648	or	89.28
Wetlands	0.00	or	0	or	0
TOTAL	2.72		118,339		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	2.43	237.68
Impervious (Building)	A	98	0.00	0.00
Pervious (Open Space)	A	39	0.29	11.36
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	2.72	249.05

CN (weighted) = Total Product / Total Area = 91.7 — **USE => 92**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	ASPHALT
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	PAVED
Flow Length (L):	1200
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.2**
Tt = (min)	**12**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.25**
TOTAL Tc (min):	**15**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 0.91 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 6.51 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **1.47 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL
HWA Job Number: 5450-05
Development (Bold one): Pre **Post**
Basin Name: LOT 2 BASIN

Prepared By: MW
Checked By: RN
Outfall: Pond A2 (DRY)

NFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.18	or	7,711	or	9.8
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.36	or	15,734	or	20
Impervious	1.27	or	55,223	or	70.2
Wetlands	0.00	or	0	or	0
TOTAL	1.81		78,668		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	1.27	124.24
Impervious (Building)	A	98	0.18	17.35
Pervious (Open Space)	A	39	0.36	14.09
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	1.81	155.67

CN (weighted) = Total Product / Total Area = 86.2 **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	ASPHALT
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	1200
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.2**
Tt = (min)	**12**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.25**
TOTAL Tc (min):	**15**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.88 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 3 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.05	or	2,228	or	5.37
Dry Pond	0.00	or	0	or	0
Pervious	0.19	or	8,291	or	20
Impervious	0.71	or	30,935	or	74.62
Wetlands	0.00	or	0	or	0
TOTAL	0.95		41,454		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.71	69.60
Impervious (Building)	A	98	0.05	5.01
Pervious (Open Space)	A	39	0.19	7.42
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	0.95	82.03

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	ASPHALT
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	900
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.15**
Tt = (min)	**9**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.2**
TOTAL Tc (min):	**12**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.47 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 4 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.07	or	3,240	or	8.29
Dry Pond	0.00	or	0	or	0
Pervious	0.18	or	7,818	or	20
Impervious	0.64	or	28,031	or	71.71
Wetlands	0.00	or	0	or	0
TOTAL	0.90		39,089		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.64	63.06
Impervious (Building)	A	98	0.07	7.29
Pervious (Open Space)	A	39	0.18	7.00
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	0.90	77.35

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	750
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.12**
Tt = (min)	**7.2**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.17**
TOTAL Tc (min):	**10.2**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.44 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 5 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.08	or	3,300	or	9.4
Dry Pond	0.00	or	0	or	0
Pervious	0.16	or	7,023	or	20
Impervious	0.57	or	24,794	or	70.6
Wetlands	0.00	or	0	or	0
TOTAL	0.81		35,117		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.57	55.78
Impervious (Building)	A	98	0.08	7.42
Pervious (Open Space)	A	39	0.16	6.29
Wetland	A	98	0.00	0.00
Water Mananagement (dry)	A	39	0.00	0.00
		TOTAL	0.81	69.49

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Asphalt
Flow Length (L):	600
Land Slope (ft/ft):	0.007
Average velocity (v):	1.2
Tt = (hour)	**0.14**
Tt = (min)	**8.4**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.19**
TOTAL Tc (min):	**11.4**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.39 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 6 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.12	or	5,109	or	6.16
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.38	or	16,580	or	20
Impervious	1.41	or	61,214	or	73.84
Wetlands	0.00	or	0	or	0
TOTAL	1.90		82,903		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	1.41	137.72
Impervious (Building)	A	98	0.12	11.49
Pervious (Open Space)	A	39	0.38	14.84
Wetland	A	98	0.00	0.00
Water Mananagement (wet)	A	100	0.00	0.00
		TOTAL	1.90	164.06

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	646
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.11**
Tt = (min)	**6.6**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.16**
TOTAL Tc (min):	**9.6**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.93 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 7 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.02	or	1,025	or	2.97
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.16	or	6,899	or	20
Impervious	0.61	or	26,570	or	77.03
Wetlands	0.00	or	0	or	0
TOTAL	0.79		34,494		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.61	59.78
Impervious (Building)	A	98	0.02	2.31
Pervious (Open Space)	A	39	0.16	6.18
Wetland	A	98	0.00	0.00
Water Mananagement (wet)	A	100	0.00	0.00
		TOTAL	0.79	68.26

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.05**
Tt = (min)	**3**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	522
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.09**
Tt = (min)	**5.4**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.14**
TOTAL Tc (min):	**8.4**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.39 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 8 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.07	or	2,850	or	7.34
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.18	or	7,763	or	20
Impervious	0.65	or	28,200	or	72.66
Wetlands	0.00	or	0	or	0
TOTAL	0.89		38,813		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.65	63.44
Impervious (Building)	A	98	0.07	6.41
Pervious (Open Space)	A	39	0.18	6.95
Wetland	A	98	0.00	0.00
Water Mananagement (wet)	A	100	0.00	0.00
		TOTAL	0.89	76.81

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.003
Tt = (hour)	**0.08**
Tt = (min)	**4.8**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	644
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.11**
Tt = (min)	**6.6**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0.004
Manning's Coefficient (n):	0.013
Velocity (ft/sec):	0.00
Flow Length (ft):	0
Tt = (hour)	**0.00**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.19**
TOTAL Tc (min):	**11.40**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.44 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: LOT 9 BASIN — Outfall: Pond A1 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Future Building Roof Area	0.92	or	40,000	or	22.76
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.81	or	35,142	or	20
Impervious	2.31	or	100,569	or	57.24
Wetlands	0.00	or	0	or	0
TOTAL	4.03		175,711		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	2.31	226.26
Impervious (Building)	A	98	0.92	89.99
Pervious (Open Space)	A	39	0.81	31.46
Wetland	A	98	0.00	0.00
Water Mananagement (wet)	A	100	0.00	0.00
		TOTAL	4.03	347.71

CN (weighted) = Total Product / Total Area = 86.2 — **USE => 86**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	300
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.003
Tt = (hour)	**0.08**
Tt = (min)	**4.8**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	313
Land Slope (ft/ft):	0.007
Average velocity (v):	1.7
Tt = (hour)	**0.05**
Tt = (min)	**3**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0.00
Flow Length (ft):	0
Tt = (hour)	**0.00**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	1.35
Velocity for paved:	1.7

TOTAL Tc (hour):	**0.13**
TOTAL Tc (min):	**7.80**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.60 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.87 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **1.97 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: POND A BASIN — Outfall: Pond A (WET)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	2.55	or	111,061	or	65.13
Pervious	1.10	or	47,759	or	28.01
Impervious	0.27	or	11,692	or	6.86
Wetlands	0.00	or	0	or	0
TOTAL	3.91		170,512		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	0.27	26.30
Impervious (Building)	A	98	0.00	0.00
Pervious (Open Space)	A	39	1.10	42.76
Wetland	A	98	0.00	0.00
Water Mananagement (Wet)	A	100	2.55	254.96
		TOTAL	3.91	324.02

CN (weighted) = Total Product / Total Area = 82.8 — **USE => 83**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Grass
Manning's Coefficient (n):	0.13
Flow Length (L):	200
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.010
Tt = (hour)	**0.27**
Tt = (min)	**16.2**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	0
Land Slope (ft/ft):	0.007
Average velocity (v):	1.2
Tt = (hour)	**0**
Tt = (min)	**0**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	0.95
Velocity for paved:	1.2

TOTAL Tc (hour):	**0.27**
TOTAL Tc (min):	**16.2**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 2.08 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.48 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **1.79 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name:	PUFFIN ROAD COMMERCIAL	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Pond Name:	POND A1(DRY)	

WET POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac ft)
73.95	69,733	1.60	0.00	0.00	0.00
74.50	72,243	1.66	1.63	0.90	0.90
75.00	74,363	1.71	1.68	0.84	1.74

Water Quality

Runoff of 1" over entire site:

RUNOFF VOLUME (1" * Total Area):	15.18	ac-in
RUNOFF VOLUME:	1.27	ac-ft

Runoff of 2.5" over percent impervious:

Effective Area = Total Area - (Pond + Building):	12.26	
Impervious Area (Sidewalk, Pavement, Future Paved Parking etc.):	9.32	
(%) Percent Impervious = (Impervious Area / Effective Area):	76.05	
2.5" * Percent Impervious:	1.90	
RUNOFF VOLUME:	25.62	ac-in
RUNOFF VOLUME:	2.13	ac-ft

Required Water Quality for Basin:	**2.13**	**ac-ft**
SFWMD Request of 150% Times WQ:	**3.20**	**ac-ft**
Dry Retention (50% Reduction)::	**1.60**	

According to Pond A1 Recovery Analysis by ICPR 4, Pond A1 reached the max stage of 75.00 ft.
When 10yr-72hr storm stops, Pond A1 recovery starts and
after 72 hours of recovery the stage of Pond A1 recoverd back to 73.95 ft.

Stage	Accumulated Volume (ac-ft)
75.00	1.74
73.95	0.00
Total Amount Recovered	**1.74**

SUPPORT CALCULATIONS

Job Name:	PUFFIN ROAD COMMERCIAL	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Pond Name:	POND A2 (DRY)	

WET POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac ft)
74.00	122,600	2.81	0.00	0.00	0.00
74.50	125,807	2.89	2.85	1.43	1.43
75.00	129,039	2.96	2.93	1.46	2.89

Water Quality

Runoff of 1" over entire site:

RUNOFF VOLUME (1" * Total Area):	20.77	ac-in
RUNOFF VOLUME:	1.73	ac-ft

Runoff of 2.5" over percent impervious:

Effective Area = Total Area - (Pond + Building):	13.67	
Impervious Area (Sidewalk, Pavement, Future Paved Parking etc.):	9.38	
(%) Percent Impervious = (Impervious Area / Effective Area):	68.61	
2.5" * Percent Impervious:	1.72	
RUNOFF VOLUME:	30.81	ac-in
RUNOFF VOLUME:	2.57	ac-ft

Required Water Quality for Basin:	**2.57**	**ac-ft**
SFWMD Request of 150% Times WQ:	**3.86**	**ac-ft**
Dry Retention (50% Reduction)::	**1.93**	

According to Pond A2 Recovery Analysis by ICPR 4, Pond A2 reached the max stage of 75.00 ft.
When 10yr-72hr storm stops, Pond A2 recovery starts and
after 72 hours of recovery the stage of Pond A2 recoverd back to 74.00 ft.

Stage	Accumulated Volume (ac-ft)
74.50	2.89
74.00	0.00
Total Amount Recovered	**2.89**

SUPPORT CALCULATIONS

Job Name: PUFFIN ROAD COMMERCIAL — Prepared By: MW
HWA Job Number: 5450-05 — Checked By: RN
Development (Bold one): Pre **Post**
Basin Name: PUFFIN ROAD BASIN — Outfall: Pond A2 (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0	or	0
Wet Detention Pond	0.00	or	0	or	0
Pervious	0.40	or	17,631	or	22.87
Impervious	1.36	or	59,456	or	77.13
Wetlands	0.00	or	0	or	0
TOTAL	1.77		77,087		100.0

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A	98	1.36	133.76
Impervious (Building)	A	98	0.00	0.00
Pervious (Open Space)	A	39	0.40	15.79
Wetland	A	98	0.00	0.00
Water Mananagement (wet)	A	100	0.00	0.00
		TOTAL	1.77	149.55

CN (weighted) = Total Product / Total Area = 84.5 — **USE => 85**

TIME OF CONCENTRATION

Sheet Flow	
Surface Description:	Asphalt
Manning's Coefficient (n):	0.011
Flow Length (L):	200
Rainfall (P2):	**4.8**
Land Slope (ft/ft):	0.003
Tt = (hour)	**0.06**
Tt = (min)	**3.6**

Shallow Concentrated	
Surface Description:	Paved
Flow Length (L):	1108
Land Slope (ft/ft):	0.003
Average velocity (v):	1.2
Tt = (hour)	**0.26**
Tt = (min)	**15.6**

Channel Flow	
Surface Description:	N/A
Cross Sectional Flow Area (A):	0
Wetted Perimeter (P):	0
Hydraulic Radius (Rh):	0.00
Channel Slope (ft/ft):	0
Manning's Coefficient (n):	0
Velocity (ft/sec):	0
Flow Length (ft):	0
Tt = (hour)	**0**
Tt = (min)	**0**

For Sheet Flow

Manning's Coefficient	
Surface Description	
Smooth Surface (Concrete, asphalt, gravel, or bare soil)	0.011
Fallow (No Residue)	0.05
Cultivated Soils:	
Residue cover < or = 20%	0.06
Residue cover > 20%	0.17
Grass:	
Short grass prairie	0.15
Dense grass	0.24
Bermuda grass	0.41
Range (Natural)	0.13
Woods:	
Ligt underbrush	0.4
Dense underbrush	0.8

For Shallow Flow

Velocity for unpaved:	0.95
Velocity for paved:	1.2

TOTAL Tc (hour):	**0.32**
TOTAL Tc (min):	**19.2**

USE Tc (min): 10.0

RUNOFF VOLUME

- Determine Soil Storage: S

S = (1000 / CN) - 10 = 1.83 inches

- Determine Runoff: R

R = (P - 0.2S)^2 / (P + 0.8S) = 5.67 inches

(where P = 7.5 inch per design storm)

- Determine Runoff Volume: Vr

Vr = R x AREA/12 = **0.84 acre-feet <== Runoff Volume**

SUPPORT CALCULATIONS

Job Name:	PUFFIN ROAD COMMERCIAL	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Pond Name:	POND A(WET)	

WET POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac ft)
72.00	111,061	2.55	0.00	0.00	0.00
73.00	117,484	2.70	2.62	2.62	2.62
74.00	124,008	2.85	2.77	2.77	5.40
74.50	127,307	2.92	2.88	1.44	6.84
75.00	335,565	7.70	5.28	5.28	12.11
76.10	376,540	8.64	8.17	8.99	21.10

Water Quality

Runoff of 1" over entire site:

RUNOFF VOLUME (1" * Total Area):	3.91	ac-in
RUNOFF VOLUME:	0.33	ac-ft

Runoff of 2.5" over percent impervious:

Effective Area = Total Area - (Pond + Building):	1.36	
Impervious Area (Sidewalk, Pavement, Future Paved Parking etc.):	0.27	
(%) Percent Impervious = (Impervious Area / Effective Area):	19.67	
2.5" * Percent Impervious:	0.49	
RUNOFF VOLUME:	0.67	ac-in
RUNOFF VOLUME:	0.06	ac-ft

Required Water Quality for Basin:	**0.33**	**ac-ft**
SFWMD Request of 150% Times WQ:	**0.49**	**ac-ft**

Water Quality Required:	**0.49**	**ac-ft**
Min. Weir Elevation:	**73.49**	ft
Actual Weir Elevation:	**74.10**	**ft**
Actual Water Quality Provided:	**2.86**	**ac-ft**

SIZING ORIFICE

Per SFWMD Basis of Review: 1/2" half of detention in 24 hours

Runoff of 1/2" over entire site:

RUNOFF VOLUME (.5" * Total Area):	1.96	ac-in
RUNOFF VOLUME IN 24 HRS:	0.16	ac-ft
OR		
FLOW RATE:	**0.08**	**cfs**

Existing Weir Elevation:	74.10	ft
Difference b/w Weir & Orifice:	2.10	ft
1/2 distance b/w Weir & Orifice (h):	1.05	ft

For a Circular Orifice:

Q = 0.6A(2gh)^0.5; so		
A = Q / 0.6(2gh)^0.5 =>	0.02	sf
D = (4A/3.14159)^0.5 =>	0.15	ft
Orifice Diameter (D):	2	in
USE =>	6	in

SUPPORT CALCULATIONS

Job Name:	PUFFIN ROAD COMMERCIAL	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Pond Name:	POND A1(DRY)	

WET POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac ft)
73.95	69,733	1.60	0.00	0.00	0.00
74.50	72,243	1.66	1.63	0.90	0.90
75.00	74,363	1.71	1.68	0.84	1.74

Water Quality

Runoff of 1" over entire site:

RUNOFF VOLUME (1" * Total Area):	15.18	ac-in
RUNOFF VOLUME:	1.27	ac-ft

Runoff of 2.5" over percent impervious:

Effective Area = Total Area - (Pond + Building):	12.26	
Impervious Area (Sidewalk, Pavement, Future Paved Parking etc.):	9.32	
(%) Percent Impervious = (Impervious Area / Effective Area):	76.05	
2.5" * Percent Impervious:	1.90	
RUNOFF VOLUME:	25.62	ac-in
RUNOFF VOLUME:	2.13	ac-ft

Required Water Quality for Basin:	**2.13**	**ac-ft**
SFWMD Request of 150% Times WQ:	**3.20**	**ac-ft**
Dry Retention (50% Reduction)::	**1.60**	

According to Pond A1 Recovery Analysis by ICPR 4, Pond A1 reached the max stage of 75.00 ft.
When 10yr-72hr storm stops, Pond A1 recovery starts and
after 72 hours of recovery the stage of Pond A1 recoverd back to 73.95 ft.

Stage	Accumulated Volume (ac-ft)
75.00	1.74
73.95	0.00
Total Amount Recovered	**1.74**

SUPPORT CALCULATIONS

Job Name:	PUFFIN ROAD COMMERCIAL	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Pond Name:	POND A2 (DRY)	

WET POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac ft)
74.00	122,600	2.81	0.00	0.00	0.00
74.50	125,807	2.89	2.85	1.43	1.43
75.00	129,039	2.96	2.93	1.46	2.89

Water Quality

Runoff of 1" over entire site:

RUNOFF VOLUME (1" * Total Area):	20.77	ac-in
RUNOFF VOLUME:	1.73	ac-ft

Runoff of 2.5" over percent impervious:

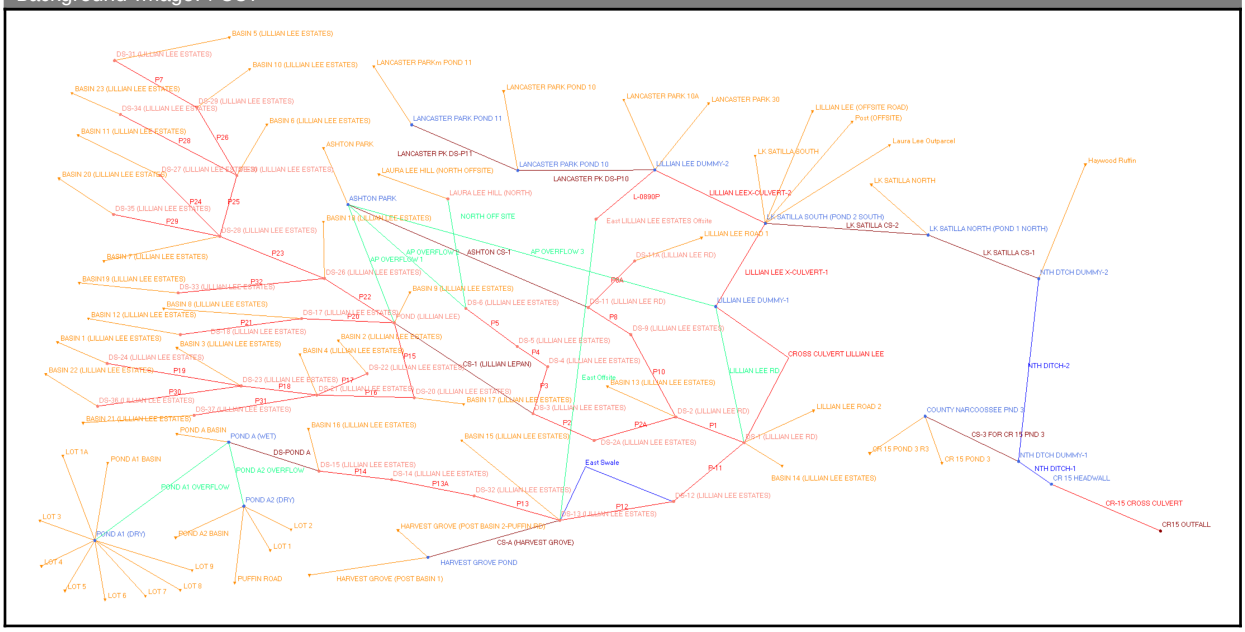
Effective Area = Total Area - (Pond + Building):	13.67	
Impervious Area (Sidewalk, Pavement, Future Paved Parking etc.):	9.38	
(%) Percent Impervious = (Impervious Area / Effective Area):	68.61	
2.5" * Percent Impervious:	1.72	
RUNOFF VOLUME:	30.81	ac-in
RUNOFF VOLUME:	2.57	ac-ft

Required Water Quality for Basin:	**2.57**	**ac-ft**
SFWMD Request of 150% Times WQ:	**3.86**	**ac-ft**
Dry Retention (50% Reduction)::	**1.93**	

According to Pond A2 Recovery Analysis by ICPR 4, Pond A2 reached the max stage of 75.00 ft.
When 10yr-72hr storm stops, Pond A2 recovery starts and
after 72 hours of recovery the stage of Pond A2 recoverd back to 74.00 ft.

Stage	Accumulated Volume (ac-ft)
74.50	2.89
74.00	0.00
Total Amount Recovered	**2.89**

Background Image: POST



Simple Basin: ASHTON PARK

Scenario:	post development
Node:	ASHTON PARK
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	39.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH484
Peaking Factor:	484.0
Area:	47.5600 ac
Curve Number:	44.9
% Impervious:	26.50
% DCIA:	26.50
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 1 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-24 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph

Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.7600 ac
Curve Number:	77.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 10 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-29 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7100 ac
Curve Number:	84.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 11 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-27 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7100 ac

Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 12 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-18 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.0800 ac
Curve Number:	80.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 13 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-2 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0700 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 14 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-1 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.0700 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 15 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-13 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	28.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.7400 ac
Curve Number:	60.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 16 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-15 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	23.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3800 ac
Curve Number:	62.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 17 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-20 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4100 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 18 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-26 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.4700 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 2 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-22 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.2600 ac
Curve Number:	80.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 20 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-35 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2600 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 21 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-37 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3400 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 22 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-36 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3400 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 23 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-34 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	12.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.2600 ac
Curve Number:	76.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 3 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-23 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8400 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 4 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-21 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8500 ac
Curve Number:	84.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 5 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-31 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9100 ac
Curve Number:	81.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 6 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-30 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9300 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 7 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-28 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.1900 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 8 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-17 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	13.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5900 ac
Curve Number:	87.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN 9 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	POND (LILLIAN LEE)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.6400 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: BASIN19 (LILLIAN LEE ESTATES)

Scenario:	post development
Node:	DS-33 (LILLIAN LEE ESTATES)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.5600 ac
Curve Number:	81.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: CR 15 POND 3

Scenario:	post development
Node:	COUNTY NARCOOSSEE PND 3
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	3.0800 ac
Curve Number:	87.3
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: CR 15 POND 3 R3

Scenario:	post development
Node:	COUNTY NARCOOSSEE PND 3
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	17.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	8.4600 ac
Curve Number:	91.4
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HARVEST GROVE (POST BASIN 1)

Scenario:	post development
Node:	HARVEST GROVE POND
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	17.0700 ac
Curve Number:	90.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: HARVEST GROVE (POST BASIN 2-PUFFIN RD)

Scenario:	post development
Node:	HARVEST GROVE POND
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.4300 ac
Curve Number:	93.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Haywood Ruffin

Scenario:	post development
Node:	NTH DTCH DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	175.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	28.1200 ac
Curve Number:	62.5
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LANCASTER PARK 10A

Scenario:	post development
Node:	LILLIAN LEE DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.9900 ac
Curve Number:	63.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: LANCASTER PARK TW-1

Simple Basin: LANCASTER PARK 30

Scenario:	post development
Node:	LILLIAN LEE DUMMY-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.6600 ac
Curve Number:	82.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: LANCASTER PARK TW-3

Simple Basin: LANCASTER PARK POND 10

Scenario:	post development
Node:	LANCASTER PARK POND 10
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	29.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	24.3400 ac
Curve Number:	71.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LANCASTER PARKm POND 11

Scenario:	post development
Node:	LANCASTER PARK POND 11
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	31.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	29.7500 ac
Curve Number:	73.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LAURA LEE HILL (NORTH OFFSITE)

Scenario:	post development
Node:	LAURA LEE HILL (NORTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	24.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.4600 ac
Curve Number:	72.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE (OFFSITE ROAD)

Scenario:	post development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	5.3900 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE ROAD 1

Scenario:	post development
Node:	DS-11A (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.3800 ac
Curve Number:	93.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LILLIAN LEE ROAD 2

Scenario:	post development
Node:	DS-1 (LILLIAN LEE RD)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.1100 ac
Curve Number:	96.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LK SATILLA NORTH

Scenario:	post development
Node:	LK SATILLA NORTH (POND 1 NORTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	53.1100 ac
Curve Number:	70.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LK SATILLA SOUTH

Scenario:	post development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	48.9600 ac
Curve Number:	69.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 1

Scenario:	post development
Node:	POND A2 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	14.9700 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 1A

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.7200 ac
Curve Number:	92.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 2

Scenario:	post development
Node:	POND A2 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.8200 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 3

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9500 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 4

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.9000 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 5

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8100 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 6

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.9000 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 7

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8000 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 8

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	0.8900 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: LOT 9

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	4.0400 ac
Curve Number:	86.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Laura Lee Outparcel

Scenario:	post development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	43.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.1900 ac
Curve Number:	38.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: POND A BASIN

Scenario:	post development
Node:	POND A (WET)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs

Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	3.9100 ac
Curve Number:	83.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: POND A1 BASIN

Scenario:	post development
Node:	POND A1 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	999999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.1900 ac
Curve Number:	44.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: SOUTH OFFSITE

Simple Basin: POND A2 BASIN

Scenario:	post development
Node:	POND A2 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	4.0400 ac
Curve Number:	44.0
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: PUFFIN ROAD

Scenario:	post development
Node:	POND A2 (DRY)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.7700 ac
Curve Number:	85.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment:

Simple Basin: Post (OFFSITE)

Scenario:	post development
Node:	LK SATILLA SOUTH (POND 2 SOUTH)
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	10.0000 min
Max Allowable Q:	0.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	4.1900 ac
Curve Number:	89.0
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	Sfwmd72

Comment: Lillian Lee Road

Node: ASHTON PARK

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 71.06 ft
Warning Stage: 74.50 ft

Stage [ft]	Area [ac]	Area [ft2]
71.06	3.0620	133381
72.00	3.2510	141614
73.00	3.4460	150108
74.00	3.6460	158820

Comment: CONVERTED

Node: COUNTY NARCOOSSEE PND 3

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 64.60 ft
Warning Stage: 68.00 ft

Stage [ft]	Area [ac]	Area [ft2]
53.00	0.9800	42689
62.60	1.6900	73616
64.60	1.9500	84942
65.50	2.0700	90169
66.00	2.1400	93218
66.50	2.2100	96268
67.00	2.2800	99317
68.00	2.6600	115870

Comment:

Node: CR 15 HEADWALL

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.75 ft
Warning Stage: 66.48 ft

Comment:

Node: CR15 OUTFALL

Scenario: post development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 62.94 ft
Warning Stage: 66.48 ft
Boundary Stage: cr15 outfall

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	62.94
0	0	0	24.0000	63.94
0	0	0	72.0000	66.48

Comment:

Node: DS-1 (LILLIAN LEE RD)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.50 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.50	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-11 (LILLIAN LEE RD)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.12 ft
Warning Stage: 70.90 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.12	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-11A (LILLIAN LEE RD)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.00 ft
Warning Stage: 71.02 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.00	0.00	44
71.02	0.00	87
71.02	0.00	87

Comment: CONVERTED

Node: DS-12 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.58 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.58	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-13 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.76 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.76	0.00	0
72.00	0.00	44
72.00	0.00	44

Comment: CONVERTED

Node: DS-14 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.39 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.39	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-15 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.69 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.69	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-17 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.70 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.70	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-18 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.83 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.83	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-2 (LILLIAN LEE RD)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.64 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.64	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-20 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 62.76 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
62.76	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-21 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.14 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.14	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-22 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.52 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.52	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-23 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.80 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.80	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-24 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.18 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.18	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-26 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 65.60 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
65.60	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-27 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.45 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.45	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-28 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 66.92 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
66.92	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-29 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.32 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.32	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-2A (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.66 ft
Warning Stage: 73.50 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.66	0.00	44
73.50	0.00	87
73.50	0.00	87

Comment: CONVERTED

Node: DS-3 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.95 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.95	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-30 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.58 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.58	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-31 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.70 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.70	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-32 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 65.56 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
65.56	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-33 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 66.85 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
66.85	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-34 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.36 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.36	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-35 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.69 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.69	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-36 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.65 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.65	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-37 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 67.17 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
67.17	0.00	44
74.00	0.00	87
74.00	0.00	87

Comment: CONVERTED

Node: DS-4 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.36 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.36	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-5 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.66 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.66	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: DS-6 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 64.70 ft
Warning Stage: 73.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
64.70	0.00	0
73.00	0.00	44
73.00	0.00	44

Comment: CONVERTED

Node: DS-9 (LILLIAN LEE ESTATES)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 63.74 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
63.74	0.00	0
74.00	0.00	44
74.00	0.00	44

Comment: CONVERTED

Node: East LILLIAN LEE ESTATES Offsite

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 68.20 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
68.20	0.00	0
70.00	1.81	79018
71.00	7.35	320297
72.00	17.96	782338

Comment: CONVERTED

Node: HARVEST GROVE POND

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 68.00 ft
Warning Stage: 72.00 ft

Stage [ft]	Area [ac]	Area [ft2]
68.00	1.1900	51836
69.00	1.3300	57935
70.00	1.4700	64033
71.00	1.6200	70567
72.00	1.7700	77101
73.00	1.9300	84071

Comment:

Node: LANCASTER PARK POND 10

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 70.50 ft
Warning Stage: 74.00 ft

Stage [ft]	Area [ac]	Area [ft2]
70.50	3.2500	141570
71.50	3.4000	148104
72.50	3.5500	154638
73.50	3.7000	161172
74.00	4.0900	178160

Comment:

Node: LANCASTER PARK POND 11

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 71.50 ft
Warning Stage: 75.50 ft

Stage [ft]	Area [ac]	Area [ft2]
71.50	4.6600	202990
72.50	4.8800	212573
73.50	5.1000	222156
74.50	5.3400	232610
75.50	5.9200	257875

Comment:

Node: LANCASTER PARK TW-1

Scenario: post development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft
Warning Stage: 71.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.50
0	0	0	24.0000	67.50
0	0	0	63.0000	68.50
0	0	0	72.0000	70.00

Comment:

Node: LANCASTER PARK TW-3

Scenario: post development
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 69.00 ft
Warning Stage: 71.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	69.00
0	0	0	12.0000	69.50
0	0	0	60.0000	70.00
0	0	0	100.0000	70.00

Comment:

Node: LAURA LEE HILL (NORTH)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 71.00 ft
Warning Stage: 72.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
71.00	0.00	44
72.00	0.00	87
72.00	0.00	87

Comment: CONVERTED

Node: LILLIAN LEE DUMMY-1

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 63.00 ft
Warning Stage: 0.00 ft

Comment:

Node: LILLIAN LEE DUMMY-2

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft
Warning Stage: 0.00 ft

Comment:

Node: LK SATILLA NORTH (POND 1 NORTH)

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 66.70 ft
Warning Stage: 71.00 ft

Stage [ft]	Area [ac]	Area [ft2]
66.50	7.5400	328442
67.00	7.6600	333670
68.00	7.9000	344124
69.00	8.1400	354578
70.00	8.3900	365468
71.00	9.0000	392040

Comment:

Node: LK SATILLA SOUTH (POND 2 SOUTH)

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.50 ft
Warning Stage: 70.50 ft

Stage [ft]	Area [ac]	Area [ft2]
67.50	5.9300	258311
68.50	6.1200	266587
69.50	6.3000	274428
70.50	6.4900	282704
71.50	6.6800	290981
72.50	7.1600	311890

Comment:

Node: NTH DTCH DUMMY-1

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.50 ft
Warning Stage: 68.70 ft

Stage [ft]	Area [ac]	Area [ft2]
62.50	0.0300	1307
65.00	0.0800	3485
65.10	0.6600	28750
66.00	2.2000	95832

Comment:

Node: NTH DTCH DUMMY-2

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 62.50 ft
Warning Stage: 68.70 ft

Stage [ft]	Area [ac]	Area [ft2]
62.50	0.0300	1307
65.00	0.0800	3485
65.10	0.6600	28750
66.00	2.2000	95832
67.00	5.0000	217800

Comment:

Node: POND (LILLIAN LEE)

Scenario: post development
Type: Stage/Volume
Base Flow: 0.00 cfs
Initial Stage: 69.50 ft
Warning Stage: 74.00 ft

Stage [ft]	Volume [ac-ft]	Volume [ft3]
69.50	0.00	0
70.00	0.74	32278
70.50	1.52	65993
71.00	2.32	101146
71.50	3.16	137780
72.00	4.04	175852

Stage [ft]	Volume [ac-ft]	Volume [ft3]
72.50	4.95	215448
73.00	5.89	256525
74.00	8.00	348654

Comment: CONVERTED FROM NGVD TO NAVD SUBTRACT 1-FT
LILLIAN LEE PERMIT (SFWMD 49-100468-P/APPL 180201-300) WAS IN NGVD
PERMITTED CONTROL WAS 70.5 NGVD

CONVERTED

Node: POND A (WET)

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 72.00 ft
Warning Stage: 76.10 ft

Stage [ft]	Area [ac]	Area [ft2]
72.00	2.5120	109423
73.00	2.6580	115782
74.00	2.8060	122229
75.01	7.7030	335543
76.10	8.6442	376541

Comment:

Node: POND A1 (DRY)

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 73.95 ft
Warning Stage: 76.10 ft

Stage [ft]	Area [ac]	Area [ft2]
73.95	1.6100	70132
74.50	1.6600	72310
75.00	1.7100	74488

Comment:

Node: POND A2 (DRY)

Scenario: post development
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 74.00 ft
Warning Stage: 76.10 ft

Stage [ft]	Area [ac]	Area [ft2]
74.00	2.8100	122404
74.50	2.8900	125888
75.00	2.9600	128938

Comment:

Weir Link: AP OVERFLOW 1

Scenario: post development
From Node: ASHTON PARK
To Node: POND (LILLIAN LEE)
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Sharp Crested Vertical
Geometry Type: Rectangular
Invert: 74.00 ft
Control Elevation: 74.00 ft
Max Depth: 83.25 ft
Max Width: 160.00 ft
Fillet: 0.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:

Top Clip
Default: 0.00 ft
Op Table:
Ref Node:

Discharge Coefficients
Weir Default: 3.000
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment: CONVERTED

Weir Link: AP OVERFLOW 2

Scenario: post development
From Node: ASHTON PARK
To Node: DS-6 (LILLIAN LEE ESTATES)
Link Count: 1
Flow Direction: Both
Damping: 0.0000 ft
Weir Type: Sharp Crested Vertical
Geometry Type: Rectangular
Invert: 74.00 ft
Control Elevation: 74.00 ft
Max Depth: 83.25 ft
Max Width: 200.00 ft
Fillet: 0.00 ft

Bottom Clip
Default: 0.00 ft
Op Table:
Ref Node:

Top Clip
Default: 0.00 ft
Op Table:
Ref Node:

Discharge Coefficients
Weir Default: 3.200
Weir Table:
Orifice Default: 0.600
Orifice Table:

Comment: CONVERTED

Weir Link: AP OVERFLOW 3			
Scenario:	post development	Bottom Clip	
From Node:	ASHTON PARK	Default:	0.00 ft
To Node:	LILLIAN LEE DUMMY-1	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Sharp Crested Vertical	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	74.00 ft	Discharge Coefficients	
Control Elevation:	74.00 ft	Weir Default:	3.200
Max Depth:	83.25 ft	Weir Table:	
Max Width:	400.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment: CONVERTED			

Drop Structure Link: ASHTON CS-1		Upstream Pipe		Downstream Pipe	
Scenario:	post development	Invert:	65.50 ft	Invert:	65.12 ft
From Node:	ASHTON PARK	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	DS-11 (LILLIAN LEE RD)	Geometry: Circular		Geometry: Circular	
		Max Depth:	2.00 ft	Max Depth:	2.00 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Solution:	Combine	Op Table:		Op Table:	
Increments:	0	Ref Node:		Ref Node:	
Pipe Count:	1	Manning's N:	0.0000	Manning's N:	0.0000
Damping:	0.0000 ft	Top Clip			
Length:	85.00 ft	Default:	0.00 ft	Default:	0.00 ft
FHWA Code:	1	Op Table:		Op Table:	
Entr Loss Coef:	0.50	Ref Node:		Ref Node:	
Exit Loss Coef:	0.50	Manning's N:	0.0000	Manning's N:	0.0000
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				
Pipe Comment:					

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	71.63 ft	Op Table:	
Control Elevation:	71.63 ft	Ref Node:	
Max Depth:	0.35 ft	Discharge Coefficients	
Max Width:	8.00 ft	Weir Default:	3.200

Fillet:	0.00 ft		
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Weir Component			
Weir:	2	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Horizontal	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	73.50 ft	Op Table:	
Control Elevation:	73.50 ft	Ref Node:	
Max Depth:	3.08 ft	Discharge Coefficients	
Max Width:	4.08 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: CONVERTED

Drop Structure Comment:

