

# ***THE BLUFFS AT YOUNGS CREEK OVERALL PLUS SECTION 4 INTERIM***

***DRAINAGE REPORT***

***PROJECT NUMBER: 83540***

***PREPARED FOR:***

***WINDSTAR HOMES, LLC***

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*Carmel, Indiana 46033*

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***PREPARED BY:***

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***DATE PREPARED:***

*February 4, 2021*



# DRAINAGE REPORT

BLUFFS AT YOUNGS CREEK

83540

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## TABLE OF CONTENTS

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**ENGINEERING CERTIFICATION**

**CERTIFICATE OF INSURANCE**

**DRAINAGE NARRATIVE**

**EXHIBITS**

**LOCATION MAP**

**FLOODPLAIN MAP**

**SOILS MAP**

**RAINFALL DATA**

**APPENDIX A - EXISTING SITE CONDITIONS CALCULATIONS**

**APPENDIX B - PROPOSED SITE CONDITONS CALCULATIONS**

**APPENDIX C - STORM SEWER DESIGN CALCULATIONS**

**APPENDIX D - WATER QUALITY ANALYSIS**

**APPENDIX E - BASIN MAPS**

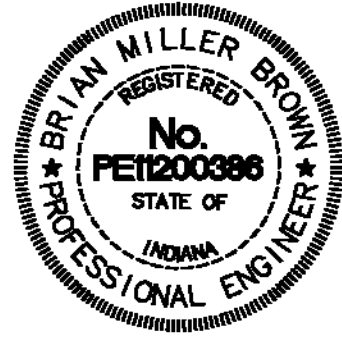
# ENGINEERING CERTIFICATION

BLUFFS AT YOUNGS CREEK

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DRAINAGE REPORT AND ANALYSIS

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A handwritten signature in brown ink, appearing to read "B. M. B.", written over a horizontal line.

Brian M Brown, PE, CFM  
Indiana Registration No. 11200386

I, Brian M Brown, certify that this drainage report and supporting calculations are in compliance with the requirements set forth by the City of Franklin Subdivision Control Ordinance.



STOEAND-01

KEADAMS

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

7/14/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> <b>Conner Insurance Inc.</b> <b>8445 Keystone Crossing</b> <b>Suite 200</b> <b>Indianapolis, IN 46240</b>	<b>CONTACT NAME:</b> <b>PHONE (A/C, No, Ext): (317) 808-7711</b>		<b>FAX (A/C, No):</b>
	<b>E-MAIL ADDRESS:</b>		
<b>INSURED</b>  <b>Stoeppelwerth and Associates, Inc. and Sand Key Properties</b> <b>7965 East 106th Street</b> <b>Fishers, IN 46038</b>	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
	<b>INSURER A : Continental Casualty Company</b>		<b>20443</b>
	<b>INSURER B : National Fire Insurance Company of Hartford</b>		<b>20478</b>
	<b>INSURER C :</b>		
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		
<b>INSURER F :</b>			

## COVERAGES

## CERTIFICATE NUMBER:

## REVISION NUMBER:


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			6079062911	8/1/2020	8/1/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	<b>AUTOMOBILE LIABILITY</b> <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY			BUA6043009424	8/1/2020	8/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUE6079062925	8/1/2020	8/1/2021	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000
A	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A	WC6043009438	8/1/2020	8/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	<b>Commercial Property</b>			6079062911	8/1/2020	8/1/2021	<b>Buildings</b> 2,230,268
A	<b>Prof. Liability</b>			AEH008216301	1/28/2020	1/28/2021	<b>\$2,000,000 agg</b> 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

## CERTIFICATE HOLDER

## CANCELLATION

<b>TO WHOM IT MAY CONCERN</b>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

# DRAINAGE NARRATIVE

## THE BLUFFS AT YOUNGS CREEK, OVERALL INCLUDING SECTION 4 INTERIM WINDSTAR HOMES, LLC.

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### INTRODUCTION

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Windstar Homes, LLC is planning a residential development in the City of Franklin, Johnson County called The Bluffs at Youngs Creek. The site is located on the west side of Nineveh Road and is the remaining 166-acre parcel of the Windstar Subdivision. The site is more specifically located in a part of the Southeast and part of the East Half of the Southwest Quarter of Section 22, also, a part of the Southwest Quarter of Section 23, all in Township 12 North, Range 4 East, Franklin Township, Johnson County, Indiana.

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### EXISTING SITE CONDITIONS

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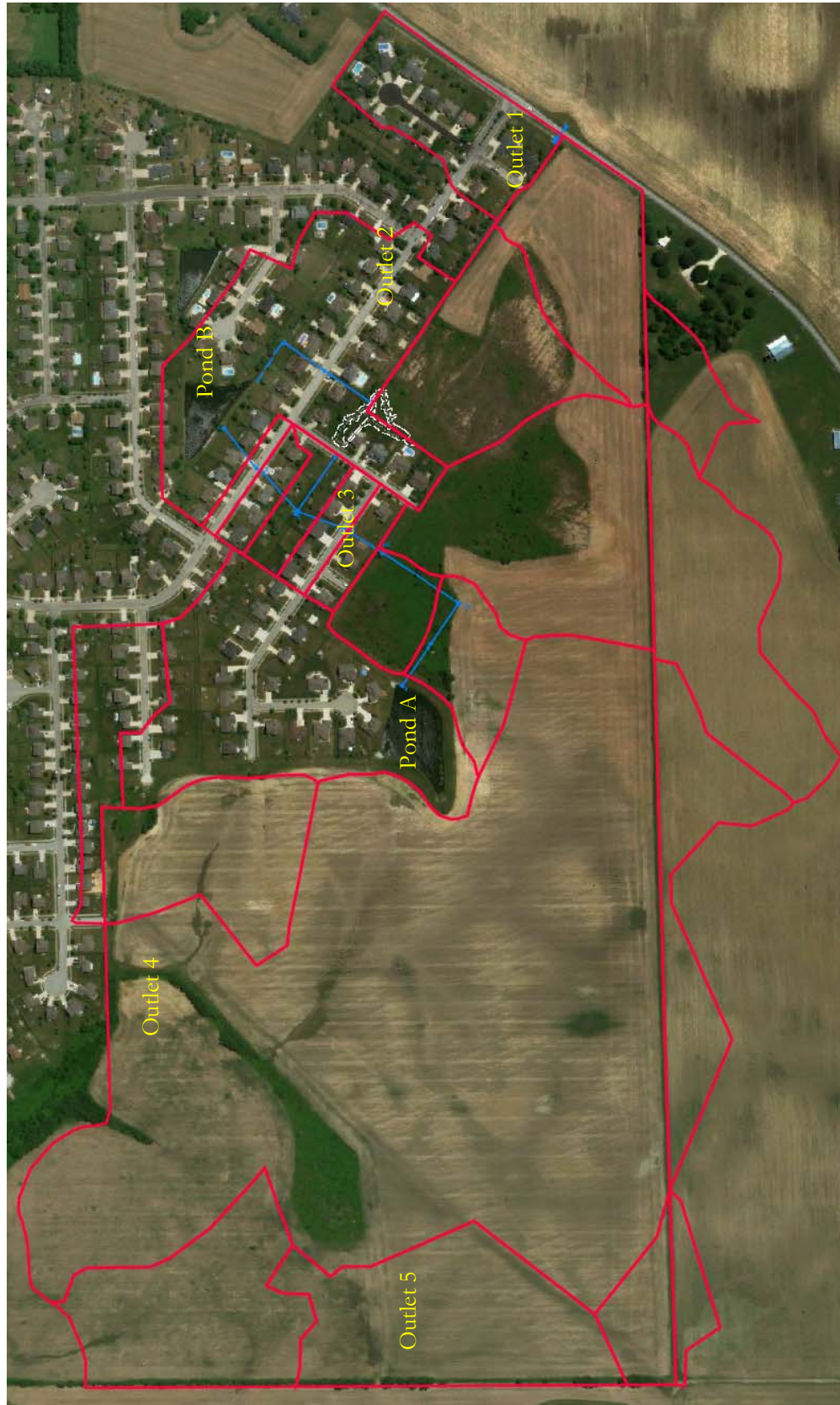
The Bluffs at Youngs Creek development is approximately 166 acres, the majority of which is in the Youngs Creek Drainage Area. The site generally drains south to north toward Youngs Creek, which is approximately 500' north of this site. This site was originally platted as future sections of the Windstar Subdivision. Some of the existing storm infrastructure (pipes and retention ponds) for Windstar will be used for portions of the proposed development. Per the Effective Flood Insurance Rate Maps (FIRM), Panel 18081C0229D with the effective date of 8/2/2007 there is a portion of Future Sections that are impacted by a regulatory floodplain. The delineated floodplain is shown in the Exhibit 2 following the narrative.

Sections 1-2 and a small portion of Section 3 drain to the existing infrastructure of Windstar Subdivision and towards Nineveh Road. The remainder of section 3 is routed through Lake 3. In discussions with City staff, it was relayed that there are existing drainage issues within the Windstar neighborhood. Based on that information a detailed detention analysis was performed on the infrastructure receiving the runoff from the new development. The details of the analysis are below, however, the analysis showed that the current ponds and infrastructure are not designed to handle current flows using current drainage analysis methods. Specifically, the pond at the end of Stardust Ct overflows its bank by more than 2 feet during the 100-year 24-hour event. Appendix A provides the full details, but a detailed summary is below.

The soils of the onsite basins are made up of type B, Brookston / Miami / Fox / Ockley, and type C soils, Crosby, and Whitaker. The soil map and summary are presented in the exhibits.