Pipe Link: CR-15 CROSS CULVERT		Upstream		Downstream	
Scenario:	post development	Invert:	62.77 ft	Invert:	62.48 ft
From Node:	CR 15 HEADWALL	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	CR15 OUTFALL	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
Link Count:	1	Max Depth:	2.83 ft	Max Depth:	2.83 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	98.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.50	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: CROSS CULVERT LILLIAN LEE		Upstream		Downstream	
Scenario:	post development	Invert:	63.20 ft	Invert:	63.00 ft
From Node:	DS-1 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	

To Node:	LILLIAN LEE DUMMY-1	Max Depth:	4.00 ft	Max Depth:	4.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	84.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Drop Structure Link: CS-1 (LILLIAN LEPAN)		Upstream Pipe		Downstream Pipe	
		Invert:	67.00 ft	Invert:	66.76 ft
Scenario:	post development	Manning's N:	0.0120	Manning's N:	0.0120
From Node:	POND (LILLIAN LEE)	Geometry: Circular		Geometry: Circular	
		Max Depth:	2.00 ft	Max Depth:	2.00 ft
To Node:	DS-3 (LILLIAN LEE ESTATES)	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	20.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment: CONVERTED

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Horizontal	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	73.50 ft	Op Table:	
Control Elevation:	73.50 ft	Ref Node:	
Max Depth:	3.00 ft	Discharge Coefficients	
Max Width:	6.58 ft	Weir Default:	3.200

Fillet:	0.00 ft

Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: CONVERTED

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	69.50 ft
Control Elevation:	69.50 ft
Max Depth:	0.29 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: CONVERTED

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	70.96 ft
Control Elevation:	70.96 ft
Max Depth:	0.17 ft
Max Width:	2.50 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: CONVERTED

Drop Structure Comment:

Drop Structure Link: CS-3 FOR CR 15 PND 3

Scenario:	post development
From Node:	COUNTY NARCOOSSEE PND 3
To Node:	NTH DTCH

Upstream Pipe

Invert:	63.50 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	1.50 ft

Bottom Clip

Default:	0.00 ft

Downstream Pipe

Invert:	62.70 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	1.50 ft

Bottom Clip

Default:	0.00 ft

	DUMMY-1	Op Table:		Op Table:	
Link Count:	1	Ref Node:		Ref Node:	
Flow Direction:	Both	Manning's N:	0.0000	Manning's N:	0.0000
Solution:	Combine	Top Clip			
Increments:	0	Default:	0.00 ft	Default:	0.00 ft
Pipe Count:	1	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	110.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0				
Entr Loss Coef:	0.50				
Exit Loss Coef:	0.50				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Circular	Default:	0.00 ft
Invert:	64.60 ft	Op Table:	
Control Elevation:	64.60 ft	Ref Node:	
Max Depth:	0.23 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component

Weir:	2	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	66.30 ft	Op Table:	
Control Elevation:	66.30 ft	Ref Node:	
Max Depth:	4.42 ft	Discharge Coefficients	
Max Width:	3.00 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Drop Structure Link: CS-A (HARVEST GROVE)		Upstream Pipe		Downstream Pipe	
		Invert:	68.00 ft	Invert:	67.80 ft
Scenario:	post development	Manning's N:	0.0130	Manning's N:	0.0130
From Node:	HARVEST GROVE POND	Geometry: Circular		Geometry: Circular	
		Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	DS-13 (LILLIAN LEE ESTATES)	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	350.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	68.00 ft	Ref Node:	
Control Elevation:	68.00 ft	Discharge Coefficients	
Max Depth:	0.33 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 4" Orifice

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	69.75 ft	Ref Node:	
Control Elevation:	69.75 ft	Discharge Coefficients	
Max Depth:	2.60 ft	Weir Default:	3.200
Max Width:	2.25 ft	Weir Table:	
Fillet:	0.00 ft		

Orifice Default:	0.600
Orifice Table:	

Weir Comment: 2.25' Front Weir

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	72.35 ft
Control Elevation:	72.35 ft
Max Depth:	3.00 ft
Max Width:	6.58 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: Type H Inlet

Drop Structure Comment:

Drop Structure Link: DS-POND A

Scenario:	post development
From Node:	POND A (WET)
To Node:	DS-15 (LILLIAN LEE ESTATES)
Link Count:	1
Flow Direction:	Both
Solution:	Combine
Increments:	0
Pipe Count:	1
Damping:	0.0000 ft
Length:	40.00 ft
FHWA Code:	0
Entr Loss Coef:	0.50
Exit Loss Coef:	0.50
Bend Loss Coef:	0.00
Bend Location:	0.00 dec
Energy Switch:	Energy

Upstream Pipe

Invert:	68.66 ft
Manning's N:	0.0120

Geometry: Circular

Max Depth:	2.50 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Downstream Pipe

Invert:	68.50 ft
Manning's N:	0.0120

Geometry: Circular

Max Depth:	2.50 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	
Manning's N:	0.0000

Pipe Comment:

Weir Component

Weir:	1

Bottom Clip

Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	74.65 ft
Control Elevation:	74.65 ft
Max Depth:	4.50 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	72.00 ft
Control Elevation:	72.00 ft
Max Depth:	0.50 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	74.10 ft
Control Elevation:	74.10 ft
Max Depth:	0.55 ft
Max Width:	4.20 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Weir Link: East Offsite			
Scenario:	post development	Bottom Clip	
From Node:	East LILLIAN LEE ESTATES Offsite	Default:	0.00 ft
		Op Table:	
To Node:	DS-13 (LILLIAN LEE ESTATES)	Ref Node:	
		Top Clip	
Link Count:	1	Default:	0.00 ft
Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Discharge Coefficients	
Geometry Type:	Trapezoidal	Weir Default:	3.200
Invert:	68.20 ft	Weir Table:	
Control Elevation:	68.20 ft	Orifice Default:	0.600
Max Depth:	9999.00 ft	Orifice Table:	
Extrapolation Method:	Normal Projection		
Bottom Width:	0.00 ft		
Left Slope:	300.000 (h:v)		
Right Slope:	230.000 (h:v)		
Comment: CONVERTED			

Channel Link: East Swale		Upstream		Downstream	
Scenario:	post development	Invert:	70.00 ft	Invert:	68.00 ft
From Node:	DS-12 (LILLIAN LEE ESTATES)	Manning's N:	0.0000	Manning's N:	0.0000
		Geometry: Irregular		Geometry: Irregular	
To Node:	DS-13 (LILLIAN LEE ESTATES)	Cross Section:	East Swale 2	Cross Section:	East Swale 1
Link Count:	1				
Flow Direction:	Both				
Damping:	0.0000 ft				
Length:	345.00 ft				
Contraction Coef:	0.10				
Expansion Coef:	0.30				
Entr Loss Coef:	0.00				
Exit Loss Coef:	0.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: L-0890P		Upstream		Downstream	
Scenario:	post development	Invert:	67.50 ft	Invert:	67.30 ft
From Node:	East LILLIAN LEE ESTATES Offsite	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	LILLIAN LEE DUMMY-2	Max Depth:	1.25 ft	Max Depth:	1.25 ft
		Bottom Clip			

Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	100.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Drop Structure Link: LANCASTER PK DS-P10		Upstream Pipe		Downstream Pipe	
		Invert:	68.10 ft	Invert:	68.00 ft
Scenario:	post development	Manning's N:	0.0130	Manning's N:	0.0130
From Node:	LANCASTER PARK	Geometry: Circular		Geometry: Circular	
	POND 10	Max Depth:	2.50 ft	Max Depth:	2.50 ft
To Node:	LILLIAN LEE	Bottom Clip			
	DUMMY-2	Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	70.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Circular	Default:	0.00 ft
Invert:	70.50 ft	Op Table:	
Control Elevation:	70.50 ft	Ref Node:	
Max Depth:	0.38 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600

Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	71.42 ft	Ref Node:	
Control Elevation:	71.42 ft	**Discharge Coefficients**	
Max Depth:	2.10 ft	Weir Default:	3.200
Max Width:	1.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	3	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	73.50 ft	Ref Node:	
Control Elevation:	73.50 ft	**Discharge Coefficients**	
Max Depth:	4.50 ft	Weir Default:	3.200
Max Width:	3.00 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment: LANCASTER PARK TW-1

Drop Structure Link: LANCASTER PK DS-P11		Upstream Pipe		Downstream Pipe	
Scenario:	post development	Invert:	70.39 ft	Invert:	62.00 ft
From Node:	LANCASTER PARK POND 11	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
		Max Depth:	2.00 ft	Max Depth:	2.00 ft
To Node:	LANCASTER PARK POND 10	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	

Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	1865.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.00				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component

Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Circular
Invert:	71.50 ft
Control Elevation:	71.50 ft
Max Depth:	0.42 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	73.70 ft
Control Elevation:	73.70 ft
Max Depth:	4.50 ft
Max Width:	3.00 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Weir Link: LILLIAN LEE RD			
Scenario:	post development	Bottom Clip	
From Node:	DS-1 (LILLIAN LEE RD)	Default:	0.00 ft
To Node:	LILLIAN LEE DUMMY-1	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Paved Road Vertical	Op Table:	
Geometry Type:	Rectangular	Ref Node:	
Invert:	70.90 ft	Discharge Coefficients	
Control Elevation:	70.90 ft	Weir Default:	3.200
Max Depth:	83.25 ft	Weir Table:	
Max Width:	100.00 ft	Orifice Default:	0.600
Fillet:	0.00 ft	Orifice Table:	
Comment:			

Pipe Link: LILLIAN LEE X-CULVERT-1		Upstream		Downstream	
Scenario:	post development	Invert:	63.00 ft	Invert:	60.00 ft
From Node:	LILLIAN LEE DUMMY-1	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	LK SATILLA SOUTH (POND 2 SOUTH)	Max Depth:	2.50 ft	Max Depth:	2.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	900.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment:					

Pipe Link: LILLIAN LEEX-CULVERT-2		Upstream		Downstream	
Scenario:	post development	Invert:	67.00 ft	Invert:	63.50 ft
From Node:	LILLIAN LEE DUMMY-2	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	LK SATILLA SOUTH (POND 2 SOUTH)	Max Depth:	1.50 ft	Max Depth:	1.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	1100.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	0	Top Clip			

Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment:

Drop Structure Link: LK SATILLA CS-1		Upstream Pipe		Downstream Pipe	
Scenario:	post development	Invert:	64.00 ft	Invert:	63.00 ft
From Node:	LK SATILLA	Manning's N:	0.0120	Manning's N:	0.0120
	NORTH (POND 1	Geometry: Circular		Geometry: Circular	
	NORTH)	Max Depth:	4.00 ft	Max Depth:	4.00 ft
To Node:	NTH DTCH	Bottom Clip			
	DUMMY-2	Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	500.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Circular	Op Table:	
Invert:	66.50 ft	Ref Node:	
Control Elevation:	66.50 ft	Discharge Coefficients	
Max Depth:	0.67 ft	Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 0.75

Weir Component		Bottom Clip
Weir:	2	

Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	67.38 ft
Control Elevation:	67.38 ft
Max Depth:	1.00 ft
Max Width:	6.00 ft
Fillet:	0.00 ft

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 2.1
6

4.1
1.5

1.62

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	68.38 ft
Control Elevation:	68.38 ft
Max Depth:	3.00 ft
Max Width:	6.58 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment: 70.16
69.4

69

Drop Structure Comment:

Drop Structure Link: LK SATILLA CS-2

Scenario:	post development
From Node:	LK SATILLA SOUTH (POND 2 SOUTH)
To Node:	LK SATILLA

Upstream Pipe

Invert:	67.50 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	3.50 ft

Downstream Pipe

Invert:	66.50 ft
Manning's N:	0.0130

Geometry: Circular

Max Depth:	3.50 ft

	NORTH (POND 1 NORTH)	Bottom Clip			
		Default:	0.00 ft	Default:	0.00 ft
Link Count:	1	Op Table:		Op Table:	
Flow Direction:	Both	Ref Node:		Ref Node:	
Solution:	Combine	Manning's N:	0.0000	Manning's N:	0.0000
Increments:	0	Top Clip			
Pipe Count:	1	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	160.00 ft	Ref Node:		Ref Node:	
FHWA Code:	0	Manning's N:	0.0000	Manning's N:	0.0000
Entr Loss Coef:	0.50				
Exit Loss Coef:	1.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component			
Weir:	1	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Circular	Default:	0.00 ft
Invert:	67.50 ft	Op Table:	
Control Elevation:	67.50 ft	Ref Node:	
Max Depth:	0.58 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 0.583

Weir Component			
Weir:	2	Bottom Clip	
Weir Count:	1	Default:	0.00 ft
Weir Flow Direction:	Both	Op Table:	
Damping:	0.0000 ft	Ref Node:	
Weir Type:	Sharp Crested Vertical	Top Clip	
Geometry Type:	Rectangular	Default:	0.00 ft
Invert:	69.05 ft	Op Table:	
Control Elevation:	69.05 ft	Ref Node:	
Max Depth:	0.67 ft	Discharge Coefficients	
Max Width:	6.00 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 1.98
6

4.98
2.5

69.93 69.75
71.08 56.74

1.43
6

1
6
68.72

Weir Component		Bottom Clip	
Weir:	3	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	**Top Clip**	
Weir Type:	Horizontal	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	69.72 ft	Ref Node:	
Control Elevation:	69.72 ft	**Discharge Coefficients**	
Max Depth:	3.00 ft	Weir Default:	3.200
Max Width:	6.58 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment: 2.28

70.15

Drop Structure Comment:

Weir Link: NORTH OFF SITE		Bottom Clip	
Scenario:	post development	Default:	0.00 ft
From Node:	LAURA LEE HILL (NORTH)	Op Table:	
To Node:	DS-6 (LILLIAN LEE ESTATES)	Ref Node:	
Link Count:	1	**Top Clip**	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:	
Weir Type:	Sharp Crested Vertical	Ref Node:	
Geometry Type:	Rectangular	**Discharge Coefficients**	
Invert:	71.00 ft	Weir Default:	3.200
Control Elevation:	71.00 ft	Weir Table:	
Max Depth:	1.00 ft	Orifice Default:	0.600
Max Width:	200.00 ft		

Fillet: 0.00 ft

Orifice Table:

Comment: CONVERTED

Channel Link: NTH DITCH-1		Upstream		Downstream	
Scenario:	post development	Invert:	62.70 ft	Invert:	62.50 ft
From Node:	NTH DTCH DUMMY-1	Manning's N:	0.0000	Manning's N:	0.0000
		Geometry:	Irregular	Geometry:	Irregular
To Node:	CR 15 HEADWALL	Cross Section:	NORTH DITCH	Cross Section:	NORTH DITCH
Link Count:	1				
Flow Direction:	Both				
Damping:	0.0000 ft				
Length:	450.00 ft				
Contraction Coef:	0.10				
Expansion Coef:	0.30				
Entr Loss Coef:	0.00				
Exit Loss Coef:	0.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Comment:

Channel Link: NTH DITCH-2		Upstream		Downstream	
Scenario:	post development	Invert:	63.20 ft	Invert:	62.70 ft
From Node:	NTH DTCH DUMMY-2	Manning's N:	0.0000	Manning's N:	0.0000
		Geometry:	Irregular	Geometry:	Irregular
To Node:	NTH DTCH DUMMY-1	Cross Section:	NORTH DITCH	Cross Section:	NORTH DITCH
Link Count:	1				
Flow Direction:	Both				
Damping:	0.0000 ft				
Length:	720.00 ft				
Contraction Coef:	0.10				
Expansion Coef:	0.30				
Entr Loss Coef:	0.00				
Exit Loss Coef:	0.00				
Bend Loss Coef:	0.00				
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Comment:

Pipe Link: P-11	Upstream	Downstream

Scenario:	post development	Invert:	63.58 ft	Invert:	63.50 ft
From Node:	DS-12 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-1 (LILLIAN LEE RD)	Max Depth:	3.00 ft	Max Depth:	3.00 ft
		Bottom Clip			
Link Count:	2	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	69.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P1		Upstream		Downstream	
Scenario:	post development	Invert:	63.64 ft	Invert:	63.50 ft
From Node:	DS-2 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-1 (LILLIAN LEE RD)	Max Depth:	4.00 ft	Max Depth:	4.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	288.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P10		Upstream		Downstream	
Scenario:	post development	Invert:	63.74 ft	Invert:	63.70 ft
From Node:	DS-9 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-2 (LILLIAN LEE RD)	Max Depth:	2.00 ft	Max Depth:	2.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	8.00 ft	Manning's N:	0.0000	Manning's N:	0.0000

FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P12		Upstream		Downstream	
Scenario:	post development	Invert:	63.76 ft	Invert:	63.58 ft
From Node:	DS-13 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-12 (LILLIAN	Max Depth:	3.00 ft	Max Depth:	3.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	2	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	345.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P13		Upstream		Downstream	
Scenario:	post development	Invert:	65.56 ft	Invert:	64.76 ft
From Node:	DS-32 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-13 (LILLIAN	Max Depth:	3.00 ft	Max Depth:	3.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	400.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P13A		Upstream		Downstream	
Scenario:	post development	Invert:	69.39 ft	Invert:	65.56 ft
From Node:	DS-14 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-32 (LILLIAN	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	465.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P14		Upstream		Downstream	
Scenario:	post development	Invert:	69.69 ft	Invert:	69.39 ft
From Node:	DS-15 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-14 (LILLIAN	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P15		Upstream		Downstream	
Scenario:	post development	Invert:	62.76 ft	Invert:	62.50 ft
From Node:	DS-20 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	130.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P16		Upstream		Downstream	
Scenario:	post development	Invert:	63.14 ft	Invert:	62.76 ft
From Node:	DS-21 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-20 (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	190.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P17		Upstream		Downstream	
Scenario:	post development	Invert:	64.52 ft	Invert:	64.39 ft
From Node:	DS-22 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P18		Upstream		Downstream	
Scenario:	post development	Invert:	63.80 ft	Invert:	63.14 ft
From Node:	DS-23 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN	Max Depth:	2.00 ft	Max Depth:	2.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P19		Upstream		Downstream	
Scenario:	post development	Invert:	64.18 ft	Invert:	64.05 ft
From Node:	DS-24 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-23 (LILLIAN	Max Depth:	1.50 ft	Max Depth:	1.50 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P2		Upstream		Downstream	
Scenario:	post development	Invert:	63.80 ft	Invert:	63.66 ft
From Node:	DS-3 (LILLIAN LEE	Manning's N:	0.0120	Manning's N:	0.0120
	ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-2A (LILLIAN	Max Depth:	4.00 ft	Max Depth:	4.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	141.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P20		Upstream		Downstream	
Scenario:	post development	Invert:	67.70 ft	Invert:	67.50 ft
From Node:	DS-17 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	40.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P21		Upstream		Downstream	
Scenario:	post development	Invert:	67.83 ft	Invert:	67.70 ft
From Node:	DS-18 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-17 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)		Bottom Clip		
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P22		Upstream		Downstream	
Scenario:	post development	Invert:	65.60 ft	Invert:	63.20 ft
From Node:	DS-26 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	POND (LILLIAN	Max Depth:	2.50 ft	Max Depth:	2.50 ft
	LEE)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Positive	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	80.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.70	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P23		Upstream		Downstream	
Scenario:	post development	Invert:	66.92 ft	Invert:	66.39 ft
From Node:	DS-28 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-26 (LILLIAN	Max Depth:	1.58 ft	Max Depth:	1.58 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P24		Upstream		Downstream	
Scenario:	post development	Invert:	67.45 ft	Invert:	67.32 ft
From Node:	DS-27 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-28 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P25		Upstream		Downstream	
Scenario:	post development	Invert:	67.58 ft	Invert:	66.92 ft
From Node:	DS-30 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-28 (LILLIAN	Max Depth:	1.58 ft	Max Depth:	1.58 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	265.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P26		Upstream		Downstream	
Scenario:	post development	Invert:	68.12 ft	Invert:	67.99 ft
From Node:	DS-29 (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-30 (LILLIAN	Max Depth:	1.17 ft	Max Depth:	1.17 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0130	Manning's N:	0.0130
FHWA Code:	30	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0130	Manning's N:	0.0130
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P28		Upstream		Downstream	
Scenario:	post development	Invert:	68.36 ft	Invert:	67.99 ft
From Node:	DS-34 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-30 (LILLIAN	Max Depth:	1.00 ft	Max Depth:	1.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0120	Manning's N:	0.0120
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0120	Manning's N:	0.0120
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P29		Upstream		Downstream	
Scenario:	post development	Invert:	67.69 ft	Invert:	67.32 ft
From Node:	DS-35 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-28 (LILLIAN	Max Depth:	1.00 ft	Max Depth:	1.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P2A		Upstream		Downstream	
Scenario:	post development	Invert:	63.66 ft	Invert:	63.64 ft
From Node:	DS-2A (LILLIAN	Manning's N:	0.0120	Manning's N:	0.0120
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-2 (LILLIAN LEE	Max Depth:	4.00 ft	Max Depth:	4.00 ft
	RD)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	23.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P3		Upstream		Downstream	
Scenario:	post development	Invert:	64.10 ft	Invert:	63.95 ft
From Node:	DS-4 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-3 (LILLIAN LEE ESTATES)	Max Depth:	3.50 ft	Max Depth:	3.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P30		Upstream		Downstream	
Scenario:	post development	Invert:	67.65 ft	Invert:	67.28 ft
From Node:	DS-36 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Circular		Geometry: Circular	
To Node:	DS-23 (LILLIAN LEE ESTATES)	Max Depth:	1.00 ft	Max Depth:	1.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1		Top Clip		
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P31		Upstream		Downstream	
Scenario:	post development	Invert:	67.17 ft	Invert:	66.80 ft
From Node:	DS-37 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-21 (LILLIAN	Max Depth:	1.00 ft	Max Depth:	1.00 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	74.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	1.00	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P32		Upstream		Downstream	
Scenario:	post development	Invert:	66.85 ft	Invert:	66.72 ft
From Node:	DS-33 (LILLIAN	Manning's N:	0.0130	Manning's N:	0.0130
	LEE ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-26 (LILLIAN	Max Depth:	1.25 ft	Max Depth:	1.25 ft
	LEE ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	25.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				

Comment: CONVERTED

Pipe Link: P4		Upstream		Downstream	
Scenario:	post development	Invert:	64.41 ft	Invert:	64.10 ft
From Node:	DS-5 (LILLIAN LEE	Manning's N:	0.0120	Manning's N:	0.0120
	ESTATES)	Geometry: Circular		Geometry: Circular	
To Node:	DS-4 (LILLIAN LEE	Max Depth:	3.50 ft	Max Depth:	3.50 ft
	ESTATES)	Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	

Length:	320.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P5		Upstream		Downstream	
Scenario:	post development	Invert:	64.70 ft	Invert:	64.66 ft
From Node:	DS-6 (LILLIAN LEE ESTATES)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-5 (LILLIAN LEE ESTATES)	Max Depth:	3.50 ft	Max Depth:	3.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	8.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.20	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P7		Upstream		Downstream	
Scenario:	post development	Invert:	68.70 ft	Invert:	68.32 ft
From Node:	DS-31 (LILLIAN LEE ESTATES)	Manning's N:	0.0130	Manning's N:	0.0130
		Geometry: Horizontal Ellipse		Geometry: Horizontal Ellipse	
To Node:	DS-29 (LILLIAN LEE ESTATES)	Max Depth:	1.00 ft	Max Depth:	1.00 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	150.00 ft	Manning's N:	0.0130	Manning's N:	0.0130
FHWA Code:	30	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0130	Manning's N:	0.0130
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P8		Upstream		Downstream	
Scenario:	post development	Invert:	64.12 ft	Invert:	63.74 ft
From Node:	DS-11 (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-9 (LILLIAN LEE ESTATES)	Max Depth:	2.50 ft	Max Depth:	2.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	378.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Pipe Link: P8A		Upstream		Downstream	
Scenario:	post development	Invert:	67.00 ft	Invert:	66.86 ft
From Node:	DS-11A (LILLIAN LEE RD)	Manning's N:	0.0120	Manning's N:	0.0120
		Geometry: Circular		Geometry: Circular	
To Node:	DS-11 (LILLIAN LEE RD)	Max Depth:	1.50 ft	Max Depth:	1.50 ft
		Bottom Clip			
Link Count:	1	Default:	0.00 ft	Default:	0.00 ft
Flow Direction:	Both	Op Table:		Op Table:	
Damping:	0.0000 ft	Ref Node:		Ref Node:	
Length:	28.00 ft	Manning's N:	0.0000	Manning's N:	0.0000
FHWA Code:	1	Top Clip			
Entr Loss Coef:	0.50	Default:	0.00 ft	Default:	0.00 ft
Exit Loss Coef:	0.50	Op Table:		Op Table:	
Bend Loss Coef:	0.00	Ref Node:		Ref Node:	
Bend Location:	0.00 dec	Manning's N:	0.0000	Manning's N:	0.0000
Energy Switch:	Energy				
Comment: CONVERTED					

Weir Link: POND A1 OVERFLOW			
Scenario:	post development	Bottom Clip	
From Node:	POND A1 (DRY)	Default:	0.00 ft
To Node:	POND A (WET)	Op Table:	
Link Count:	1	Ref Node:	
Flow Direction:	Both	Top Clip	
Damping:	0.0000 ft	Default:	0.00 ft
Weir Type:	Broad Crested Vertical	Op Table:	
Geometry Type:	Trapezoidal	Ref Node:	

Invert:	75.00 ft
Control Elevation:	75.00 ft
Max Depth:	99999.00 ft
Extrapolation Method:	Normal Projection
Bottom Width:	1066.20 ft
Left Slope:	4.000 (h:v)
Right Slope:	4.000 (h:v)

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Weir Link: POND A2 OVERFLOW

Scenario:	post development
From Node:	POND A2 (DRY)
To Node:	POND A (WET)
Link Count:	1
Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Broad Crested Vertical
Geometry Type:	Trapezoidal
Invert:	75.00 ft
Control Elevation:	75.00 ft
Max Depth:	9999.00 ft
Extrapolation Method:	Normal Projection
Bottom Width:	1622.20 ft
Left Slope:	4.000 (h:v)
Right Slope:	4.000 (h:v)

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	2.800
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Comment:

Simulation: 100y72h

Scenario:	post development
Run Date/Time:	10/23/2025 11:22:25 AM
Program Version:	ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 100yr72hr
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr
Smp/Man Basin Rain Opt: Global
Rainfall Name: Sfwmd72
Rainfall Amount: 12.00 in
Storm Duration: 72.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 10y24h

Scenario: post development

Run Date/Time: 10/23/2025 12:11:05 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	100.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3
Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 10yr24hr
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft

IA Recovery Time: 24.0000 hr
Smp/Man Basin Rain Opt: Global

Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Flmod
		Rainfall Amount:	6.00 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 10y72h

Scenario: post development
Run Date/Time: 10/23/2025 12:51:35 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Lookup Tables

Rainfall Folder:	ICPR3	Boundary Stage Set:	10yr72hr
		Extern Hydrograph Set:	
Unit Hydrograph Folder:	ICPR3	Curve Number Set:	ICPR3
		Green-Ampt Set:	ICPR3
		Vertical Layers Set:	
		Impervious Set:	ICPR3

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	72.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec		
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Sfwmd72
		Rainfall Amount:	8.00 in
Edge Length Option:	Automatic	Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 25y72h

Scenario:	post development
Run Date/Time:	10/23/2025 10:36:10 AM
Program Version:	ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		60.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	30.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder: ICPR3

Lookup Tables

Boundary Stage Set: 25y72h
Extern Hydrograph Set:
Curve Number Set: ICPR3
Green-Ampt Set: ICPR3
Vertical Layers Set:
Impervious Set: ICPR3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft
Edge Length Option: Automatic

IA Recovery Time: 72.0000 hr
Smp/Man Basin Rain Opt: Global
Rainfall Name: Sfwmd72
Rainfall Amount: 10.00 in
Storm Duration: 72.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 3y24h

Scenario: post development
Run Date/Time: 10/23/2025 1:41:40 PM
Program Version: ICPR4 4.07.08

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	50.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder: Icpr3
Unit Hydrograph Folder: Icpr3

Lookup Tables

Boundary Stage Set: 3yr24hr
Extern Hydrograph Set:
Curve Number Set: Icpr3
Green-Ampt Set:
Vertical Layers Set:
Impervious Set: Icpr3

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
IA Recovery Time: 24.0000 hr
Smp/Man Basin Rain Opt: Global

Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsi-24
		Rainfall Amount:	3.75 in
Edge Length Option:	Automatic	Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 100y (flood routing extended)

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	24.0000	65.10
0	0	0	40.0000	65.20
0	0	0	48.0000	65.70
0	0	0	60.0000	65.90
0	0	0	72.0000	66.10
0	0	0	80.0000	66.20
0	0	0	96.0000	66.48
0	0	0	150.0000	66.45

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 100yr72hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.77
0	0	0	55.0000	66.15
0	0	0	60.0000	66.48
0	0	0	80.0000	66.48

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 10yr24hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	12.0000	65.20
0	0	0	18.0000	65.36
0	0	0	30.0000	65.36

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 10yr72hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.36
0	0	0	55.0000	65.46
0	0	0	60.0000	65.56
0	0	0	80.0000	65.56

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 25y72h

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.36
0	0	0	55.0000	65.56
0	0	0	60.0000	65.77
0	0	0	80.0000	65.77

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 3yr24hr

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.10
0	0	0	12.0000	65.15
0	0	0	18.0000	65.23
0	0	0	30.0000	65.23

Comment:

Boundary Stage: cr15 outfall

Boundary Stage Set: 50y72h

Year	Month	Day	Hour [hr]	Stage [ft]
0	0	0	0.0000	65.77
0	0	0	55.0000	66.00
0	0	0	60.0000	66.15
0	0	0	80.0000	66.15

Comment:

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
ASHTON PARK	100y72h	135.71	60.2333	12.00	6.26	47.5600	58.0	26.50	26.50
ASHTON PARK	10y24h	46.39	12.3667	6.00	2.18	47.5600	63.0	26.50	26.50
ASHTON PARK	10y72h	71.14	60.2333	8.00	3.40	47.5600	60.5	26.50	26.50
ASHTON PARK	25y72h	102.41	60.2333	10.00	4.77	47.5600	59.0	26.50	26.50
ASHTON PARK	3y24h	15.66	10.2333	3.75	1.09	47.5600	68.6	26.50	26.50