Figure 1 and the Existing Conditions basin maps show the drainage areas for the whole development prior to development. (Note: This image was taken from the Section 1 Report, Sections 1-3 are now built and considered a part of the existing conditions). For this analysis we have included the offsite area upstream of the site, the offsite area downstream of the site, and the area west of pond A, which is broken down into two outlets, those were all analyzed to determine our release rates and the impact of the project off site. We have identified Pond A as the pond at the end of Scorpio Ct and Pond B as the pond at the end of Stardust Ct. The drainage area of Pond A is 14.32 acres and encompasses the existing residential areas of Windstar and only a minor portion of the area surrounding the pond. The outlet of the pond is a 12" pipe that flows to the southeast to two curb inlets that were intended for a future road. They then continue to a 30" storm sewer system that runs northeast towards Virgo Dr. There are 2 inlets along this storm sewer that take the drainage from the farm field to the south and other onsite undeveloped land. At the existing structure 316 this 30" system begins to take residential drainage and ultimately discharges into Pond B. This system is identified as Outlet #3 on the map. Analysis of this system shows that there is flow from Pond B to Pond A during high flow conditions and creates a reduced flow for the 100-year event during existing conditions over the 10-year event. Pond B exceeds its banks for the 100-year event by 1.2 feet during the 24hr storm. Pond A is 0.2' feet shy of reaching its banks during a 100-year event. In addition, the proximity of Pond A to the residence at 893 Scorpio Ct is approximately 15 feet from the nearest corner of their house to the current edge of pond. Areas west of Pond A flow west and north to Young's Creek.

*Figure 1 - Existing Conditions Basin Layout*



Outlet 4 sheet flows directly to Youngs Creek. Outlet 4 contains the flow from the large basin west of pond A and the smaller basin northwest of pond A, as well as the area directly north of the pond A drainage area. The drainage area directly north of the pond A area, channelizes behind the houses until it converges into Youngs Creek.

Outlet 5 contains the four basins west of the large drainage area of Outlet 4. Outlet 5 sheet flows to a tributary of Youngs Creek for the existing condition.

<b>Table 1 – Existing Site Conditions – Basin Flow (cfs)</b>				
<b>STORM</b>	<b>DRAINAGE AREA (acres)</b>	<b>2-YEAR</b>	<b>10-YEAR</b>	<b>100-YEAR</b>
Outlet 4	98.11	141.48 (24hr)	273.19 (12hr)	559.57 (6hr)
Outlet 5	24.59	20.39 (24hr)	35.94 (12hr)	66.58 (6hr)

Existing peak discharges are based on TR-55 methodology. A basin analysis was performed using the 2, 10 and 100-year storm events and their corresponding 1, 2, 3, 6, 12 and 24-hour rainfall depths. The NRCS Type II rainfall distribution was used to generate the hydrographs.

Based on Table 1, the allowable release rates for each of those outlets is provided in Table 2 in accordance with the City of Franklin Subdivision Control Ordinance, Article 6.19.C.3, and identified as controlling the 10 year post construction flows to the predeveloped 2 year flows and the post developed 100 year flows to the pre developed 10 year flows.

<b>Table 2 – Allowable Release Rates (cfs)</b>		
<b>STORM</b>	<b>10-YEAR</b>	<b>100-YEAR</b>
Outlet 4	141.48	273.19

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#### **PROPOSED SITE CONDITIONS**

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Windstar Homes, LLC is proposing a multi section residential development that will be 166 acres. This report is for Section 4 which will be for 100 lots, numbered 192-255, and encompasses approximately 54 acres. This section will discharge to Youngs Creek with some rear yards draining to existing infrastructure.

Section 4 Interim will include Section 4/ Lake 4. This assumes Section 3 is done and is considered existing conditions. Section 4 includes both the basin south of Section 4 and west of Section 3. This area will be considered “offsite”, this is done to make sure Lake 4 will be able to handle the full build out of Bluffs at Youngs Creek. During these conditions, that basin will drain to outlet 5. Outlet 5 ultimately drains to Lake 4.

Outlet 4 contains the flows from Lake 2 and 4. These ponds are interconnected but ultimately drain North to Outlet 4. This outlet will handle all the flow west of Pond A.



<b>Table 3 – Proposed Site Conditions – Basin Flow (cfs) (S4 Interim)</b>				
<b>STORM</b>	<b>DRAINAGE AREA (acres)</b>	<b>2-YEAR</b>	<b>10-YEAR</b>	<b>100-YEAR</b>
Outlet 4 (North)	54	21.92 (24hr)	38.01 (24hr)	49.11 (24hr)

<b>Table 4 – Proposed Site Conditions – Basin Flow (cfs) (Overall)</b>				
<b>STORM</b>	<b>DRAINAGE AREA (acres)</b>	<b>2-YEAR</b>	<b>10-YEAR</b>	<b>100-YEAR</b>
Outlet 4 (North)	127.64	16.51 (24hr)	35.68 (24hr)	49.59 (24hr)

<b>Table 5 – Lake 4 Data (Section 4 Interim)</b>		
<b>STORM</b>	<b>Discharge (cfs)</b>	<b>Elevation (ft)</b>
2 Year (24hr)	21.89	731.10
10 Year (24hr)	38.01	731.76
100 Year (24hr)	49.09	732.81

<b>Table 6 – Lake 4 Data (Overall)</b>		
<b>STORM</b>	<b>Discharge (cfs)</b>	<b>Elevation (ft)</b>
2 Year (24hr)	16.51	730.86
10 Year (24hr)	35.69	731.67
100 Year (24hr)	49.59	732.92

The proposed peak discharges are based on TR-55 methodology. A detention analysis was performed using the 2, 10 and 100-year storm events and their corresponding 1, 2, 3, 6, 12, and 24-hour rainfall depths. The requisite Huff rainfall distributions were used to generate the hydrographs based on the storm duration. Appendix B provides the detailed information to support the summarized information provided above.

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#### **STORM SEWER DESIGN**

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The use of Manning's equation was used for determination of storm drainpipe sizes for non-submerged conditions. The storm drain system is capable of passing the 10-year storm event with free water surface elevations below the crown of pipe. Minimum storm drain flowing velocity for full pipe flow shall be 2.5 fps and maximum storm drain flowing velocity for full pipe flow is 15 fps. The pipe system for Sections 4 meet that criteria.

The Section 4 interim conditions for the storm sewer system include stubbing out any structure on the southern edge of section 4. This enables the remainder of the pipes, not included in the section 4 interim/future conditions, to be able to connect to the already placed structures. This includes all structures besides STR 553. This structure will be stubbed out and an end section will be placed to take in the water from the offsite basin. The area around this structure may need to be graded to pond water to not surcharge the system, since taking the water in at that location is a temporary condition.

The inlet grate castings are designed such that the 10-year storm event shall be sufficiently conveyed into the storm sewer system at 50% efficiency.

The inlets are spaced to allow one lane of traffic to remain open during the 10-year storm event. Given the site constraints, there are several locations where multiples of double curb inlets were needed to capture the street flow and maintain the clear lane width during a 50% clogged situation. Appendix C provides the detailed information to support the pipe and gutter designs.

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#### WATER QUALITY

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The City of Franklin requires that all paved area be detained in a pond and the water quality volume of 20% of the larger of 1/2" direct runoff or runoff from the 1 1/4" 24 hr. rainfall event. For example, Lake 4 has 54 acres of drainage area, is approximately 98391.15 ft<sup>3</sup> of water for the 1/2" of direct runoff and 4702 ft<sup>3</sup> of water for the runoff from the 1 1/4" event. Therefore, the 1/2" of direct runoff controls. That volume must be maintained for 24 hours past the peak runoff through the pond. Given the pond design, that volume must be maintained above elevation 729 for more than 24 hrs. after the peak. Table 5 provides the summary of those water quality volumes and times. Appendix D provides the necessary backup information to support the summarized information in this report for all Lakes.

<b>Table 7 – Water Quality Summary – Lake 4 (Interim Conditions)</b>			
<b>Peak of Lake Discharge</b>			
	<b>2 yr.</b>	<b>10 yr.</b>	<b>100 yr.</b>
<b>Time (hr.)</b>	13.11	13.21	13.07
<b>Elev (ft)</b>	731.10	731.76	732.81
<b>Time to WQv</b>			
	<b>2 yr.</b>	<b>10 yr.</b>	<b>100 yr.</b>
<b>Time (hr.)</b>	37.11	37.21	37.07
	>24 hr.	>24 hr.	>24 hr.
<b>Elev (ft)</b>	729.94	730.05	730.13

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## **CONCLUSION**

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The Bluffs at Youngs Creek is a multi-section subdivision planned for the City of Franklin and located off Nineveh Road. Based on the results provided in this report, Sections 4, and the overall development, will not have a negative impact on the surrounding community and will improve the off-site conditions with regards to drainage runoff entering those systems.

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## **REFERENCES**

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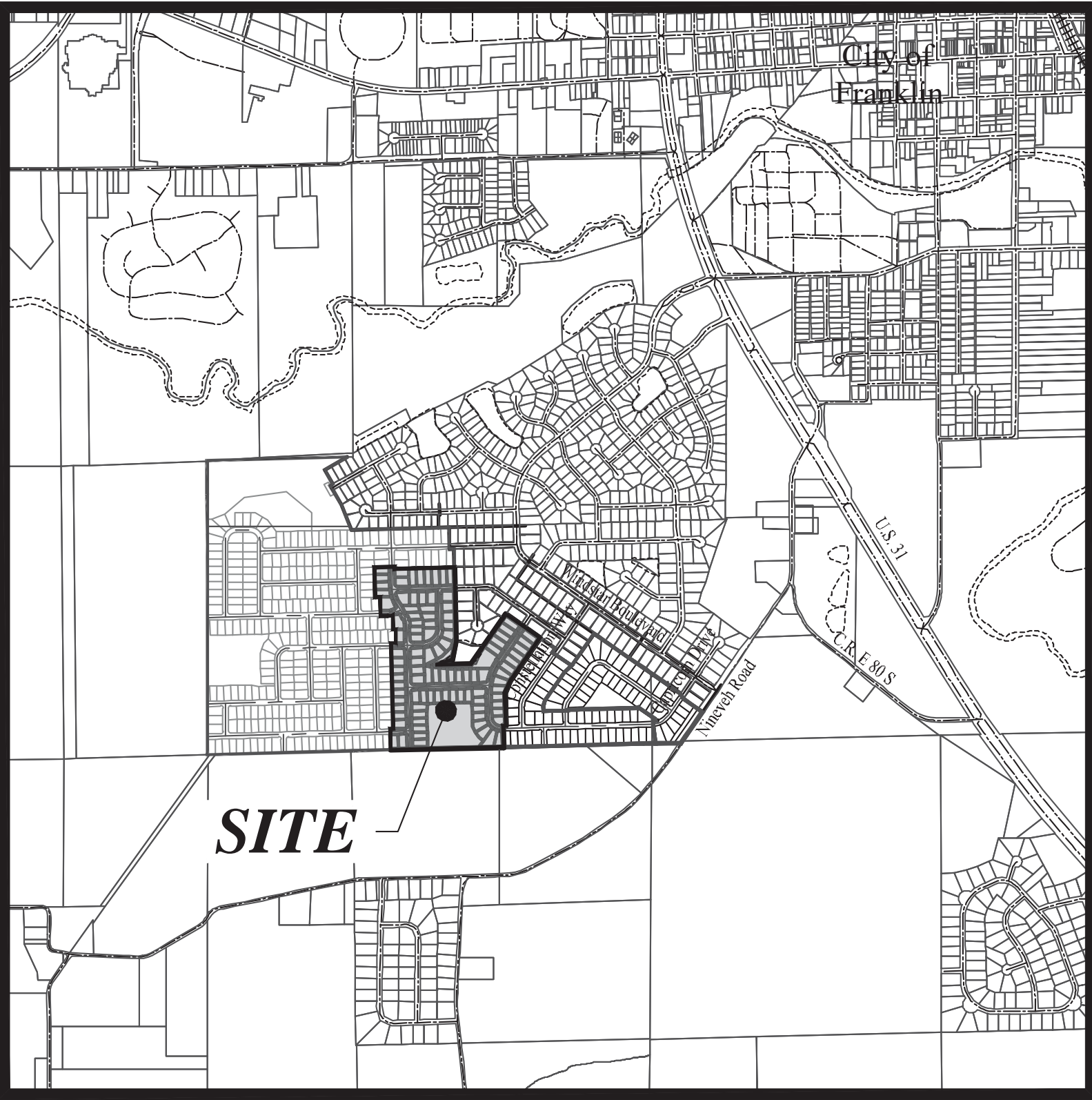
Design and data methods are based on the following references:

1. City of Franklin Subdivision Control Ordinance
2. HERPICC Stormwater Drainage Manual
3. USDA – Urban Hydrology for Small Watersheds
4. USDA – Soil Conservation Service



# EXHIBITS





# LOCATION MAP

SCALE: 1" = 2,000'

# National Flood Hazard Layer FIRMette



86°4'20"W 39°28'7"N

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

Without Base Flood Elevation (BFE)  
*Zone A, V, A99*

With BFE or Depth *Zone AE, AO, AH, VE, AR*

Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*

Future Conditions 1% Annual Chance Flood Hazard *Zone X*

Area with Reduced Flood Risk due to Levee, See Notes, *Zone X*

Area with Flood Risk due to Levee *Zone D*

NO SCREEN

Area of Minimal Flood Hazard *Zone X*

Effective LOMR

Area of Undetermined Flood Hazard *Zone D*

Channel, Culvert, or Storm Sewer

Levee, Dike, or Floodwall

20.2

17.5

Cross Sections with 1% Annual Chance Water Surface Elevation

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

Digital Data Available

No Digital Data Available

Unmapped

SPECIAL FLOOD HAZARD AREAS

OTHER AREAS OF FLOOD HAZARD

OTHER AREAS

GENERAL STRUCTURES

OTHER FEATURES

MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **8/5/2020 at 3:19 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

02/04/2021  
Page 13 of 744

USGS The National Map: Orthoimagery. Data refreshed April 2020

86°3'43"W 39°27'39"N

Feet 0 250 500 1,000 1,500 2,000 1:6,000



# National Flood Hazard Layer FIRMette

86°4'49"W 39°28'14"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

**SPECIAL FLOOD HAZARD AREAS**

- Without Base Flood Elevation (BFE)  
Zone A, V, A99
- With BFE or Depth  
Zone AE, AO, AH, VE, AR
- Regulatory Floodway

0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile  
Zone X

Future Conditions 1% Annual Chance Flood Hazard  
Zone X

Area with Reduced Flood Risk due to Levee. See Notes.  
Zone X

Area with Flood Risk due to Levee  
Zone D

**OTHER AREAS OF FLOOD HAZARD**

NO SCREEN  
Area of Minimal Flood Hazard  
Zone X

Effective LOMRs  
Area of Undetermined Flood Hazard  
Zone D

**OTHER AREAS**

**GENERAL STRUCTURES**

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

Cross Sections with 1% Annual Chance Water Surface Elevation  
20.2  
17.5

Coastal Transect

Base Flood Elevation Line (BFE)

Limit of Study

Jurisdiction Boundary

Coastal Transect Baseline

Profile Baseline

Hydrographic Feature

**OTHER FEATURES**

Digital Data Available  
No Digital Data Available  
Unmapped

**MAP PANELS**



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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USGS The National Map: Orthoimagery. Data not shown. April 2000.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

86°4'11"W 39°27'46"N



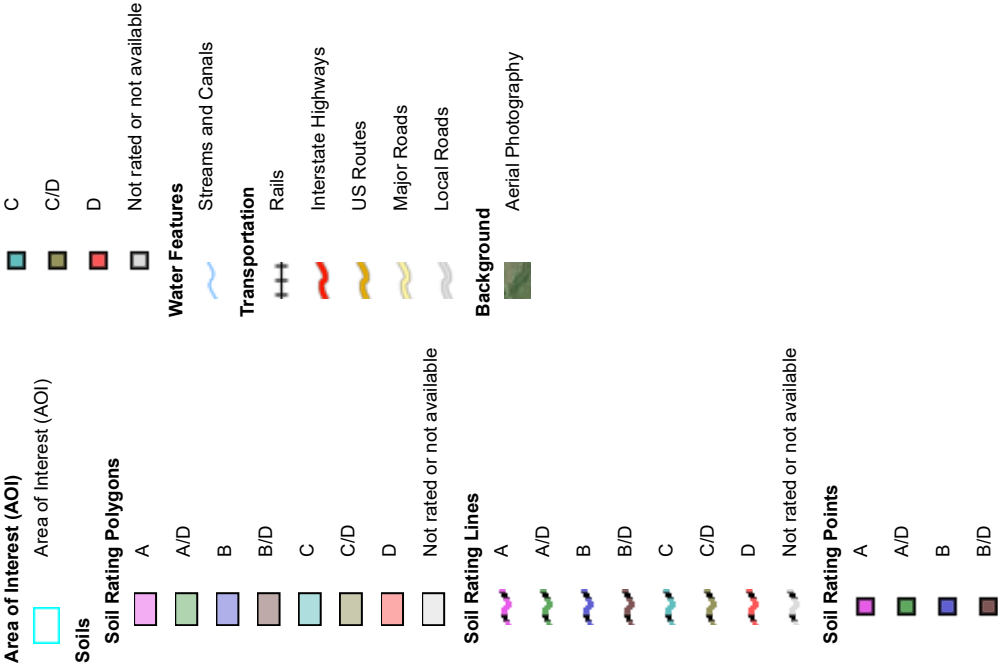
Soil Map may not be valid at this scale.

Map Scale: 1:7,650 if printed on A landscape (11" x 8.5") sheet.



Web Soil Survey  
National Cooperative Soil Survey

MAP LEGEND



MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

**Warning:** Soil Map may not be valid at this scale.  
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Johnson County, Indiana  
Survey Area Data: Version 28, Jun 4, 2020  
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Sep 24, 2014—Mar 20, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Hydrologic Soil Group

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Br	Brookston silty clay loam, 0 to 2 percent slopes	B/D	36.3	21.7%
CrA	Crosby silt loam, fine-loamy subsoil, 0 to 2 percent slopes	C/D	44.8	26.9%
CsB2	Crosby-Miami silt loams, 2 to 4 percent slopes, eroded	C/D	16.2	9.7%
FxC2	Fox complex, 6 to 12 percent slopes, eroded	B	16.2	9.7%
MnC2	Miami silt loam, 6 to 12 percent slopes, eroded	C	11.7	7.0%
MtC3	Miami clay loam, 6 to 12 percent slopes, severely eroded	C	0.4	0.3%
ObaA	Ockley loam, 0 to 2 percent slopes	B	0.1	0.0%
OcB2	Ockley loam, 2 to 6 percent slopes, eroded	B	11.8	7.1%
Sh	Shoals silt loam	B/D	1.0	0.6%
Sn	Sloan clay loam	B/D	6.8	4.1%
Wh	Whitaker silt loam, 0 to 2 percent slopes	B/D	11.9	7.2%
YbvA	Brookston silty clay loam-Urban land complex, 0 to 2 percent slopes	B/D	3.1	1.9%
YclA	Crosby silt loam, fine-loamy subsoil-Urban land complex, 0 to 2 percent slopes	C/D	3.9	2.3%
YfhC2	Fox-Urban land complex, 6 to 12 percent slopes, eroded	B	0.1	0.0%
YmdC3	Miami clay loam-Urban land complex, 6 to 12 percent slopes, severely eroded	C	0.2	0.1%
YobA	Ockley loam-Urban land complex, 0 to 2 percent slopes	B	1.4	0.8%

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
YobB2	Ockley loam-Urban land complex, 2 to 6 percent slopes, eroded	B	0.2	0.1%
YwtA	Whitaker-Urban land complex, 0 to 2 percent slopes	B/D	0.7	0.4%
<b>Totals for Area of Interest</b>			<b>166.8</b>	<b>100.0%</b>