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 1 (LILLIAN LEE ESTATES)	100y72h	7.41	60.0667	12.00	9.03	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	10y24h	3.63	12.1000	6.00	3.48	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	10y72h	4.56	60.0667	8.00	5.27	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	25y72h	5.99	60.0667	10.00	7.13	1.7600	77.0	0.00	0.00
BASIN 1 (LILLIAN LEE ESTATES)	3y24h	0.94	10.1000	3.75	1.62	1.7600	77.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 10	100y72h	3.61	60.0167	12.00	9.97	0.7100	84.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
(LILLIAN LEE ESTATES)									
BASIN 10 (LILLIAN LEE ESTATES)	10y24h	2.08	12.0500	6.00	4.19	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	10y72h	2.31	60.0167	8.00	6.09	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	25y72h	2.96	60.0167	10.00	8.02	0.7100	84.0	0.00	0.00
BASIN 10 (LILLIAN LEE ESTATES)	3y24h	0.63	10.0333	3.75	2.15	0.7100	84.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 11 (LILLIAN LEE ESTATES)	100y72h	3.12	60.0500	12.00	9.85	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	10y24h	1.72	12.1000	6.00	4.09	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	10y72h	1.99	60.0667	8.00	5.98	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	25y72h	2.56	60.0667	10.00	7.90	0.7100	83.0	0.00	0.00
BASIN 11 (LILLIAN LEE ESTATES)	3y24h	0.52	10.0833	3.75	2.07	0.7100	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 12 (LILLIAN LEE ESTATES)	100y72h	4.66	60.0667	12.00	9.44	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	10y24h	2.42	12.1000	6.00	3.78	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	10y72h	2.91	60.0667	8.00	5.62	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	25y72h	3.79	60.0667	10.00	7.52	1.0800	80.0	0.00	0.00
BASIN 12 (LILLIAN LEE ESTATES)	3y24h	0.69	10.0833	3.75	1.84	1.0800	80.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 13 (LILLIAN LEE ESTATES)	100y72h	0.31	60.0333	12.00	8.89	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	10y24h	0.15	12.0833	6.00	3.38	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	10y72h	0.19	60.0500	8.00	5.16	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN LEE ESTATES)	25y72h	0.25	60.0333	10.00	7.00	0.0700	76.0	0.00	0.00
BASIN 13 (LILLIAN	3y24h	0.04	10.0667	3.75	1.55	0.0700	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 14 (LILLIAN LEE ESTATES)	100y72h	0.32	60.0333	12.00	8.89	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	10y24h	0.15	12.0667	6.00	3.38	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	10y72h	0.19	60.0333	8.00	5.15	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	25y72h	0.26	60.0333	10.00	7.00	0.0700	76.0	0.00	0.00
BASIN 14 (LILLIAN LEE ESTATES)	3y24h	0.04	10.0667	3.75	1.55	0.0700	76.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 15 (LILLIAN LEE ESTATES)	100y72h	1.84	60.1833	12.00	6.56	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN LEE ESTATES)	10y24h	0.56	12.3500	6.00	1.92	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN	10y72h	0.98	60.2000	8.00	3.33	0.7400	60.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 15 (LILLIAN LEE ESTATES)	25y72h	1.40	60.1833	10.00	4.90	0.7400	60.0	0.00	0.00
BASIN 15 (LILLIAN LEE ESTATES)	3y24h	0.06	10.7167	3.75	0.64	0.7400	60.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 16 (LILLIAN LEE ESTATES)	100y72h	1.09	60.1333	12.00	6.86	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	10y24h	0.35	12.2667	6.00	2.09	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	10y72h	0.59	60.1500	8.00	3.55	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	25y72h	0.84	60.1333	10.00	5.16	0.3800	62.0	0.00	0.00
BASIN 16 (LILLIAN LEE ESTATES)	3y24h	0.04	10.6000	3.75	0.74	0.3800	62.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 17 (LILLIAN	100y72h	1.79	60.0500	12.00	9.71	0.4100	82.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 17 (LILLIAN LEE ESTATES)	10y24h	0.97	12.1000	6.00	3.99	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	10y72h	1.13	60.0667	8.00	5.86	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	25y72h	1.46	60.0667	10.00	7.77	0.4100	82.0	0.00	0.00
BASIN 17 (LILLIAN LEE ESTATES)	3y24h	0.29	10.0833	3.75	1.99	0.4100	82.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 18 (LILLIAN LEE ESTATES)	100y72h	2.06	60.0500	12.00	9.71	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	10y24h	1.11	12.1000	6.00	3.99	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	10y72h	1.30	60.0667	8.00	5.86	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	25y72h	1.68	60.0667	10.00	7.77	0.4700	82.0	0.00	0.00
BASIN 18 (LILLIAN LEE ESTATES)	3y24h	0.33	10.0833	3.75	1.99	0.4700	82.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 2 (LILLIAN LEE ESTATES)	100y72h	5.44	60.0667	12.00	9.44	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	10y24h	2.83	12.1000	6.00	3.78	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	10y72h	3.40	60.0667	8.00	5.62	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	25y72h	4.42	60.0667	10.00	7.52	1.2600	80.0	0.00	0.00
BASIN 2 (LILLIAN LEE ESTATES)	3y24h	0.80	10.0833	3.75	1.84	1.2600	80.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 20 (LILLIAN LEE ESTATES)	100y72h	1.18	60.0333	12.00	8.89	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	10y24h	0.57	12.0667	6.00	3.38	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	10y72h	0.72	60.0333	8.00	5.15	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN LEE ESTATES)	25y72h	0.95	60.0333	10.00	7.00	0.2600	76.0	0.00	0.00
BASIN 20 (LILLIAN	3y24h	0.14	10.0667	3.75	1.55	0.2600	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 21 (LILLIAN LEE ESTATES)	100y72h	1.54	60.0333	12.00	8.89	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	10y24h	0.75	12.0667	6.00	3.38	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	10y72h	0.94	60.0333	8.00	5.15	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	25y72h	1.24	60.0333	10.00	7.00	0.3400	76.0	0.00	0.00
BASIN 21 (LILLIAN LEE ESTATES)	3y24h	0.19	10.0667	3.75	1.55	0.3400	76.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 22 (LILLIAN LEE ESTATES)	100y72h	1.54	60.0333	12.00	8.89	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN LEE ESTATES)	10y24h	0.75	12.0667	6.00	3.38	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN	10y72h	0.94	60.0333	8.00	5.15	0.3400	76.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 22 (LILLIAN LEE ESTATES)	25y72h	1.24	60.0333	10.00	7.00	0.3400	76.0	0.00	0.00
BASIN 22 (LILLIAN LEE ESTATES)	3y24h	0.19	10.0667	3.75	1.55	0.3400	76.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 23 (LILLIAN LEE ESTATES)	100y72h	1.18	60.0333	12.00	8.89	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	10y24h	0.57	12.0667	6.00	3.38	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	10y72h	0.72	60.0333	8.00	5.15	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	25y72h	0.95	60.0333	10.00	7.00	0.2600	76.0	0.00	0.00
BASIN 23 (LILLIAN LEE ESTATES)	3y24h	0.14	10.0667	3.75	1.55	0.2600	76.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 3 (LILLIAN	100y72h	3.70	60.0500	12.00	9.85	0.8400	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 3 (LILLIAN LEE ESTATES)	10y24h	2.03	12.1000	6.00	4.09	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	10y72h	2.35	60.0667	8.00	5.98	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	25y72h	3.03	60.0667	10.00	7.90	0.8400	83.0	0.00	0.00
BASIN 3 (LILLIAN LEE ESTATES)	3y24h	0.62	10.0833	3.75	2.07	0.8400	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 4 (LILLIAN LEE ESTATES)	100y72h	3.76	60.0500	12.00	9.98	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	10y24h	2.11	12.1000	6.00	4.20	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	10y72h	2.40	60.0667	8.00	6.09	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	25y72h	3.09	60.0667	10.00	8.03	0.8500	84.0	0.00	0.00
BASIN 4 (LILLIAN LEE ESTATES)	3y24h	0.66	10.0833	3.75	2.15	0.8500	84.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 5 (LILLIAN LEE ESTATES)	100y72h	3.95	60.0667	12.00	9.58	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	10y24h	2.10	12.1000	6.00	3.88	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	10y72h	2.49	60.0667	8.00	5.74	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	25y72h	3.22	60.0667	10.00	7.65	0.9100	81.0	0.00	0.00
BASIN 5 (LILLIAN LEE ESTATES)	3y24h	0.61	10.0833	3.75	1.91	0.9100	81.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 6 (LILLIAN LEE ESTATES)	100y72h	4.09	60.0500	12.00	9.85	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	10y24h	2.25	12.1000	6.00	4.09	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	10y72h	2.60	60.0667	8.00	5.98	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN LEE ESTATES)	25y72h	3.35	60.0667	10.00	7.90	0.9300	83.0	0.00	0.00
BASIN 6 (LILLIAN	3y24h	0.69	10.0833	3.75	2.07	0.9300	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 7 (LILLIAN LEE ESTATES)	100y72h	5.24	60.0500	12.00	9.85	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	10y24h	2.88	12.1000	6.00	4.09	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	10y72h	3.33	60.0667	8.00	5.98	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	25y72h	4.29	60.0667	10.00	7.90	1.1900	83.0	0.00	0.00
BASIN 7 (LILLIAN LEE ESTATES)	3y24h	0.88	10.0833	3.75	2.07	1.1900	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 8 (LILLIAN LEE ESTATES)	100y72h	2.80	60.0333	12.00	10.37	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN LEE ESTATES)	10y24h	1.66	12.0833	6.00	4.52	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN	10y72h	1.81	60.0333	8.00	6.45	0.5900	87.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN 8 (LILLIAN LEE ESTATES)	25y72h	2.31	60.0333	10.00	8.40	0.5900	87.0	0.00	0.00
BASIN 8 (LILLIAN LEE ESTATES)	3y24h	0.55	10.0667	3.75	2.41	0.5900	87.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN 9 (LILLIAN LEE ESTATES)	100y72h	13.34	60.0167	12.00	9.84	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	10y24h	7.55	12.0500	6.00	4.09	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	10y72h	8.49	60.0167	8.00	5.97	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	25y72h	10.92	60.0167	10.00	7.89	2.6400	83.0	0.00	0.00
BASIN 9 (LILLIAN LEE ESTATES)	3y24h	2.25	10.0333	3.75	2.07	2.6400	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
BASIN19 (LILLIAN	100y72h	2.43	60.0667	12.00	9.58	0.5600	81.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LEE ESTATES)									
BASIN19 (LILLIAN LEE ESTATES)	10y24h	1.29	12.1000	6.00	3.88	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	10y72h	1.53	60.0667	8.00	5.74	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	25y72h	1.98	60.0667	10.00	7.65	0.5600	81.0	0.00	0.00
BASIN19 (LILLIAN LEE ESTATES)	3y24h	0.37	10.0833	3.75	1.91	0.5600	81.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
CR 15 POND 3	100y72h	13.87	60.0500	12.00	10.41	3.0800	87.3	0.00	0.00
CR 15 POND 3	10y24h	8.19	12.1000	6.00	4.55	3.0800	87.3	0.00	0.00
CR 15 POND 3	10y72h	8.99	60.0500	8.00	6.49	3.0800	87.3	0.00	0.00
CR 15 POND 3	25y72h	11.44	60.0500	10.00	8.44	3.0800	87.3	0.00	0.00
CR 15 POND 3	3y24h	2.76	10.0833	3.75	2.44	3.0800	87.3	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
CR 15 POND 3 R3	100y72h	36.72	60.0667	12.00	10.94	8.4600	91.4	0.00	0.00
CR 15	10y24h	22.84	12.1167	6.00	5.00	8.4600	91.4	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND 3 R3									
CR 15 POND 3 R3	10y72h	24.14	60.0667	8.00	6.97	8.4600	91.4	0.00	0.00
CR 15 POND 3 R3	25y72h	30.44	60.0667	10.00	8.95	8.4600	91.4	0.00	0.00
CR 15 POND 3 R3	3y24h	8.43	10.0833	3.75	2.82	8.4600	91.4	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HARVEST GROVE (POST BASIN 1)	100y72h	77.72	60.0500	12.00	10.76	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	10y24h	47.66	12.1000	6.00	4.84	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	10y72h	50.86	60.0500	8.00	6.80	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	25y72h	64.32	60.0500	10.00	8.78	17.0700	90.0	0.00	0.00
HARVEST GROVE (POST BASIN 1)	3y24h	16.97	10.0667	3.75	2.68	17.0700	90.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
HARVEST	100y72h	6.57	60.0500	12.00	11.14	1.4300	93.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
GROVE (POST BASIN 2-PUFFIN RD)									
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	10y24h	4.18	12.1000	6.00	5.18	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	10y72h	4.34	60.0500	8.00	7.16	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	25y72h	5.46	60.0500	10.00	9.15	1.4300	93.0	0.00	0.00
HARVEST GROVE (POST BASIN 2-PUFFIN RD)	3y24h	1.58	10.0667	3.75	2.98	1.4300	93.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Haywood Ruffin	100y72h	21.66	61.9833	12.00	6.94	28.1200	62.5	0.00	0.00
Haywood Ruffin	10y24h	6.87	14.3833	6.00	2.13	28.1200	62.5	0.00	0.00
Haywood Ruffin	10y72h	11.69	62.0333	8.00	3.61	28.1200	62.5	0.00	0.00
Haywood Ruffin	25y72h	16.61	62.0167	10.00	5.23	28.1200	62.5	0.00	0.00
Haywood Ruffin	3y24h	1.40	15.3167	3.75	0.76	28.1200	62.5	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK 10A	100y72h	7.11	60.0667	12.00	7.02	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	10y24h	2.43	12.1167	6.00	2.18	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	10y72h	3.92	60.0667	8.00	3.67	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	25y72h	5.50	60.0667	10.00	5.30	1.9900	63.0	0.00	0.00
LANCASTER PARK 10A	3y24h	0.32	10.1167	3.75	0.78	1.9900	63.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK 30	100y72h	2.89	60.0500	12.00	9.71	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	10y24h	1.56	12.1000	6.00	3.99	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	10y72h	1.82	60.0667	8.00	5.86	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	25y72h	2.36	60.0667	10.00	7.77	0.6600	82.0	0.00	0.00
LANCASTER PARK 30	3y24h	0.46	10.0833	3.75	1.99	0.6600	82.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK POND 10	100y72h	69.86	60.1833	12.00	8.19	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	10y24h	29.46	12.3167	6.00	2.90	24.3400	71.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARK POND 10	10y72h	41.01	60.2000	8.00	4.58	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	25y72h	55.40	60.2000	10.00	6.35	24.3400	71.0	0.00	0.00
LANCASTER PARK POND 10	3y24h	6.12	10.2833	3.75	1.23	24.3400	71.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LANCASTER PARKm POND 11	100y72h	84.13	60.2167	12.00	8.47	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	10y24h	37.22	12.3333	6.00	3.09	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	10y72h	50.10	60.2167	8.00	4.81	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	25y72h	67.12	60.2167	10.00	6.61	29.7500	73.0	0.00	0.00
LANCASTER PARKm POND 11	3y24h	8.40	10.2833	3.75	1.35	29.7500	73.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LAURA LEE HILL (NORTH OFFSITE)	100y72h	7.91	60.1500	12.00	8.33	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	10y24h	3.41	12.2333	6.00	2.99	2.4600	72.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LAURA LEE HILL (NORTH OFFSITE)	10y72h	4.69	60.1500	8.00	4.69	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	25y72h	6.30	60.1500	10.00	6.48	2.4600	72.0	0.00	0.00
LAURA LEE HILL (NORTH OFFSITE)	3y24h	0.75	10.2000	3.75	1.29	2.4600	72.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE (OFFSITE ROAD)	100y72h	27.23	60.0167	12.00	9.84	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	10y24h	15.42	12.0500	6.00	4.09	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	10y72h	17.33	60.0167	8.00	5.97	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	25y72h	22.30	60.0167	10.00	7.89	5.3900	83.0	0.00	0.00
LILLIAN LEE (OFFSITE ROAD)	3y24h	4.59	10.0333	3.75	2.07	5.3900	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE ROAD 1	100y72h	2.00	60.0167	12.00	11.13	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	10y24h	1.30	12.0500	6.00	5.18	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	10y72h	1.32	60.0167	8.00	7.15	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	25y72h	1.66	60.0167	10.00	9.14	0.3800	93.0	0.00	0.00
LILLIAN LEE ROAD 1	3y24h	0.48	10.0333	3.75	2.97	0.3800	93.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LILLIAN LEE ROAD 2	100y72h	0.58	60.0167	12.00	11.50	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	10y24h	0.39	12.0500	6.00	5.52	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	10y72h	0.39	60.0167	8.00	7.51	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	25y72h	0.48	60.0167	10.00	9.51	0.1100	96.0	0.00	0.00
LILLIAN LEE ROAD 2	3y24h	0.15	10.0333	3.75	3.29	0.1100	96.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LK SATILLA	100y72h	208.56	60.0667	12.00	8.04	53.1100	70.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
NORTH									
LK SATILLA NORTH	10y24h	86.97	12.1167	6.00	2.80	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	10y72h	122.09	60.0667	8.00	4.46	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	25y72h	165.25	60.0667	10.00	6.22	53.1100	70.0	0.00	0.00
LK SATILLA NORTH	3y24h	17.61	10.1000	3.75	1.17	53.1100	70.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LK SATILLA SOUTH	100y72h	189.98	60.0667	12.00	7.90	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	10y24h	77.22	12.1167	6.00	2.71	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	10y72h	110.35	60.0667	8.00	4.35	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	25y72h	150.06	60.0667	10.00	6.09	48.9600	69.0	0.00	0.00
LK SATILLA SOUTH	3y24h	14.91	10.1000	3.75	1.11	48.9600	69.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 1	100y72h	76.85	60.0167	12.00	10.23	14.9700	86.0	0.00	0.00
LOT 1	10y24h	45.69	12.0500	6.00	4.40	14.9700	86.0	0.00	0.00
LOT 1	10y72h	49.57	60.0167	8.00	6.32	14.9700	86.0	0.00	0.00
LOT 1	25y72h	63.26	60.0167	10.00	8.27	14.9700	86.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 1	3y24h	14.54	10.0333	3.75	2.32	14.9700	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 1A	100y72h	14.28	60.0167	12.00	11.00	2.7200	92.0	0.00	0.00
LOT 1A	10y24h	9.20	12.0500	6.00	5.06	2.7200	92.0	0.00	0.00
LOT 1A	10y72h	9.41	60.0167	8.00	7.04	2.7200	92.0	0.00	0.00
LOT 1A	25y72h	11.85	60.0167	10.00	9.02	2.7200	92.0	0.00	0.00
LOT 1A	3y24h	3.30	10.0333	3.75	2.87	2.7200	92.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 2	100y72h	9.34	60.0167	12.00	10.23	1.8200	86.0	0.00	0.00
LOT 2	10y24h	5.55	12.0500	6.00	4.40	1.8200	86.0	0.00	0.00
LOT 2	10y72h	6.03	60.0167	8.00	6.32	1.8200	86.0	0.00	0.00
LOT 2	25y72h	7.69	60.0167	10.00	8.27	1.8200	86.0	0.00	0.00
LOT 2	3y24h	1.77	10.0333	3.75	2.32	1.8200	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 3	100y72h	4.88	60.0167	12.00	10.23	0.9500	86.0	0.00	0.00
LOT 3	10y24h	2.90	12.0500	6.00	4.40	0.9500	86.0	0.00	0.00
LOT 3	10y72h	3.15	60.0167	8.00	6.32	0.9500	86.0	0.00	0.00
LOT 3	25y72h	4.01	60.0167	10.00	8.27	0.9500	86.0	0.00	0.00
LOT 3	3y24h	0.92	10.0333	3.75	2.32	0.9500	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 4	100y72h	4.62	60.0167	12.00	10.23	0.9000	86.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 4	10y24h	2.75	12.0500	6.00	4.40	0.9000	86.0	0.00	0.00
LOT 4	10y72h	2.98	60.0167	8.00	6.32	0.9000	86.0	0.00	0.00
LOT 4	25y72h	3.80	60.0167	10.00	8.27	0.9000	86.0	0.00	0.00
LOT 4	3y24h	0.87	10.0333	3.75	2.32	0.9000	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 5	100y72h	4.16	60.0167	12.00	10.23	0.8100	86.0	0.00	0.00
LOT 5	10y24h	2.47	12.0500	6.00	4.40	0.8100	86.0	0.00	0.00
LOT 5	10y72h	2.68	60.0167	8.00	6.32	0.8100	86.0	0.00	0.00
LOT 5	25y72h	3.42	60.0167	10.00	8.27	0.8100	86.0	0.00	0.00
LOT 5	3y24h	0.79	10.0333	3.75	2.32	0.8100	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 6	100y72h	9.75	60.0167	12.00	10.23	1.9000	86.0	0.00	0.00
LOT 6	10y24h	5.80	12.0500	6.00	4.40	1.9000	86.0	0.00	0.00
LOT 6	10y72h	6.29	60.0167	8.00	6.32	1.9000	86.0	0.00	0.00
LOT 6	25y72h	8.03	60.0167	10.00	8.27	1.9000	86.0	0.00	0.00
LOT 6	3y24h	1.85	10.0333	3.75	2.32	1.9000	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 7	100y72h	4.11	60.0167	12.00	10.23	0.8000	86.0	0.00	0.00
LOT 7	10y24h	2.44	12.0500	6.00	4.40	0.8000	86.0	0.00	0.00
LOT 7	10y72h	2.65	60.0167	8.00	6.32	0.8000	86.0	0.00	0.00
LOT 7	25y72h	3.38	60.0167	10.00	8.27	0.8000	86.0	0.00	0.00
LOT 7	3y24h	0.78	10.0333	3.75	2.32	0.8000	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin	Sim Name	Max Flow	Time to	Total	Total	Area [ac]	Equivalent	% Imperv	% DCIA

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 8	100y72h	4.57	60.0167	12.00	10.23	0.8900	86.0	0.00	0.00
LOT 8	10y24h	2.72	12.0500	6.00	4.40	0.8900	86.0	0.00	0.00
LOT 8	10y72h	2.95	60.0167	8.00	6.32	0.8900	86.0	0.00	0.00
LOT 8	25y72h	3.76	60.0167	10.00	8.27	0.8900	86.0	0.00	0.00
LOT 8	3y24h	0.86	10.0333	3.75	2.32	0.8900	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
LOT 9	100y72h	20.74	60.0167	12.00	10.23	4.0400	86.0	0.00	0.00
LOT 9	10y24h	12.33	12.0500	6.00	4.40	4.0400	86.0	0.00	0.00
LOT 9	10y72h	13.38	60.0167	8.00	6.32	4.0400	86.0	0.00	0.00
LOT 9	25y72h	17.07	60.0167	10.00	8.27	4.0400	86.0	0.00	0.00
LOT 9	3y24h	3.92	10.0333	3.75	2.32	4.0400	86.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Laura Lee Outparcel	100y72h	2.10	60.3667	12.00	3.05	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	10y24h	0.12	13.0667	6.00	0.39	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	10y72h	0.68	60.4333	8.00	1.07	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	25y72h	1.34	60.3833	10.00	1.97	2.1900	38.0	0.00	0.00
Laura Lee Outparcel	3y24h	0.01	24.0167	3.75	0.01	2.1900	38.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND A BASIN	100y72h	19.75	60.0167	12.00	9.84	3.9100	83.0	0.00	0.00
POND A BASIN	10y24h	11.19	12.0500	6.00	4.09	3.9100	83.0	0.00	0.00

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND A BASIN	10y72h	12.57	60.0167	8.00	5.97	3.9100	83.0	0.00	0.00
POND A BASIN	25y72h	16.17	60.0167	10.00	7.89	3.9100	83.0	0.00	0.00
POND A BASIN	3y24h	3.33	10.0333	3.75	2.07	3.9100	83.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND A1 BASIN	100y72h	5.78	60.0333	12.00	4.03	2.1900	44.0	0.00	0.00
POND A1 BASIN	10y24h	0.68	12.2833	6.00	0.74	2.1900	44.0	0.00	0.00
POND A1 BASIN	10y72h	2.44	60.0333	8.00	1.63	2.1900	44.0	0.00	0.00
POND A1 BASIN	25y72h	4.04	60.0333	10.00	2.75	2.1900	44.0	0.00	0.00
POND A1 BASIN	3y24h	0.02	23.0500	3.75	0.10	2.1900	44.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
POND A2 BASIN	100y72h	10.66	60.0333	12.00	4.03	4.0400	44.0	0.00	0.00
POND A2 BASIN	10y24h	1.25	12.2833	6.00	0.74	4.0400	44.0	0.00	0.00
POND A2 BASIN	10y72h	4.50	60.0333	8.00	1.63	4.0400	44.0	0.00	0.00
POND A2 BASIN	25y72h	7.44	60.0333	10.00	2.75	4.0400	44.0	0.00	0.00
POND A2 BASIN	3y24h	0.04	23.0500	3.75	0.10	4.0400	44.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin	Sim Name	Max Flow	Time to	Total	Total	Area [ac]	Equivalent	% Imperv	% DCIA

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
PUFFIN ROAD	100y72h	9.04	60.0167	12.00	10.10	1.7700	85.0	0.00	0.00
PUFFIN ROAD	10y24h	5.29	12.0500	6.00	4.30	1.7700	85.0	0.00	0.00
PUFFIN ROAD	10y72h	5.81	60.0167	8.00	6.21	1.7700	85.0	0.00	0.00
PUFFIN ROAD	25y72h	7.43	60.0167	10.00	8.15	1.7700	85.0	0.00	0.00
PUFFIN ROAD	3y24h	1.65	10.0333	3.75	2.23	1.7700	85.0	0.00	0.00

Simple Basin Runoff Summary [post development]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]	Equivalent Curve Number	% Imperv	% DCIA
Post (OFFSITE)	100y72h	21.79	60.0167	12.00	10.62	4.1900	89.0	0.00	0.00
Post (OFFSITE)	10y24h	13.52	12.0500	6.00	4.73	4.1900	89.0	0.00	0.00
Post (OFFSITE)	10y72h	14.22	60.0167	8.00	6.68	4.1900	89.0	0.00	0.00
Post (OFFSITE)	25y72h	18.01	60.0167	10.00	8.65	4.1900	89.0	0.00	0.00
Post (OFFSITE)	3y24h	4.58	10.0333	3.75	2.59	4.1900	89.0	0.00	0.00

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ASHTON PARK	100y72h	74.50	74.08	0.0003	135.71	69.67	158820
ASHTON PARK	10y24h	74.50	72.48	0.0003	46.39	11.04	145656
ASHTON PARK	10y72h	74.50	73.09	0.0002	71.14	14.79	150896
ASHTON PARK	25y72h	74.50	73.80	0.0002	102.41	17.53	157109
ASHTON PARK	3y24h	74.50	71.83	0.0002	15.66	2.30	140128

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
COUNTY NARCOOSSEE PND 3	100y72h	68.00	68.29	0.0001	50.59	7.01	115870
COUNTY NARCOOSSEE PND 3	10y24h	68.00	66.52	0.0001	30.99	1.16	96369
COUNTY NARCOOSSEE PND 3	10y72h	68.00	67.03	0.0001	33.12	6.06	99866
COUNTY NARCOOSSEE PND 3	25y72h	68.00	67.49	0.0001	41.88	7.81	107472
COUNTY NARCOOSSEE PND 3	3y24h	68.00	65.86	0.0001	11.26	0.16	92355

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR 15 HEADWALL	100y72h	66.48	68.22	0.0033	148.47	74.29	5506
CR 15 HEADWALL	10y24h	66.48	65.51	-0.0010	28.15	45.91	5447
CR 15 HEADWALL	10y72h	66.48	66.33	0.0016	74.42	49.42	5464

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR 15 HEADWALL	25y72h	66.48	67.25	0.0010	68.70	68.67	5464
CR 15 HEADWALL	3y24h	66.48	65.23	0.0010	28.75	26.03	5448

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CR15 OUTFALL	100y72h	66.48	66.48	0.0000	74.29	42.26	0
CR15 OUTFALL	10y24h	66.48	65.36	0.0001	22.42	28.15	0
CR15 OUTFALL	10y72h	66.48	65.56	0.0000	49.42	33.14	0
CR15 OUTFALL	25y72h	66.48	65.77	0.0000	68.67	33.15	0
CR15 OUTFALL	3y24h	66.48	65.23	0.0000	3.69	28.14	0

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-1 (LILLIAN LEE RD)	100y72h	73.00	73.33	-0.2999	569.79	587.09	949
DS-1 (LILLIAN LEE RD)	10y24h	73.00	70.46	-0.0042	14.65	18.60	949
DS-1 (LILLIAN LEE RD)	10y72h	73.00	71.48	-0.0258	34.78	68.14	949
DS-1 (LILLIAN LEE RD)	25y72h	73.00	72.36	-0.1456	277.19	287.35	949
DS-1 (LILLIAN LEE RD)	3y24h	73.00	69.16	-0.0044	12.57	13.10	949

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-11 (LILLIAN LEE RD)	100y72h	70.90	73.25	0.0005	19.53	19.46	478
DS-11 (LILLIAN LEE RD)	10y24h	70.90	70.57	-0.0005	11.16	11.15	478
DS-11 (LILLIAN LEE RD)	10y72h	70.90	71.72	0.0004	15.00	14.98	478
DS-11 (LILLIAN LEE RD)	25y72h	70.90	72.50	0.0005	17.70	17.69	478
DS-11 (LILLIAN LEE RD)	3y24h	70.90	69.17	0.0006	2.36	2.37	489

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-11A (LILLIAN LEE RD)	100y72h	71.02	73.26	0.0004	2.00	1.95	100
DS-11A (LILLIAN LEE RD)	10y24h	71.02	70.57	0.0005	1.30	1.20	100
DS-11A (LILLIAN LEE RD)	10y72h	71.02	71.72	-0.0004	1.32	1.26	100
DS-11A (LILLIAN LEE RD)	25y72h	71.02	72.50	0.0003	1.66	1.58	100
DS-11A (LILLIAN LEE RD)	3y24h	71.02	69.17	0.0004	0.48	0.47	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-12	100y72h	74.00	73.14	-0.0037	76.73	67.26	20037

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-12 (LILLIAN LEE ESTATES)	10y24h	74.00	70.47	-0.0041	8.40	9.09	9826
DS-12 (LILLIAN LEE ESTATES)	10y72h	74.00	71.46	0.0033	19.96	19.65	19323
DS-12 (LILLIAN LEE ESTATES)	25y72h	74.00	72.25	-0.0035	33.17	40.89	19777
DS-12 (LILLIAN LEE ESTATES)	3y24h	74.00	69.17	-0.0024	6.99	5.52	1247

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-13 (LILLIAN LEE ESTATES)	100y72h	72.00	73.14	-0.0007	117.02	111.15	28342
DS-13 (LILLIAN LEE ESTATES)	10y24h	72.00	70.47	0.0010	17.97	20.57	28339
DS-13 (LILLIAN LEE ESTATES)	10y72h	72.00	71.47	-0.0007	42.70	38.67	28341
DS-13 (LILLIAN LEE ESTATES)	25y72h	72.00	72.25	-0.0007	69.26	63.96	28342
DS-13 (LILLIAN LEE ESTATES)	3y24h	72.00	69.17	-0.0009	8.31	5.71	10975

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-14 (LILLIAN LEE ESTATES)	100y72h	74.00	74.29	-0.0009	26.44	26.42	593

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-14 (LILLIAN LEE ESTATES)	10y24h	74.00	70.54	0.0001	3.04	3.04	617
DS-14 (LILLIAN LEE ESTATES)	10y72h	74.00	71.62	0.0005	13.72	13.69	605
DS-14 (LILLIAN LEE ESTATES)	25y72h	74.00	73.62	0.0007	25.54	25.51	596
DS-14 (LILLIAN LEE ESTATES)	3y24h	74.00	69.74	0.0000	0.68	0.68	589

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-15 (LILLIAN LEE ESTATES)	100y72h	74.00	74.94	0.0010	26.47	26.44	200
DS-15 (LILLIAN LEE ESTATES)	10y24h	74.00	70.62	0.0001	3.04	3.04	196
DS-15 (LILLIAN LEE ESTATES)	10y72h	74.00	71.82	0.0002	13.73	13.72	256
DS-15 (LILLIAN LEE ESTATES)	25y72h	74.00	74.36	0.0007	25.58	25.54	200
DS-15 (LILLIAN LEE ESTATES)	3y24h	74.00	70.05	0.0000	0.68	0.68	145

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-17 (LILLIAN LEE ESTATES)	100y72h	74.00	74.04	-0.0033	7.35	7.27	100
DS-17 (LILLIAN LEE	10y24h	74.00	71.68	0.0009	4.01	3.95	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-17 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0005	4.66	4.60	100
DS-17 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	0.0016	6.01	5.94	100
DS-17 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	1.21	1.20	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-18 (LILLIAN LEE ESTATES)	100y72h	74.00	74.37	0.0020	4.66	4.58	100
DS-18 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0009	2.42	2.37	100
DS-18 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0005	2.91	2.86	100
DS-18 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	-0.0015	3.79	3.72	100
DS-18 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	0.69	0.67	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-2 (LILLIAN LEE RD)	100y72h	74.00	73.14	0.0172	51.17	54.67	635
DS-2 (LILLIAN LEE RD)	10y24h	74.00	70.47	-0.0033	18.02	14.58	635
DS-2	10y72h	74.00	71.48	0.0056	23.90	20.33	635

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE RD)							
DS-2 (LILLIAN LEE RD)	25y72h	74.00	72.26	0.0165	26.56	33.60	635
DS-2 (LILLIAN LEE RD)	3y24h	74.00	69.17	0.0028	6.24	5.23	635

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-20 (LILLIAN LEE ESTATES)	100y72h	74.00	75.26	0.0015	23.90	23.82	224
DS-20 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0010	12.51	12.45	224
DS-20 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0013	15.12	15.07	224
DS-20 (LILLIAN LEE ESTATES)	25y72h	74.00	73.91	0.0006	19.56	19.49	224
DS-20 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	3.57	3.56	224

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-21 (LILLIAN LEE ESTATES)	100y72h	74.00	77.56	-0.0009	22.25	22.15	452
DS-21 (LILLIAN LEE ESTATES)	10y24h	74.00	71.75	0.0010	11.61	11.55	452
DS-21 (LILLIAN LEE ESTATES)	10y72h	74.00	73.52	-0.0012	14.07	14.00	452

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-21 (LILLIAN LEE ESTATES)	25y72h	74.00	75.44	0.0008	18.20	18.12	452
DS-21 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	3.30	3.29	452

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-22 (LILLIAN LEE ESTATES)	100y72h	74.00	78.00	0.0009	5.44	5.23	100
DS-22 (LILLIAN LEE ESTATES)	10y24h	74.00	71.86	0.0010	2.83	2.74	100
DS-22 (LILLIAN LEE ESTATES)	10y72h	74.00	73.70	0.0006	3.40	3.30	100
DS-22 (LILLIAN LEE ESTATES)	25y72h	74.00	75.74	0.0009	4.42	4.28	100
DS-22 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	0.80	0.78	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-23 (LILLIAN LEE ESTATES)	100y72h	74.00	78.42	0.0009	12.14	12.01	286
DS-23 (LILLIAN LEE ESTATES)	10y24h	74.00	71.96	0.0010	6.20	6.14	286
DS-23 (LILLIAN LEE ESTATES)	10y72h	74.00	73.86	0.0006	7.62	7.55	286
DS-23 (LILLIAN LEE	25y72h	74.00	76.01	0.0009	9.90	9.80	286

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-23 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	1.71	1.70	286

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-24 (LILLIAN LEE ESTATES)	100y72h	74.00	78.79	0.0010	7.41	7.18	100
DS-24 (LILLIAN LEE ESTATES)	10y24h	74.00	72.05	0.0010	3.63	3.54	100
DS-24 (LILLIAN LEE ESTATES)	10y72h	74.00	74.00	0.0007	4.56	4.45	100
DS-24 (LILLIAN LEE ESTATES)	25y72h	74.00	76.26	0.0010	5.99	5.83	100
DS-24 (LILLIAN LEE ESTATES)	3y24h	74.00	70.83	0.0010	0.94	0.93	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-26 (LILLIAN LEE ESTATES)	100y72h	74.00	74.00	0.0010	25.42	25.35	368
DS-26 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0010	13.84	13.78	368
DS-26 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0013	16.25	16.19	368
DS-26 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	-0.0018	20.88	20.82	368
DS-26	3y24h	74.00	70.82	0.0010	4.16	4.14	368

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-27 (LILLIAN LEE ESTATES)	100y72h	74.00	76.51	0.0007	3.12	3.00	100
DS-27 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0006	1.72	1.65	100
DS-27 (LILLIAN LEE ESTATES)	10y72h	74.00	73.13	0.0005	1.99	1.92	100
DS-27 (LILLIAN LEE ESTATES)	25y72h	74.00	74.76	0.0007	2.56	2.47	100
DS-27 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	0.52	0.51	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-28 (LILLIAN LEE ESTATES)	100y72h	74.00	76.37	0.0006	21.16	21.07	694
DS-28 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	-0.0010	11.56	11.50	694
DS-28 (LILLIAN LEE ESTATES)	10y72h	74.00	73.07	-0.0010	13.55	13.49	693
DS-28 (LILLIAN LEE ESTATES)	25y72h	74.00	74.66	-0.0010	17.40	17.32	693
DS-28 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	3.49	3.47	694

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-29 (LILLIAN LEE ESTATES)	100y72h	74.00	77.58	0.0008	7.24	7.02	148
DS-29 (LILLIAN LEE ESTATES)	10y24h	74.00	71.85	0.0006	3.98	3.88	148
DS-29 (LILLIAN LEE ESTATES)	10y72h	74.00	73.57	0.0006	4.64	4.53	148
DS-29 (LILLIAN LEE ESTATES)	25y72h	74.00	75.48	0.0008	5.95	5.80	148
DS-29 (LILLIAN LEE ESTATES)	3y24h	74.00	70.83	0.0009	1.21	1.19	148

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-2A (LILLIAN LEE ESTATES)	100y72h	73.50	73.13	-0.0066	34.29	34.68	334
DS-2A (LILLIAN LEE ESTATES)	10y24h	73.50	70.47	0.0036	7.04	7.47	334
DS-2A (LILLIAN LEE ESTATES)	10y72h	73.50	71.48	0.0035	7.94	9.45	334
DS-2A (LILLIAN LEE ESTATES)	25y72h	73.50	72.26	-0.0062	9.40	14.00	334
DS-2A (LILLIAN LEE ESTATES)	3y24h	73.50	69.17	0.0017	4.85	4.14	334

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-3	100y72h	74.00	73.13	-0.0042	34.26	34.29	550

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-3 (LILLIAN LEE ESTATES)	10y24h	74.00	70.47	0.0033	5.45	7.04	550
DS-3 (LILLIAN LEE ESTATES)	10y72h	74.00	71.48	0.0031	7.49	7.94	550
DS-3 (LILLIAN LEE ESTATES)	25y72h	74.00	72.26	0.0033	9.09	9.40	550
DS-3 (LILLIAN LEE ESTATES)	3y24h	74.00	69.17	0.0017	4.15	3.14	550

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-30 (LILLIAN LEE ESTATES)	100y72h	74.00	77.23	0.0008	12.09	11.96	380
DS-30 (LILLIAN LEE ESTATES)	10y24h	74.00	71.74	-0.0009	6.61	6.55	381
DS-30 (LILLIAN LEE ESTATES)	10y72h	74.00	73.42	0.0005	7.76	7.68	380
DS-30 (LILLIAN LEE ESTATES)	25y72h	74.00	75.24	0.0008	9.95	9.85	380
DS-30 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	2.00	1.98	381

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-31 (LILLIAN LEE ESTATES)	100y72h	74.00	78.23	-0.0010	3.95	3.83	127

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-31 (LILLIAN LEE ESTATES)	10y24h	74.00	72.03	0.0006	2.10	2.03	153
DS-31 (LILLIAN LEE ESTATES)	10y72h	74.00	73.83	0.0006	2.49	2.43	127
DS-31 (LILLIAN LEE ESTATES)	25y72h	74.00	75.92	0.0009	3.22	3.14	127
DS-31 (LILLIAN LEE ESTATES)	3y24h	74.00	70.83	0.0007	0.61	0.59	166

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-32 (LILLIAN LEE ESTATES)	100y72h	73.00	73.35	0.0127	26.42	26.39	1151
DS-32 (LILLIAN LEE ESTATES)	10y24h	73.00	70.48	0.0116	19.35	7.85	1151
DS-32 (LILLIAN LEE ESTATES)	10y72h	73.00	71.50	0.0123	24.33	13.67	1151
DS-32 (LILLIAN LEE ESTATES)	25y72h	73.00	72.33	0.0114	25.51	25.49	1151
DS-32 (LILLIAN LEE ESTATES)	3y24h	73.00	69.22	-0.0064	4.86	7.96	1150

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-33 (LILLIAN LEE ESTATES)	100y72h	74.00	74.01	0.0006	2.43	2.34	100
DS-33 (LILLIAN LEE	10y24h	74.00	71.68	0.0010	1.29	1.23	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-33 (LILLIAN LEE ESTATES)	10y72h	74.00	72.64	0.0006	1.53	1.47	100
DS-33 (LILLIAN LEE ESTATES)	25y72h	74.00	73.54	0.0006	1.98	1.90	100
DS-33 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	0.37	0.36	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-34 (LILLIAN LEE ESTATES)	100y72h	74.00	77.32	0.0008	1.18	1.13	100
DS-34 (LILLIAN LEE ESTATES)	10y24h	74.00	71.77	0.0006	0.57	0.52	100
DS-34 (LILLIAN LEE ESTATES)	10y72h	74.00	73.46	0.0005	0.72	0.67	100
DS-34 (LILLIAN LEE ESTATES)	25y72h	74.00	75.30	0.0008	0.95	0.90	100
DS-34 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	0.18	0.13	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-35 (LILLIAN LEE ESTATES)	100y72h	74.00	76.46	0.0007	1.18	1.08	100
DS-35 (LILLIAN LEE ESTATES)	10y24h	74.00	71.68	0.0006	0.57	0.51	100
DS-35	10y72h	74.00	73.11	0.0005	0.72	0.65	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							
DS-35 (LILLIAN LEE ESTATES)	25y72h	74.00	74.72	0.0007	0.95	0.87	100
DS-35 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0009	0.18	0.13	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-36 (LILLIAN LEE ESTATES)	100y72h	74.00	78.58	0.0010	1.54	1.45	100
DS-36 (LILLIAN LEE ESTATES)	10y24h	74.00	72.00	0.0009	0.75	0.67	100
DS-36 (LILLIAN LEE ESTATES)	10y72h	74.00	73.92	0.0006	0.94	0.86	100
DS-36 (LILLIAN LEE ESTATES)	25y72h	74.00	76.12	0.0009	1.24	1.15	100
DS-36 (LILLIAN LEE ESTATES)	3y24h	74.00	70.83	0.0009	0.43	0.17	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-37 (LILLIAN LEE ESTATES)	100y72h	74.00	77.72	0.0008	1.54	1.40	100
DS-37 (LILLIAN LEE ESTATES)	10y24h	74.00	71.78	0.0010	0.75	0.67	100
DS-37 (LILLIAN LEE ESTATES)	10y72h	74.00	73.58	0.0006	0.94	0.85	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-37 (LILLIAN LEE ESTATES)	25y72h	74.00	75.54	0.0008	1.24	1.12	100
DS-37 (LILLIAN LEE ESTATES)	3y24h	74.00	70.82	0.0010	0.43	0.17	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-4 (LILLIAN LEE ESTATES)	100y72h	74.00	73.13	0.0028	18.71	18.50	828
DS-4 (LILLIAN LEE ESTATES)	10y24h	74.00	70.47	0.0025	4.38	4.86	828
DS-4 (LILLIAN LEE ESTATES)	10y72h	74.00	71.48	0.0028	6.31	5.05	828
DS-4 (LILLIAN LEE ESTATES)	25y72h	74.00	72.26	0.0028	6.37	6.32	828
DS-4 (LILLIAN LEE ESTATES)	3y24h	74.00	69.17	0.0026	4.37	2.91	828

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-5 (LILLIAN LEE ESTATES)	100y72h	74.00	73.13	-0.0124	25.41	18.71	579
DS-5 (LILLIAN LEE ESTATES)	10y24h	74.00	70.48	0.0029	6.04	4.38	579
DS-5 (LILLIAN LEE ESTATES)	10y72h	74.00	71.48	-0.0091	12.80	10.28	579
DS-5 (LILLIAN LEE	25y72h	74.00	72.26	-0.0071	7.47	10.65	579

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
ESTATES)							
DS-5 (LILLIAN LEE ESTATES)	3y24h	74.00	69.17	0.0054	9.52	4.37	579