## Description

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

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

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

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

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

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

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

## Rating Options

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher

**APPENDIX A**  
**EXISTING SITE CONDITIONS**  
**CALCULATIONS**





# Bluffs at Youngs Creek Section 3

Job #83540

C Numbers

Pre-Developed ICPR

Outlet 4 - South Offsite		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	4.14	339
Total =			4.14	339

Outlet 4 - North Onsite		CN = 81		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	7.49	614
C	Open Space (Good)	74	0.87	64
Total =			8.36	679

Outlet 4 - Main Onsite		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	80.95	6638
Total =			80.95	6638

Existing Lake A		CN = 83		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Residential 1/3 ac	81	12.59	1020
C	Row Crops (Good)	82	1.78	146
C	Impervious	100	1.32	132
Total =			15.70	1298

Outlet 4 - North Offsite		CN = 81		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Residential 1/3 ac	81	4.66	377
Total =			4.66	377

Outlet 5 - Bas 2 On		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	11.96	981
Total =			11.96	981

Outlet 5 - Bas 1 On		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	10.05	824
Total =			10.05	824

YI-Ex317		CN = 76		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	0.53	44
B	Row Crops (Good)	75	3.18	238
Total =			3.71	282

Outlet 5 - Bas 3 On		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	2.58	212
Total =			2.58	212

YI-Ex316		CN = 76		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
B	Row Crops (Good)	75	2.30	172
C	Row Crops (Good)	82	0.38	31
Total =			2.68	204

\*Onsite Curve Number adjusted to the next less infiltrating capacity category per ordinance.

**C Numbers**  
**Pre-Developed ICPR**

Ex-Northwest		CN = 76		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	3.88	318
B	Row Crops (Good)	75	23.25	1744
Total =			27.13	2062

CI-Ex-05		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.38	113
Total =			1.38	113

Ex. Basin North		CN = 76		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.22	100
B	Row Crops (Good)	75	8.60	645
Total =			9.81	744

CI-Ex-04		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.33	109
Total =			1.33	109

Ex. Basin East		CN = 76		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.43	118
B	Row Crops (Good)	75	8.60	645
Total =			10.03	762

CI-Ex-03		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.81	148
Total =			1.81	148

Capricorn Ct Basin		CN = 86		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
D	Residential 1/3 ac	86	6.33	544
Total =			6.33	544

CI-Ex-02		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	1.27	104
Total =			1.27	104

Pond B Basin		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	16.45	1349
Total =			16.45	1349

CI-Ex-01		CN = 82		
Soil Group	Cover Description (cover type, treatment, and hydrologic condition)	CN	Area (Ac.)	CN * Area
C	Row Crops (Good)	82	0.68	56
Total =			0.68	56

\*Onsite Curve Number adjusted to the next less infiltrating capacity category per ordinance.

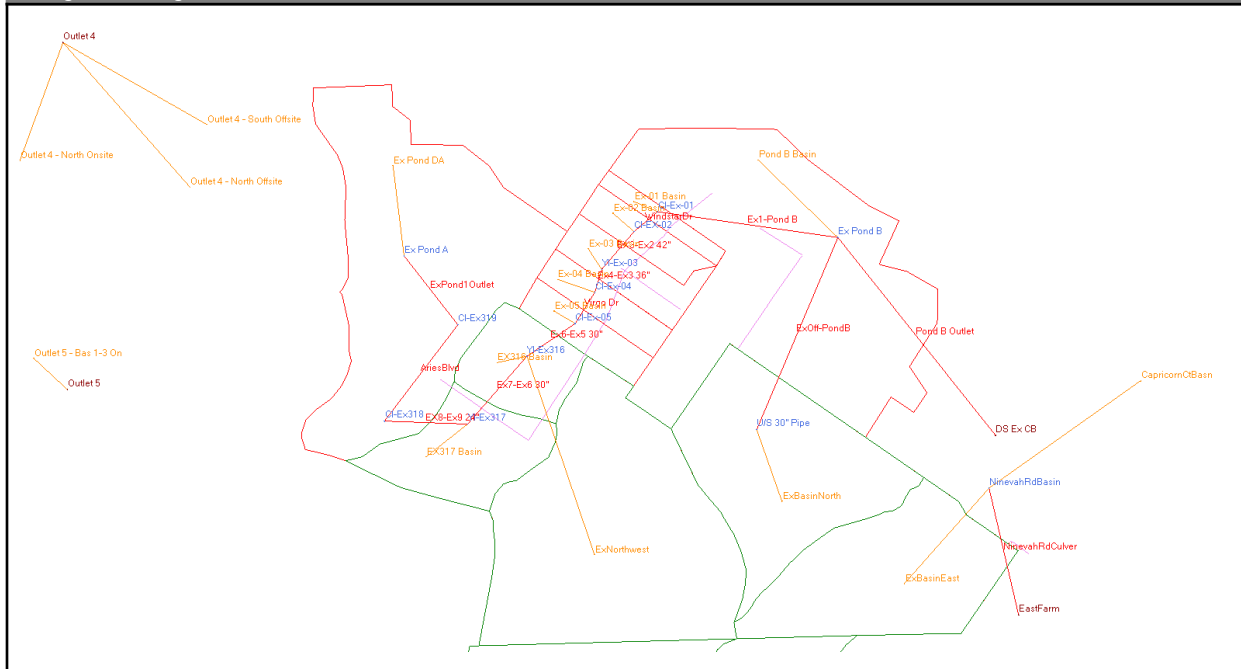
# Bluffs at Youngs Creek Section 3

Job #83540

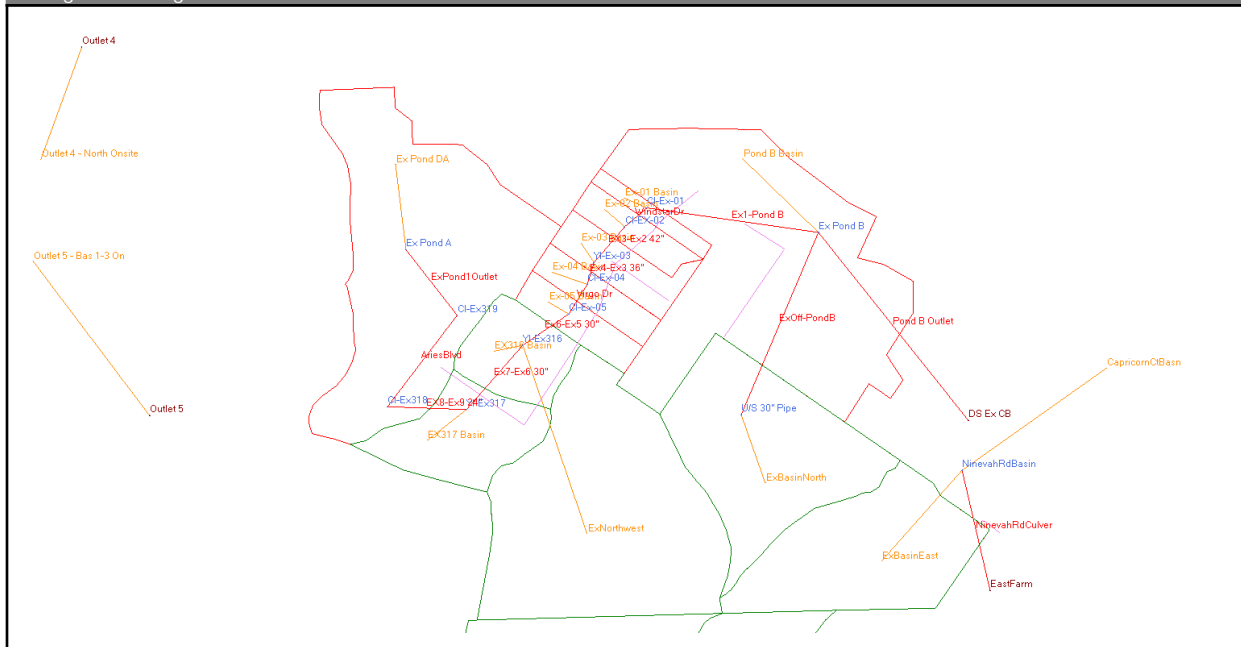
Time of Concentrations  
Pre-Developed ICPR