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-6 (LILLIAN LEE ESTATES)	100y72h	73.00	73.13	0.0364	93.33	78.43	100
DS-6 (LILLIAN LEE ESTATES)	10y24h	73.00	70.48	-0.0031	3.41	6.04	100
DS-6 (LILLIAN LEE ESTATES)	10y72h	73.00	71.48	0.0057	9.89	9.46	100
DS-6 (LILLIAN LEE ESTATES)	25y72h	73.00	72.26	0.0067	10.73	7.47	100
DS-6 (LILLIAN LEE ESTATES)	3y24h	73.00	69.17	-0.0054	0.75	9.52	100

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
DS-9 (LILLIAN LEE ESTATES)	100y72h	74.00	73.15	0.0033	19.46	19.42	489
DS-9 (LILLIAN LEE ESTATES)	10y24h	74.00	70.48	0.0010	11.15	11.27	489
DS-9 (LILLIAN LEE ESTATES)	10y72h	74.00	71.51	0.0010	14.98	15.03	489
DS-9 (LILLIAN LEE ESTATES)	25y72h	74.00	72.29	0.0029	17.69	17.71	489
DS-9	3y24h	74.00	69.17	0.0010	2.37	2.92	489

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(LILLIAN LEE ESTATES)							

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
East LILLIAN LEE ESTATES Offsite	100y72h	72.00	73.14	-0.0017	118.30	13.99	572423
East LILLIAN LEE ESTATES Offsite	10y24h	72.00	70.47	-0.0017	15.16	10.42	240561
East LILLIAN LEE ESTATES Offsite	10y72h	72.00	71.47	-0.0017	41.91	20.05	454468
East LILLIAN LEE ESTATES Offsite	25y72h	72.00	72.25	-0.0017	69.56	12.67	572423
East LILLIAN LEE ESTATES Offsite	3y24h	72.00	69.17	-0.0017	1.09	1.68	51200

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
HARVEST GROVE POND	100y72h	72.00	73.15	0.0003	84.29	23.39	84071
HARVEST GROVE POND	10y24h	72.00	71.09	0.0002	51.84	10.94	71137
HARVEST GROVE POND	10y72h	72.00	71.79	0.0002	55.19	16.22	75698
HARVEST GROVE POND	25y72h	72.00	72.41	0.0002	69.78	18.76	79936
HARVEST GROVE POND	3y24h	72.00	70.06	0.0001	18.55	1.68	64400

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK POND 10	100y72h	74.00	73.94	0.0001	70.40	11.55	176230
LANCASTER PARK POND 10	10y24h	74.00	71.98	0.0001	29.65	1.95	151243
LANCASTER PARK POND 10	10y72h	74.00	72.53	0.0001	41.57	4.32	154827
LANCASTER PARK POND 10	25y72h	74.00	73.34	0.0001	55.96	7.57	160145
LANCASTER PARK POND 10	3y24h	74.00	71.26	0.0000	6.13	0.40	146537

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK POND 11	100y72h	75.50	74.76	0.0001	84.13	5.01	239149
LANCASTER PARK POND 11	10y24h	75.50	72.95	0.0001	37.22	0.67	216908
LANCASTER PARK POND 11	10y72h	75.50	73.73	0.0001	50.10	0.98	224527
LANCASTER PARK POND 11	25y72h	75.50	74.08	0.0001	67.12	4.31	228182
LANCASTER PARK POND 11	3y24h	75.50	72.13	0.0000	8.40	0.42	208992

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-1	100y72h	71.00	70.00	0.0003	0.00	0.00	0

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-1	10y24h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-1	10y72h	71.00	70.00	0.0004	0.00	0.00	0
LANCASTER PARK TW-1	25y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-1	3y24h	71.00	68.17	0.0003	0.00	0.00	0

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LANCASTER PARK TW-3	100y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	10y24h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	10y72h	71.00	70.00	0.0004	0.00	0.00	0
LANCASTER PARK TW-3	25y72h	71.00	70.00	0.0003	0.00	0.00	0
LANCASTER PARK TW-3	3y24h	71.00	69.90	0.0003	0.00	0.00	0

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LAURA LEE HILL (NORTH)	100y72h	72.00	73.13	-0.0355	64.38	79.53	100
LAURA LEE HILL (NORTH)	10y24h	72.00	71.03	0.0000	3.41	3.41	100
LAURA LEE HILL (NORTH)	10y72h	72.00	71.48	-0.0004	4.69	4.69	100
LAURA LEE HILL (NORTH)	25y72h	72.00	72.26	0.0008	6.30	6.30	100
LAURA LEE HILL	3y24h	72.00	71.01	0.0000	0.75	0.75	100

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
(NORTH)							

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LILLIAN LEE DUMMY-1	100y72h	0.00	73.28	-0.2800	571.95	528.55	866
LILLIAN LEE DUMMY-1	10y24h	0.00	70.45	0.0048	17.20	10.09	866
LILLIAN LEE DUMMY-1	10y72h	0.00	71.47	0.0191	68.14	19.23	866
LILLIAN LEE DUMMY-1	25y72h	0.00	72.33	-0.1384	285.58	253.49	866
LILLIAN LEE DUMMY-1	3y24h	0.00	69.16	0.0048	17.20	12.43	866

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LILLIAN LEE DUMMY-2	100y72h	0.00	73.72	-0.0011	12.72	12.37	831
LILLIAN LEE DUMMY-2	10y24h	0.00	70.46	0.0044	4.41	3.98	831
LILLIAN LEE DUMMY-2	10y72h	0.00	71.47	0.0073	7.31	6.21	831
LILLIAN LEE DUMMY-2	25y72h	0.00	72.43	-0.0006	9.51	9.46	831
LILLIAN LEE DUMMY-2	3y24h	0.00	69.17	0.0006	1.68	1.61	831

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LK SATILLA NORTH (POND 1	100y72h	71.00	70.03	0.0002	259.37	79.43	366229

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NORTH)							
LK SATILLA NORTH (POND 1 NORTH)	10y24h	71.00	68.29	0.0001	87.52	18.82	347197
LK SATILLA NORTH (POND 1 NORTH)	10y72h	71.00	68.73	0.0001	131.95	41.45	351744
LK SATILLA NORTH (POND 1 NORTH)	25y72h	71.00	69.25	0.0001	201.97	72.27	357275
LK SATILLA NORTH (POND 1 NORTH)	3y24h	71.00	67.45	0.0000	17.62	1.66	338347

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
LK SATILLA SOUTH (POND 2 SOUTH)	100y72h	70.50	71.65	-0.0166	243.08	65.79	294064
LK SATILLA SOUTH (POND 2 SOUTH)	10y24h	70.50	69.84	-0.0166	115.20	17.00	277307
LK SATILLA SOUTH (POND 2 SOUTH)	10y72h	70.50	70.24	-0.0166	143.89	36.26	280590
LK SATILLA SOUTH (POND 2 SOUTH)	25y72h	70.50	70.95	-0.0166	193.24	53.71	286463
LK SATILLA SOUTH (POND 2 SOUTH)	3y24h	70.50	69.15	-0.0166	25.84	16.58	271696

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NTH DTCH DUMMY-1	100y72h	68.70	68.24	0.0010	76.25	116.90	107532
NTH DTCH DUMMY-1	10y24h	68.70	65.55	0.0010	33.13	22.44	73685
NTH DTCH DUMMY-1	10y72h	68.70	66.38	0.0010	50.69	50.80	107532
NTH DTCH DUMMY-1	25y72h	68.70	67.30	0.0010	70.92	68.70	107532
NTH DTCH DUMMY-1	3y24h	68.70	65.24	0.0010	26.03	19.36	50678

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
NTH DTCH DUMMY-2	100y72h	68.70	68.29	0.0010	96.66	75.45	225000
NTH DTCH DUMMY-2	10y24h	68.70	65.62	0.0010	21.44	21.41	75041
NTH DTCH DUMMY-2	10y72h	68.70	66.49	0.0010	52.87	46.80	163310
NTH DTCH DUMMY-2	25y72h	68.70	67.39	0.0010	87.34	67.65	225000
NTH DTCH DUMMY-2	3y24h	68.70	65.24	0.0010	14.48	3.64	46413

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND (LILLIAN LEE)	100y72h	74.00	73.95	0.0002	68.84	20.60	96655
POND (LILLIAN LEE)	10y24h	74.00	71.67	0.0001	37.14	1.96	75746
POND (LILLIAN LEE)	10y72h	74.00	72.64	0.0002	43.91	2.94	82447
POND (LILLIAN LEE)	25y72h	74.00	73.53	0.0002	56.51	3.40	92482
POND (LILLIAN LEE)	3y24h	74.00	70.82	0.0000	11.07	0.35	70737

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND A (WET)	100y72h	76.10	75.52	0.0001	187.76	25.52	354768
POND A (WET)	10y24h	76.10	74.35	0.0002	81.87	3.02	195505
POND A (WET)	10y72h	76.10	74.85	0.0003	123.75	13.54	302084
POND A (WET)	25y72h	76.10	75.19	0.0002	160.64	24.99	342342
POND A (WET)	3y24h	76.10	72.76	0.0000	3.33	0.67	114241

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND A1 (DRY)	100y72h	76.10	75.52	0.0001	72.86	69.01	74488
POND A1 (DRY)	10y24h	76.10	75.05	0.0001	41.17	37.31	74488
POND A1 (DRY)	10y72h	76.10	75.06	0.0000	45.90	45.72	74488
POND A1 (DRY)	25y72h	76.10	75.19	0.0000	59.35	59.13	74488
POND A1 (DRY)	3y24h	76.10	75.01	0.0001	13.29	1.56	74488

Node Max Conditions [post development]

Node Name	Sim Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND A2 (DRY)	100y72h	76.10	75.52	0.0001	105.86	99.79	128938
POND A2 (DRY)	10y24h	76.10	75.04	0.0001	57.59	42.38	128938
POND A2 (DRY)	10y72h	76.10	75.06	0.0000	65.87	65.53	128938
POND A2 (DRY)	25y72h	76.10	75.19	0.0000	85.79	85.40	128938
POND A2 (DRY)	3y24h	76.10	75.00	0.0000	17.95	1.52	128938

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 1	100y72h	10.67	0.00	0.01	0.84	0.84	0.84
AP OVERFLOW 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 1	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 2	100y72h	14.23	0.00	0.01	0.90	0.90	0.90
AP OVERFLOW 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 2	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
AP OVERFLOW 3	100y72h	28.45	0.00	0.02	0.90	0.90	0.90
AP OVERFLOW 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
AP OVERFLOW 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
ASHTON CS-1 - Pipe	100y72h	18.95	0.00	-0.15	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	100y72h	13.81	0.00	-0.31	4.93	4.93	4.93
ASHTON CS-1 - Weir: 2	100y72h	13.08	0.00	0.01	1.94	1.94	1.94
ASHTON CS-1 - Pipe	10y24h	11.04	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	10y24h	11.04	0.00	-0.01	3.94	3.94	3.94
ASHTON CS-1 - Weir: 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Pipe	10y72h	14.79	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	10y72h	14.79	0.00	0.00	5.28	5.28	5.28
ASHTON CS-1 - Weir: 2	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Pipe	25y72h	17.53	0.00	-0.15	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	25y72h	14.61	0.00	-0.30	5.22	5.22	5.22
ASHTON CS-1 - Weir: 2	25y72h	7.68	0.00	0.01	1.76	1.76	1.76
ASHTON CS-1 - Pipe	3y24h	2.30	0.00	0.00	0.00	0.00	0.00
ASHTON CS-1 - Weir: 1	3y24h	2.30	0.00	0.00	1.43	1.43	1.43
ASHTON CS-1 - Weir: 2	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CR-15 CROSS CULVERT	100y72h	74.29	-42.26	-16.19	7.32	7.32	7.32
CR-15 CROSS CULVERT	10y24h	22.42	-28.15	6.60	-2.87	-5.72	-4.17
CR-15 CROSS CULVERT	10y72h	49.42	-33.14	-23.62	4.87	-6.03	4.87
CR-15 CROSS CULVERT	25y72h	68.67	-33.15	-6.06	6.76	6.76	6.76

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CR-15 CROSS CULVERT	3y24h	3.69	-28.14	-9.40	-2.87	-5.72	-4.17

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CROSS CULVERT LILLIAN LEE	100y72h	26.03	-21.74	-26.03	2.07	-2.74	2.07
CROSS CULVERT LILLIAN LEE	10y24h	10.95	-7.56	8.81	1.45	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	10y72h	16.98	-4.01	16.78	1.45	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	25y72h	18.13	-15.59	18.11	1.45	-2.74	-2.00
CROSS CULVERT LILLIAN LEE	3y24h	8.27	-12.43	8.26	1.45	-2.74	-2.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-1 (LILLIAN LEPAN) - Pipe	100y72h	20.60	0.00	0.01	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	100y72h	18.71	0.00	0.01	2.15	2.15	2.15
CS-1 (LILLIAN LEPAN) - Weir: 2	100y72h	0.48	0.00	0.00	7.16	7.16	7.16
CS-1 (LILLIAN LEPAN) - Weir: 3	100y72h	2.99	0.00	0.01	7.16	7.16	7.16

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-1 (LILLIAN LEPAN) - Pipe	10y24h	1.96	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	10y24h	0.43	0.00	0.00	6.43	6.43	6.43
CS-1 (LILLIAN LEPAN) - Weir: 3	10y24h	1.60	0.00	0.00	3.82	3.82	3.82
CS-1 (LILLIAN LEPAN) - Pipe	10y72h	2.94	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	10y72h	0.45	0.00	0.00	6.79	6.79	6.79
CS-1 (LILLIAN LEPAN) - Weir: 3	10y72h	2.53	0.00	0.00	6.06	6.06	6.06
CS-1 (LILLIAN LEPAN) - Pipe	25y72h	3.40	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 1	25y72h	0.40	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	25y72h	0.47	0.00	0.00	7.02	7.02	7.02
CS-1 (LILLIAN LEPAN) - Weir: 3	25y72h	2.93	0.00	0.00	7.02	7.02	7.02
CS-1 (LILLIAN	3y24h	0.35	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LEPAN) - Pipe							
CS-1 (LILLIAN LEPAN) - Weir: 1	3y24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-1 (LILLIAN LEPAN) - Weir: 2	3y24h	0.35	0.00	0.00	5.21	5.21	5.21
CS-1 (LILLIAN LEPAN) - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-3 FOR CR 15 PND 3 - Pipe	100y72h	7.01	-0.21	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	100y72h	0.09	-0.21	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	100y72h	6.94	0.00	-0.01	1.87	1.87	1.87
CS-3 FOR CR 15 PND 3 - Pipe	10y24h	1.16	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	10y24h	0.21	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	10y24h	0.97	0.00	0.00	1.49	1.49	1.49
CS-3 FOR CR 15 PND 3 - Pipe	10y72h	6.06	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	10y72h	0.20	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 -	10y72h	5.90	0.00	0.00	2.71	2.71	2.71

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Weir: 2							
CS-3 FOR CR 15 PND 3 - Pipe	25y72h	7.81	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	25y72h	0.18	-0.16	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	25y72h	7.70	0.00	0.01	2.67	2.67	2.67
CS-3 FOR CR 15 PND 3 - Pipe	3y24h	0.16	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 1	3y24h	0.16	-0.13	0.00	0.00	0.00	0.00
CS-3 FOR CR 15 PND 3 - Weir: 2	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-A (HARVEST GROVE) - Pipe	100y72h	23.39	-0.08	-0.51	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	100y72h	0.46	0.00	-0.03	5.39	5.39	5.39
CS-A (HARVEST GROVE) - Weir: 2	100y72h	18.65	-0.06	-1.05	3.21	3.21	3.21
CS-A (HARVEST GROVE) - Weir: 3	100y72h	14.33	-0.02	-0.25	1.68	1.68	1.68
CS-A (HARVEST GROVE) - Pipe	10y24h	10.94	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CS-A (HARVEST GROVE) - Weir: 1	10y24h	0.48	0.00	0.00	5.61	5.61	5.61
CS-A (HARVEST GROVE) - Weir: 2	10y24h	10.53	0.00	0.01	3.51	3.51	3.51
CS-A (HARVEST GROVE) - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Pipe	10y72h	16.22	0.00	-0.02	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	10y72h	0.46	0.00	0.00	5.37	5.37	5.37
CS-A (HARVEST GROVE) - Weir: 2	10y72h	15.85	0.00	0.04	3.63	3.63	3.63
CS-A (HARVEST GROVE) - Weir: 3	10y72h	0.00	0.00	0.00	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Pipe	25y72h	18.76	0.00	-0.01	0.00	0.00	0.00
CS-A (HARVEST GROVE) - Weir: 1	25y72h	0.45	0.00	0.00	5.30	5.30	5.30
CS-A (HARVEST GROVE) - Weir: 2	25y72h	18.46	0.00	-0.02	3.50	3.50	3.50
CS-A (HARVEST GROVE) - Weir: 3	25y72h	0.83	0.00	0.00	0.76	0.76	0.76
CS-A (HARVEST GROVE) -	3y24h	1.68	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Pipe							
CS-A (HARVEST GROVE) - Weir: 1	3y24h	0.48	0.00	0.00	5.62	5.62	5.62
CS-A (HARVEST GROVE) - Weir: 2	3y24h	1.22	0.00	-0.01	1.77	1.77	1.77
CS-A (HARVEST GROVE) - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
DS-POND A - Pipe	100y72h	25.52	0.00	0.01	0.00	0.00	0.00
DS-POND A - Weir: 1	100y72h	20.73	0.00	0.01	2.24	2.24	2.24
DS-POND A - Weir: 2	100y72h	1.55	0.00	-0.01	7.89	7.89	7.89
DS-POND A - Weir: 3	100y72h	9.45	0.00	0.00	4.09	4.09	4.09
DS-POND A - Pipe	10y24h	3.02	0.00	0.00	0.00	0.00	0.00
DS-POND A - Weir: 1	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
DS-POND A - Weir: 2	10y24h	1.37	0.00	-0.01	6.97	6.97	6.97
DS-POND A - Weir: 3	10y24h	1.65	0.00	0.00	1.59	1.59	1.59
DS-POND A - Pipe	10y72h	13.54	0.00	-0.01	0.00	0.00	0.00
DS-POND A - Weir: 1	10y72h	4.34	0.00	-0.01	1.44	1.44	1.44
DS-POND A - Weir: 2	10y72h	1.52	0.00	0.00	7.76	7.76	7.76
DS-POND A - Weir: 3	10y72h	7.67	0.00	0.00	3.32	3.32	3.32
DS-POND A - Pipe	25y72h	24.99	0.00	0.01	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
DS-POND A - Weir: 1	25y72h	17.40	0.00	-0.01	2.24	2.24	2.24
DS-POND A - Weir: 2	25y72h	1.55	0.00	0.00	7.89	7.89	7.89
DS-POND A - Weir: 3	25y72h	9.45	0.00	0.00	4.09	4.09	4.09
DS-POND A - Pipe	3y24h	0.67	0.00	0.00	0.00	0.00	0.00
DS-POND A - Weir: 1	3y24h	0.00	0.00	0.00	0.00	0.00	0.00
DS-POND A - Weir: 2	3y24h	0.67	0.00	0.00	3.43	3.43	3.43
DS-POND A - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
East Offsite	100y72h	13.99	-111.15	1.17	-0.18	-0.18	-0.18
East Offsite	10y24h	10.38	-15.16	2.00	0.72	0.72	0.72
East Offsite	10y72h	16.07	-38.67	1.59	-0.20	-0.20	-0.20
East Offsite	25y72h	12.32	-63.96	0.72	-0.15	-0.15	-0.15
East Offsite	3y24h	0.23	-1.09	-0.87	-0.43	-0.43	-0.43

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
East Swale	100y72h	37.69	-18.99	-4.27	0.75	-0.95	-0.48
East Swale	10y24h	0.00	-0.44	-0.06	0.03	-0.75	-0.37
East Swale	10y72h	0.42	-8.95	-0.90	0.22	-0.92	-0.46
East Swale	25y72h	5.34	-14.17	-1.64	0.47	-0.93	-0.47
East Swale	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
L-0890P	100y72h	1.68	-8.09	0.05	-6.59	-6.59	-6.59
L-0890P	10y24h	2.56	-1.74	2.56	2.38	3.53	2.96
L-0890P	10y72h	4.34	-4.32	4.34	3.54	3.54	3.54
L-0890P	25y72h	1.68	-6.60	-0.47	-5.38	-5.38	-5.38
L-0890P	3y24h	1.68	-0.07	0.03	2.38	3.53	2.96

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LANCASTER PK DS-P10 - Pipe	100y72h	11.55	0.00	-1.06	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	100y72h	0.61	0.00	0.01	5.53	5.53	5.53
LANCASTER PK DS-P10 - Weir: 2	100y72h	7.26	0.00	-1.21	3.46	3.46	3.46
LANCASTER PK DS-P10 - Weir: 3	100y72h	8.39	0.00	0.11	1.63	1.63	1.63
LANCASTER PK DS-P10 - Pipe	10y24h	1.95	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	10y24h	0.60	0.00	0.00	5.47	5.47	5.47
LANCASTER PK DS-P10 - Weir: 2	10y24h	1.34	0.00	-0.01	2.40	2.40	2.40
LANCASTER PK DS-P10 - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Pipe	10y72h	4.32	0.00	-0.01	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	10y72h	0.67	0.00	0.00	6.04	6.04	6.04
LANCASTER PK DS-P10 - Weir: 2	10y72h	3.74	0.00	-0.01	3.37	3.37	3.37
LANCASTER	10y72h	0.00	0.00	0.00	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
PK DS-P10 - Weir: 3							
LANCASTER PK DS-P10 - Pipe	25y72h	7.57	0.00	-0.01	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	25y72h	0.60	0.00	0.00	5.43	5.43	5.43
LANCASTER PK DS-P10 - Weir: 2	25y72h	7.06	0.00	-0.02	3.79	3.79	3.79
LANCASTER PK DS-P10 - Weir: 3	25y72h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Pipe	3y24h	0.40	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 1	3y24h	0.40	0.00	0.00	3.64	3.64	3.64
LANCASTER PK DS-P10 - Weir: 2	3y24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P10 - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LANCASTER PK DS-P11 - Pipe	100y72h	5.01	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	100y72h	0.82	0.00	0.00	6.05	6.05	6.05
LANCASTER PK DS-P11 - Weir: 2	100y72h	4.92	0.00	0.00	1.33	1.33	1.33
LANCASTER PK DS-P11 - Pipe	10y24h	0.67	0.00	0.00	0.00	0.00	0.00
LANCASTER	10y24h	0.67	0.00	0.00	4.95	4.95	4.95

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
PK DS-P11 - Weir: 1							
LANCASTER PK DS-P11 - Weir: 2	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Pipe	10y72h	0.98	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	10y72h	0.84	0.00	0.00	6.18	6.18	6.18
LANCASTER PK DS-P11 - Weir: 2	10y72h	0.21	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Pipe	25y72h	4.31	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	25y72h	0.83	0.00	0.00	6.06	6.06	6.06
LANCASTER PK DS-P11 - Weir: 2	25y72h	4.19	0.00	0.01	1.35	1.35	1.35
LANCASTER PK DS-P11 - Pipe	3y24h	0.42	0.00	0.00	0.00	0.00	0.00
LANCASTER PK DS-P11 - Weir: 1	3y24h	0.42	0.00	0.00	3.11	3.11	3.11
LANCASTER PK DS-P11 - Weir: 2	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEE RD	100y72h	545.92	-485.26	-545.92	2.43	2.43	2.43
LILLIAN LEE RD	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LILLIAN LEE RD	10y72h	59.77	0.00	-59.77	1.25	1.25	1.25
LILLIAN LEE	25y72h	269.00	-218.93	-269.00	2.01	2.01	2.01

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
RD							
LILLIAN LEE RD	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEE X-CULVERT-1	100y72h	22.73	-16.58	-2.38	4.63	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	10y24h	10.09	-16.58	-0.34	-3.38	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	10y72h	15.78	-16.58	-0.52	-3.38	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	25y72h	19.59	-16.58	-0.69	3.99	-5.99	-4.68
LILLIAN LEE X-CULVERT-1	3y24h	3.94	-16.58	0.29	-3.38	-5.99	-4.68

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LILLIAN LEEX-CULVERT-2	100y72h	5.48	-0.08	0.07	3.23	3.10	3.10
LILLIAN LEEX-CULVERT-2	10y24h	2.46	-1.20	-1.20	3.23	1.39	2.05
LILLIAN LEEX-CULVERT-2	10y72h	3.77	-2.09	-2.09	3.23	2.14	2.14
LILLIAN LEEX-CULVERT-2	25y72h	4.72	-0.08	0.07	3.23	2.67	2.67
LILLIAN LEEX-CULVERT-2	3y24h	1.61	-0.45	0.07	3.23	-1.09	2.05

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-1 - Pipe	100y72h	79.43	0.00	-0.13	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	100y72h	2.18	0.00	-0.01	6.19	6.19	6.19
LK SATILLA CS-1 - Weir: 2	100y72h	30.03	0.00	-0.25	5.01	5.01	5.01
LK SATILLA CS-1 - Weir: 3	100y72h	60.09	0.00	0.03	3.04	3.04	3.04
LK SATILLA CS-1 - Pipe	10y24h	18.82	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	10y24h	2.05	0.00	-0.01	5.81	5.81	5.81
LK SATILLA CS-1 - Weir: 2	10y24h	16.78	0.00	-0.20	3.06	3.06	3.06
LK SATILLA CS-1 - Weir: 3	10y24h	0.00	0.00	0.00	0.00	0.00	0.00
LK SATILLA CS-1 - Pipe	10y72h	41.45	0.00	-0.30	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	10y72h	2.31	0.00	-0.03	6.56	6.56	6.56
LK SATILLA CS-1 - Weir: 2	10y72h	26.60	0.00	-0.58	4.43	4.43	4.43
LK SATILLA CS-1 - Weir: 3	10y72h	12.64	0.00	0.01	1.89	1.89	1.89
LK SATILLA CS-1 - Pipe	25y72h	72.27	0.00	0.11	0.00	0.00	0.00
LK SATILLA CS-1 - Weir: 1	25y72h	2.33	0.00	0.00	6.62	6.62	6.62
LK SATILLA CS-1 - Weir: 2	25y72h	30.75	0.00	-0.03	5.12	5.12	5.12
LK SATILLA CS-1 - Weir: 3	25y72h	46.85	0.00	0.03	2.87	2.87	2.87
LK SATILLA CS-1 - Pipe	3y24h	1.66	0.00	0.11	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-1 - Weir: 1	3y24h	1.33	0.00	0.00	3.77	3.77	3.77
LK SATILLA CS-1 - Weir: 2	3y24h	0.34	0.00	0.00	0.83	0.83	0.83
LK SATILLA CS-1 - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-2 - Pipe	100y72h	60.60	0.00	-0.17	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	100y72h	1.42	0.00	0.06	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	100y72h	15.69	0.00	-0.14	3.90	3.90	3.90
LK SATILLA CS-2 - Weir: 3	100y72h	49.79	0.00	-0.21	2.52	2.52	2.52
LK SATILLA CS-2 - Pipe	10y24h	17.00	0.00	-0.07	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	10y24h	1.42	0.00	-0.04	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	10y24h	13.03	0.00	-0.14	3.24	3.24	3.24
LK SATILLA CS-2 - Weir: 3	10y24h	2.65	0.00	-0.01	1.12	1.12	1.12
LK SATILLA CS-2 - Pipe	10y72h	36.23	0.00	0.62	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	10y72h	1.42	0.00	-0.09	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	10y72h	15.67	0.00	0.75	3.90	3.90	3.90

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
LK SATILLA CS-2 - Weir: 3	10y72h	21.99	0.00	0.44	2.26	2.26	2.26
LK SATILLA CS-2 - Pipe	25y72h	52.68	0.00	1.75	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	25y72h	1.42	0.00	-0.09	5.33	5.33	5.33
LK SATILLA CS-2 - Weir: 2	25y72h	15.70	0.00	1.13	3.90	3.90	3.90
LK SATILLA CS-2 - Weir: 3	25y72h	43.28	0.00	2.29	2.28	2.28	2.28
LK SATILLA CS-2 - Pipe	3y24h	1.96	0.00	0.01	0.00	0.00	0.00
LK SATILLA CS-2 - Weir: 1	3y24h	1.38	0.00	0.02	5.17	5.17	5.17
LK SATILLA CS-2 - Weir: 2	3y24h	0.58	0.00	0.00	0.99	0.99	0.99
LK SATILLA CS-2 - Weir: 3	3y24h	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NORTH OFF SITE	100y72h	79.53	-59.75	-79.53	0.74	0.74	0.74
NORTH OFF SITE	10y24h	3.41	0.00	0.00	0.00	0.00	0.00
NORTH OFF SITE	10y72h	4.69	0.00	-0.85	0.10	0.10	0.10
NORTH OFF SITE	25y72h	6.30	-0.43	-4.98	0.39	0.39	0.39
NORTH OFF SITE	3y24h	0.75	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NTH DITCH-1	100y72h	116.90	-56.43	114.22	1.84	-4.52	-2.88
NTH DITCH-1	10y24h	22.44	-30.00	-27.10	-1.06	-3.98	-2.50
NTH DITCH-1	10y72h	50.80	-30.88	23.80	-1.13	-4.19	-2.65
NTH DITCH-1	25y72h	68.70	-30.89	22.70	-1.13	-4.19	-2.65
NTH DITCH-1	3y24h	19.36	-26.03	8.50	-1.06	-3.98	-2.50

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
NTH DITCH-2	100y72h	75.45	-22.57	0.63	0.88	-3.77	-2.27
NTH DITCH-2	10y24h	21.41	-14.38	0.29	-0.66	-3.36	-2.00
NTH DITCH-2	10y72h	46.80	-17.15	0.38	0.89	-3.53	-2.11
NTH DITCH-2	25y72h	67.65	-17.15	-0.59	1.02	-3.53	-2.11
NTH DITCH-2	3y24h	3.64	-14.37	-3.49	-0.66	-3.36	-2.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P-11	100y72h	63.14	-76.73	63.14	-5.43	-5.43	-5.43
P-11	10y24h	9.09	-8.40	-7.78	-1.10	-2.59	-1.83
P-11	10y72h	19.65	-19.96	19.65	-1.41	-2.59	-1.83
P-11	25y72h	40.89	-30.38	40.89	2.89	2.89	2.89
P-11	3y24h	4.14	-6.99	5.51	-1.10	-2.59	-1.83

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P1	100y72h	54.67	-15.58	43.44	4.35	4.35	4.35
P1	10y24h	14.58	-4.40	4.95	1.16	-2.31	-1.49
P1	10y72h	20.33	-1.48	15.41	1.62	-2.31	1.62
P1	25y72h	33.30	-14.76	33.29	2.65	2.65	2.65
P1	3y24h	5.23	-6.22	4.94	-0.68	-2.31	-1.49

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P10	100y72h	19.42	-1.85	4.97	3.84	3.84	3.84
P10	10y24h	11.27	-1.45	2.16	2.23	2.23	2.23
P10	10y72h	15.03	-0.34	2.15	2.97	2.97	2.97
P10	25y72h	17.71	-1.44	4.78	3.50	3.50	3.50
P10	3y24h	2.92	-0.65	-1.94	-0.80	-1.76	-1.25

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P12	100y72h	8.36	-30.96	3.84	-2.19	-2.19	-2.19
P12	10y24h	6.52	-5.50	-3.48	0.46	-1.91	-1.16
P12	10y72h	8.11	-19.57	-3.53	-1.38	-1.91	-1.38
P12	25y72h	8.24	-24.35	-3.42	-1.72	-1.91	-1.72
P12	3y24h	3.16	-5.52	3.30	-0.42	-1.91	-1.16

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P13	100y72h	26.39	-20.65	-18.20	3.73	3.73	3.73
P13	10y24h	7.85	-18.75	-18.75	-2.65	-2.65	-2.65
P13	10y72h	13.67	-24.33	-24.33	-3.44	-3.44	-3.44
P13	25y72h	25.49	-8.26	-8.25	3.61	3.61	3.61
P13	3y24h	7.96	-4.41	7.57	1.13	-2.97	-1.73

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P13A	100y72h	26.42	-1.73	2.95	8.78	5.38	5.38
P13A	10y24h	3.04	0.00	-0.22	3.48	0.62	1.81
P13A	10y72h	13.69	-1.03	-1.27	15.38	2.79	7.77
P13A	25y72h	25.51	-1.81	1.94	5.20	5.20	5.20
P13A	3y24h	0.68	0.00	-0.05	1.63	0.14	0.87

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P14	100y72h	26.44	0.00	-0.51	5.39	5.39	5.39
P14	10y24h	3.04	0.00	0.00	1.87	2.46	2.05
P14	10y72h	13.72	0.00	-0.06	3.40	3.57	3.49
P14	25y72h	25.54	0.00	-0.27	5.20	5.20	5.20
P14	3y24h	0.68	0.00	0.00	1.58	1.61	1.59

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P15	100y72h	23.82	0.00	0.37	7.58	7.58	7.58
P15	10y24h	12.45	0.00	0.08	3.96	3.96	3.96
P15	10y72h	15.07	0.00	-0.13	4.80	4.80	4.80
P15	25y72h	19.49	0.00	0.25	6.20	6.20	6.20
P15	3y24h	3.56	0.00	-0.10	1.13	1.13	1.13

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P16	100y72h	22.15	0.00	0.71	7.05	7.05	7.05
P16	10y24h	11.55	0.00	0.40	3.68	3.68	3.68
P16	10y72h	14.00	0.00	1.13	4.46	4.46	4.46
P16	25y72h	18.12	0.00	0.30	5.77	5.77	5.77
P16	3y24h	3.29	0.00	0.09	1.05	1.05	1.05

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P17	100y72h	5.23	0.00	0.12	4.26	4.26	4.26
P17	10y24h	2.74	0.00	0.10	2.23	2.23	2.23
P17	10y72h	3.30	0.00	0.16	2.69	2.69	2.69
P17	25y72h	4.28	0.00	0.23	3.48	3.48	3.48
P17	3y24h	0.78	0.00	0.04	1.03	1.34	1.17

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P18	100y72h	12.01	-0.01	0.19	3.82	3.82	3.82
P18	10y24h	6.14	-0.03	-0.08	1.95	1.95	1.95
P18	10y72h	7.55	-0.01	0.26	2.40	2.40	2.40
P18	25y72h	9.80	-0.01	0.26	3.12	3.12	3.12
P18	3y24h	1.70	-0.04	0.07	0.77	0.54	0.54

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P19	100y72h	7.18	-0.10	0.60	4.06	4.06	4.06
P19	10y24h	3.54	0.00	-0.12	2.00	2.00	2.00
P19	10y72h	4.45	0.00	0.14	2.52	2.52	2.52
P19	25y72h	5.83	-0.20	0.26	3.30	3.30	3.30
P19	3y24h	0.93	0.00	-0.11	0.79	0.95	0.53

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P2	100y72h	34.29	-2.79	8.94	2.73	2.73	2.73
P2	10y24h	7.04	-3.26	7.04	1.01	1.78	1.30
P2	10y72h	7.94	-0.41	-5.88	1.01	1.78	1.30
P2	25y72h	9.40	-3.09	6.75	1.01	1.78	1.30
P2	3y24h	3.14	-4.14	2.59	1.01	1.78	1.30

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P20	100y72h	7.27	0.00	0.65	5.92	5.92	5.92
P20	10y24h	3.95	0.00	-0.10	3.22	3.22	3.22
P20	10y72h	4.60	0.00	-0.03	3.75	3.75	3.75
P20	25y72h	5.94	0.00	0.22	4.84	4.84	4.84
P20	3y24h	1.20	0.00	-0.15	0.97	0.97	0.97

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P21	100y72h	4.58	-1.97	-1.97	3.73	3.73	3.73
P21	10y24h	2.37	-0.08	0.11	1.93	1.93	1.93
P21	10y72h	2.86	0.00	0.16	2.33	2.33	2.33
P21	25y72h	3.72	-0.62	1.49	3.03	3.03	3.03
P21	3y24h	0.67	-0.01	-0.15	0.54	0.54	0.54

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P22	100y72h	25.35	0.00	-0.37	5.16	5.16	5.16
P22	10y24h	13.78	0.00	-1.13	2.81	2.81	2.81
P22	10y72h	16.19	0.00	0.50	3.30	3.30	3.30
P22	25y72h	20.82	0.00	1.76	4.24	4.24	4.24
P22	3y24h	4.14	0.00	-0.15	0.84	0.84	0.84

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P23	100y72h	21.07	0.00	0.37	6.65	6.65	6.65
P23	10y24h	11.50	-0.01	0.71	3.63	3.63	3.63
P23	10y72h	13.49	0.00	-0.45	4.26	4.26	4.26
P23	25y72h	17.32	-0.12	-0.50	5.46	5.46	5.46
P23	3y24h	3.47	-0.01	0.10	1.10	1.10	1.10

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P24	100y72h	3.00	0.00	-0.06	2.45	2.45	2.45
P24	10y24h	1.65	0.00	-0.25	1.35	1.35	1.35
P24	10y72h	1.92	0.00	-0.09	1.57	1.57	1.57
P24	25y72h	2.47	0.00	-0.10	2.01	2.01	2.01
P24	3y24h	0.51	0.00	0.05	0.41	0.62	0.41

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P25	100y72h	11.96	-0.01	-0.17	3.77	3.77	3.77
P25	10y24h	6.55	-0.03	-0.67	2.07	2.07	2.07
P25	10y72h	7.68	-0.01	0.24	2.42	2.42	2.42
P25	25y72h	9.85	-0.01	0.31	3.11	3.11	3.11
P25	3y24h	1.98	-0.04	0.08	1.07	0.62	0.71

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P26	100y72h	7.02	0.00	-0.07	4.08	4.08	4.08
P26	10y24h	3.88	0.00	-0.47	2.25	2.25	2.25
P26	10y72h	4.53	0.00	0.16	2.63	2.63	2.63
P26	25y72h	5.80	0.00	0.32	3.36	3.36	3.36
P26	3y24h	1.19	0.00	-0.06	1.24	1.88	1.55

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P28	100y72h	1.13	-0.01	0.01	1.44	1.44	1.44
P28	10y24h	0.52	-0.05	-0.07	0.66	-0.67	0.66
P28	10y72h	0.67	-0.01	-0.01	0.86	0.86	0.86
P28	25y72h	0.90	-0.01	0.02	1.15	1.15	1.15
P28	3y24h	0.13	-0.13	0.01	-0.16	-0.91	-0.51

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P29	100y72h	1.08	-0.01	-0.02	1.38	1.38	1.38
P29	10y24h	0.51	-0.05	-0.07	0.65	0.65	0.65
P29	10y72h	0.65	-0.01	-0.04	0.83	0.83	0.83
P29	25y72h	0.87	-0.01	-0.04	1.10	1.10	1.10
P29	3y24h	0.13	-0.13	0.02	-0.16	-0.45	-0.26

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P2A	100y72h	34.68	-9.64	16.15	2.76	2.76	2.76
P2A	10y24h	7.47	-3.80	7.47	0.86	1.50	1.15
P2A	10y72h	9.45	-0.78	-7.76	0.86	1.50	1.15
P2A	25y72h	14.00	-8.37	14.00	1.11	1.50	1.15
P2A	3y24h	3.03	-4.85	3.47	0.86	1.51	1.15

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P3	100y72h	18.50	-3.36	4.08	1.92	1.92	1.92
P3	10y24h	4.86	-1.62	-3.88	0.98	1.87	1.41
P3	10y72h	5.05	-1.12	-4.20	0.98	1.87	1.41
P3	25y72h	6.32	-2.96	4.09	0.98	1.87	1.41
P3	3y24h	2.91	-3.01	2.91	0.98	1.87	1.41

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P30	100y72h	1.45	-0.02	0.03	1.84	1.84	1.84
P30	10y24h	0.67	-0.08	0.02	0.86	-0.98	0.86
P30	10y72h	0.86	-0.02	0.01	1.10	1.10	1.10
P30	25y72h	1.15	-0.02	0.01	1.47	1.47	1.47
P30	3y24h	0.17	-0.27	0.01	1.12	1.48	1.27

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P31	100y72h	1.40	-0.02	0.05	1.78	1.78	1.78
P31	10y24h	0.67	-0.09	0.01	0.85	-1.06	0.85
P31	10y72h	0.85	-0.02	0.08	1.08	1.08	1.08
P31	25y72h	1.12	-0.02	0.03	1.43	1.43	1.43
P31	3y24h	0.17	-0.30	0.01	1.07	1.37	1.20

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P32	100y72h	2.34	-0.01	0.06	1.90	1.90	1.90
P32	10y24h	1.23	-0.01	-0.23	1.00	1.00	1.00
P32	10y72h	1.47	0.00	0.41	1.20	1.20	1.20
P32	25y72h	1.90	-0.01	-0.10	1.55	1.55	1.55
P32	3y24h	0.36	-0.05	0.03	0.29	0.29	0.29

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P4	100y72h	18.71	-1.60	6.22	1.94	1.94	1.94
P4	10y24h	4.38	-0.59	3.16	1.15	1.08	1.11
P4	10y72h	6.31	-3.33	6.27	1.15	1.08	1.11
P4	25y72h	6.37	-4.36	6.25	1.15	1.08	1.11
P4	3y24h	4.37	-1.24	4.37	1.15	1.08	1.11

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P5	100y72h	25.41	-10.65	24.82	2.64	2.64	2.64
P5	10y24h	6.04	-0.02	5.65	0.63	0.63	0.63
P5	10y72h	9.46	-9.81	-9.81	-1.04	-1.05	-1.05
P5	25y72h	7.47	-10.65	-10.65	-1.13	-1.15	-1.14
P5	3y24h	9.52	-0.03	-9.52	0.99	0.99	0.99

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P7	100y72h	3.83	0.00	0.05	3.03	3.03	3.03
P7	10y24h	2.03	0.00	0.12	1.61	1.61	1.61
P7	10y72h	2.43	0.00	0.07	1.92	1.92	1.92
P7	25y72h	3.14	-0.06	0.09	2.48	2.48	2.48
P7	3y24h	0.59	0.00	0.04	0.95	1.46	1.15

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P8	100y72h	19.46	-0.07	0.57	3.97	3.97	3.97
P8	10y24h	11.15	-0.29	-0.43	2.27	2.27	2.27
P8	10y72h	14.98	-0.06	0.49	3.05	3.05	3.05
P8	25y72h	17.69	-0.06	0.57	3.60	3.60	3.60
P8	3y24h	2.37	-0.23	-0.56	0.48	0.48	0.48

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P8A	100y72h	1.95	-0.36	0.16	1.10	1.10	1.10
P8A	10y24h	1.20	-0.43	-0.32	1.15	1.53	1.29
P8A	10y72h	1.26	-0.04	0.41	0.71	0.71	0.71
P8A	25y72h	1.58	-0.31	-0.09	0.90	0.90	0.90
P8A	3y24h	0.47	-0.01	-0.10	1.53	2.38	1.95

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
POND A1 OVERFLOW	100y72h	69.01	0.00	-0.09	0.80	0.80	0.80
POND A1 OVERFLOW	10y24h	37.31	0.00	0.06	0.65	0.65	0.65
POND A1 OVERFLOW	10y72h	45.72	0.00	0.01	0.70	0.70	0.70
POND A1 OVERFLOW	25y72h	59.13	0.00	-0.04	0.76	0.76	0.76
POND A1 OVERFLOW	3y24h	1.56	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [post development]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
POND A2 OVERFLOW	100y72h	99.79	0.00	-0.15	0.78	0.78	0.78
POND A2 OVERFLOW	10y24h	42.38	0.00	0.06	0.00	0.00	0.00

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
POND A2 OVERFLOW	10y72h	65.53	0.00	0.02	0.68	0.68	0.68
POND A2 OVERFLOW	25y72h	85.40	0.00	-0.07	0.74	0.74	0.74
POND A2 OVERFLOW	3y24h	1.52	0.00	0.00	0.00	0.00	0.00

Node | Multi-Scenario | Max Conditions Report | (sim, name, scenario)

Sim Name	Node Name	Scene Name	Warning Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
25y72h	CR15 OUTFALL	post development	66.48	65.77	0.0000	68.67	33.15	0
25y72h	CR15 OUTFALL	pre development	66.48	65.77	0.0000	68.67	33.15	0
3y24h	CR15 OUTFALL	post development	66.48	65.23	0.0000	3.69	28.14	0
3yr24h	CR15 OUTFALL	pre development	66.48	65.23	0.0000	2.70	28.14	0

Node Name	Relative Time [hrs]	Stage [ft]
POND A1 (DRY)	0.0000	75.00
POND A1 (DRY)	0.5004	74.88
POND A1 (DRY)	1.0015	74.75
POND A1 (DRY)	1.5016	74.63
POND A1 (DRY)	2.0039	74.51
POND A1 (DRY)	2.5012	74.39
POND A1 (DRY)	3.0001	74.32
POND A1 (DRY)	3.5043	74.31
POND A1 (DRY)	4.0042	74.30
POND A1 (DRY)	4.5026	74.29
POND A1 (DRY)	5.0014	74.28
POND A1 (DRY)	5.5031	74.28
POND A1 (DRY)	6.0021	74.27
POND A1 (DRY)	6.5020	74.27
POND A1 (DRY)	7.0017	74.27
POND A1 (DRY)	7.5053	74.26
POND A1 (DRY)	8.0028	74.26
POND A1 (DRY)	8.5040	74.25
POND A1 (DRY)	9.0011	74.25
POND A1 (DRY)	9.5014	74.25
POND A1 (DRY)	10.0002	74.24
POND A1 (DRY)	10.5023	74.24
POND A1 (DRY)	11.0045	74.24
POND A1 (DRY)	11.5018	74.24
POND A1 (DRY)	12.0032	74.23
POND A1 (DRY)	12.5002	74.23
POND A1 (DRY)	13.0024	74.23
POND A1 (DRY)	13.5060	74.22
POND A1 (DRY)	14.0055	74.22
POND A1 (DRY)	14.5069	74.22
POND A1 (DRY)	15.0009	74.22
POND A1 (DRY)	15.5051	74.21
POND A1 (DRY)	16.0005	74.21
POND A1 (DRY)	16.5027	74.21
POND A1 (DRY)	17.0048	74.21
POND A1 (DRY)	17.5029	74.20
POND A1 (DRY)	18.0029	74.20
POND A1 (DRY)	18.5027	74.20
POND A1 (DRY)	19.0010	74.20
POND A1 (DRY)	19.5023	74.19
POND A1 (DRY)	20.0023	74.19
POND A1 (DRY)	20.5021	74.19

Node Name	Relative Time [hrs]	Stage [ft]
POND A1 (DRY)	21.0029	74.19
POND A1 (DRY)	21.5023	74.18
POND A1 (DRY)	22.0018	74.18
POND A1 (DRY)	22.5048	74.18
POND A1 (DRY)	23.0009	74.18
POND A1 (DRY)	23.5042	74.17
POND A1 (DRY)	24.0035	74.17
POND A1 (DRY)	24.5000	74.17
POND A1 (DRY)	25.0035	74.17
POND A1 (DRY)	25.5037	74.16
POND A1 (DRY)	26.0041	74.16
POND A1 (DRY)	26.5019	74.16
POND A1 (DRY)	27.0035	74.16
POND A1 (DRY)	27.5035	74.15
POND A1 (DRY)	28.0081	74.15
POND A1 (DRY)	28.5070	74.15
POND A1 (DRY)	29.0015	74.15
POND A1 (DRY)	29.5026	74.14
POND A1 (DRY)	30.0040	74.14
POND A1 (DRY)	30.5029	74.14
POND A1 (DRY)	31.0045	74.14
POND A1 (DRY)	31.5022	74.13
POND A1 (DRY)	32.0046	74.13
POND A1 (DRY)	32.5002	74.13
POND A1 (DRY)	33.0031	74.13
POND A1 (DRY)	33.5018	74.13
POND A1 (DRY)	34.0007	74.12
POND A1 (DRY)	34.5007	74.12
POND A1 (DRY)	35.0007	74.12
POND A1 (DRY)	35.5021	74.12
POND A1 (DRY)	36.0021	74.11
POND A1 (DRY)	36.5007	74.11
POND A1 (DRY)	37.0057	74.11
POND A1 (DRY)	37.5044	74.11
POND A1 (DRY)	38.0020	74.10
POND A1 (DRY)	38.5039	74.10
POND A1 (DRY)	39.0002	74.10
POND A1 (DRY)	39.5008	74.10
POND A1 (DRY)	40.0011	74.09
POND A1 (DRY)	40.5042	74.09
POND A1 (DRY)	41.0043	74.09
POND A1 (DRY)	41.5002	74.09

Node Name	Relative Time [hrs]	Stage [ft]
POND A1 (DRY)	42.0009	74.08
POND A1 (DRY)	42.5019	74.08
POND A1 (DRY)	43.0024	74.08
POND A1 (DRY)	43.5005	74.08
POND A1 (DRY)	44.0017	74.08
POND A1 (DRY)	44.5014	74.07
POND A1 (DRY)	45.0059	74.07
POND A1 (DRY)	45.5037	74.07
POND A1 (DRY)	46.0018	74.07
POND A1 (DRY)	46.5009	74.06
POND A1 (DRY)	47.0032	74.06
POND A1 (DRY)	47.5045	74.06
POND A1 (DRY)	48.0062	74.06
POND A1 (DRY)	48.5064	74.05
POND A1 (DRY)	49.0053	74.05
POND A1 (DRY)	49.5049	74.05
POND A1 (DRY)	50.0005	74.05
POND A1 (DRY)	50.5010	74.05
POND A1 (DRY)	51.0007	74.04
POND A1 (DRY)	51.5022	74.04
POND A1 (DRY)	52.0037	74.04
POND A1 (DRY)	52.5001	74.04
POND A1 (DRY)	53.0031	74.03
POND A1 (DRY)	53.5060	74.03
POND A1 (DRY)	54.0047	74.03
POND A1 (DRY)	54.5026	74.03
POND A1 (DRY)	55.0002	74.02
POND A1 (DRY)	55.5014	74.02
POND A1 (DRY)	56.0001	74.02
POND A1 (DRY)	56.5017	74.02
POND A1 (DRY)	57.0012	74.02
POND A1 (DRY)	57.5012	74.01
POND A1 (DRY)	58.0015	74.01
POND A1 (DRY)	58.5002	74.01
POND A1 (DRY)	59.0007	74.01
POND A1 (DRY)	59.5006	74.00
POND A1 (DRY)	60.0016	74.00
POND A1 (DRY)	60.5037	74.00
POND A1 (DRY)	61.0040	74.00
POND A1 (DRY)	61.5042	74.00
POND A1 (DRY)	62.0010	73.99
POND A1 (DRY)	62.5032	73.99

Node Name	Relative Time [hrs]	Stage [ft]
POND A1 (DRY)	63.0076	73.99
POND A1 (DRY)	63.5117	73.99
POND A1 (DRY)	64.0033	73.98
POND A1 (DRY)	64.5035	73.98
POND A1 (DRY)	65.0071	73.98
POND A1 (DRY)	65.5011	73.98
POND A1 (DRY)	66.0014	73.98
POND A1 (DRY)	66.5004	73.97
POND A1 (DRY)	67.0065	73.97
POND A1 (DRY)	67.5063	73.97
POND A1 (DRY)	68.0045	73.97
POND A1 (DRY)	68.5021	73.96
POND A1 (DRY)	69.0068	73.96
POND A1 (DRY)	69.5053	73.96
POND A1 (DRY)	70.0049	73.96
POND A1 (DRY)	70.5046	73.96
POND A1 (DRY)	71.0044	73.95
POND A1 (DRY)	71.5046	73.95
POND A1 (DRY)	72.0032	73.95

Node Name	Relative Time [hrs]	Stage [ft]
POND A2 (DRY)	0.0000	75.00
POND A2 (DRY)	0.5004	74.88
POND A2 (DRY)	1.0015	74.75
POND A2 (DRY)	1.5016	74.63
POND A2 (DRY)	2.0039	74.51
POND A2 (DRY)	2.5012	74.39
POND A2 (DRY)	3.0001	74.31
POND A2 (DRY)	3.5043	74.30
POND A2 (DRY)	4.0042	74.29
POND A2 (DRY)	4.5026	74.28
POND A2 (DRY)	5.0014	74.28
POND A2 (DRY)	5.5031	74.27
POND A2 (DRY)	6.0021	74.27
POND A2 (DRY)	6.5020	74.26
POND A2 (DRY)	7.0017	74.26
POND A2 (DRY)	7.5053	74.26
POND A2 (DRY)	8.0028	74.25
POND A2 (DRY)	8.5040	74.25
POND A2 (DRY)	9.0011	74.25
POND A2 (DRY)	9.5014	74.24
POND A2 (DRY)	10.0002	74.24
POND A2 (DRY)	10.5023	74.24
POND A2 (DRY)	11.0045	74.24
POND A2 (DRY)	11.5018	74.23
POND A2 (DRY)	12.0032	74.23
POND A2 (DRY)	12.5002	74.23
POND A2 (DRY)	13.0024	74.23
POND A2 (DRY)	13.5060	74.22
POND A2 (DRY)	14.0055	74.22
POND A2 (DRY)	14.5069	74.22
POND A2 (DRY)	15.0009	74.22
POND A2 (DRY)	15.5051	74.21
POND A2 (DRY)	16.0005	74.21
POND A2 (DRY)	16.5027	74.21
POND A2 (DRY)	17.0048	74.21
POND A2 (DRY)	17.5029	74.21
POND A2 (DRY)	18.0029	74.20
POND A2 (DRY)	18.5027	74.20
POND A2 (DRY)	19.0010	74.20
POND A2 (DRY)	19.5023	74.20
POND A2 (DRY)	20.0023	74.19
POND A2 (DRY)	20.5021	74.19

Node Name	Relative Time [hrs]	Stage [ft]
POND A2 (DRY)	21.0029	74.19
POND A2 (DRY)	21.5023	74.19
POND A2 (DRY)	22.0018	74.19
POND A2 (DRY)	22.5048	74.18
POND A2 (DRY)	23.0009	74.18
POND A2 (DRY)	23.5042	74.18
POND A2 (DRY)	24.0035	74.18
POND A2 (DRY)	24.5000	74.17
POND A2 (DRY)	25.0035	74.17
POND A2 (DRY)	25.5037	74.17
POND A2 (DRY)	26.0041	74.17
POND A2 (DRY)	26.5019	74.17
POND A2 (DRY)	27.0035	74.16
POND A2 (DRY)	27.5035	74.16
POND A2 (DRY)	28.0081	74.16
POND A2 (DRY)	28.5070	74.16
POND A2 (DRY)	29.0015	74.16
POND A2 (DRY)	29.5026	74.15
POND A2 (DRY)	30.0040	74.15
POND A2 (DRY)	30.5029	74.15
POND A2 (DRY)	31.0045	74.15
POND A2 (DRY)	31.5022	74.15
POND A2 (DRY)	32.0046	74.14
POND A2 (DRY)	32.5002	74.14
POND A2 (DRY)	33.0031	74.14
POND A2 (DRY)	33.5018	74.14
POND A2 (DRY)	34.0007	74.13
POND A2 (DRY)	34.5007	74.13
POND A2 (DRY)	35.0007	74.13
POND A2 (DRY)	35.5021	74.13
POND A2 (DRY)	36.0021	74.13
POND A2 (DRY)	36.5007	74.12
POND A2 (DRY)	37.0057	74.12
POND A2 (DRY)	37.5044	74.12
POND A2 (DRY)	38.0020	74.12
POND A2 (DRY)	38.5039	74.12
POND A2 (DRY)	39.0002	74.11
POND A2 (DRY)	39.5008	74.11
POND A2 (DRY)	40.0011	74.11
POND A2 (DRY)	40.5042	74.11
POND A2 (DRY)	41.0043	74.11
POND A2 (DRY)	41.5002	74.10

Node Name	Relative Time [hrs]	Stage [ft]
POND A2 (DRY)	42.0009	74.10
POND A2 (DRY)	42.5019	74.10
POND A2 (DRY)	43.0024	74.10
POND A2 (DRY)	43.5005	74.09
POND A2 (DRY)	44.0017	74.09
POND A2 (DRY)	44.5014	74.09
POND A2 (DRY)	45.0059	74.09
POND A2 (DRY)	45.5037	74.09
POND A2 (DRY)	46.0018	74.08
POND A2 (DRY)	46.5009	74.08
POND A2 (DRY)	47.0032	74.08
POND A2 (DRY)	47.5045	74.08
POND A2 (DRY)	48.0062	74.08
POND A2 (DRY)	48.5064	74.07
POND A2 (DRY)	49.0053	74.07
POND A2 (DRY)	49.5049	74.07
POND A2 (DRY)	50.0005	74.07
POND A2 (DRY)	50.5010	74.07
POND A2 (DRY)	51.0007	74.06
POND A2 (DRY)	51.5022	74.06
POND A2 (DRY)	52.0037	74.06
POND A2 (DRY)	52.5001	74.06
POND A2 (DRY)	53.0031	74.06
POND A2 (DRY)	53.5060	74.05
POND A2 (DRY)	54.0047	74.05
POND A2 (DRY)	54.5026	74.05
POND A2 (DRY)	55.0002	74.05
POND A2 (DRY)	55.5014	74.05
POND A2 (DRY)	56.0001	74.04
POND A2 (DRY)	56.5017	74.04
POND A2 (DRY)	57.0012	74.04
POND A2 (DRY)	57.5012	74.04
POND A2 (DRY)	58.0015	74.04
POND A2 (DRY)	58.5002	74.03
POND A2 (DRY)	59.0007	74.03
POND A2 (DRY)	59.5006	74.03
POND A2 (DRY)	60.0016	74.03
POND A2 (DRY)	60.5037	74.03
POND A2 (DRY)	61.0040	74.02
POND A2 (DRY)	61.5042	74.02
POND A2 (DRY)	62.0010	74.02
POND A2 (DRY)	62.5032	74.02

Node Name	Relative Time [hrs]	Stage [ft]
POND A2 (DRY)	63.0076	74.02
POND A2 (DRY)	63.5117	74.01
POND A2 (DRY)	64.0033	74.01
POND A2 (DRY)	64.5035	74.01
POND A2 (DRY)	65.0071	74.01
POND A2 (DRY)	65.5011	74.01
POND A2 (DRY)	66.0014	74.00
POND A2 (DRY)	66.5004	74.00
POND A2 (DRY)	67.0065	74.00
POND A2 (DRY)	67.5063	74.00
POND A2 (DRY)	68.0045	74.00
POND A2 (DRY)	68.5021	74.00
POND A2 (DRY)	69.0068	74.00
POND A2 (DRY)	69.5053	74.00
POND A2 (DRY)	70.0049	74.00
POND A2 (DRY)	70.5046	74.00
POND A2 (DRY)	71.0044	74.00
POND A2 (DRY)	71.5046	74.00
POND A2 (DRY)	72.0032	74.00

Puffin Road Commercial

Osceola County, Florida

Section 6

Offsite Ditches Drainage Calculations

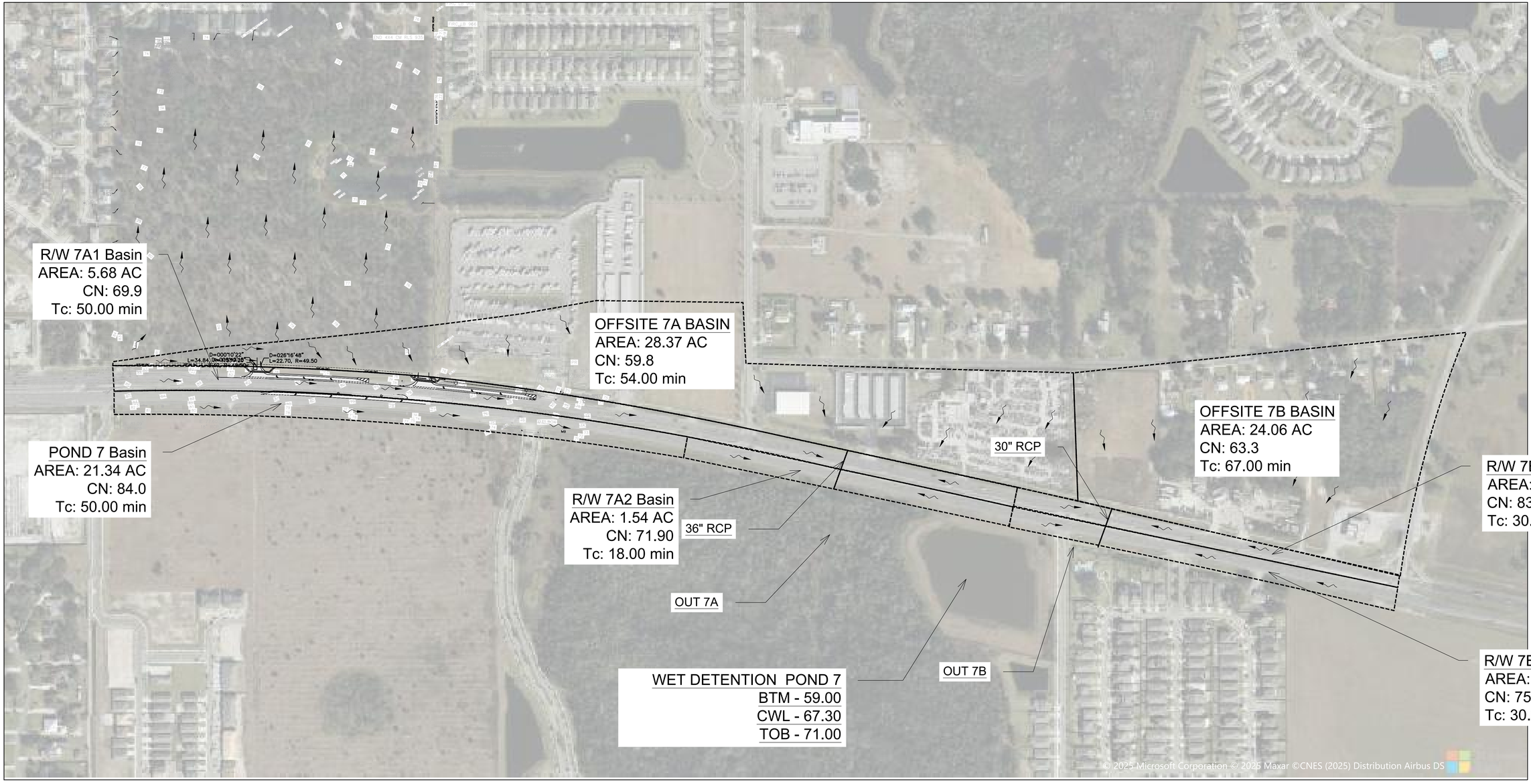
Prepared by:
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(407) 847-9433

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

NOTE
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988



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Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

OFFSITE PRE-DEVELOPMENT BASIN MAP

SHEET Nº 01 of 01
JOB Nº 5450-05

I:\5450-05\ENGINEERING\SFWMD\OFFSITE DITCH\5450-05 Offsite Pre Development Basin Map.dwg • Oct 07, 2025–2:16pm • plotted by MWeil

Simple Basin: OFFSITE 7A

Scenario:	PRE
Node:	CD-36UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	54.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	28.3700 ac
Curve Number:	59.8
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: OFFSITE 7B

Scenario:	PRE
Node:	CD-30UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	67.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	24.0600 ac
Curve Number:	63.3
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: POND 7

Scenario:	PRE
Node:	POND 7
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number

Time of Concentration:	50.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	21.3400 ac
Curve Number:	84.1
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A1

Scenario:	PRE
Node:	CD-36UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	50.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	5.6800 ac
Curve Number:	69.9
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A2

Scenario:	PRE
Node:	OUT7A
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0

Area:	1.5400 ac
Curve Number:	71.9
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 B1

Scenario:	PRE
Node:	CD-30UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	30.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.1900 ac
Curve Number:	83.7
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 B2

Scenario:	PRE
Node:	POND 7
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	30.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.8500 ac
Curve Number:	75.4
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00

% Direct: 0.00
Rainfall Name:

Comment:

Node: CD-30UP

Scenario: PRE
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 66.85 ft
Warning Stage: 71.50 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
66.85	0.0100	436
69.00	0.0500	2178

Comment:

Node: CD-36UP

Scenario: PRE
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 65.30 ft
Warning Stage: 71.30 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
65.30	0.0100	436
68.00	0.0500	2178

Comment:

Node: OUT7A

Scenario: PRE
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 66.30 ft
Warning Stage: 70.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.90
0	0	0	360.0000	66.90

Comment:

Node: OUT7B

Scenario: PRE
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 66.90 ft
Warning Stage: 70.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.90
0	0	0	360.0000	66.90

Comment:

Node: POND 7

Scenario: PRE
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.25 ft
Warning Stage: 69.75 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
67.25	3.8600	168142
71.00	4.3500	189486
71.50	4.9500	215622

Comment:

Pipe Link: CD-30

Scenario: PRE
From Node: CD-30UP
To Node: OUT7B
Link Count: 1
Flow Direction: Both

Upstream		Downstream	
Invert:	66.85 ft	Invert:	66.30 ft
Manning's N:	0.0120	Manning's N:	0.0120
Geometry: Circular		Geometry: Circular	
Max Depth:	2.50 ft	Max Depth:	2.50 ft
Bottom Clip			

Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	166.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: CD-36		Upstream		Downstream	
Scenario:	PRE	Invert:	65.30 ft	Invert:	65.10 ft
From Node:	CD-36UP	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	OUT7A	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	168.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Drop Structure Link: D-PD7-1		Upstream Pipe		Downstream Pipe	
Scenario:	PRE	Invert:	66.30 ft	Invert:	65.10 ft
From Node:	POND 7	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	OUT7A	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Pipe Flow Direction:	Both	Bottom Clip			
Solution:	Combine	Default:	0.00 ft	Default:	0.00 ft
Increments:	10	Op Table:		Op Table:	
Pipe Count:	1	Ref Node:		Ref Node:	
Damping:	0.0000 ft	Manning's N:	0.0000	Manning's N:	0.0000
Length:	570.00 ft	Top Clip			
FHWA Code:	0	Default:	0.00 ft	Default:	0.00 ft
Entr Loss Coef:	0.00	Op Table:		Op Table:	
Exit Loss Coef:	1.00	Ref Node:		Ref Node:	
Bend Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component	
Weir:	1
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Rectangular
Invert:	68.28 ft
Control Elevation:	68.28 ft
Max Depth:	3.75 ft
Max Width:	1.20 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component	
Weir:	2
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Sharp Crested Vertical
Geometry Type:	Trapezoidal
Invert:	67.25 ft
Control Elevation:	67.25 ft
Max Depth:	1.03 ft
Extrapolation Method:	Normal Projection
Bottom Width:	0.00 ft
Left Slope:	0.730 (h:v)
Right Slope:	0.730 (h:v)

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component	
Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	69.50 ft
Control Elevation:	69.50 ft
Max Depth:	4.08 ft
Max Width:	3.08 ft
Fillet:	0.00 ft

Bottom Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip	
Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients	
Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Simulation: 100YR72HR

Scenario: PRE
Run Date/Time: 10/6/2025 9:20:15 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec	Ia/S:	0.20 dec
dZ Tolerance:	0.0010 ft		
Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~SFWMD-72
		Rainfall Amount:	12.00 in
		Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 10YR24HR

Scenario: PRE
Run Date/Time: 10/6/2025 9:21:50 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	80.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec	Ia/S:	0.20 dec
dZ Tolerance:	0.0010 ft		
Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~FLMOD
		Rainfall Amount:	6.00 in
		Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 10YR72HR

Scenario: PRE
Run Date/Time: 10/6/2025 9:22:34 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

Hydrology [sec]	Surface Hydraulics

		[sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec
Smp/Man Basin Rain Opt: Global

Rainfall Name: ~SFWMD-72
Rainfall Amount: 8.00 in
Storm Duration: 72.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 25YR72HR

Scenario: PRE
Run Date/Time: 10/6/2025 9:23:58 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec

Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~SFWMD-72
		Rainfall Amount:	10.80 in
		Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 3YR24HR

Scenario: PRE
Run Date/Time: 10/6/2025 9:25:20 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	80.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:		Boundary Stage Set:	
		Extern Hydrograph Set:	
Unit Hydrograph Folder:		Curve Number Set:	
		Green-Ampt Set:	
		Vertical Layers Set:	
		Impervious Set:	

Tolerances & Options			
Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec	Ia/S:	0.20 dec
dZ Tolerance:	0.0010 ft		
Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~FLMOD
		Rainfall Amount:	3.50 in
		Storm Duration:	24.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
OFFSITE 7A	100YR72HR	46.91	60.4667	12.00	6.53	28.3700
OFFSITE 7A	10YR24HR	14.26	12.7000	6.00	1.90	28.3700
OFFSITE 7A	10YR72HR	24.74	60.4833	8.00	3.31	28.3700
OFFSITE 7A	25YR72HR	40.12	60.4667	10.80	5.52	28.3700
OFFSITE 7A	3YR24HR	2.95	12.8667	3.50	0.52	28.3700

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
OFFSITE 7B	100YR72HR	36.67	60.6333	12.00	7.06	24.0600
OFFSITE 7B	10YR24HR	12.48	12.8500	6.00	2.20	24.0600
OFFSITE 7B	10YR72HR	20.04	60.6500	8.00	3.70	24.0600
OFFSITE 7B	25YR72HR	31.61	60.6333	10.80	6.02	24.0600
OFFSITE 7B	3YR24HR	3.11	12.9833	3.50	0.67	24.0600

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
POND 7	100YR72HR	49.51	60.4167	12.00	9.99	21.3400
POND 7	10YR24HR	27.75	12.5500	6.00	4.21	21.3400
POND 7	10YR72HR	31.52	60.4167	8.00	6.10	21.3400
POND 7	25YR72HR	44.14	60.4167	10.80	8.82	21.3400
POND 7	3YR24HR	12.73	12.5833	3.50	1.94	21.3400

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A1	100YR72HR	11.56	60.4167	12.00	8.03	5.6800
R/W7 A1	10YR24HR	4.77	12.6000	6.00	2.79	5.6800
R/W7 A1	10YR72HR	6.70	60.4333	8.00	4.45	5.6800
R/W7 A1	25YR72HR	10.10	60.4167	10.80	6.93	5.6800
R/W7 A1	3YR24HR	1.54	12.6667	3.50	1.00	5.6800

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A2	100YR72HR	5.71	60.0833	12.00	8.32	1.5400

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A2	10YR24HR	2.47	12.1500	6.00	2.98	1.5400
R/W7 A2	10YR72HR	3.38	60.0833	8.00	4.68	1.5400
R/W7 A2	25YR72HR	5.01	60.0833	10.80	7.20	1.5400
R/W7 A2	3YR24HR	0.85	12.1667	3.50	1.11	1.5400

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 B1	100YR72HR	6.90	60.2000	12.00	9.94	2.1900
R/W7 B1	10YR24HR	3.80	12.3000	6.00	4.16	2.1900
R/W7 B1	10YR72HR	4.39	60.2000	8.00	6.06	2.1900
R/W7 B1	25YR72HR	6.15	60.2000	10.80	8.77	2.1900
R/W7 B1	3YR24HR	1.74	12.3167	3.50	1.91	2.1900

Simple Basin Runoff Summary [PRE]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 B2	100YR72HR	5.46	60.2000	12.00	8.81	1.8500
R/W7 B2	10YR24HR	2.55	12.3167	6.00	3.32	1.8500
R/W7 B2	10YR72HR	3.31	60.2000	8.00	5.09	1.8500
R/W7 B2	25YR72HR	4.82	60.2000	10.80	7.68	1.8500
R/W7 B2	3YR24HR	0.97	12.3667	3.50	1.33	1.8500

Node Max Conditions [PRE]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-30UP	100YR72HR	71.50	0.00	71.36	0.0010	41.65	41.45	2541
CD-30UP	10YR24HR	71.50	0.00	68.76	0.0010	15.13	15.09	2374
CD-30UP	10YR72HR	71.50	0.00	69.59	0.0010	23.19	23.06	2541
CD-30UP	25YR72HR	71.50	0.00	70.78	0.0010	36.05	35.94	2541
CD-30UP	3YR24HR	71.50	0.00	67.69	0.0010	4.26	4.25	1494

Node Max Conditions [PRE]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-36UP	100YR72HR	71.30	0.00	70.32	-0.0010	58.42	58.15	2595
CD-36UP	10YR24HR	71.30	0.00	67.47	0.0010	18.98	18.93	2312
CD-36UP	10YR72HR	71.30	0.00	68.56	-0.0010	31.41	31.12	2595
CD-36UP	25YR72HR	71.30	0.00	69.78	0.0010	50.17	49.92	2595
CD-36UP	3YR24HR	71.30	0.00	66.93	0.0010	9.15	4.45	1985

Node Max Conditions [PRE]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
OUT7A	100YR72HR	70.00	0.00	66.90	0.0000	68.39	9.15	0
OUT7A	10YR24HR	70.00	0.00	66.90	0.0000	20.88	9.15	0
OUT7A	10YR72HR	70.00	0.00	66.90	0.0000	36.21	9.15	0
OUT7A	25YR72HR	70.00	0.00	66.90	0.0000	58.59	9.15	0
OUT7A	3YR24HR	70.00	0.00	66.90	0.0000	4.99	9.15	0

Node Max Conditions [PRE]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
OUT7B	100YR72HR	70.00	0.00	66.90	0.0000	41.45	0.01	0
OUT7B	10YR24HR	70.00	0.00	66.90	0.0000	15.09	0.01	0
OUT7B	10YR72HR	70.00	0.00	66.90	0.0000	23.06	0.01	0
OUT7B	25YR72HR	70.00	0.00	66.90	0.0000	35.94	0.01	0
OUT7B	3YR24HR	70.00	0.00	66.90	0.0000	4.25	0.01	0

Node Max Conditions [PRE]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND 7	100YR72HR	69.75	0.00	69.81	0.0009	54.25	19.02	182696
POND 7	10YR24HR	69.75	0.00	68.63	0.0010	30.06	3.89	175985
POND 7	10YR72HR	69.75	0.00	69.13	0.0010	34.39	7.11	178863
POND 7	25YR72HR	69.75	0.00	69.67	0.0009	48.32	14.33	181910
POND 7	3YR24HR	69.75	0.00	68.00	0.0010	13.62	0.90	172390

Link Min/Max Conditions [PRE]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CD-30	100YR72HR	41.45	-0.01	0.11	8.44	9.20	8.81
CD-30	10YR24HR	15.09	-0.01	-0.05	3.75	5.77	4.76
CD-30	10YR72HR	23.06	-0.01	0.09	4.70	6.81	5.74
CD-30	25YR72HR	35.94	-0.01	-0.16	7.32	8.44	7.87
CD-30	3YR24HR	4.25	-0.01	0.01	3.27	3.94	3.45

Link Min/Max Conditions [PRE]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CD-36	100YR72HR	58.15	-9.15	-1.14	8.23	9.35	8.79
CD-36	10YR24HR	18.93	-9.15	-0.88	3.45	-4.59	3.86
CD-36	10YR72HR	31.12	-9.15	-1.20	4.40	7.00	5.70
CD-36	25YR72HR	49.92	-9.15	-1.17	7.06	8.62	7.84
CD-36	3YR24HR	4.45	-9.15	-1.10	-2.07	-4.59	-3.23