Basin	Sheet Flow				$T_r = .007(nL)^{.8} / (P_2^{.48} S^{.48})$ (hrs)	Shallow Concentrated Flow				Channel / Pipe Flow			Total ToC				
	Description	n =	L = (ft)	P <sub>2</sub> = (in)		s = (ft/ft)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	Description	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	T <sub>c</sub> (total) (min)	
YI-Ex317	Fallow (no residue)	0.05	100	2.93	0.01	0.0935	Paved	0.01	2.03	648	0.0885	Channel	3.00		0.0000	0.1821	10.9
	Short Grass Prairie	0.15	100	2.93	0.025	0.1561	Paved	0.025	3.21	429	0.0371	Pipe Flow	2.50		0.0000	0.1932	11.6
	Dense Underbrush	0.8	100	2.93	0.03	0.5537	Paved	0.03	3.52	1948	0.1537	Channel	3.00		0.0000	0.7074	42.4
	Pavement	0.011	100	2.93	0.035	0.0169	Paved	0.035	3.80	1098	0.0802	Pipe Flow	2.50		0.0000	0.0971	5.8
	Bermuda Grass	0.41	100	2.93	0.015	0.4280	Paved	0.015	2.49	977	0.1090	Channel	3.00		0.0000	0.5370	32.2
	Residue Cover <= 20%	0.06	100	2.93	0.01	0.1082	Unpaved	0.03254	2.91	559.27	0.0534	Channel	3.00		0.0000	0.1616	9.7
	Residue Cover <= 20%	0.06	100	2.93	0.014	0.0946	Unpaved	0.00974	1.59	2134.66	0.3723	Channel	3.00	717	0.0664	0.5333	32.0
	Residue Cover <= 20%	0.06	100	2.93	0.03	0.0697	Unpaved	0.00783	1.43	881.07	0.1714	Channel	3.00		0.0000	0.2411	14.5
	Dense Grasses	0.24	100	2.93	0.007	0.3783	Unpaved	0.00356	0.96	561.44	0.1620	Channel	3.00		0.0000	0.5402	32.4
	Dense Grasses	0.24	100	2.93	0.04	0.1884	Unpaved	0.00101	0.51	890.36	0.4821	Channel	3.00		0.0000	0.6705	40.2
YI-Ex316	Residue Cover <= 20%	0.06	100	2.93	0.001	0.2718	Unpaved	0.00049	0.36	613.4	0.4775	Channel	3.00		0.0000	0.7493	45.0
	Residue Cover <= 20%	0.06	100	2.93	0.012	0.1006	Unpaved	0.00158	0.64	570.45	0.2473	Channel	3.00		0.0000	0.3478	20.9
	Residue Cover <= 20%	0.06	100	2.93	0.014	0.0946	Unpaved	0.01027	1.64	652.23	0.1108	Channel	3.00		0.0000	0.2054	12.3
	Dense Grasses	0.24	100	2.93	0.01	0.3280	Paved	0.00228	0.97	306.52	0.0876	Pipe Flow	2.50		0.0000	0.4156	24.9
	Dense Grasses	0.24	100	2.93	0.004	0.4732	Paved	0.00355	1.21	281.41	0.0645	Pipe Flow	2.50		0.0000	0.5377	32.3
	Dense Grasses	0.24	100	2.93	0.03	0.2713	Unpaved	0.00139	0.60	215.49	0.0994	Pipe Flow	2.50		0.0000	0.3108	18.6
	Dense Grasses	0.24	100	2.93	0.008	0.3586	Paved	0.0045	1.36	311.1	0.0634	Pipe Flow	2.50		0.0000	0.4220	25.3
	Dense Grasses	0.24	100	2.93	0.009	0.3421	Paved	0.00568	1.53	228.81	0.0415	Pipe Flow	2.50		0.0000	0.3836	23.0
	CI-Ex-05																
	CI-Ex-04																
YI-Ex-03																	
CI-Ex-02																	
CI-Ex-01																	

Background Image: CAPTURE 1



Background Image: CAPTURE 2 - Onsite



## Simple Basin: CapricornCtBasn

Scenario: Existing Section 3 Offsite  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 6.3300 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: EX316 Basin

Scenario: Existing Section 3 Offsite  
Node: YI-Ex316  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.2000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.6800 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: EX317 Basin

Scenario: Existing Section 3 Offsite  
Node: YI-Ex317  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.1000 min  
Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.7100 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: Ex Pond DA

Scenario: Existing Section 3 Offsite  
Node: Ex Pond A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 14.3200 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: Ex-01 Basin

Scenario: Existing Section 3 Offsite  
Node: CI-Ex-01  
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: UH484  
Peaking Factor: 484.0  
Area: 0.6800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-02 Basin

Scenario: Existing Section 3 Offsite  
Node: CI-EX-02  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.3000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.2700 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-03 Basin

Scenario: Existing Section 3 Offsite  
Node: YI-Ex-03  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.6000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8100 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-04 Basin

Scenario: Existing Section 3 Offsite  
Node: CI-Ex-04  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.3000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3300 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-05 Basin

Scenario: Existing Section 3 Offsite  
Node: CI-Ex-05  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 24.9000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: ExBasinEast

Scenario: Existing Section 3 Offsite  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 28.7000 min  
Max Allowable Q: 999999.00 cfs



Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 10.0300 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: ExBasinNorth

Scenario: Existing Section 3 Offsite  
Node: U/S 30" Pipe  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 24.2000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 8.5100 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: ExNorthwest

Scenario: Existing Section 3 Offsite  
Node: Y1-Ex316  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 29.4000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 27.1300 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Outlet 4 - North Offsite

Scenario: Existing Section 3 Offsite  
Node: Outlet 4  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 40.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 4.6600 ac  
Curve Number: 81.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Outlet 4 - North Onsite

Scenario: Existing Section 3 Offsite  
Node: Outlet 4  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 89.2900 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Outlet 4 - South Offsite

Scenario: Existing Section 3 Offsite  
 Node: Outlet 4  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 9.7000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 4.1400 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Outlet 5 - Bas 1-3 On

Scenario: Existing Section 3 Offsite  
 Node: Outlet 5  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 45.0000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: Uh484  
 Peaking Factor: 484.0  
 Area: 24.5900 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Pond B Basin

Scenario: Existing Section 3 Offsite  
 Node: Ex Pond B  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 36.0000 min  
 Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 16.4500 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: CapricornCtBasn

Scenario: Existing Section 3 Onsite  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 6.3300 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: EX316 Basin

Scenario: Existing Section 3 Onsite  
Node: YI-Ex316  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.2000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.6800 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: EX317 Basin

Scenario: Existing Section 3 Onsite  
Node: Y1-Ex317  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.1000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.7100 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex Pond DA

Scenario: Existing Section 3 Onsite  
Node: Ex Pond A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.4000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 15.7000 ac  
Curve Number: 83.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-01 Basin

Scenario: Existing Section 3 Onsite  
 Node: CI-Ex-01  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 8.0000 min  
 Max Allowable Q: 999999.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 0.6800 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Ex-02 Basin

Scenario: Existing Section 3 Onsite  
 Node: CI-EX-02  
 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: UH484  
 Peaking Factor: 484.0  
 Area: 1.2700 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Ex-03 Basin

Scenario: Existing Section 3 Onsite  
 Node: YI-Ex-03  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 16.0000 min  
 Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8100 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: Ex-04 Basin

Scenario: Existing Section 3 Onsite  
Node: CI-Ex-04  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 8.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3300 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: Ex-05 Basin

Scenario: Existing Section 3 Onsite  
Node: CI-Ex-05  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 8.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: ExBasinEast

Scenario: Existing Section 3 Onsite  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 28.7000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 10.0300 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: ExBasinNorth

Scenario: Existing Section 3 Onsite  
Node: U/S 30" Pipe  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 24.2000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 8.5100 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:



## Simple Basin: ExNorthwest

Scenario: Existing Section 3 Onsite  
 Node: YI-Ex316  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 29.4000 min  
 Max Allowable Q: 999999.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: Uh484  
 Peaking Factor: 484.0  
 Area: 27.1300 ac  
 Curve Number: 76.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Outlet 4 - North Onsite

Scenario: Existing Section 3 Onsite  
 Node: Outlet 4  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 14.5000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: Uh484  
 Peaking Factor: 484.0  
 Area: 89.3100 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Simple Basin: Outlet 5 - Bas 1-3 On

Scenario: Existing Section 3 Onsite  
 Node: Outlet 5  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 45.0000 min  
 Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
 Unit Hydrograph: Uh484  
 Peaking Factor: 484.0  
 Area: 24.6000 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

#### Simple Basin: Pond B Basin

Scenario: Existing Section 3 Onsite  
 Node: Ex Pond B  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 36.0000 min  
 Max Allowable Q: 999999.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 16.4500 ac  
 Curve Number: 82.0  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

Pipe Link: AriesBlvd	Upstream	Downstream
Scenario: Existing Section 3	Invert: 734.50 ft	Invert: 734.47 ft
Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node: CI-Ex319	Geometry: Circular	Geometry: Circular
To Node: CI-Ex318	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
Damping: 0.0000 ft	Op Table:	Op Table:
Length: 29.00 ft	Ref Node:	Ref Node:
FHWA Code: 1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef: 0.20	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 ft	Ref Node:	Ref Node:

Energy Switch:	Energy	Manning's N:	0.0130	Manning's N:	0.0130
Comment:					

Pipe Link: EX3-Ex2 42"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.34 ft	Invert: 732.91 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	YI-Ex-03	Geometry: Circular	Geometry: Circular
To Node:	CI-EX-02	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	184.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX8-Ex9 24"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.47 ft	Invert: 734.01 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex318	Geometry: Circular	Geometry: Circular
To Node:	YI-Ex317	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
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	175.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex1-Pond B		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.95 ft	Invert: 732.75 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex-01	Geometry: Circular	Geometry: Circular
To Node:	Ex Pond B	Max Depth: 3.50 ft	Max Depth: 3.50 ft

Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000	Op Table:	Op Table:
Length:	189.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex4-Ex3 36"	Upstream	Downstream
Scenario: Existing Section 3	Invert: 733.37 ft	Invert: 733.34 ft
Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node: CI-Ex-04	Geometry: Circular	Geometry: Circular
To Node: YI-Ex-03	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Link Count: 1	Bottom Clip	
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000	Op Table:	Op Table:
Length: 185.00 ft	Ref Node:	Ref Node:
FHWA Code: 1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef: 0.20	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 ft	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:		

Pipe Link: Ex6-Ex5 30"	Upstream	Downstream
Scenario: Existing Section 3	Invert: 733.55 ft	Invert: 733.40 ft
Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node: YI-Ex316	Geometry: Circular	Geometry: Circular
To Node: CI-Ex-05	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count: 1	Bottom Clip	
Flow Direction: Both	Default: 0.00 ft	Default: 0.00 ft
Damping: 0.0000	Op Table:	Op Table:
Length: 135.00 ft	Ref Node:	Ref Node:
FHWA Code: 1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef: 0.20	Top Clip	
Exit Loss Coef: 0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef: 0.00	Op Table:	Op Table:
Bend Location: 0.00 ft	Ref Node:	Ref Node:
Energy Switch: Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:		

Pipe Link: Ex7-Ex6 30"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.01 ft	Invert: 733.55 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	YI-Ex317	Geometry: Circular	Geometry: Circular
To Node:	YI-Ex316	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	333.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExOff-PondB		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 736.00 ft	Invert: 732.50 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	U/S 30" Pipe	Geometry: Circular	Geometry: Circular
To Node:	Ex Pond B	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	413.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExPond1Outlet		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.60 ft	Invert: 734.50 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	Ex Pond A	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex319	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	167.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	

Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 ft	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0130	Manning's N:	0.0130
Comment:					

Pipe Link: NinevahRdCulver		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 738.30 ft	Invert: 736.80 ft
	Offsite	Manning's N: 0.0250	Manning's N: 0.0250
From Node:	NinevahRdBasin	Geometry: Horizontal Ellipse	Geometry: Horizontal Ellipse
To Node:	EastFarm	Max Depth: 2.42 ft	Max Depth: 2.42 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	78.00 ft	Ref Node:	Ref Node:
FHWA Code:	30	Manning's N: 0.0250	Manning's N: 0.0250
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0250	Manning's N: 0.0250
Comment:			

Pipe Link: Pond B Outlet		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.77 ft	Invert: 730.91 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	Ex Pond B	Geometry: Circular	Geometry: Circular
To Node:	DS Ex CB	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
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	167.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Virgo Dr		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.40 ft	Invert: 733.37 ft

	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex-05	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex-04	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	29.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: WindstarDr		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.91 ft	Invert: 732.95 ft
	Offsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-EX-02	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex-01	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	36.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: AriesBlvd		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.50 ft	Invert: 734.47 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex319	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex318	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
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	29.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:

Bend Location:	0.00 ft	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0130	Manning's N:	0.0130
Comment:					

Pipe Link: EX3-Ex2 42"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.34 ft	Invert: 732.91 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	YI-Ex-03	Geometry: Circular	Geometry: Circular
To Node:	CI-EX-02	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	184.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX8-Ex9 24"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.47 ft	Invert: 734.01 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex318	Geometry: Circular	Geometry: Circular
To Node:	YI-Ex317	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
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	175.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex1-Pond B		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.95 ft	Invert: 732.75 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex-01	Geometry: Circular	Geometry: Circular



To Node:	Ex Pond B	Max Depth:	3.50 ft	Max Depth:	3.50 ft
Link Count:	1	Bottom Clip			
Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000 ft	Op Table:		Op Table:	
Length:	189.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0130	Manning's N:	0.0130
Entr Loss Coef:	0.20	Top Clip			
Exit Loss Coef:	1.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 ft	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0130	Manning's N:	0.0130
Comment:					

Pipe Link: Ex4-Ex3 36"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.37 ft	Invert: 733.34 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex-04	Geometry: Circular	Geometry: Circular
To Node:	YI-Ex-03	Max Depth: 3.00 ft	Max Depth: 3.00 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	185.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex6-Ex5 30"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.55 ft	Invert: 733.40 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	YI-Ex316	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex-05	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	135.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130

Comment:

Pipe Link: Ex7-Ex6 30"		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.01 ft	Invert: 733.55 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	YI-Ex317	Geometry: Circular	Geometry: Circular
To Node:	YI-Ex316	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	333.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExOff-PondB		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 736.00 ft	Invert: 732.50 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	U/S 30" Pipe	Geometry: Circular	Geometry: Circular
To Node:	Ex Pond B	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	413.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	1.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExPond1Outlet		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 734.60 ft	Invert: 734.50 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	Ex Pond A	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex319	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Link Count:	1	Bottom Clip	

Flow Direction:	Both	Default:	0.00 ft	Default:	0.00 ft
Damping:	0.0000	Op Table:		Op Table:	
Length:	167.00 ft	Ref Node:		Ref Node:	
FHWA Code:	1	Manning's N:	0.0130	Manning's N:	0.0130
Entr Loss Coef:	0.20	Top Clip			
Exit Loss Coef:	0.00	Default:	0.00 ft	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:		Op Table:	
Bend Location:	0.00 ft	Ref Node:		Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0130	Manning's N:	0.0130
Comment:					

Pipe Link: NinevahRdCulver		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 738.30 ft	Invert: 736.80 ft
	Onsite	Manning's N: 0.0250	Manning's N: 0.0250
From Node:	NinevahRdBasin	Geometry: Horizontal Ellipse	Geometry: Horizontal Ellipse
To Node:	EastFarm	Max Depth: 2.42 ft	Max Depth: 2.42 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000	Op Table:	
Length:	78.00 ft	Ref Node:	
FHWA Code:	30	Manning's N:	0.0250
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:	
Bend Location:	0.00 ft	Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0250
Comment:			

Pipe Link: Pond B Outlet		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.77 ft	Invert: 730.91 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	Ex Pond B	Geometry: Circular	Geometry: Circular
To Node:	DS Ex CB	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default:	0.00 ft
Damping:	0.0000	Op Table:	
Length:	167.00 ft	Ref Node:	
FHWA Code:	1	Manning's N:	0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default:	0.00 ft
Bend Loss Coef:	0.00	Op Table:	
Bend Location:	0.00 ft	Ref Node:	
Energy Switch:	Energy	Manning's N:	0.0130
Comment:			

Pipe Link: Virgo Dr		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 733.40 ft	Invert: 733.37 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-Ex-05	Geometry: Circular	Geometry: Circular
To Node:	CI-Ex-04	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	29.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: WindstarDr		Upstream	Downstream
Scenario:	Existing Section 3	Invert: 732.91 ft	Invert: 732.95 ft
	Onsite	Manning's N: 0.0130	Manning's N: 0.0130
From Node:	CI-EX-02	Geometry: Circular	Geometry: Circular
To Node:	CI-EX-01	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Link Count:	1	Bottom Clip	
Flow Direction:	Both	Default: 0.00 ft	Default: 0.00 ft
Damping:	0.0000 ft	Op Table:	Op Table:
Length:	36.00 ft	Ref Node:	Ref Node:
FHWA Code:	1	Manning's N: 0.0130	Manning's N: 0.0130
Entr Loss Coef:	0.20	Top Clip	
Exit Loss Coef:	0.00	Default: 0.00 ft	Default: 0.00 ft
Bend Loss Coef:	0.00	Op Table:	Op Table:
Bend Location:	0.00 ft	Ref Node:	Ref Node:
Energy Switch:	Energy	Manning's N: 0.0130	Manning's N: 0.0130
Comment:			

Node: CI-EX-02	
Scenario:	Existing Section 3 Offsite
Type:	Stage/Area
Base Flow:	0.00 cfs
Initial Stage:	732.91 ft
Warning Stage:	739.81 ft

Stage [ft]	Area [ac]	Area [ft2]
732.91	0.0003	13
739.81	0.0003	13
740.81	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-01

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.95 ft  
 Warning Stage: 738.95 ft

Stage [ft]	Area [ac]	Area [ft2]
732.95	0.0003	13
738.95	0.0003	13
739.95	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-04

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.37 ft  
 Warning Stage: 739.37 ft

Stage [ft]	Area [ac]	Area [ft2]
733.37	0.0002	9
739.37	0.0002	9
740.37	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-05

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.40 ft  
 Warning Stage: 739.30 ft

Stage [ft]	Area [ac]	Area [ft2]
733.40	0.0002	9
739.30	0.0002	9
740.30	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex318

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.47 ft  
 Warning Stage: 738.90 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.90	0.0002	9
739.90	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex319

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.00 ft  
 Warning Stage: 739.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
739.00	0.0002	9
740.00	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: DS Ex CB

Scenario: Existing Section 3 Offsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs

Initial Stage: 730.91 ft  
 Warning Stage: 738.91 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	730.91
0	0	0	12.0000	733.91
0	0	0	30.0000	730.91

Comment:

Node: EastFarm

Scenario: Existing Section 3 Offsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.80 ft  
 Warning Stage: 739.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	736.80
0	0	0	12.0000	738.80
0	0	0	30.0000	736.80

Comment:

Node: Ex Pond A

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.55	1.3820	60200
735.00	1.4310	62334
736.00	1.5660	68215
738.00	1.8940	82503
739.00	2.1140	92086

Comment:

## Node: Ex Pond B

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.50 ft  
 Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
732.50	0.8706	37923
735.00	1.0650	46391
737.00	1.2700	55321

Comment:

## Node: NinevahRdBasin

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 738.30 ft  
 Warning Stage: 742.00 ft

Stage [ft]	Area [ac]	Area [ft2]
738.30	0.0000	0
741.00	0.0050	218
742.00	0.0530	2309
743.00	0.1033	4500

Comment:

## Node: Outlet 4

Scenario: Existing Section 3 Offsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment:



## Node: Outlet 5

Scenario: Existing Section 3 Offsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment:

## Node: U/S 30" Pipe

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
736.00	0.0000	0
737.00	0.0030	131
738.00	0.0200	871
739.00	0.1000	4356

Comment: (converted from manhole to stage/area node)

## Node: YI-Ex-03

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.34 ft  
 Warning Stage: 737.84 ft

Stage [ft]	Area [ac]	Area [ft2]
733.34	0.0003	13
737.84	0.0003	13
738.84	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: YI-Ex316

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.55 ft  
 Warning Stage: 737.55 ft

Stage [ft]	Area [ac]	Area [ft2]
733.55	0.0002	9
737.55	0.0002	9
738.55	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: YI-Ex317

Scenario: Existing Section 3 Offsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.01 ft  
 Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.38	0.0002	9
739.38	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-EX-02

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.91 ft  
 Warning Stage: 739.81 ft

Stage [ft]	Area [ac]	Area [ft2]
732.91	0.0003	13
739.81	0.0003	13
740.81	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex-01

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.95 ft  
 Warning Stage: 738.95 ft

Stage [ft]	Area [ac]	Area [ft2]
732.95	0.0003	13
738.95	0.0003	13
739.95	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex-04

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.37 ft  
 Warning Stage: 739.37 ft

Stage [ft]	Area [ac]	Area [ft2]
733.37	0.0002	9
739.37	0.0002	9
740.37	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex-05