Link Min/Max Conditions [PRE]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
D-PD7-1 - Pipe	100YR72HR	19.02	0.00	-0.02	0.00	0.00	0.00
D-PD7-1 - Weir: 1	100YR72HR	7.02	0.00	0.00	3.88	3.88	3.88
D-PD7-1 - Weir: 2	100YR72HR	4.89	0.00	0.00	6.32	6.32	6.32
D-PD7-1 - Weir: 3	100YR72HR	7.80	0.00	-0.01	1.77	1.77	1.77
D-PD7-1 - Pipe	10YR24HR	3.89	0.00	0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	10YR24HR	0.79	0.00	0.00	1.89	1.89	1.89
D-PD7-1 - Weir: 2	10YR24HR	3.10	0.00	0.00	4.00	4.00	4.00
D-PD7-1 - Weir: 3	10YR24HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Pipe	10YR72HR	7.11	0.00	0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	10YR72HR	3.03	0.00	0.00	2.96	2.96	2.96
D-PD7-1 -	10YR72HR	4.08	0.00	0.00	5.26	5.26	5.26

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Weir: 2							
D-PD7-1 - Weir: 3	10YR72HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Pipe	25YR72HR	14.33	0.00	-0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	25YR72HR	6.29	0.00	-0.01	3.77	3.77	3.77
D-PD7-1 - Weir: 2	25YR72HR	4.89	0.00	0.00	6.32	6.32	6.32
D-PD7-1 - Weir: 3	25YR72HR	3.18	0.00	0.01	1.31	1.31	1.31
D-PD7-1 - Pipe	3YR24HR	0.90	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Weir: 1	3YR24HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Weir: 2	3YR24HR	0.90	0.00	0.00	2.21	2.21	2.21
D-PD7-1 - Weir: 3	3YR24HR	0.00	0.00	0.00	0.00	0.00	0.00

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

NOTE
ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988



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DESIGN CZ	F.B. NO. –	SEC. 5 & 8			
DRAWN JV	PAGE –	TWP. 26 S			
CHECKED CZ	SCALE AS SHOWN	RANGE 31 E			
CAD# (see stamp)	DATE 10/16/25		DATE	BY	REVISIONS

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ENGINEERING, SURVEYING AND PLANNING
Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

OFFSITE POST-DEVELOPMENT BASIN MAP

SHEET Nº 01 of 01
JOB Nº 5450-05

I:\5450-05\ENGINEERING\SFWMD\OFFSITE DITCH\5450-05 Offsite Post Development Basin Map.dwg • Oct 16, 2025-3:49pm • plotted by MWaki

Simple Basin: OFFSITE 7A

Scenario:	POST
Node:	CD-36UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	54.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	24.9500 ac
Curve Number:	62.7
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: OFFSITE 7B

Scenario:	POST
Node:	CD-30UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	67.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	24.0600 ac
Curve Number:	63.3
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: POND 7

Scenario:	POST
Node:	POND 7
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number

Time of Concentration:	50.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	21.3400 ac
Curve Number:	84.1
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A1-1

Scenario:	POST
Node:	CD-36UP-1
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.4100 ac
Curve Number:	79.2
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A1-2

Scenario:	POST
Node:	CD-36UP-2
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	15.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0

Area:	1.6100 ac
Curve Number:	80.8
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A1-3

Scenario:	POST
Node:	CD-36UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.6600 ac
Curve Number:	58.5
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 A2

Scenario:	POST
Node:	OUT7A
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	18.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.5400 ac
Curve Number:	71.9
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00

% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 B1

Scenario:	POST
Node:	CD-30UP
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	30.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	2.1900 ac
Curve Number:	83.7
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Simple Basin: R/W7 B2

Scenario:	POST
Node:	POND 7
Hydrograph Method:	NRCS Unit Hydrograph
Infiltration Method:	Curve Number
Time of Concentration:	30.0000 min
Max Allowable Q:	99999.00 cfs
Time Shift:	0.0000 hr
Unit Hydrograph:	UH256
Peaking Factor:	256.0
Area:	1.8500 ac
Curve Number:	75.4
Ia/S:	0.00
% Impervious:	0.00
% DCIA:	0.00
% Direct:	0.00
Rainfall Name:	

Comment:

Node: CD-30UP

Scenario: POST
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 66.85 ft
Warning Stage: 71.50 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
66.85	0.0100	436
69.00	0.0500	2178

Comment:

Node: CD-36UP

Scenario: POST
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 65.30 ft
Warning Stage: 71.30 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
65.30	0.0100	436
68.00	0.0500	2178

Comment:

Node: CD-36UP-1

Scenario: POST
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 78.27 ft
Warning Stage: 82.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
78.27	0.0010	44
81.77	0.0010	44

Comment:

Node: CD-36UP-2

Scenario: POST
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 74.55 ft
Warning Stage: 82.00 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
74.55	0.0030	131
77.12	0.0030	131

Comment:

Node: OUT7A

Scenario: POST
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 66.30 ft
Warning Stage: 70.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.90
0	0	0	360.0000	66.90

Comment:

Node: OUT7B

Scenario: POST
Type: Time/Stage
Base Flow: 0.00 cfs
Initial Stage: 66.90 ft
Warning Stage: 70.00 ft
Alert Stage: 0.00 ft
Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	66.90
0	0	0	360.0000	66.90

Comment:

Node: POND 7

Scenario: POST
Type: Stage/Area
Base Flow: 0.00 cfs
Initial Stage: 67.25 ft
Warning Stage: 69.75 ft
Alert Stage: 0.00 ft

Stage [ft]	Area [ac]	Area [ft2]
67.25	3.8600	168142
71.00	4.3500	189486
71.50	4.9500	215622

Comment:

Pipe Link: CD-30

		Upstream		Downstream	
Scenario:	POST	Invert:	66.85 ft	Invert:	66.30 ft
From Node:	CD-30UP	Manning's N:	0.0120	Manning's N:	0.0120
To Node:	OUT7B	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	166.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: CD-36

		Upstream		Downstream	
Scenario:	POST	Invert:	65.30 ft	Invert:	65.10 ft
From Node:	CD-36UP	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	OUT7A	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	3.00 ft	Max Depth:	3.00 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	168.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	

Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Drop Structure Link: D-PD7-1		Upstream Pipe		Downstream Pipe	
Scenario:	POST	Invert:	66.30 ft	Invert:	65.10 ft
From Node:	POND 7	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	OUT7A	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Pipe Flow Direction:	Both	Bottom Clip			
Solution:	Combine	Default:	0.00 ft	Default:	0.00 ft
Increments:	10	Op Table:		Op Table:	
Pipe Count:	1	Ref Node:		Ref Node:	
Damping:	0.0000 ft	Manning's N:	0.0000	Manning's N:	0.0000
Length:	570.00 ft	Top Clip			
FHWA Code:	0	Default:	0.00 ft	Default:	0.00 ft
Entr Loss Coef:	0.00	Op Table:		Op Table:	
Exit Loss Coef:	1.00	Ref Node:		Ref Node:	
Bend Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Bend Location:	0.00 dec				
Energy Switch:	Energy				

Pipe Comment:

Weir Component		Bottom Clip	
Weir:	1	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Rectangular	Op Table:	
Invert:	68.28 ft	Ref Node:	
Control Elevation:	68.28 ft	Discharge Coefficients	
Max Depth:	3.75 ft	Weir Default:	3.200
Max Width:	1.20 ft	Weir Table:	
Fillet:	0.00 ft	Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component		Bottom Clip	
Weir:	2	Default:	0.00 ft
Weir Count:	1	Op Table:	
Weir Flow Direction:	Both	Ref Node:	
Damping:	0.0000 ft	Top Clip	
Weir Type:	Sharp Crested Vertical	Default:	0.00 ft
Geometry Type:	Trapezoidal	Op Table:	
Invert:	67.25 ft		

Control Elevation:	67.25 ft
Max Depth:	1.03 ft
Extrapolation Method:	Normal Projection
Bottom Width:	0.00 ft
Left Slope:	0.730 (h:v)
Right Slope:	0.730 (h:v)

Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Weir Component

Weir:	3
Weir Count:	1
Weir Flow Direction:	Both
Damping:	0.0000 ft
Weir Type:	Horizontal
Geometry Type:	Rectangular
Invert:	69.50 ft
Control Elevation:	69.50 ft
Max Depth:	4.08 ft
Max Width:	3.08 ft
Fillet:	0.00 ft

Bottom Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Top Clip

Default:	0.00 ft
Op Table:	
Ref Node:	

Discharge Coefficients

Weir Default:	3.200
Weir Table:	
Orifice Default:	0.600
Orifice Table:	

Weir Comment:

Drop Structure Comment:

Pipe Link: P1		Upstream		Downstream	
Scenario:	POST	Invert:	78.27 ft	Invert:	76.99 ft
From Node:	CD-36UP-1	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	CD-36UP-2	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	1.50 ft	Max Depth:	1.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	259.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Pipe Link: P2	Upstream	Downstream

Scenario:	POST	Invert:	74.55 ft	Invert:	74.41 ft
From Node:	CD-36UP-2	Manning's N:	0.0130	Manning's N:	0.0130
To Node:	CD-36UP	Geometry: Circular		Geometry: Circular	
Link Count:	1	Max Depth:	2.50 ft	Max Depth:	2.50 ft
Flow Direction:	Both	Bottom Clip			
Damping:	0.0000 ft	Default:	0.00 ft	Default:	0.00 ft
Length:	117.00 ft	Op Table:		Op Table:	
FHWA Code:	0	Ref Node:		Ref Node:	
Entr Loss Coef:	0.00	Manning's N:	0.0000	Manning's N:	0.0000
Exit Loss Coef:	1.00	Top Clip			
Bend Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Location:	0.00 dec	Op Table:		Op Table:	
Energy Switch:	Energy	Ref Node:		Ref Node:	
		Manning's N:	0.0000	Manning's N:	0.0000

Comment:

Simulation: 100YR72HR

Scenario: POST
Run Date/Time: 10/6/2025 9:12:47 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:	
Unit Hydrograph Folder:	

Lookup Tables

Boundary Stage Set:	
Extern Hydrograph Set:	
Curve Number Set:	
Green-Ampt Set:	
Vertical Layers Set:	
Impervious Set:	

Tolerances & Options

Time Marching:	SAOR
Max Iterations:	6
Over-Relax Weight Fact:	0.5 dec
dZ Tolerance:	0.0010 ft
Max dZ:	1.0000 ft
Link Optimizer Tol:	0.0001 ft
IA Recovery Time:	24.0000 hr
Ia/S:	0.20 dec
Smp/Man Basin Rain Opt:	Global
Rainfall Name:	~SFWMD-72
Rainfall Amount:	12.00 in
Storm Duration:	72.0000 hr
Dflt Damping (1D):	0.0050 ft
Min Node Srf Area (1D):	100 ft2
Energy Switch (1D):	Energy

Comment:

Simulation: 10YR24HR

Scenario:	POST
Run Date/Time:	10/6/2025 9:14:39 AM
Program Version:	StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	80.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000

Max Calculation Time: 30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec
Smp/Man Basin Rain Opt: Global
Rainfall Name: ~FLMOD
Rainfall Amount: 6.00 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simulation: 10YR72HR

Scenario: POST
Run Date/Time: 10/6/2025 9:15:37 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:
Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec

Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~SFWMD-72
		Rainfall Amount:	8.00 in
		Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 25YR72HR

Scenario: POST
Run Date/Time: 10/6/2025 9:17:27 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	150.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:		Boundary Stage Set:	
		Extern Hydrograph Set:	
Unit Hydrograph Folder:		Curve Number Set:	
		Green-Ampt Set:	
		Vertical Layers Set:	
		Impervious Set:	

Tolerances & Options			
Time Marching:	SAOR	IA Recovery Time:	24.0000 hr
Max Iterations:	6		
Over-Relax Weight Fact:	0.5 dec	Ia/S:	0.20 dec
dZ Tolerance:	0.0010 ft		
Max dZ:	1.0000 ft	Smp/Man Basin Rain Opt:	Global
Link Optimizer Tol:	0.0001 ft		
		Rainfall Name:	~SFWMD-72
		Rainfall Amount:	10.80 in
		Storm Duration:	72.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	100 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 3YR24HR

Scenario: POST
Run Date/Time: 10/6/2025 9:19:16 AM
Program Version: StormWise 4.08.02

General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	80.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		30.0000

Output Time Increments

Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	15.0000

Restart File

Save Restart: False

Resources & Lookup Tables

Resources

Rainfall Folder:

Unit Hydrograph Folder:

Lookup Tables

Boundary Stage Set:
Extern Hydrograph Set:
Curve Number Set:
Green-Ampt Set:
Vertical Layers Set:
Impervious Set:

Tolerances & Options

Time Marching: SAOR
Max Iterations: 6
Over-Relax Weight Fact: 0.5 dec
dZ Tolerance: 0.0010 ft
Max dZ: 1.0000 ft
Link Optimizer Tol: 0.0001 ft

IA Recovery Time: 24.0000 hr
Ia/S: 0.20 dec
Smp/Man Basin Rain Opt: Global
Rainfall Name: ~FLMOD
Rainfall Amount: 3.50 in
Storm Duration: 24.0000 hr
Dflt Damping (1D): 0.0050 ft
Min Node Srf Area (1D): 100 ft2
Energy Switch (1D): Energy

Comment:

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
OFFSITE 7A	100YR72HR	43.43	60.4667	12.00	6.97	24.9500
OFFSITE 7A	10YR24HR	14.57	12.6833	6.00	2.15	24.9500
OFFSITE 7A	10YR72HR	23.60	60.4833	8.00	3.63	24.9500
OFFSITE 7A	25YR72HR	37.39	60.4667	10.80	5.93	24.9500
OFFSITE 7A	3YR24HR	3.51	12.8167	3.50	0.64	24.9500

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
OFFSITE 7B	100YR72HR	36.67	60.6333	12.00	7.06	24.0600
OFFSITE 7B	10YR24HR	12.48	12.8500	6.00	2.20	24.0600
OFFSITE 7B	10YR72HR	20.04	60.6500	8.00	3.70	24.0600
OFFSITE 7B	25YR72HR	31.61	60.6333	10.80	6.02	24.0600
OFFSITE 7B	3YR24HR	3.11	12.9833	3.50	0.67	24.0600

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
POND 7	100YR72HR	49.51	60.4167	12.00	9.99	21.3400
POND 7	10YR24HR	27.75	12.5500	6.00	4.21	21.3400
POND 7	10YR72HR	31.52	60.4167	8.00	6.10	21.3400
POND 7	25YR72HR	44.14	60.4167	10.80	8.82	21.3400
POND 7	3YR24HR	12.73	12.5833	3.50	1.94	21.3400

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A1-1	100YR72HR	6.04	60.0667	12.00	9.33	1.4100
R/W7 A1-1	10YR24HR	3.10	12.1000	6.00	3.70	1.4100
R/W7 A1-1	10YR72HR	3.76	60.0667	8.00	5.53	1.4100
R/W7 A1-1	25YR72HR	5.36	60.0667	10.80	8.18	1.4100
R/W7 A1-1	3YR24HR	1.29	12.1167	3.50	1.58	1.4100

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A1-2	100YR72HR	6.98	60.0667	12.00	9.55	1.6100

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A1-2	10YR24HR	3.69	12.1000	6.00	3.86	1.6100
R/W7 A1-2	10YR72HR	4.39	60.0667	8.00	5.71	1.6100
R/W7 A1-2	25YR72HR	6.21	60.0667	10.80	8.39	1.6100
R/W7 A1-2	3YR24HR	1.60	12.1167	3.50	1.69	1.6100

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A1-3	100YR72HR	8.10	60.0833	12.00	6.33	2.6600
R/W7 A1-3	10YR24HR	2.32	12.1833	6.00	1.80	2.6600
R/W7 A1-3	10YR72HR	4.26	60.1000	8.00	3.17	2.6600
R/W7 A1-3	25YR72HR	6.92	60.1000	10.80	5.34	2.6600
R/W7 A1-3	3YR24HR	0.44	12.3667	3.50	0.47	2.6600

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 A2	100YR72HR	5.71	60.0833	12.00	8.32	1.5400
R/W7 A2	10YR24HR	2.47	12.1500	6.00	2.98	1.5400
R/W7 A2	10YR72HR	3.38	60.0833	8.00	4.68	1.5400
R/W7 A2	25YR72HR	5.01	60.0833	10.80	7.20	1.5400
R/W7 A2	3YR24HR	0.85	12.1667	3.50	1.11	1.5400

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 B1	100YR72HR	6.90	60.2000	12.00	9.94	2.1900
R/W7 B1	10YR24HR	3.80	12.3000	6.00	4.16	2.1900
R/W7 B1	10YR72HR	4.39	60.2000	8.00	6.06	2.1900
R/W7 B1	25YR72HR	6.15	60.2000	10.80	8.77	2.1900
R/W7 B1	3YR24HR	1.74	12.3167	3.50	1.91	2.1900

Simple Basin Runoff Summary [POST]

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 B2	100YR72HR	5.46	60.2000	12.00	8.81	1.8500
R/W7 B2	10YR24HR	2.55	12.3167	6.00	3.32	1.8500
R/W7 B2	10YR72HR	3.31	60.2000	8.00	5.09	1.8500

Basin Name	Sim Name	Max Flow [cfs]	Time to Max Flow [hrs]	Total Rainfall [in]	Total Runoff [in]	Area [ac]
R/W7 B2	25YR72HR	4.82	60.2000	10.80	7.68	1.8500
R/W7 B2	3YR24HR	0.97	12.3667	3.50	1.33	1.8500

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-30UP	100YR72HR	71.50	0.00	71.36	0.0010	41.65	41.45	2541
CD-30UP	10YR24HR	71.50	0.00	68.76	-0.0010	15.13	15.08	2374
CD-30UP	10YR72HR	71.50	0.00	69.59	0.0010	23.19	23.06	2541
CD-30UP	25YR72HR	71.50	0.00	70.78	0.0010	36.05	35.94	2541
CD-30UP	3YR24HR	71.50	0.00	67.69	-0.0010	4.26	4.25	1494

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-36UP	100YR72HR	71.30	0.00	70.34	0.0010	55.99	55.82	2595
CD-36UP	10YR24HR	71.30	0.00	67.58	0.0010	20.13	20.09	2376
CD-36UP	10YR72HR	71.30	0.00	68.60	-0.0010	30.96	30.77	2595
CD-36UP	25YR72HR	71.30	0.00	69.81	-0.0010	48.38	48.38	2595
CD-36UP	3YR24HR	71.30	0.00	66.95	-0.0010	8.98	5.44	1996

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-36UP-1	100YR72HR	82.00	0.00	79.58	0.0008	6.04	6.01	432
CD-36UP-1	10YR24HR	82.00	0.00	79.03	0.0010	3.10	3.08	431
CD-36UP-1	10YR72HR	82.00	0.00	79.14	0.0010	3.76	3.74	432
CD-36UP-1	25YR72HR	82.00	0.00	79.43	-0.0010	5.36	5.34	432
CD-36UP-1	3YR24HR	82.00	0.00	78.70	-0.0007	1.29	1.29	373

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
CD-36UP-2	100YR72HR	82.00	0.00	76.61	0.0010	12.98	12.96	590
CD-36UP-2	10YR24HR	82.00	0.00	75.96	0.0010	6.75	6.74	593
CD-36UP-2	10YR72HR	82.00	0.00	76.11	0.0010	8.12	8.10	592
CD-36UP-2	25YR72HR	82.00	0.00	76.47	0.0010	11.54	11.52	590
CD-36UP-2	3YR24HR	82.00	0.00	75.44	0.0010	2.89	2.86	569

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
OUT7A	100YR72HR	70.00	0.00	66.90	0.0000	65.80	8.98	0
OUT7A	10YR24HR	70.00	0.00	66.90	0.0000	22.17	8.98	0
OUT7A	10YR72HR	70.00	0.00	66.90	0.0000	35.70	8.98	0
OUT7A	25YR72HR	70.00	0.00	66.90	0.0000	56.78	8.98	0
OUT7A	3YR24HR	70.00	0.00	66.90	0.0000	6.12	8.98	0

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
OUT7B	100YR72HR	70.00	0.00	66.90	0.0000	41.45	0.01	0
OUT7B	10YR24HR	70.00	0.00	66.90	0.0000	15.08	0.01	0
OUT7B	10YR72HR	70.00	0.00	66.90	0.0000	23.06	0.01	0
OUT7B	25YR72HR	70.00	0.00	66.90	0.0000	35.94	0.01	0
OUT7B	3YR24HR	70.00	0.00	66.90	0.0000	4.25	0.01	0

Node Max Conditions [POST]

Node Name	Sim Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
POND 7	100YR72HR	69.75	0.00	69.81	-0.0008	54.25	18.66	182727
POND 7	10YR24HR	69.75	0.00	68.63	0.0008	30.06	3.89	175985
POND 7	10YR72HR	69.75	0.00	69.13	0.0007	34.39	7.11	178863
POND 7	25YR72HR	69.75	0.00	69.67	-0.0008	48.32	14.24	181916
POND 7	3YR24HR	69.75	0.00	68.00	0.0009	13.62	0.90	172390

Link Min/Max Conditions [POST]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CD-30	100YR72HR	41.45	-0.01	0.11	8.44	9.20	8.81
CD-30	10YR24HR	15.08	-0.01	0.05	3.75	5.77	4.76
CD-30	10YR72HR	23.06	-0.01	0.09	4.70	6.81	5.74
CD-30	25YR72HR	35.94	-0.01	0.11	7.32	8.44	7.88
CD-30	3YR24HR	4.25	-0.01	-0.01	3.27	3.94	3.45

Link Min/Max Conditions [POST]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
CD-36	100YR72HR	55.82	-8.98	-1.14	7.90	9.12	8.51
CD-36	10YR24HR	20.09	-8.98	-1.13	3.48	-4.57	4.01
CD-36	10YR72HR	30.77	-8.98	-1.07	4.35	6.95	5.65
CD-36	25YR72HR	48.38	-8.98	-1.14	6.85	8.49	7.66
CD-36	3YR24HR	5.44	-8.98	1.02	-2.03	-4.57	-3.21

Link Min/Max Conditions [POST]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
D-PD7-1 - Pipe	100YR72HR	18.66	0.00	-0.02	0.00	0.00	0.00
D-PD7-1 - Weir: 1	100YR72HR	6.86	0.00	0.00	3.85	3.85	3.85
D-PD7-1 - Weir: 2	100YR72HR	4.86	0.00	0.00	6.27	6.27	6.27
D-PD7-1 - Weir: 3	100YR72HR	8.01	0.00	-0.01	1.79	1.79	1.79
D-PD7-1 - Pipe	10YR24HR	3.89	0.00	0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	10YR24HR	0.79	0.00	0.00	1.89	1.89	1.89
D-PD7-1 - Weir: 2	10YR24HR	3.10	0.00	0.00	4.00	4.00	4.00
D-PD7-1 - Weir: 3	10YR24HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Pipe	10YR72HR	7.11	0.00	0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	10YR72HR	3.03	0.00	0.00	2.96	2.96	2.96
D-PD7-1 -	10YR72HR	4.08	0.00	0.00	5.26	5.26	5.26

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
Weir: 2							
D-PD7-1 - Weir: 3	10YR72HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Pipe	25YR72HR	14.24	0.00	-0.01	0.00	0.00	0.00
D-PD7-1 - Weir: 1	25YR72HR	6.29	0.00	-0.01	3.77	3.77	3.77
D-PD7-1 - Weir: 2	25YR72HR	4.86	0.00	0.00	6.27	6.27	6.27
D-PD7-1 - Weir: 3	25YR72HR	3.21	0.00	0.01	1.32	1.32	1.32
D-PD7-1 - Pipe	3YR24HR	0.90	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Weir: 1	3YR24HR	0.00	0.00	0.00	0.00	0.00	0.00
D-PD7-1 - Weir: 2	3YR24HR	0.90	0.00	0.00	2.21	2.21	2.21
D-PD7-1 - Weir: 3	3YR24HR	0.00	0.00	0.00	0.00	0.00	0.00

Link Min/Max Conditions [POST]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P1	100YR72HR	6.01	0.00	0.12	3.68	5.14	4.40
P1	10YR24HR	3.08	0.00	-0.12	3.55	4.06	3.75
P1	10YR72HR	3.74	0.00	-0.12	3.55	4.35	3.93
P1	25YR72HR	5.34	0.00	0.12	3.66	4.91	4.27
P1	3YR24HR	1.29	0.00	0.04	3.13	3.14	3.14

Link Min/Max Conditions [POST]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
P2	100YR72HR	12.96	0.00	-0.05	2.99	5.51	4.25
P2	10YR24HR	6.74	0.00	0.02	2.36	4.51	3.44
P2	10YR72HR	8.10	0.00	0.02	2.52	4.73	3.62
P2	25YR72HR	11.52	0.00	-0.04	2.85	5.29	4.07
P2	3YR24HR	2.86	0.00	0.01	1.84	3.54	2.69

Node | Multi-Scenario | Max Conditions Report | (sim, name, scenario)

Sim Name	Node Name	Scen Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
100YR72HR	CD-30UP	POST	71.50	0.00	71.36	0.0010	41.65	41.45	2541
100YR72HR	CD-30UP	PRE	71.50	0.00	71.36	0.0010	41.65	41.45	2541
100YR72HR	CD-36UP	POST	71.30	0.00	70.34	0.0010	55.99	55.82	2595
100YR72HR	CD-36UP	PRE	71.30	0.00	70.32	-0.0010	58.42	58.15	2595
100YR72HR	CD-36UP-1	POST	82.00	0.00	79.58	0.0008	6.04	6.01	432
100YR72HR	CD-36UP-2	POST	82.00	0.00	76.61	0.0010	12.98	12.96	590
100YR72HR	OUT7A	POST	70.00	0.00	66.90	0.0000	65.80	8.98	0
100YR72HR	OUT7A	PRE	70.00	0.00	66.90	0.0000	68.39	9.15	0
100YR72HR	OUT7B	POST	70.00	0.00	66.90	0.0000	41.45	0.01	0
100YR72HR	OUT7B	PRE	70.00	0.00	66.90	0.0000	41.45	0.01	0
100YR72HR	POND 7	POST	69.75	0.00	69.81	-0.0008	54.25	18.66	182727
100YR72HR	POND 7	PRE	69.75	0.00	69.81	0.0009	54.25	19.02	182696
10YR24HR	CD-30UP	POST	71.50	0.00	68.76	-0.0010	15.13	15.08	2374
10YR24HR	CD-30UP	PRE	71.50	0.00	68.76	0.0010	15.13	15.09	2374
10YR24HR	CD-36UP	POST	71.30	0.00	67.58	0.0010	20.13	20.09	2376
10YR24HR	CD-36UP	PRE	71.30	0.00	67.47	0.0010	18.98	18.93	2312
10YR24HR	CD-36UP-1	POST	82.00	0.00	79.03	0.0010	3.10	3.08	431
10YR24HR	CD-36UP-2	POST	82.00	0.00	75.96	0.0010	6.75	6.74	593
10YR24HR	OUT7A	POST	70.00	0.00	66.90	0.0000	22.17	8.98	0
10YR24HR	OUT7A	PRE	70.00	0.00	66.90	0.0000	20.88	9.15	0
10YR24HR	OUT7B	POST	70.00	0.00	66.90	0.0000	15.08	0.01	0
10YR24HR	OUT7B	PRE	70.00	0.00	66.90	0.0000	15.09	0.01	0
10YR24HR	POND 7	POST	69.75	0.00	68.63	0.0008	30.06	3.89	175985
10YR24HR	POND 7	PRE	69.75	0.00	68.63	0.0010	30.06	3.89	175985
10YR72HR	CD-30UP	POST	71.50	0.00	69.59	0.0010	23.19	23.06	2541
10YR72HR	CD-30UP	PRE	71.50	0.00	69.59	0.0010	23.19	23.06	2541
10YR72HR	CD-36UP	POST	71.30	0.00	68.60	-0.0010	30.96	30.77	2595
10YR72HR	CD-36UP	PRE	71.30	0.00	68.56	-0.0010	31.41	31.12	2595
10YR72HR	CD-36UP-1	POST	82.00	0.00	79.14	0.0010	3.76	3.74	432
10YR72HR	CD-36UP-2	POST	82.00	0.00	76.11	0.0010	8.12	8.10	592

Sim Name	Node Name	Scen Name	Warning Stage [ft]	Alert Stage [ft]	Max Stage [ft]	Min/Max Delta Stage [ft]	Max Total Inflow [cfs]	Max Total Outflow [cfs]	Max Surface Area [ft2]
10YR72HR	OUT7A	POST	70.00	0.00	66.90	0.0000	35.70	8.98	0
10YR72HR	OUT7A	PRE	70.00	0.00	66.90	0.0000	36.21	9.15	0
10YR72HR	OUT7B	POST	70.00	0.00	66.90	0.0000	23.06	0.01	0
10YR72HR	OUT7B	PRE	70.00	0.00	66.90	0.0000	23.06	0.01	0
10YR72HR	POND 7	POST	69.75	0.00	69.13	0.0007	34.39	7.11	178863
10YR72HR	POND 7	PRE	69.75	0.00	69.13	0.0010	34.39	7.11	178863
25YR72HR	CD-30UP	POST	71.50	0.00	70.78	0.0010	36.05	35.94	2541
25YR72HR	CD-30UP	PRE	71.50	0.00	70.78	0.0010	36.05	35.94	2541
25YR72HR	CD-36UP	POST	71.30	0.00	69.81	-0.0010	48.38	48.38	2595
25YR72HR	CD-36UP	PRE	71.30	0.00	69.78	0.0010	50.17	49.92	2595
25YR72HR	CD-36UP-1	POST	82.00	0.00	79.43	-0.0010	5.36	5.34	432
25YR72HR	CD-36UP-2	POST	82.00	0.00	76.47	0.0010	11.54	11.52	590
25YR72HR	OUT7A	POST	70.00	0.00	66.90	0.0000	56.78	8.98	0
25YR72HR	OUT7A	PRE	70.00	0.00	66.90	0.0000	58.59	9.15	0
25YR72HR	OUT7B	POST	70.00	0.00	66.90	0.0000	35.94	0.01	0
25YR72HR	OUT7B	PRE	70.00	0.00	66.90	0.0000	35.94	0.01	0
25YR72HR	POND 7	POST	69.75	0.00	69.67	-0.0008	48.32	14.24	181916
25YR72HR	POND 7	PRE	69.75	0.00	69.67	0.0009	48.32	14.33	181910
3YR24HR	CD-30UP	POST	71.50	0.00	67.69	-0.0010	4.26	4.25	1494
3YR24HR	CD-30UP	PRE	71.50	0.00	67.69	0.0010	4.26	4.25	1494
3YR24HR	CD-36UP	POST	71.30	0.00	66.95	-0.0010	8.98	5.44	1996
3YR24HR	CD-36UP	PRE	71.30	0.00	66.93	0.0010	9.15	4.45	1985
3YR24HR	CD-36UP-1	POST	82.00	0.00	78.70	-0.0007	1.29	1.29	373
3YR24HR	CD-36UP-2	POST	82.00	0.00	75.44	0.0010	2.89	2.86	569
3YR24HR	OUT7A	POST	70.00	0.00	66.90	0.0000	6.12	8.98	0
3YR24HR	OUT7A	PRE	70.00	0.00	66.90	0.0000	4.99	9.15	0
3YR24HR	OUT7B	POST	70.00	0.00	66.90	0.0000	4.25	0.01	0
3YR24HR	OUT7B	PRE	70.00	0.00	66.90	0.0000	4.25	0.01	0
3YR24HR	POND 7	POST	69.75	0.00	68.00	0.0009	13.62	0.90	172390
3YR24HR	POND 7	PRE	69.75	0.00	68.00	0.0010	13.62	0.90	172390

Link | Multi-Scenario | Min/Max Conditions Report | (sim, name, scenario)

Sim Name	Link Name	Scen Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
100YR72HR	CD-30	POST	41.45	-0.01	0.11	8.44	9.20	8.81
100YR72HR	CD-30	PRE	41.45	-0.01	0.11	8.44	9.20	8.81
100YR72HR	CD-36	POST	55.82	-8.98	-1.14	7.90	9.12	8.51
100YR72HR	CD-36	PRE	58.15	-9.15	-1.14	8.23	9.35	8.79
100YR72HR	D-PD7-1 -	POST	18.66	0.00	-0.02	0.00	0.00	0.00

Sim Name	Link Name	Scen Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
	Pipe							
100YR72HR	D-PD7-1 - Weir: 1	POST	6.86	0.00	0.00	3.85	3.85	3.85
100YR72HR	D-PD7-1 - Weir: 2	POST	4.86	0.00	0.00	6.27	6.27	6.27
100YR72HR	D-PD7-1 - Weir: 3	POST	8.01	0.00	-0.01	1.79	1.79	1.79
100YR72HR	D-PD7-1 - Pipe	PRE	19.02	0.00	-0.02	0.00	0.00	0.00
100YR72HR	D-PD7-1 - Weir: 1	PRE	7.02	0.00	0.00	3.88	3.88	3.88
100YR72HR	D-PD7-1 - Weir: 2	PRE	4.89	0.00	0.00	6.32	6.32	6.32
100YR72HR	D-PD7-1 - Weir: 3	PRE	7.80	0.00	-0.01	1.77	1.77	1.77
100YR72HR	P1	POST	6.01	0.00	0.12	3.68	5.14	4.40
100YR72HR	P2	POST	12.96	0.00	-0.05	2.99	5.51	4.25
10YR24HR	CD-30	POST	15.08	-0.01	0.05	3.75	5.77	4.76
10YR24HR	CD-30	PRE	15.09	-0.01	-0.05	3.75	5.77	4.76
10YR24HR	CD-36	POST	20.09	-8.98	-1.13	3.48	-4.57	4.01
10YR24HR	CD-36	PRE	18.93	-9.15	-0.88	3.45	-4.59	3.86
10YR24HR	D-PD7-1 - Pipe	POST	3.89	0.00	0.01	0.00	0.00	0.00
10YR24HR	D-PD7-1 - Weir: 1	POST	0.79	0.00	0.00	1.89	1.89	1.89
10YR24HR	D-PD7-1 - Weir: 2	POST	3.10	0.00	0.00	4.00	4.00	4.00
10YR24HR	D-PD7-1 - Weir: 3	POST	0.00	0.00	0.00	0.00	0.00	0.00
10YR24HR	D-PD7-1 - Pipe	PRE	3.89	0.00	0.01	0.00	0.00	0.00
10YR24HR	D-PD7-1 - Weir: 1	PRE	0.79	0.00	0.00	1.89	1.89	1.89
10YR24HR	D-PD7-1 - Weir: 2	PRE	3.10	0.00	0.00	4.00	4.00	4.00
10YR24HR	D-PD7-1 - Weir: 3	PRE	0.00	0.00	0.00	0.00	0.00	0.00
10YR24HR	P1	POST	3.08	0.00	-0.12	3.55	4.06	3.75
10YR24HR	P2	POST	6.74	0.00	0.02	2.36	4.51	3.44
10YR72HR	CD-30	POST	23.06	-0.01	0.09	4.70	6.81	5.74
10YR72HR	CD-30	PRE	23.06	-0.01	0.09	4.70	6.81	5.74
10YR72HR	CD-36	POST	30.77	-8.98	-1.07	4.35	6.95	5.65
10YR72HR	CD-36	PRE	31.12	-9.15	-1.20	4.40	7.00	5.70
10YR72HR	D-PD7-1 - Pipe	POST	7.11	0.00	0.01	0.00	0.00	0.00
10YR72HR	D-PD7-1 - Weir: 1	POST	3.03	0.00	0.00	2.96	2.96	2.96

Sim Name	Link Name	Scen Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
10YR72HR	D-PD7-1 - Weir: 2	POST	4.08	0.00	0.00	5.26	5.26	5.26
10YR72HR	D-PD7-1 - Weir: 3	POST	0.00	0.00	0.00	0.00	0.00	0.00
10YR72HR	D-PD7-1 - Pipe	PRE	7.11	0.00	0.01	0.00	0.00	0.00
10YR72HR	D-PD7-1 - Weir: 1	PRE	3.03	0.00	0.00	2.96	2.96	2.96
10YR72HR	D-PD7-1 - Weir: 2	PRE	4.08	0.00	0.00	5.26	5.26	5.26
10YR72HR	D-PD7-1 - Weir: 3	PRE	0.00	0.00	0.00	0.00	0.00	0.00
10YR72HR	P1	POST	3.74	0.00	-0.12	3.55	4.35	3.93
10YR72HR	P2	POST	8.10	0.00	0.02	2.52	4.73	3.62
25YR72HR	CD-30	POST	35.94	-0.01	0.11	7.32	8.44	7.88
25YR72HR	CD-30	PRE	35.94	-0.01	-0.16	7.32	8.44	7.87
25YR72HR	CD-36	POST	48.38	-8.98	-1.14	6.85	8.49	7.66
25YR72HR	CD-36	PRE	49.92	-9.15	-1.17	7.06	8.62	7.84
25YR72HR	D-PD7-1 - Pipe	POST	14.24	0.00	-0.01	0.00	0.00	0.00
25YR72HR	D-PD7-1 - Weir: 1	POST	6.29	0.00	-0.01	3.77	3.77	3.77
25YR72HR	D-PD7-1 - Weir: 2	POST	4.86	0.00	0.00	6.27	6.27	6.27
25YR72HR	D-PD7-1 - Weir: 3	POST	3.21	0.00	0.01	1.32	1.32	1.32
25YR72HR	D-PD7-1 - Pipe	PRE	14.33	0.00	-0.01	0.00	0.00	0.00
25YR72HR	D-PD7-1 - Weir: 1	PRE	6.29	0.00	-0.01	3.77	3.77	3.77
25YR72HR	D-PD7-1 - Weir: 2	PRE	4.89	0.00	0.00	6.32	6.32	6.32
25YR72HR	D-PD7-1 - Weir: 3	PRE	3.18	0.00	0.01	1.31	1.31	1.31
25YR72HR	P1	POST	5.34	0.00	0.12	3.66	4.91	4.27
25YR72HR	P2	POST	11.52	0.00	-0.04	2.85	5.29	4.07
3YR24HR	CD-30	POST	4.25	-0.01	-0.01	3.27	3.94	3.45
3YR24HR	CD-30	PRE	4.25	-0.01	0.01	3.27	3.94	3.45
3YR24HR	CD-36	POST	5.44	-8.98	1.02	-2.03	-4.57	-3.21
3YR24HR	CD-36	PRE	4.45	-9.15	-1.10	-2.07	-4.59	-3.23
3YR24HR	D-PD7-1 - Pipe	POST	0.90	0.00	0.00	0.00	0.00	0.00
3YR24HR	D-PD7-1 - Weir: 1	POST	0.00	0.00	0.00	0.00	0.00	0.00
3YR24HR	D-PD7-1 - Weir: 2	POST	0.90	0.00	0.00	2.21	2.21	2.21
3YR24HR	D-PD7-1 -	POST	0.00	0.00	0.00	0.00	0.00	0.00

Sim Name	Link Name	Scen Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Max Avg Velocity [fps]
	Weir: 3							
3YR24HR	D-PD7-1 - Pipe	PRE	0.90	0.00	0.00	0.00	0.00	0.00
3YR24HR	D-PD7-1 - Weir: 1	PRE	0.00	0.00	0.00	0.00	0.00	0.00
3YR24HR	D-PD7-1 - Weir: 2	PRE	0.90	0.00	0.00	2.21	2.21	2.21
3YR24HR	D-PD7-1 - Weir: 3	PRE	0.00	0.00	0.00	0.00	0.00	0.00
3YR24HR	P1	POST	1.29	0.00	0.04	3.13	3.14	3.14
3YR24HR	P2	POST	2.86	0.00	0.01	1.84	3.54	2.69

Puffin Road Commercial

Osceola County, Florida

Section 7

Residence Time Calculations

Prepared by:
Hanson, Walter & Associates, Inc.
104 Broadway, Suite 104
Kissimmee, FL 34741
(407) 847-9433

SUPPORT CALCULATIONS

Job Name:	Puffin Road Commrcial		Prepared By: MW
HWA Job Number:	5450-05		Checked By: RN
Development (Bold one):	Pre	**Post**	
Basin Name:	POND A		

POND STAGE / STORAGE CALCULATIONS [1]

(Below Bleeder for Permanent Pool Volume)

	Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac-ft)
	56.00	54,882	1.26	0	0	0
	69.00	90,908	2.09	1.67	21.75	21.75
CWL	72.00	111,061	2.55	2.32	6.95	**28.71**

***56.00 ft (6-FT DEPTH - To ensure not to create Anoxic Conditions)**

1) Stage / Storage Calculations is only for Residence Time & Permanent Pool Volume. This calculation (stage/storage) is NOT valid for establishing the necessary elevation for the treatment water quality volume.

RESIDENCE TIME

Runoff Coefficient:

Land Use Description	C	Area (acre)	CxArea
Building	0.98	0.00	0.00
Wet Pond	0.98	2.55	2.50
Impervious	0.98	26.05	25.53
Wetland	0.8	0.00	0.00
Open Space	0.8	13.11	10.49
	TOTAL	41.71	38.52

C (weighted) = $\frac{\text{Total Product}}{\text{Total Area}}$ = **0.92**

Minimum Permanent Pool Volume:

Area (acre)	Weighted Runoff Coefficient	Residence Time (days)	Wet Season Regional Rainfall (in) [2]	Days of Wet Season (June - October)	Months
41.71	0.92	21	31.2	153	June - October

Minimum Required Permanent Pool Volume: 13.74 ac-ft

Actual Provided Permanent Pool Volume:	**28.71**	**ac-ft**
Actual Residence Time (days):	**44**	**days**

(ADEQUATE PERMANENT VOLUME PROVIDED)

2) Technical Publication WRE #380 - Regional Rainfall Frequency Analysis for Central and South Florida; Hydrologic Reporting Unity Resource Assessment Division-Water Resources evaluation Department South Florida Water Management District; Dated July 1999.

Puffin Road Commercial

Osceola County, Florida

Section 8

Phosphorus Loading Calculations (BMP Trains)

Prepared by:
Hanson, Walter & Associates, Inc.
104 Broadway, Suite 104
Kissimmee, FL 34741
(407) 847-9433

SUPPORT CALCULATIONS

Job Name:	Puffin Road Commercial	Prepared By:	MW
HWA Job Number:	5450-05	Checked By:	RN
Development (Bold one):	**Pre** Post		
Basin Name:	SITE (PRE)	Outfall:	POND A (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	0.00	or	0.00	or	0
Wet Detention Pond	0.00	or	-	or	0
Pervious	39.39	or	1,715,828.40	or	94.44
Impervious	0.00	or	0	or	0
Wetlands	2.32	or	101,059	or	5.56
TOTAL	41.71		1,816,887.60		100.00

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A/D	98	0.00	0.00
Impervious (Building)	A/D	98	0.00	0.00
Pervious (Open Space)	A/D	39	39.39	1536.21
Wetland	D	98	2.32	227.36
Water Mananagement (wet)	D	98	0.00	0.00
		TOTAL	41.71	1763.57

CN (weighted) = Total Product / Total Area = 42.3 **USE => 42**

---

1 Catchment DCIA/Non-DCIA Calculation

Total Project Area	41.71	ac
Impervious Area	2.32	ac
DCIA Area	0.00	ac
DCIA %	**-**	**%**

Pervious Area	41.71	ac
CN (Pervious Area)	39	
Impervious Area which is not DCIA (Non-DCIA Area)	2.32	ac
Non-DCIA CN	**42.11**	

SUPPORT CALCULATIONS

Job Name:	Puffin Road Commercial	Prepared By:	MW
HWA Job Number:	5450-05	Checked By:	RN
Development (Bold one):	Pre **Post**		
Basin Name:	SITE (POST)	Outfall:	POND A (DRY)

BASIN INFORMATION

Land Use	Area (ac)		Area (sf)		Percent (%)
Building Roof Area	5.65	or	246,114.00	or	13.55
Wet Detention Pond	6.73	or	293,358.80	or	16.15
Pervious	10.27	or	447,161.20	or	24.61
Impervious	19.06	or	830,254	or	45.7
Wetlands	0.00	or	0	or	0
TOTAL	41.71		1,816,887.60		100.01

CURVE NUMBER

Land Use Description	Soil Group	CN	Area (acre)	CNxArea
Impervious (Pavement & Sidewalk)	A/D	98	19.06	1867.88
Impervious (Building)	A/D	98	5.65	553.70
Pervious (Open Space)	A/D	39	10.27	400.35
Wetland	D	80	0.00	0.00
Water Mananagement (wet)	D	98	6.73	659.99
		TOTAL	41.71	3481.92

CN (weighted) = Total Product / Total Area = 83.5 **USE => 84**

---

1 Catchment DCIA/Non-DCIA Calculation

Total Project Area	41.71	ac
Impervious Area	24.71	ac
DCIA Area	19.06	ac
DCIA %	**45.70**	**%**

Pervious Area	10.27	ac
CN (Pervious Area)	39	
Impervious Area which is not DCIA (Non-DCIA Area)	5.65	ac
Non-DCIA CN	**59.95**	

SUPPORT CALCULATIONS

Job Name:	Puffin Road Commrcial	Prepared By: MW
HWA Job Number:	5450-05	Checked By: RN
Development (Bold one):	Pre **Post**	
Basin Name:	POND A (DRY)	

POND STAGE / STORAGE CALCULATIONS

Stage	Area (sf)	Area (ac)	Average Area (ac)	Volume (ac-ft)	Accumulated Volume (ac-ft)
73.95	192,333	4.42	0	0	0
74.50	198,050	4.55	4.48	2.46	2.46
75.00	206,754	4.75	4.65	2.32	**4.79**

Actual Provided Dry Volume:	**4.79**	**ac-ft**
Catchment Area:	**32.66**	**ac**
Retention Depth:	**0.15**	**ft**
Retention Depth:	**1.759**	**inches**

Catchment Area (acre) = Total Site Area (acre) - Ponds Area (acre)

Retention Depth (ft) = Actual Provided Dry Volume (ac-ft) / Catchment Area (acre)

Complete Report (not including cost) Ver 4.3.5

Project: Puffin Road Commercial
Date: 10/22/2025 2:37:00 PM

Site and Catchment Information

Analysis: Net Improvement

Catchment Name	Puffin Road Commercial
Rainfall Zone	Florida Zone 2
Annual Mean Rainfall	50.00

Pre-Condition Landuse Information

Landuse	Agricultural - General: TN=2.800 TP=0.487
Area (acres)	41.71
Rational Coefficient (0-1)	0.01
Non DCIA Curve Number	42.11
DCIA Percent (0-100)	0.00
Nitrogen EMC (mg/l)	2.800
Phosphorus EMC (mg/l)	0.487
Runoff Volume (ac-ft/yr)	1.437
Groundwater N (kg/yr)	0.000
Groundwater P (kg/yr)	0.000
Nitrogen Loading (kg/yr)	4.960
Phosphorus Loading (kg/yr)	0.863

Post-Condition Landuse Information

Landuse	High-Intensity Commercial: TN=2.40 TP=0.345
Area (acres)	41.71
Rational Coefficient (0-1)	0.39
Non DCIA Curve Number	59.95
DCIA Percent (0-100)	45.70
Wet Pond Area (ac)	9.05
Nitrogen EMC (mg/l)	2.400
Phosphorus EMC (mg/l)	0.345
Runoff Volume (ac-ft/yr)	52.584
Groundwater N (kg/yr)	0.000
Groundwater P (kg/yr)	0.000

Nitrogen Loading (kg/yr)	155.607
Phosphorus Loading (kg/yr)	22.369

Catchment Number: 1 Name: Puffin Road Commercial

Project: Puffin Road Commercial
Date: 10/22/2025

Multiple BMP in Series Design Parameters

BMP in Series Number: 1
BMP Type: Retention

Retention Depth (in)	1.759
Retention Volume (ac-ft)	4.787

BMP in Series Number: 2
BMP Type: Wet Detention

Permanent Pool Volume (ac-ft)	28.650
Permanent Pool Volume (ac-ft) for 31 days residence	4.466
Annual Residence Time (days)	199
Littoral Zone Efficiency Credit	
Wetland Efficiency Credit	

BMP in Series Number: 3
BMP Type: None

BMP in Series Number: 4
BMP Type: None

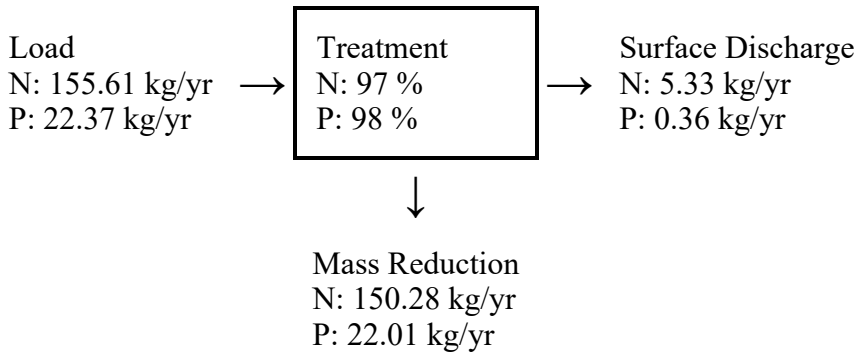
Watershed Characteristics

Catchment Area (acres)	41.71
Contributing Area (acres)	32.660
Non-DCIA Curve Number	59.95
DCIA Percent	45.70
Rainfall Zone	Florida Zone 2
Rainfall (in)	50.00

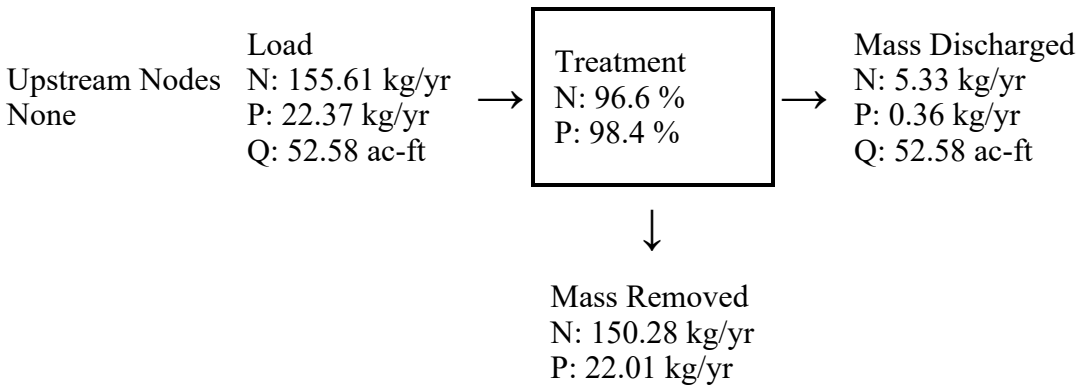
Surface Water Discharge

Required TN Treatment Efficiency (%)	97
Provided TN Treatment Efficiency (%)	97
Required TP Treatment Efficiency (%)	96
Provided TP Treatment Efficiency (%)	98

Load for Multiple BMP in Series



Load Diagram for Multiple BMP (As Used In Routing)



Summary Treatment Report Version: 4.3.5

Project: Puffin Road Commercial

Analysis Type: Net Improvement

Date:10/22/2025

BMP Types:

Catchment 1 - (Puffin Road Commercial) Multiple BMP
Based on % removal values to the nearest percent

Routing Summary
Catchment 1 Routed to Outlet

Total nitrogen target removal met? **Yes**
Total phosphorus target removal met? **Yes**

Summary Report

Nitrogen

Surface Water Discharge

Total N pre load	4.96 kg/yr	
Total N post load	155.61 kg/yr	
Target N load reduction	97 %	
Target N discharge load	4.96 kg/yr	
Percent N load reduction	97 %	
Provided N discharge load	5.33 kg/yr	11.74 lb/yr
Provided N load removed	150.28 kg/yr	331.37 lb/yr

Phosphorus

Surface Water Discharge

Total P pre load	.863 kg/yr	
Total P post load	22.369 kg/yr	
Target P load reduction	96 %	
Target P discharge load	.863 kg/yr	
Percent P load reduction	98 %	
Provided P discharge load	.361 kg/yr	.8 lb/yr
Provided P load removed	22.008 kg/yr	48.527 lb/yr

Puffin Road Commercial

Osceola County, Florida

Section 9

Supporting Documents

- **Warranty Deeds**
- **Osceola County Property Appraiser Report**
- **Letter of Authorization**

Prepared by:
Hanson, Walter & Associates, Inc.
104 Broadway, Suite 104
Kissimmee, FL 34741
(407) 847-9433

Katrina S. Scarborough, CFA, CCF, MCF
Osceola County Property Appraiser
www.property-appraiser.org
Osceola County Government Center
2505 East Irlo Bronson Memprial Hwy, Kissimmee, FL 34744
Ph:(407) 742-5000 Fax:(407) 742-4900

Owner Information

Parcel ID:	05-26-31-0105-0001-0010
Owner(S):	SLS INVESTMENTS OF CENTRAL FLORIDA LLLP
Mailing Address:	2725 13TH ST SAINT CLOUD FL 34769
Property Address:	0 PUFFIN RD SAINT CLOUD FL 34771
Primary Use:	TIMBERLAND 80-90-VAC (Code: 5501)
Tax District:	100 - ST CLOUD

Legal Description

Legal Description: EXCHANGE AT SAINT CLOUD PB 33 PG 159 LOT 1

Land (Total Records: 2) Total Acres: 24.52

Land	Units	Unit Type	Depth	Value
TIMBER / PINE	AC	24.52	0	$9,318
MARKET VALUE	AC	24.52	0	$1,471,200

Property Values (Total Records: 3)

This Is An Agriculture Property.

Values Shown Below Represents Working Appraised Values As Of 07/27/2025, Which Are Subject To Change Prior To Certification

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2025	$1,471,200	$0	$0	$1,471,200	1461900	$9,300	$0	$9,300

Values Shown Below Represents Certified Values That Appeared On The Tax Roll As Of 10/04/2024

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2024	$1,471,200	$0	$0	$1,471,200	1461900	$9,300	$0	$9,300

Values Shown Below Represents Historic Values

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2023	$1,471,200	$0	$0	$1,471,200	1461900	$9,300	$0	$9,300

Exemptions (Total Exemption: 0)

No Records To Display.

Parcel Sales History

No Records To Display.

Sales In Subdivision Within Last 1 Year (Total Records: 0)

No Records To Display.

Buildings (Total Records: 0)

No Records To Display.

Extra Features

No Records To Display.

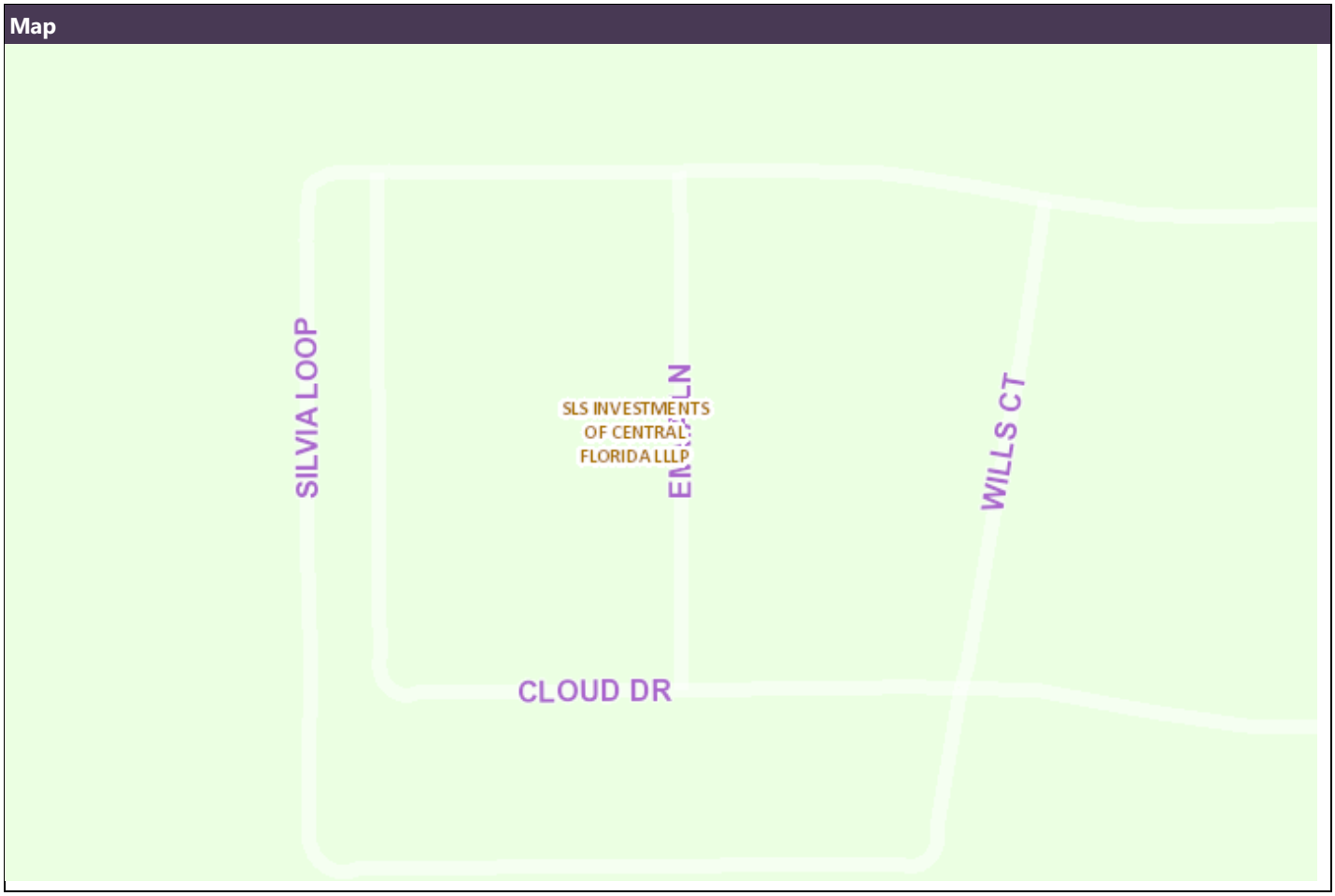
School Info

Category	Description
ELEMENTARY SCHOOLS	HICKORY TREE ELEMENTARY
MIDDLE SCHOOLS	NARCOOSSEE MIDDLE
HIGH SCHOOLS	HARMONY HIGH

TPP Info

No Records To Display.

Map


SILVIA LOOP
SLS INVESTMENTS OF CENTRAL FLORIDA LLLP
WILLS CT
CLOUD DR

Katrina S. Scarborough, CFA, CCF, MCF
Osceola County Property Appraiser
www.property-appraiser.org
Osceola County Government Center
2505 East Irlo Bronson Memprial Hwy, Kissimmee, FL 34744
Ph:(407) 742-5000 Fax:(407) 742-4900

Owner Information

Parcel ID:	05-26-31-0105-0001-0020
Owner(S):	DD RETAIL ST CLOUD LLC
Mailing Address:	3300 NE EXPRESSWAY BLDG 6 ATLANTA GA 30341
Property Address:	0 PUFFIN RD SAINT CLOUD FL 34771
Primary Use:	TIMBERLAND 80-90-VAC (Code: 5501)
Tax District:	100 - ST CLOUD

Legal Description

Legal Description: EXCHANGE AT SAINT CLOUD PB 33 PG 159 LOT 2

Land (Total Records: 2) Total Acres: 15.42

Land	Units	Unit Type	Depth	Value
TIMBER / PINE	AC	15.42	0	$1,542
MARKET VALUE	AC	15.42	0	$123,360

Property Values (Total Records: 3)

This Is An Agriculture Property.

Values Shown Below Represents Working Appraised Values As Of 07/27/2025, Which Are Subject To Change Prior To Certification

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2025	$123,400	$0	$0	$123,400	121900	$1,500	$0	$1,500

Values Shown Below Represents Certified Values That Appeared On The Tax Roll As Of 10/04/2024

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2024	$925,200	$0	$0	$925,200	919300	$5,900	$0	$5,900

Values Shown Below Represents Historic Values

Tax Year	Land	Building(S)	Feature(S)	Market	AG-Benefit	Assessed	Exemption	Taxable
2023	$925,200	$0	$0	$925,200	919300	$5,900	$0	$5,900

Exemptions (Total Exemption: 0)

No Records To Display.

Parcel Sales History

Sale Date	Price	Book-Page	Seller(S)	Buyer(S)	Vacant / Improved	Deed Code
2023-04-18	$4,250,000	6392-2431	SLS INVESTMENTS OF CENTRAL FLORIDA LLLP	DD RETAIL ST CLOUD LLC	VACANT	SPECIAL WARRANTY DEED

Sales In Subdivision Within Last 1 Year (Total Records: 0)

No Records To Display.

Buildings (Total Records: 0)

No Records To Display.

Extra Features

No Records To Display.

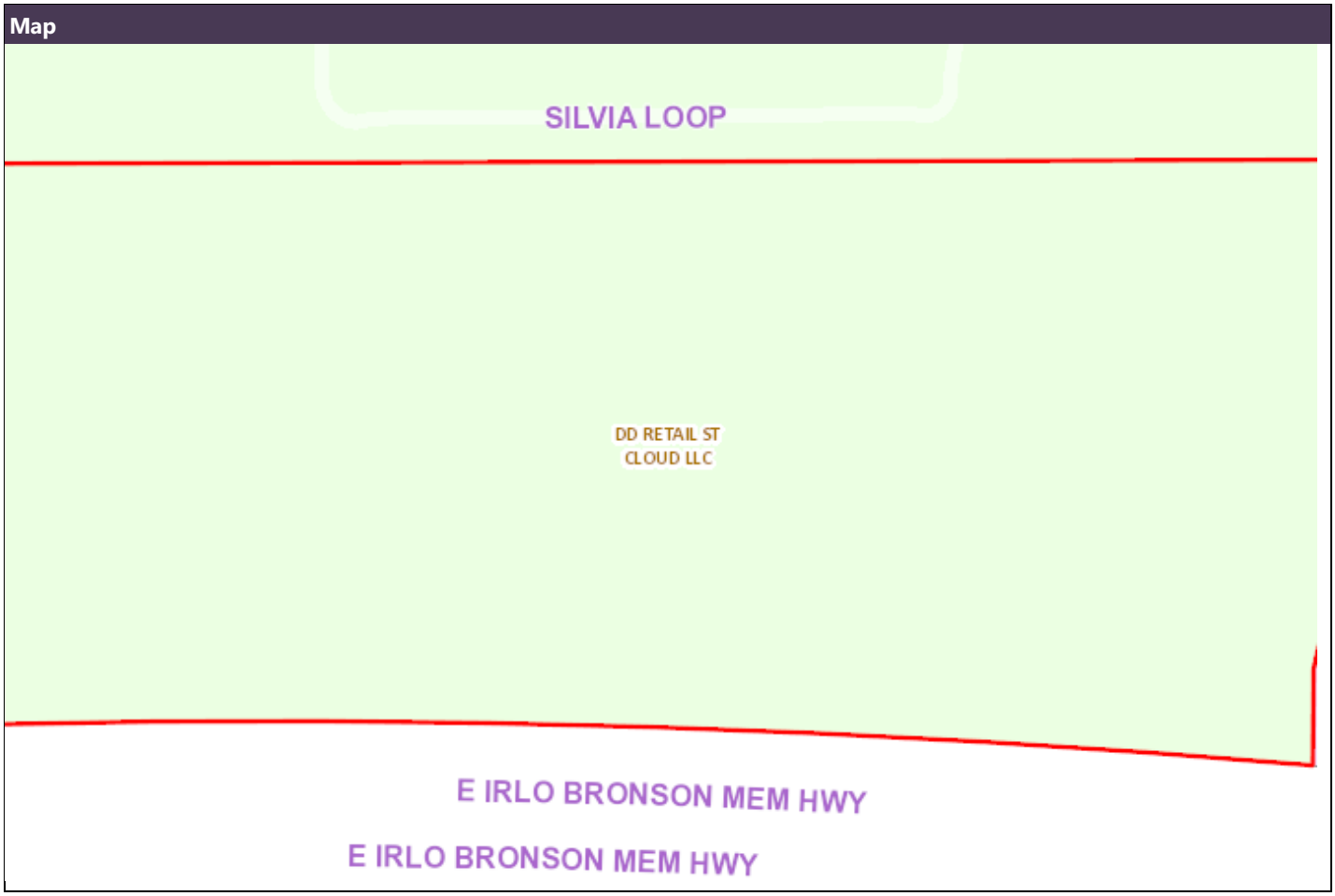
School Info

Category	Description
ELEMENTARY SCHOOLS	HICKORY TREE ELEMENTARY
MIDDLE SCHOOLS	NARCOOSSEE MIDDLE
HIGH SCHOOLS	HARMONY HIGH

TPP Info

No Records To Display.

Map


SILVIA LOOP
DD RETAIL ST
CLOUD LLC
E IRLO BRONSON MEM HWY
E IRLO BRONSON MEM HWY

CFN 2010193262
Bk 04077 Pgs 1118 - 1119; (2pgs)
DATE: 12/28/2010 11:44:22 AM
MALCOM THOMPSON, CLERK OF COURT
OSCEOLA COUNTY
RECORDING FEES 18.50
DEED DOC 0.70

This Instrument Prepared by and Return to::

Randy Sheive
117 B Broadway
Kissimmee, Florida 34741
as a necessary incident to the fulfillment of conditions contained in a title insurance commitment issued by it.

Property Appraisers Parcel I.D._____:

WARRANTY DEED

This Warranty Deed Made the 27th Day of December, 2010, by Randy Sheive, married, hereinafter called the grantor, whose post office address is: 117 B Broadway, Kissimmee, Florida **34741**

to SLS INVESTMENTS OF CENTRAL FLORIDA,LLLP, whose post office address is:3356 Cat Brier Trail, Harmony, Fl 34773 hereinafter called the grantee,

WITNESSETH: That said grantor, for and in consideration of the sum of $10.00 Dollars and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in **Osceola** County, Florida, viz:

SEE EXHBIT "A" ATTACHED HERETO AND MADE A PART HEREOF.

THE PROPERTY DESCRIBED HEREIN IS NOT THE HOMESTEAD OF THE GRANTOR AS DEFINED BY ARTICLE X OF THE FLORIDA CONSTITUTION.

The property **is not** the homestead of the Grantor(s).
TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.
To Have and to Hold, the same in fee simple forever.
And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31st, 2010, reservations, restrictions and easements of record, if any.
(The terms "grantor" and "grantee" herein shall be construed to include all genders and singular or plural as the context indicates.)

In Witness Whereof, Grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Signature: _____
Printed Name: Susie Rogers

RANDY SHEIVE

Witness Signature: _____
Printed Name: Russell Hannon

STATE OF **Florida**
COUNTY OF OSCEOLA The foregoing instrument was acknowledged before me this 28th **day of December, 2010, by, Randy Sheive**, who is/are personally known to me or who has/have produced driver license(s) as identification.

My Commission expires:

Notary Public State of Florida
Susan E Rogers
My Commission DD773593
1/14/2012

Printed Name: Susan E Rogers
Notary Public DD773593
Serial Number 1.14.2012

EXHIBIT "A"

Lot 1, PLAT OF DART PLAZA, according to the Plat thereof, as recorded in Plat Book 7, Page 156, Public Records of Osceola County, Florida. Said lands lying in Osceola County, Florida.

Legal Description Easement #1:

Begin at the Northeast corner of Lot 1, Dart Plaza, according to the plat thereof as recorded in Plat Book 7, Page 156, Public Records of Osceola County, Florida; thence S 12° 04' 47" W along the East line of said Lot 1, 231.87'; thence along the South line of said Lot 1, N 77° 55' 13" W, 11.50'; thence N 12° 04' 47" E, 198.57' to a point of curvature of a curve concave to the Southwest; thence along the arc of said curve, having a radius of 25.00' a delta of 101° 58' 30", a distance of 44.50' to the North line of said Lot 1; thence along said line S 89° 53' 52" E, 42.62' to the Point of Beginning.

Legal Description Easement #2:

Begin at the Northeast corner of Lot 1, Dart Plaza, according to the plat thereof as recorded in Plat Book 7, Page 156, Public Records of Osceola County, Florida; thence S 12° 04' 47" W along the East line of said Lot 1, 231.87'; thence along the South line of said Lot 1 N 77° 55' 13" W, 200.00' to the Easterly right of way line of Jessup Avenue; thence along said line S 12° 04' 47" W, 27.00'; thence S 77° 55' 13" E, 375.00' to a curve concave to the Southwest; thence along the arc of said curve, having a radius of 25.00', a delta of 90°, a distance of 39.27' to a point on the West line of Mill Run Avenue; thence along said line N 12° 04' 47" E, 77.00'; thence along the arc of a curve concave to Northwest, having a radius of 25.00', a delta of 90°, a distance of 39.27'; thence N 77° 55' 13" W, 153.50'; thence N 12° 04' 47" E, 87.63' to a point of curvature of a curve concave to the Southeast; thence along said curve, having a radius of 38.00', a delta of 20° 42' 58", a distance of 13.74' to a point of reverse curvature of a curve concave to the West; thence along said curve having a radius of 78.00°, a delta of 46° 02' 52", a distance of 62.69' to a point of cusp; thence N 12° 04' 47" E, 54.14 to a point of curvature of a curve concave to the Southeast; thence along said curve having a radius of 25.00', a delta of 78° 01' 30", a distance of 34.04' to a point on the Southerly right of way line of Osceola Parkway; thence along said line N 89° 53' 52" W, 42.23' to the Point of Beginning.

This Instrument Prepared By
and Should be Returned To:

Atkinson Ferguson, LLC
Attn: Chris H. Atkinson, Esq.
118 Court Street
Monroe, Georgia 30655

Tax Parcel I.D. No: 05-26-31-00U0-0065-0000
Consideration: $4,250,000.00
Documentary Stamp Tax: $29,750.00

STATE OF FLORIDA

ORANGE COUNTY

SPECIAL WARRANTY DEED

THIS SPECIAL WARRANTY DEED is made the 18th day of April, 2023, by **SLS INVESTMENTS OF CENTRAL FLORIDA, LLLP**, a Florida limited liability limited partnership, whose address is 2725 13th Street, Saint Cloud, Florida 34769 (hereinafter referred to as the "Grantor"), to **DD RETAIL ST. CLOUD, LLC**, a Georgia limited liability company, whose address is 3300 NE Expressway, Building 6, Atlanta, GA 30341 (hereinafter referred to as the "Grantee").

(Whenever used herein, the terms "Grantor" and "Grantee" shall be deemed to include the parties to this Special Warranty Deed and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations. The singular shall be deemed to include the plural, and vice versa, where the context so permits.)

WITNESSETH:

WITNESSETH, that the Grantor, for and in consideration of the sum of Ten Dollars ($10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, has granted, bargained, sold, conveyed and confirmed, and by these presents does grant, bargain, sell, convey and confirm, unto Grantee, all that certain land situated in Osceola County, Florida, more particularly described in **Exhibit "A"** attached hereto (the "Property"), together with all the easements, tenements, hereditaments, and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the Property, and all the estate, right, title, interest, lien, and equity whatsoever of Grantor either in law or in equity or both, to the proper use, benefit and behoof of Grantee and Grantee's successors and assigns in fee simple forever.

AND THE GRANTOR hereby covenants with Grantee that Grantor will warrant and defend the Property against the lawful claims and demands of all persons claiming by, through or under Grantor, but against none other, and that the Property is free of all encumbrances, except those matters described in **Exhibit "B"** attached hereto (the "Permitted Encumbrances"), provided that this reference shall not serve to reimpose same.

Recorded in Osceola County, FL KELVIN SOTO, ESQ., CLERK OF COURT 04/21/2023 02:42:29 PM RECEIPT # 2749431
Rec Fees 35.50 DEED DOC 29,750.00 EXTRA NAMES
CFN# 2023048380 BK 6392 PG 2431 PAGE 1 OF 4

IN WITNESS WHEREOF, Grantor has executed this Special Warranty Deed as of the day and year first above written.

Signed, sealed, and delivered
in the presence of:

Print Name: Marcy B. Kast

Print Name:

GRANTOR:

SLS INVESTMENTS OF CENTRAL FLORIDA, LLLP, a Florida limited liability limited partnership

By: _____
Jolene Sheive
Authorized Manager

STATE OF Florida

COUNTY OF Orange

The foregoing instrument was acknowledged before me by means of physical presence this 17th day of April, 2023, by Jolene Sheive, as Authorized Manager of **SLS INVESTMENTS OF CENTRAL FLORIDA, LLLP**, a Florida limited liability limited partnership, on behalf of such limited liability limited partnership. She ☐ is personally known to me, OR ☑ has produced FL D/L (type of identification) as identification.

NOTARY STAMP OR SEAL:

MARCY B. KAST
MY COMMISSION # HH 151206
EXPIRES: July 14, 2025
Bonded Thru Notary Public Underwriters

_____
Notary Public

Print Name: _____

Commission No.: _____

My Commission Expires: _____

CFN# 2023048380 OFFICIAL RECORDS O DOC_TYPE DEED BK 6392 PG 2432 PAGE 2 OF 4

EXHIBIT "A"

Property

All that certain piece, parcel, lot or tract of land, situate, lying and being in the City of Saint Cloud, County of Osceola, State of Florida, being shown as **Lot 2**, containing 15.346 acres, on plat entitled "Exchange at Saint Cloud," prepared by John M. Hughes, Registration No. 6367, of Hanson, Walter & Associates, Inc., recorded April 17, 2023 in **Plat Book 33, Page 159**, Osceola County, Florida Records, which recorded plat is incorporated herein by reference and made a part of this description.

CFN# 2023048380 OFFICIAL RECORDS O DOC_TYPE DEED BK 6392 PG 2433 PAGE 3 OF 4

EXHIBIT "B"

Permitted Encumbrances

1. Taxes for the year 2023 and subsequent years, which are not yet due and payable.

2. City of St. Cloud, Florida Resolution No. 85-14, as more fully set forth in the document recorded in Official Records Book 781, Page 2898, of the Public Records of Osceola County, Florida.

3. City of St. Cloud, Florida Resolution No. 85-Q, as more fully set forth in the document recorded in Official Records Book 783, Page 2351, of the Public Records of Osceola County, Florida.

4. City of St. Cloud, Florida Resolution No. 2005-112, as more fully set forth in the document recorded in Official Records Book 3108, Page 1667, of the Public Records of Osceola County, Florida.

5. St. Cloud, Florida Resolution No. 2022-184R recorded in Official Records Book 6295, Page 2021, of the Public Records of Osceola County, Florida.

6. Master Easement Agreement by and between SLS Investments of Central Florida, LLLP and DD Retail St. Cloud, LLC, dated as of April 18, 2023 and recorded in Official Records Book ____, Page ____, of the Public Records of Osceola County, Florida.