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.40 ft  
 Warning Stage: 739.30 ft

Stage [ft]	Area [ac]	Area [ft2]
733.40	0.0002	9
739.30	0.0002	9
740.30	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex318

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.47 ft  
 Warning Stage: 738.90 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.90	0.0002	9
739.90	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex319

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.00 ft  
 Warning Stage: 739.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
739.00	0.0002	9
740.00	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: DS Ex CB

Scenario: Existing Section 3 Onsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 730.91 ft  
 Warning Stage: 738.91 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	730.91
0	0	0	12.0000	733.91
0	0	0	30.0000	730.91

Comment:

## Node: EastFarm

Scenario: Existing Section 3 Onsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.80 ft  
 Warning Stage: 739.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	736.80
0	0	0	12.0000	738.80
0	0	0	30.0000	736.80

Comment:

## Node: Ex Pond A

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.55	1.3820	60200
735.00	1.4310	62334
736.00	1.5660	68215
738.00	1.8940	82503
739.00	2.1140	92086

Comment:

## Node: Ex Pond B

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.50 ft  
 Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
732.50	0.8706	37923
735.00	1.0650	46391
737.00	1.2700	55321

Comment:

## Node: NinevahRdBasin

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 738.30 ft  
 Warning Stage: 742.00 ft

Stage [ft]	Area [ac]	Area [ft2]
738.30	0.0000	0
741.00	0.0050	218
742.00	0.0530	2309
743.00	0.1033	4500

Comment:

## Node: Outlet 4

Scenario: Existing Section 3 Onsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment: = Outlet 4

## Node: Outlet 5

Scenario: Existing Section 3 Onsite  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment:

## Node: U/S 30" Pipe

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
736.00	0.0000	0
737.00	0.0030	131
738.00	0.0200	871
739.00	0.1000	4356

Comment: (converted from manhole to stage/area node)

## Node: Y1-Ex-03

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.34 ft  
 Warning Stage: 737.84 ft

Stage [ft]	Area [ac]	Area [ft2]
733.34	0.0003	13
737.84	0.0003	13
738.84	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: Y1-Ex316

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.55 ft  
 Warning Stage: 737.55 ft

Stage [ft]	Area [ac]	Area [ft2]
733.55	0.0002	9
737.55	0.0002	9
738.55	0.5000	21780

Comment: (converted from manhole to stage/area node)  
 = Outlet 3

Node: YI-Ex317

Scenario: Existing Section 3 Onsite  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.01 ft  
 Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.38	0.0002	9
739.38	0.5000	21780

Comment: (converted from manhole to stage/area node)

Simulation: 002YR01HR

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:22 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False



## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

Boundary Stage Set:

Extern Hydrograph Set:

Curve Number Set:

Green-Ampt Set:

Vertical Layers Set:

Impervious Set:

## Tolerances &amp; Options

Time Marching: SAOR

Max Iterations: 6

Over-Relax Weight 0.5 dec

Fact:

dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Global  
Opt:

Rainfall Name: Scsii-24

Rainfall Amount: 1.39 in

Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft

Min Node Srf Area 113 ft2

(1D):

Energy Switch (1D): Energy

Comment:

## Simulation: 002YR02HR

Scenario: Existing Section 3 Offsite

Run Date/Time: 7/27/2020 9:30:23 AM

Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

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

Max Calculation Time: 15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

##### Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
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 0.5 dec

Fact:

dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Global  
Opt:

Rainfall Name: Scsii-24

Rainfall Amount: 1.62 in

Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft

Min Node Srf Area 113 ft2

(1D):

Energy Switch (1D): Energy

Comment:

## Simulation: 002YR03HR

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:25 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 1.72 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 002YR06HR

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:27 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	2.06 in
		Storm Duration:	6.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 002YR12HR				
Scenario:	Existing Section 3 Offsite			
Run Date/Time:	7/27/2020 9:30:30 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 2.45 in  
 Storm Duration: 12.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

## Simulation: 002YR24HR

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:34 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 2.90 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR01Hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:38 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables



Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	Scsii-24
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	2.02 in
		Storm Duration:	1.0000 hr
Edge Length Option:	Automatic		
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 010YR02Hr				
Scenario:	Existing Section 3 Offsite			
Run Date/Time:	7/27/2020 9:30:41 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 2.38 in  
 Storm Duration: 2.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

## Simulation: 010YR03Hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:46 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 2.53 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR06Hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:30:52 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft	Rainfall Name:	Scsii-24
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	3.04 in
		Storm Duration:	6.0000 hr
Edge Length Option:	Automatic		
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:  
  
 3.7

Simulation: 010YR12Hr				
Scenario:	Existing Section 3 Offsite			
Run Date/Time:	7/27/2020 9:30:58 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		

Max Calculation Time: 15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

##### Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
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 0.5 dec

Fact:

dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Global  
Opt:

Rainfall Name: Scsii-24

Rainfall Amount: 3.54 in

Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft

Min Node Srf Area 113 ft2

(1D):

Energy Switch (1D): Energy

Comment:

## Simulation: 010YR24Hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:31:05 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 4.06 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR01hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:31:17 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables



Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	3.01 in
		Storm Duration:	1.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Simulation: 100YR02hr				
Scenario:	Existing Section 3 Offsite			
Run Date/Time:	7/27/2020 9:31:27 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 3.65 in  
 Storm Duration: 2.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

## Simulation: 100YR03hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:31:42 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3  
  
 Unit Hydrograph Folder: ICPR3

## Lookup Tables

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

## Tolerances &amp; Options

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

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

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 3.94 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR06hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:31:59 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	4.79 in
		Storm Duration:	6.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

## Simulation: 100YR12hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:32:17 AM  
 Program Version: ICPR4 4.05.02

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

Boundary Stage Set:

Extern Hydrograph Set:

Curve Number Set:

Green-Ampt Set:

Vertical Layers Set:

Impervious Set:

## Tolerances &amp; Options

Time Marching: SAOR

Max Iterations: 6

Over-Relax Weight 0.5 dec

Fact:

dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Global  
Opt:

Rainfall Name: Scsii-24

Rainfall Amount: 5.38 in

Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft

Min Node Srf Area 113 ft2

(1D):

Energy Switch (1D): Energy

Comment:

## Simulation: 100YR24hr

Scenario: Existing Section 3 Offsite  
 Run Date/Time: 7/27/2020 9:32:33 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	10.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 5.83 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 002YR01HR

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:32:50 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables



Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	1.39 in
		Storm Duration:	1.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Simulation: 002YR02HR				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:32:51 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 1.62 in  
 Storm Duration: 2.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

## Simulation: 002YR03HR

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:32:53 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 1.72 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 002YR06HR

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:32:55 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	2.06 in
		Storm Duration:	6.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 002YR12HR				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:32:58 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 2.45 in  
 Storm Duration: 12.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

## Simulation: 002YR24HR

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:02 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 2.90 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area (1D): 113 ft2  
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR01Hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:07 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables



Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	2.02 in
		Storm Duration:	1.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Simulation: 010YR02Hr				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:33:11 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

Time Marching: SAOR  
Max Iterations: 6  
Over-Relax Weight 0.5 dec  
Fact:  
dZ Tolerance: 0.0010 ft  
  
Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
  
Edge Length Option: AutomaticIA Recovery Time: 24.0000 hr  
  
Smp/Man Basin Rain Global  
Opt:  
  
Rainfall Name: Scsii-24  
Rainfall Amount: 2.38 in  
Storm Duration: 2.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR03Hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:15 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 2.53 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 010YR06Hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:20 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain	Global
		Opt:	
Max dZ:	1.0000 ft	Rainfall Name:	Scsii-24
Link Optimizer Tol:	0.0001 ft	Rainfall Amount:	3.04 in
Edge Length Option:	Automatic	Storm Duration:	6.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area	113 ft2
		(1D):	
		Energy Switch (1D):	Energy

Comment:  
  
 3.7

Simulation: 010YR12Hr				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:33:26 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		

Max Calculation Time: 15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

##### Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
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 0.5 dec

Fact:

dZ Tolerance: 0.0010 ft

Max dZ: 1.0000 ft

Link Optimizer Tol: 0.0001 ft

Edge Length Option: Automatic

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain Global  
Opt:

Rainfall Name: Scsii-24

Rainfall Amount: 3.54 in

Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft

Min Node Srf Area 113 ft2

(1D):

Energy Switch (1D): Energy

Comment:

## Simulation: 010YR24Hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:34 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 4.06 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area (1D): 113 ft2  
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR01hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:33:46 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	0.6000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables



Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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:	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	3.01 in
		Storm Duration:	1.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 100YR02hr				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:33:56 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

Time Marching: SAOR  
Max Iterations: 6  
Over-Relax Weight 0.5 dec  
Fact:  
dZ Tolerance: 0.0010 ft  
  
Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
  
Edge Length Option: AutomaticIA Recovery Time: 24.0000 hr  
  
Smp/Man Basin Rain Global  
Opt:  
  
Rainfall Name: Scsii-24  
Rainfall Amount: 3.65 in  
Storm Duration: 2.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR03hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:34:11 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 3.94 in  
 Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simulation: 100YR06hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:34:29 AM  
 Program Version: ICPR4 4.05.02

#### General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

#### Output Time Increments

##### Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	3.7000

##### Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

##### Restart File

Save Restart: False

#### Resources & Lookup Tables

Resources		Lookup Tables	
Rainfall Folder:	ICPR3	Boundary Stage Set:	
Unit Hydrograph Folder:	ICPR3	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	0.5 dec		
Fact:			
dZ Tolerance:	0.0010 ft	Smp/Man Basin Rain Opt:	Global
Max dZ:	1.0000 ft		
Link Optimizer Tol:	0.0001 ft	Rainfall Name:	Scsii-24
Edge Length Option:	Automatic	Rainfall Amount:	4.79 in
		Storm Duration:	6.0000 hr
		Dflt Damping (1D):	0.0050 ft
		Min Node Srf Area (1D):	113 ft2
		Energy Switch (1D):	Energy