7. Plat entitled "Exchange at Saint Cloud," prepared by John M. Hughes, Registration No. 6367, of Hanson, Walter & Associates, Inc., recorded April 17, 2023 in Plat Book 33, Page 159, Osceola County, Florida Records.

CFN# 2023048380 OFFICIAL RECORDS O DOC_TYPE DEED BK 6392 PG 2434 PAGE 4 OF 4

St. Cloud FLORIDA Your Centerplace for Life

AGENT AUTHORIZATION FORM

An authorized applicant is defined as:
- The property owner of record; or
- An agent of said property owner (power or attorney to represent and bind the property owner must be submitted with the application).

The undersigned (print property owner name) DD RETAIL ST CLOUD LLC (Thomas Gunter), as the owner of the real property described as follows (Tax/Parcel ID Number(s) 05-26-31-0105-0001-0020 do hereby authorize to act as the Owner's representative and/or agent: (print agent's name) Hanson Walter & Associates, to execute any petitions or other documents required or submitted in support of the following application for approval:

☐ Abandonment of Easement or ROW	☐ Annexation / CPA / Zoning	☐ Change of Use ☐ Conditional Use	☐ COA / BOA
■ Final Plat	☐ Lot Split / Reconfiguration	■ Preliminary Subdivision Plan	☐ PUD Amendment Major / Minor
☐ PUD Final Master Plan	☐ PUD Subdivision Construction Plans	☐ PUD Zoning / Preliminary Master Plan	■ Site Development Plan
☐ Site Development Plan – Mini	☐ Site Development Plan Modification	☐ Subdivision Construction Plans / Amendment	☐ Variance

Including appearing on behalf of the Owner before any appointed or elected administrative, legislative or quasi-judicial body of the city considering this application, and to act in all respects as Owner's representative and/or agent in all matters pertaining to the application.

Date: 7/17/25 Signature of Property Owner

Thomas Gunter
Print Name of Property Owner

STATE OF ~~FLORIDA~~ Georgia

COUNTY OF Gwinnett:

The foregoing instrument was acknowledged before me by means of [✓] physical presence or [ ] online notarization, this 17th day of July, 2025 by Thomas Gunter, who is personally known to me or has produced _____ as identification.

MARZENA DEMKO NOTARY PUBLIC GWINNETT COUNTY, GA MY COMMISSION EXPIRES NOVEMBER 15 2028

(Notary Seal)

Signature of Notary Public M Demko

My Commission Expires: 11/15/2028

AGENT AUTHORIZATION FORM

An authorized applicant is defined as:
- The property owner of record; or
- An agent of said property owner (power or attorney to represent and bind the property owner must be submitted with the application).

The undersigned (print property owner name) DD RETAIL ST CLOUD LLC (Thomas Gunter), as the owner of the real property described as follows (Tax/Parcel ID Number(s) 05-26-31-0105-0001-0020 do hereby authorize to act as the Owner's representative and/or agent: (print agent's name) Southeast Investments, Inc., to execute any petitions or other documents required or submitted in support of the following application for approval:

☐ Abandonment of Easement or ROW	☐ Annexation / CPA / Zoning	☐ Change of Use ☐ Conditional Use	☐ COA / BOA
■ Final Plat	☐ Lot Split / Reconfiguration	■ Preliminary Subdivision Plan	☐ PUD Amendment Major / Minor
☐ PUD Final Master Plan	☐ PUD Subdivision Construction Plans	☐ PUD Zoning / Preliminary Master Plan	■ Site Development Plan
☐ Site Development Plan – Mini	☐ Site Development Plan Modification	☐ Subdivision Construction Plans / Amendment	☐ Variance

Including appearing on behalf of the Owner before any appointed or elected administrative, legislative or quasi-judicial body of the city considering this application, and to act in all respects as Owner's representative and/or agent in all matters pertaining to the application.

Date: 7/17/25 Signature of Property Owner

Thomas Gunter
Print Name of Property Owner

STATE OF ~~FLORIDA~~ Georgia
COUNTY OF Gwinnett:

The foregoing instrument was acknowledged before me by means of [✓] physical presence or [ ] online notarization, this 17th day of July, 2025 by Thomas Gunter, who is personally known to me or has produced _____ as identification.

(Notary Stamp) MARZENA DEMKO NOTARY PUBLIC GWINNETT COUNTY, GA MY COMMISSION EXPIRES NOVEMBER 15 2028

Signature of Notary Public M Demko

My Commission Expires: 11/15/2028

AGENT AUTHORIZATION FORM

An authorized applicant is defined as:
- The property owner of record; or
- An agent of said property owner (power or attorney to represent and bind the property owner must be submitted with the application).

The undersigned (print property owner name) SLS INVESTMENTS OF CENTRAL FLORIDA LLLP, as the owner of the real property described as follows (Tax/Parcel ID Number(s) 05-26-31-0105-0001-0010 do hereby authorize to act as the Owner's representative and/or agent: (print agent's name) Hanson Walter & Associates, to execute any petitions or other documents required or submitted in support of the following application for approval:

□ Abandonment of Easement or ROW	□ Annexation / CPA / Zoning	□ Change of Use □ Conditional Use	□ COA / BOA
■ Final Plat	□ Lot Split / Reconfiguration	■ Preliminary Subdivision Plan	□ PUD Amendment Major / Minor
□ PUD Final Master Plan	□ PUD Subdivision Construction Plans	□ PUD Zoning / Preliminary Master Plan	■ Site Development Plan
□ Site Development Plan – Mini	□ Site Development Plan Modification	□ Subdivision Construction Plans / Amendment	□ Variance

Including appearing on behalf of the Owner before any appointed or elected administrative, legislative or quasi-judicial body of the city considering this application, and to act in all respects as Owner's representative and/or agent in all matters pertaining to the application.

Date: 7/16/25 Signature of Property Owner

Jolene Sleive Print Name of Property Owner

STATE OF FLORIDA :
COUNTY OF Osceola :

The foregoing instrument was acknowledged before me by means of [ ] physical presence or [ ] online notarization, this 16th day of July, 2025 by Jolene Sleive, who is personally known to me or has produced N/A as identification.

Signature of Notary Public

My Commission Expires: 6/1/29

(Notary Stamp)

Notary Public State of Florida
Nelida Rivera
My Commission HH 673748
Expires 6/1/2029

AGENT AUTHORIZATION FORM

An authorized applicant is defined as:
- The property owner of record; or
- An agent of said property owner (power or attorney to represent and bind the property owner must be submitted with the application).

The undersigned (print property owner name) SLS INVESTMENTS OF CENTRAL FLORIDA LLLP, as the owner of the real property described as follows (Tax/Parcel ID Number(s) 05-26-31-0105-0001-0010 do hereby authorize to act as the Owner's representative and/or agent: (print agent's name) Southeast Investments, Inc., to execute any petitions or other documents required or submitted in support of the following application for approval:

□ Abandonment of Easement or ROW	□ Annexation / CPA / Zoning	□ Change of Use □ Conditional Use	□ COA / BOA
■ Final Plat	□ Lot Split / Reconfiguration	■ Preliminary Subdivision Plan	□ PUD Amendment Major / Minor
□ PUD Final Master Plan	□ PUD Subdivision Construction Plans	□ PUD Zoning / Preliminary Master Plan	■ Site Development Plan
□ Site Development Plan – Mini	□ Site Development Plan Modification	□ Subdivision Construction Plans / Amendment	□ Variance

Including appearing on behalf of the Owner before any appointed or elected administrative, legislative or quasi-judicial body of the city considering this application, and to act in all respects as Owner's representative and/or agent in all matters pertaining to the application.

Date: 7/16/25 Signature of Property Owner

Jolene Sheive
Print Name of Property Owner

STATE OF FLORIDA :
COUNTY OF Florida :

The foregoing instrument was acknowledged before me by means of [ ] physical presence or [ ] online notarization, this 16th day of July, 2025 by Jolene Sheive, who is personally known to me or has produced DHA as identification.

Signature of Notary Public

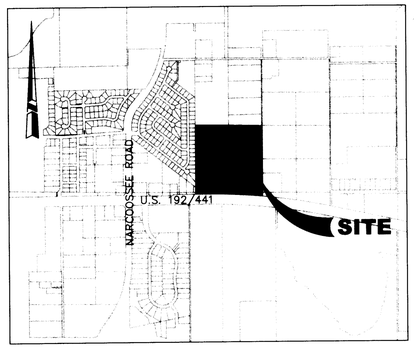
My Commission Expires: 6/1/29

(Notary Stamp)

Notary Public State of Florida
Nelida Rivera
My Commission HH 673748
Expires 6/1/2029

EXCHANGE AT SAINT CLOUD

LYING IN SECTIONS 5 & 8, TOWNSHIP 26 SOUTH, RANGE 31 EAST, CITY OF SAINT CLOUD
OSCEOLA COUNTY, FLORIDA.



LOCATION MAP
NOT TO SCALE

Legal Description: (PER O.R BOOK 4567, PAGE 87)

All of the Southeast quarter (SE 1/4) of the Southwest quarter (SW 1/4) of Section Five (5), Township Twenty–Six (26) South, Range Thirty–One (31) East, Osceola County, Florida; excepting therefrom the West half (W 1/2) of the Southwest quarter (1/4) of the Southeast quarter (SE 1/4) of the Southwest quarter (1/4) of said Section Five (5).

Also from a point 2650.2 feet West of the Northeast corner of Section Eight (8), Township Twenty–Six (26) South, Range Thirty–One (31) East, Osceola County, Florida, run thence West 986.7 feet along North line of said Section Eight (8), run thence South 69.8 feet to North line of Right of Way of State Road No. 24, thence in a Southeasterly direction on a 00°30' curve to right a distance of 987.7 feet to a point due South of beginning, thence North 110.6 feet to Point of Beginning.

Also Beginning at a point 1652.5 feet East and 15 feet South of the Northwest Corner of Section Eight (8), Township Twenty–Six (26) South, Range Thirty–One (31) East, Osceola County, Florida, run thence East 991.5 feet, run thence North 30 feet, run thence West 991.5 feet, and run thence South 30 feet to the Point of Beginning.

Also West 1/2 of SW 1/4 of SE 1/4 of SW 1/4, Section 5, Township 26 South, Range 31 East, Osceola County, Florida. Also begin 1322 feet East of NW corner of Section 8, Township 26 South, Range 31 East, run East 330 feet, South 69.8 feet to North line of State Road 24, West along Right–of–Way to Point due South of POB, North 73 feet to POB, less Road Right–of–Way, as set out in O.R. 173, Page 466, Public Records of Osceola County, Florida.

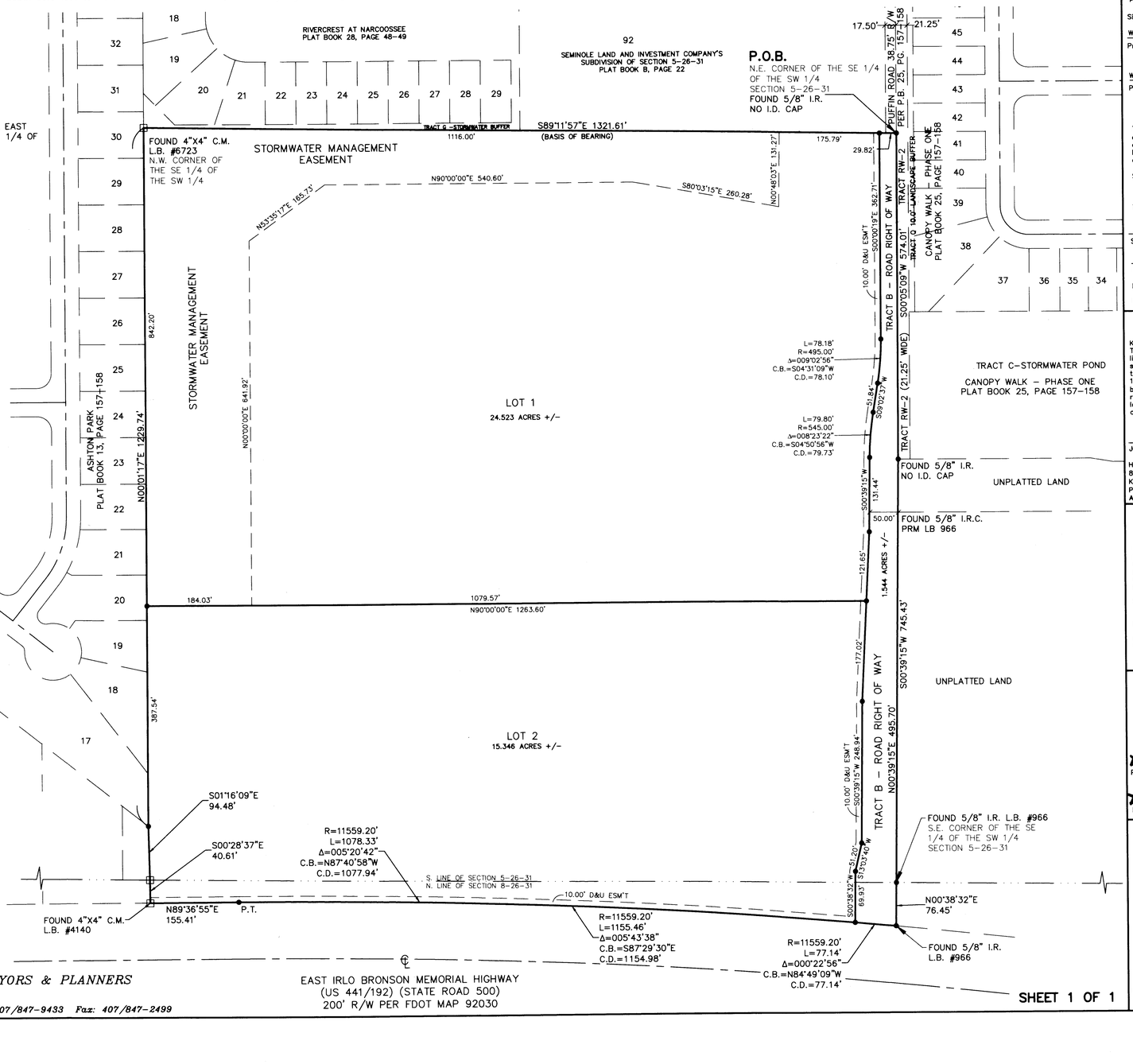
PLAT NOTES:

1. BEARINGS SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT). THE NORTH LINE OF THE S.E. 1/4 OF THE S.W. 1/4 OF SECTION 5, RANGE 26 SOUTH, RANGE 31, EAST, BEING N89°11'57"E.
2. TOTAL AREA OF SUBJECT PROPERTY = 41.41 ACRES, MORE OR LESS.

LEGAL DESCRIPTION: (PER SURVEYOR)

BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 SECTION 5, TOWNSHIP 26 SOUTH, RANGE 31 EAST, OSCEOLA COUNTY FLORIDA; THENCE RUN SOUTH 00°05'09" WEST, A DISTANCE OF 574.01 FEET; THENCE RUN SOUTH 00°39'15" WEST, A DISTANCE OF 745.43 FEET TO THE SOUTHEAST CORNER OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 5, TOWNSHIP 26 SOUTH, RANGE 31 EAST; THENCE RUN SOUTH 00° 38'32" WEST, A DISTANCE OF 76.45 FEET TO A POINT ON THE NORTH RIGHT OF WAY OF U.S 192/441, SAID POINT BEING A POINT ON A CURVE CONCAVE TO THE SOUTH, HAVING A RADIUS OF 11559.20 FEET, A CHORD BEARING OF NORTH 87°29'30" WEST AND A CHORD DISTANCE OF 1154.98 FEET; THENCE RUN ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 05°43'38", A DISTANCE OF 1155.46 FEET TO A POINT OF TANGENCY; THENCE RUN SOUTH 89°36'55" WEST, A DISTANCE OF 155.41 FEET; THENCE RUN NORTH 00°28'37" WEST, A DISTANCE OF 40.61 FEET; THENCE RUN NORTH 01°16'09" WEST, A DISTANCE OF 94.48 FEET; THENCE RUN NORTH 00°01'17" EAST, A DISTANCE OF 1229.74 FEET TO THE NORTHWEST CORNER OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SAID SECTION 5, TOWNSHIP 26 SOUTH, RANGE 30 EAST; THENCE RUN SOUTH 89°11'57" EAST, A DISTANCE OF 1321.61 FEET TO THE POINT OF BEGINNING.

CONTAINING 41.41 ACRES



LEGEND

P.B.	PLAT BOOK	P.O.C.	POINT OF COMMENCEMENT
PGS.	PAGES	P.O.B.	POINT OF BEGINNING
PT	POINT OF TANGENCY	CH	CHORD
PC	POINT OF CURVATURE	CB	CHORD BEARING
PI	POINT OF INTERSECTION	L	LENGTH
PRC	POINT OF REVERSE CURVE	LB	LICENSED BUSINESS
PCC	POINT OF COMPOUND CURVATURE	R	RADIUS
PNTC	POINT OF NON–TANGENT CURVATURE	RLS	REGISTERED LAND SURVEYOR
PRM	PERMANENT REFERENCE MONUMENT	RP	RADIUS POINT
●	5/8" IRON ROD WITH CAP LB #3270 (UNLESS OTHERWISE NOTED)	O.R.	OFFICIAL RECORDS
⊡	4"X4" CONCRETE MONUMENT	ESM'T	EASEMENT
◉	PERMANENT CONTROL POINT NAIL & DISC (P.C.P. LB #3270)	R/W	RIGHT OF WAY
○	5/8" IRON ROD WITH CAP (PRM) LB #3270	D&U	DRAINAGE & UTILITY
IR	IRON ROD	S/D/U	SIDEWALK, DRAINAGE & UTILITY
℄	CENTERLINE	TAN	TANGENT
		CM	CONCRETE MONUMENT
		N.T.S.	NOT TO SCALE
		N.R.	NON RADIAL
		F.D.O.T.	FLORIDA DEPARTMENT OF TRANSPORTATION

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREON AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

HANSON, WALTER & ASSOCIATES, INC. ENGINEERS, SURVEYORS & PLANNERS
8 BROADWAY, SUITE 104, KISSIMMEE, FLORIDA 34741
PROFESSIONAL SURVEYING CERTIFICATE OF AUTHORIZATION NO. LB 3270 Phone: 407/847–9433 Fax: 407/847–2499

PLAT BOOK 33 PAGE 159

EXCHANGE AT SAINT CLOUD
DEDICATION

KNOW ALL MEN BY THESE PRESENTS, that SLS INVESTMENTS OF CENTRAL FLORIDA LLLP, a limited liability limited partnership company, being the owner in fee simple of a portion of the lands described in the foregoing caption to this plat, hereby dedicates said lands and plat for the uses and purposes therein expressed and dedicates the Road (Tract B), and the Drainage & Utility Easements to the perpetual use of the public.

IN WITNESS WHEREOF, has caused these presents to be signed and sealed by the person(s) named below on March 23, 2023.

SLS INVESTMENTS OF CENTRAL FLORIDA LLLP,
a limited liability limited partnership company

By: _____
Print Name: Jolene Sheive Title: Authorized Representative

Signed in the presence of:

WITNESS: _____
Print Name: Shannon Parker

WITNESS: _____
Print Name: Joshua Sheats

STATE OF Florida COUNTY OF Osceola

The foregoing instrument was acknowledged before me by means of [✓] physical presence or [ ] online notarization, This 23rd day of March 2023, by Jolene Sheive, an Authorized Representative for SLS INVESTMENTS OF CENTRAL FLORIDA LLLP, a limited liability limited partnership company.

Such person is [✓] personally known to me or has
[ ] produced identification.
Type of identification produced: _____

SIGNATURE OF NOTARY PUBLIC: _____
Printed Name or Stamp: Kristen Terwilliger
My Commission Number: HH 352412
My Commission Expires: Jan 23, 2027

CERTIFICATE OF SURVEYOR

KNOW ALL MEN BY THESE PRESENTS,
That the undersigned, being a professional surveyor and mapper, licensed in the State of Florida, does hereby certify that the plat shown herein was prepared under his direction and supervision and that the plat complies with all the survey requirements of Chapter 177, Florida Statutes; that that permanent reference monuments have been placed and permanent control points have been/will be placed as required by Chapter 177, Florida Statutes and that said plat is located in Sections 5 and 8, Township 26 South, Range 31 East of St. Cloud, Florida.

_____
JOHN M. HUGHES, REGISTRATION NO. 6367

HANSON, WALTER & ASSOCIATES, INC.
8 BROADWAY, SUITE 104
KISSIMMEE, FLORIDA 34741
PROFESSIONAL SURVEYING CERTIFICATE OF AUTHORIZATION NO. LB 3270

CERTIFICATE OF APPROVAL BY CITY SURVEYOR

Pursuant to Section 177.081, Florida Statutes, I have reviewed this plat for conformity to Chapter 177, Florida Statutes, and find that said plat complies with the technical requirements of that Chapter; provided, however, that my review does not include verification of any of the coordinates, points or measurements shown on this plat.

Signature _____

Print Name EDWIN MUNOZ JR Registered Florida Professional Surveyor and Mapper representing the City of Saint Cloud, Florida

CERTIFICATE OF APPR… CITY OF ST. C…

THIS IS TO CERTIFY, That on 4/13/202… of the City of Saint Cloud approved the for…

NATHAN BLACKWELL
PRINT NAME

Jay D…
PRINT NAME

MAYOR (SIGNATURE)

CITY CLERK (SIGNATURE)

CERTIFICATE OF COUNTY CLERK

I HEREBY CERTIFY, That I have examined the foregoing plat and find that it complies in form with all the requirements of the Osceola County Land Development Code, and was filed for record on April 17, 2023 at 8:19 AM

File No. 2023044191

KELVIN SOTO, ESQ
Clerk of the Circuit Court in and for Osceola County, Florida

BY: Johanna Valentin Deputy Clerk

Puffin Road Commercial

Osceola County, Florida

Section 10

Appendix A

- **Location Map**
- **USGS Soils Map**
- **FEMA Flood Map**
- **Utility Availability Letter**

Prepared by:
Hanson, Walter & Associates, Inc.
104 Broadway, Suite 104
Kissimmee, FL 34741
(407) 847-9433



GRAPHIC SCALE

100 0 50 100 200

(IN FEET)
1 inch = 100 ft.

THESE DOCUMENTS AND THEIR CONTENT ARE THE PROPERTY OF HANSON, WALTER & ASSOCIATES, INC. AND ARE ISSUED ONLY FOR THE SPECIFIC PROJECT NOTED ON THESE DRAWINGS. ANY REPRODUCTION, REVISION OR MODIFICATION OF THESE DOCUMENTS WITHOUT THE EXPRESSED WRITTEN CONSENT OF HANSON, WALTER & ASSOCIATES, INC. IS PROHIBITED BY LAW.

DESIGN CZ	F.B. NO. –	SEC. 5 & 8			
DRAWN JV	PAGE –	TWP. 26 S			
CHECKED CZ	SCALE AS SHOWN	RANGE 31 E			
CAD# (see stamp)	DATE 7/30/25		DATE	BY	REVISIONS

8 BROADWAY, SUITE 104, KISSIMMEE, FLORIDA 34741-5708
PHONE: (407) 847-9433
ENGINEERING FAX: (321) 442-1045 SURVEY FAX: (407) 847-2499
ENG. CERT. OF AUTHOR. No. 3265/SUR. CERT. OF AUTHOR. No. 3270
ENGINEERING, SURVEYING AND PLANNING
Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

LOCATION MAP

SHEET NO 01 of 01
JOB NO 5450-05

I:\5450-05\ENGINEERING\SFWMD\Exhibit\5450-05 Location Map.dwg • Jul 30, 2025–11:40am • plotted by MWakil



GRAPHIC SCALE

150 0 75 150 300

(IN FEET)
1 inch = 150 ft.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI
22	Myakka fine sand, 0 to 2 percent slopes	13.2
34	Pomello fine sand, 0 to 5 percent slopes	3.0
43	St. Lucie fine sand, 0 to 5 percent slopes	0.4
44	Tavares fine sand, 0 to 5 percent slopes	25.5
Totals for Area of Interest		**42.0**

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DESIGN CZ | F.B. NO. – | SEC. 5 & 8
DRAWN JV | PAGE – | TWP. 26 S
CHECKED CZ | SCALE AS SHOWN | RANGE 31 E
CAD# (see stamp) | DATE 7/30/25

DATE	BY	REVISIONS

8 BROADWAY, SUITE 104, KISSIMMEE, FLORIDA 34741-5708
PHONE: (407) 847-9433
ENGINEERING FAX: (321) 442-1045 SURVEY FAX: (407) 847-2499
ENG. CERT. OF AUTHOR. No. 3265/SUR. CERT. OF AUTHOR. No. 3270
ENGINEERING, SURVEYING AND PLANNING
Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

SOIL MAP

SHEET Nº 01 of 01
JOB Nº 5450-05

I:\5450-05\ENGINEERING\SFWMD\Exhibit\5450-05 USGS Map.dwg • Jul 30, 2025-1:35pm • plotted by MWakil

PROJECT LOCATION



GRAPHIC SCALE

150 0 75 150 300

(IN FEET)
1 inch = 150 ft.

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DESIGN CZ	F.B. NO. –	SEC. 5 & 8			
DRAWN JV	PAGE –	TWP. 26 S			
CHECKED CZ	SCALE AS SHOWN	RANGE 31 E			
CAD# (see stamp)	DATE 7/30/25		DATE	BY	REVISIONS

8 BROADWAY, SUITE 104, KISSIMMEE, FLORIDA 34741-5708
PHONE: (407) 847-9433
ENGINEERING FAX: (321) 442-1045 SURVEY FAX: (407) 847-2499
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ENGINEERING, SURVEYING AND PLANNING
Hanson, Walter & Associates, Inc.

PUFFIN ROAD COMMERCIAL

FEMA MAP

SHEET NO
01 of 01
JOB NO 5450-05

I:\5450-05\ENGINEERING\SFWMD\Exhibit\5450 FEMA Map.dwg • Jul 30, 2025-11:54am • plotted by MWaki

951 Martin Luther King Blvd. Kissimmee, FL 34741
Tel: (407) 944-5000
tohowater.com

July 21, 2025

Toho Request Number: 466

Parcel ID & Address: 05-26-31-0105-0001-0020, 05-26-31-0105-0001-0010 / 0 Puffin Court, St. Cloud

Tohopekaliga Water Authority (Toho) has reviewed your request for a water, reuse and sewer service availability determination and the Parcel ID referenced is within the Toho service area.

Toho staff has determined that Toho has potable water, reuse and sewer capacity with existing facilities and expansions as part of planned improvements contained in its Capital Improvement Plan to serve the referenced project. As noted in the attached document, extension and/or upsizing of infrastructure at the Owner's expense may also be required to serve the property.

Not a Capacity Commitment - The owner/ developer has not yet reserved capacity and this letter does not constitute a reservation of capacity. However, subject to a fully executed Development Service Agreement (DSA), approved construction plans, and Florida Department of Environmental Protection permits, the Executive Director or his designee will ensure public facility capacity is reserved for the development in the amounts stated in the System Development Charge (SDC) Assessment letter and subject to the terms of the DSA, including any conditions associated with planned capital improvements serving the property and payment of SDCs.

Main and Service Line Extensions Responsibility of Owner - Service to the site is the customer's responsibility and may require offsite utility improvements performed by a private contractor hired by the customer. Toho does not typically install main or service extensions, please contact a civil engineer to obtain design and cost information. For projects requiring installation of a main or services for more than three (3) residential units, a hydraulic analysis is required prior to initiating service. The hydraulic analysis is the responsibility of the Owner and could result in required main improvements by the Owner.

Utility Locations are Approximate and Not Guaranteed - Utility locations shown on the attached map are approximate and based upon Toho's available information (i.e. GIS, as-built, record drawings). Toho does not guarantee the accuracy of the information. Toho recommends field verification of utilities by soft dig prior to design. Soft digs should be

performed by a licensed underground utility contractor and coordinated with Toho's inspection team.

Meter Requests - If water and sewer infrastructure is not available, **do not** request a meter set until the installation has been completed.

Limited Time Validity - Please note this letter of availability is only valid for one year from the date of this letter. Should the project not have received Toho approval and reserved capacity by July 21, 2026, they must request a new Letter of Availability from Toho. Toho looks forward to working with you on this project. If you have any questions, please do not hesitate to contact us. More specific infrastructure information is enclosed.

Service in Poinciana and Other Residential Infill Areas – Connection to infrastructure as part of the CIAC program can require significant costs above those normally associated with SDCs and connection fees. Please refer to Toho's website to check applicability for your property.

Questions and Additional Information

- For any Residential questions or extensions in Poinciana, please contact ciacbuilder@tohowater.com
- For all other Residential questions or extensions, please contact Latoya Hanson at lhanson@tohowater.com
- For any Commercial questions or extensions, please contact Ray Biron at rbiron@tohowater.com
- For any inspection requests, please request through Toho's development portal
- If you would like to speak with someone regarding potential fees or System Development Charges, please contact meterfees@tohowater.com or 407-944-5000 and a Toho representative will be happy to assist.

Please be sure to have your address and request number included in your email.

Sincerely,

Assets and Infrastructure
Toho Water Authority

Toho Water Authority

951 Martin Luther King Blvd. Kissimmee, FL 34741
Tel: (407) 944-5000
tohowater.com

WATER

- Water main installed.
- Water service line needs to be installed. Service line must be installed on property line.
- 16" Water main approx. 30’ south of property. This water service will require a tap.
- 8" Water main approx. 30’ south of property. This water service will require a tap.

SEWER

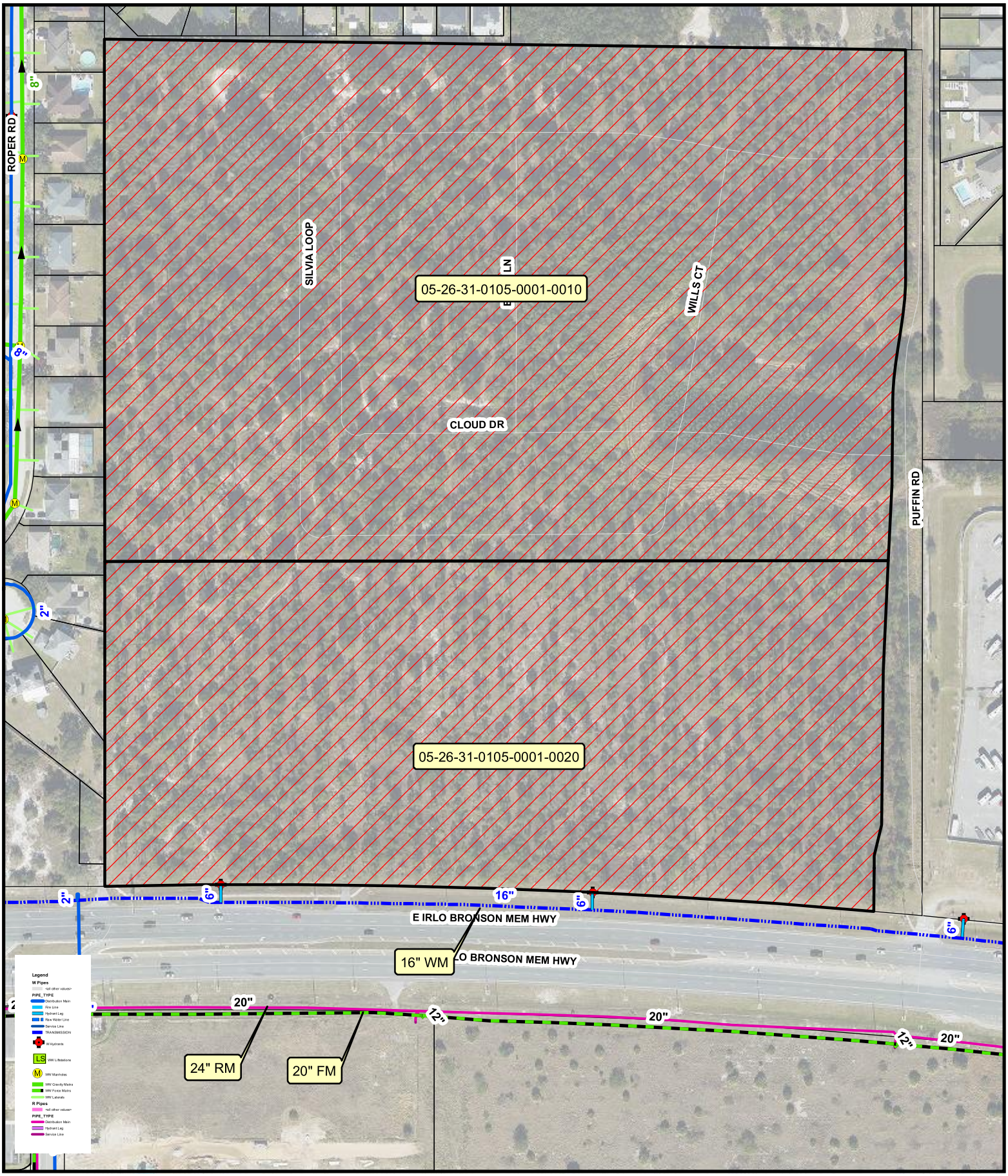
- Gravity main not installed.
- Force main extension required.
- 20" Force main approx. 220’ south of property.

REUSE

- Reuse main extension required.
- 24" Reuse main approx. 200’ south of property.

MISCELLANEOUS/EXCEPTIONS

- Two (2) Fire hydrants approx. 5' south side of property.



N

1 inch = 200 feet

05-26-31-0105-0001-0020
05-26-31-0105-0001-0010

THE TOHOPEKALIGA WATER AUTHORITY MAKES NO WARRANTIES, GUARANTEES OR REPRESENTATIONS AS TO THE TRUTH, ACCURACY, OR COMPLETENESS OF THE DATA ON THIS MAP. THIS IS NOT A SURVEY PRODUCT AND IS A VISUAL REFERENCE TOOL ONLY. The Tohopekaliga Water Authority makes no warranty, express or implied with respect to its ownership of any rights relating to trademarks and trade names described herein. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE FACE HEREOF. Any questions or concerns should be directed to Toho Water Authority, Information Technology (IT) Department at 407-944-5190.

C:\Users\Fsantos\Desktop\Availability Map July.mxd

Toho Water Authority

PROPOSED STATE HIGHWAY ACCESS CONNECTION
NOTICE OF INTENT TO ISSUE PERMIT

Important: This Notice does not authorize construction to begin and is not a final permit.
ALSO NOTE: THIS NOTICE OF INTENT IS ONLY VALID FOR 1 YEAR FROM SIGNING DATE IN PART 6.

PART 1: APPLICANT INFORMATION

APPLICATION NUMBER: 2023-A-594-00013

Project Name: (TO 5-25) Remove western driveway of Rocker Lockers for the extension of Puffin Road to US 192

State Road Name/Number:

Section Number:

Maintenance Office:

Permit Staff Representative

Applicant: Jack Shelton

Responsible Officer:

Mailing Address: 3300 Northeast Expressway, Building 6, Atlanta, Georgia 30341
Street City State Zip

Telephone: (770) 448-7047 ext. 3380

PART 2: NOTICE OF INTENT TO ISSUE PERMIT

YOU ARE HEREBY ADVISED:

The Florida Department of Transportation has completed its review of the subject connection permit Application received 3/21/2023 for consistency with Rule Chapters 14-96 and 14-97, F.A.C., and current Department spacing, location, and design criteria and hereby issues this "Notice of Intent" to:

☐ Issue the subject permit consistent with the permit Application.

☑ Issue the subject permit consistent with the permit Application and subject to the attached provisions.

IMPORTANT

This notice of intent to issue a permit does NOT constitute Department permit issuance. The permit will be issued after the permittee shows proof that a valid local government development approval or development order has been given to the sites served by the connection and special provisions of the approval consistent with the permit applications and conditions previously noted.

No connection work on the right of way shall be initiated until the Department permit is actually issued. Any changes to the site(s) plan will require re-evaluation of the connection(s). This notice is valid for one year, from the date of issuance, and can only be extended with approval by the Department for problems outside the control of the applicant pursuant to Rule Chapter 14-96, F.A.C. This Notice of Intent is transferable as specified only in Rule Chapter 14-96, F.A.C.

Continued next page

PART 3: CONDITIONS

Conditions to be met before Permit will be issued:

Standard:

1. Development approval from the appropriate local government consistent with the Notice of Intent to Permit;
2. Assurance of performance pursuant to Section 334.187, Florida Statutes (if required);
3. Notification of all known right of way users affected by the connection(s);
4. Compliance with drainage requirements in Rule Chapter 14-86, F.A.C.

Other Conditions:

Use additional sheet if necessary

Continued next page

PART 4: NOTICE OF DEPARTMENT AUTHORITY

1. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.

2. **Transportation Control Features and Devices in the State Right of Way**. Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove, or modify any present or future transportation control feature or devices in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.

PART 5: DEPARTMENT CONTACT

NAME: Samir ElHayani

ADDRESS: _____

Orlando, Florida 32837

PHONE: (321) 319-8109 ext. _____

PART 6: SIGNATURE OF DEPARTMENT AUTHORITY

SIGNATURE OF DEPARTMENT OFFICIAL: Samir ElHayani

PRINT OR TYPE NAME: _____

PRINT OR TYPE POSITION: _____

DATE: _____ PHONE: _____

Digitally signed by: Samir ElHayani
DN: CN = Samir ElHayani email = samir.elhayani@dot.state.fl.us C = AD O = FDOT OU = Orlando Operations
Date: 2023.06.15 15:40:31 -04'00'

Continued next page

PART 7: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an adminstrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

End