Comment:

Simulation: 100YR12hr				
Scenario:	Existing Section 3 Onsite			
Run Date/Time:	7/27/2020 9:34:45 AM			
Program Version:	ICPR4 4.05.02			

General				
Run Mode:	Normal			
	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000
	Hydrology [sec]	Surface Hydraulics [sec]		
Min Calculation Time:	60.0000	0.1000		
Max Calculation Time:		15.0000		

## Output Time Increments

## Hydrology

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph ICPR3  
Folder:

## Lookup Tables

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

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr  
 Smp/Man Basin Rain Global  
 Opt:  
 Rainfall Name: Scsii-24  
 Rainfall Amount: 5.38 in  
 Storm Duration: 12.0000 hr  
 Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

## Simulation: 100YR24hr

Scenario: Existing Section 3 Onsite  
 Run Date/Time: 7/27/2020 9:35:01 AM  
 Program Version: ICPR4 4.05.02

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		15.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 5.83 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area (1D): 113 ft2  
 Energy Switch (1D): Energy

Comment:

#### Simple Basin Runoff Summary [Existing Section 3 Offsite]

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
CapricornC tBasn	002YR01H R	5.39	0.8167	1.39	0.42	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR02H R	6.41	1.3000	1.62	0.57	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR03H R	6.63	1.7833	1.72	0.64	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR06H R	8.02	3.2667	2.06	0.90	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR12H R	9.02	6.2167	2.45	1.21	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR24H R	9.38	12.1667	2.90	1.58	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR01H r	11.48	0.8000	2.02	0.87	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR02H r	13.39	1.2833	2.38	1.15	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR03H r	13.64	1.7833	2.53	1.27	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR06H r	15.62	3.2500	3.04	1.70	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR12H r	16.18	6.2167	3.54	2.14	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR24H r	15.39	12.1667	4.06	2.61	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR01h r	22.66	0.7833	3.01	1.67	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR02h r	26.62	1.2833	3.65	2.24	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR03h r	27.24	1.7667	3.94	2.50	6.3300	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
tBasn	r								
CapricornC tBasn	100YR06h r	30.22	3.2500	4.79	3.28	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR12h r	28.80	6.2000	5.38	3.83	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR24h r	24.74	12.1667	5.83	4.26	6.3300	86.0	0.00	0.00
EX316 Basin	002YR01H R	0.89	0.7500	1.39	0.15	2.6800	76.0	0.00	0.00
EX316 Basin	002YR02H R	1.19	1.2333	1.62	0.24	2.6800	76.0	0.00	0.00
EX316 Basin	002YR03H R	1.28	1.7167	1.72	0.28	2.6800	76.0	0.00	0.00
EX316 Basin	002YR06H R	1.85	3.1833	2.06	0.45	2.6800	76.0	0.00	0.00
EX316 Basin	002YR12H R	2.43	6.1500	2.45	0.67	2.6800	76.0	0.00	0.00
EX316 Basin	002YR24H R	2.80	12.1000	2.90	0.95	2.6800	76.0	0.00	0.00
EX316 Basin	010YR01H r	2.88	0.7167	2.02	0.42	2.6800	76.0	0.00	0.00
EX316 Basin	010YR02H r	3.68	1.2000	2.38	0.62	2.6800	76.0	0.00	0.00
EX316 Basin	010YR03H r	3.88	1.7000	2.53	0.71	2.6800	76.0	0.00	0.00
EX316 Basin	010YR06H r	5.00	3.1667	3.04	1.04	2.6800	76.0	0.00	0.00
EX316 Basin	010YR12H r	5.54	6.1333	3.54	1.40	2.6800	76.0	0.00	0.00
EX316 Basin	010YR24H r	5.42	12.1000	4.06	1.79	2.6800	76.0	0.00	0.00
EX316 Basin	100YR01h r	7.47	0.7000	3.01	1.02	2.6800	76.0	0.00	0.00
EX316 Basin	100YR02h r	9.53	1.2000	3.65	1.48	2.6800	76.0	0.00	0.00
EX316 Basin	100YR03h r	10.06	1.6833	3.94	1.70	2.6800	76.0	0.00	0.00
EX316 Basin	100YR06h r	12.02	3.1667	4.79	2.37	2.6800	76.0	0.00	0.00
EX316 Basin	100YR12h r	11.63	6.1333	5.38	2.86	2.6800	76.0	0.00	0.00
EX316 Basin	100YR24h r	9.82	12.0833	5.83	3.24	2.6800	76.0	0.00	0.00
EX317 Basin	002YR01H R	0.99	0.8667	1.39	0.15	3.7100	76.0	0.00	0.00
EX317 Basin	002YR02H R	1.29	1.3500	1.62	0.24	3.7100	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
EX317 Basin	002YR03H R	1.37	1.8333	1.72	0.28	3.7100	76.0	0.00	0.00
EX317 Basin	002YR06H R	1.95	3.3000	2.06	0.45	3.7100	76.0	0.00	0.00
EX317 Basin	002YR12H R	2.59	6.2500	2.45	0.67	3.7100	76.0	0.00	0.00
EX317 Basin	002YR24H R	3.14	12.1833	2.90	0.95	3.7100	76.0	0.00	0.00
EX317 Basin	010YR01H r	3.05	0.8333	2.02	0.42	3.7100	76.0	0.00	0.00
EX317 Basin	010YR02H r	3.85	1.3167	2.38	0.62	3.7100	76.0	0.00	0.00
EX317 Basin	010YR03H r	4.05	1.8000	2.53	0.71	3.7100	76.0	0.00	0.00
EX317 Basin	010YR06H r	5.22	3.2667	3.04	1.04	3.7100	76.0	0.00	0.00
EX317 Basin	010YR12H r	5.94	6.2333	3.54	1.40	3.7100	76.0	0.00	0.00
EX317 Basin	010YR24H r	6.14	12.1667	4.06	1.79	3.7100	76.0	0.00	0.00
EX317 Basin	100YR01h r	7.74	0.8167	3.01	1.02	3.7100	76.0	0.00	0.00
EX317 Basin	100YR02h r	9.83	1.3000	3.65	1.48	3.7100	76.0	0.00	0.00
EX317 Basin	100YR03h r	10.43	1.7833	3.94	1.70	3.7100	76.0	0.00	0.00
EX317 Basin	100YR06h r	12.57	3.2667	4.79	2.37	3.7100	76.0	0.00	0.00
EX317 Basin	100YR12h r	12.58	6.2167	5.38	2.86	3.7100	76.0	0.00	0.00
EX317 Basin	100YR24h r	11.25	12.1667	5.83	3.24	3.7100	76.0	0.00	0.00
Ex Pond DA	002YR01H R	9.34	0.7667	1.39	0.29	14.3200	82.0	0.00	0.00
Ex Pond DA	002YR02H R	11.60	1.2500	1.62	0.41	14.3200	82.0	0.00	0.00
Ex Pond DA	002YR03H R	12.18	1.7333	1.72	0.47	14.3200	82.0	0.00	0.00
Ex Pond DA	002YR06H R	15.67	3.2000	2.06	0.69	14.3200	82.0	0.00	0.00
Ex Pond DA	002YR12H R	18.48	6.1667	2.45	0.96	14.3200	82.0	0.00	0.00
Ex Pond DA	002YR24H R	19.63	12.1167	2.90	1.30	14.3200	82.0	0.00	0.00
Ex Pond DA	010YR01H r	22.91	0.7500	2.02	0.66	14.3200	82.0	0.00	0.00
Ex Pond DA	010YR02H	27.77	1.2333	2.38	0.91	14.3200	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
DA	r								
Ex Pond DA	010YR03H r	28.56	1.7167	2.53	1.02	14.3200	82.0	0.00	0.00
Ex Pond DA	010YR06H r	34.09	3.2000	3.04	1.41	14.3200	82.0	0.00	0.00
Ex Pond DA	010YR12H r	35.89	6.1667	3.54	1.82	14.3200	82.0	0.00	0.00
Ex Pond DA	010YR24H r	34.17	12.1167	4.06	2.26	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR01h r	50.11	0.7333	3.01	1.39	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR02h r	60.50	1.2167	3.65	1.91	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR03h r	62.68	1.7167	3.94	2.16	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR06h r	71.31	3.1833	4.79	2.90	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR12h r	67.91	6.1500	5.38	3.43	14.3200	82.0	0.00	0.00
Ex Pond DA	100YR24h r	57.44	12.1167	5.83	3.84	14.3200	82.0	0.00	0.00
Ex-01 Basin	002YR01H R	0.40	0.8000	1.39	0.29	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR02H R	0.50	1.2833	1.62	0.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR03H R	0.52	1.7667	1.72	0.47	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR06H R	0.67	3.2500	2.06	0.69	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR12H R	0.80	6.2000	2.45	0.96	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR24H R	0.86	12.1500	2.90	1.30	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR01H r	0.98	0.7833	2.02	0.66	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR02H r	1.18	1.2667	2.38	0.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR03H r	1.22	1.7667	2.53	1.02	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR06H r	1.46	3.2333	3.04	1.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR12H r	1.55	6.2000	3.54	1.82	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR24H r	1.51	12.1500	4.06	2.26	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR01h r	2.13	0.7667	3.01	1.39	0.6800	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
Ex-01 Basin	100YR02hr	2.58	1.2667	3.65	1.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR03hr	2.67	1.7500	3.94	2.16	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR06hr	3.05	3.2333	4.79	2.90	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR12hr	2.94	6.1833	5.38	3.43	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR24hr	2.54	12.1333	5.83	3.84	0.6800	82.0	0.00	0.00
Ex-02 Basin	002YR01HR	0.70	0.8333	1.39	0.29	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR02HR	0.86	1.3167	1.62	0.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR03HR	0.91	1.8000	1.72	0.47	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR06HR	1.17	3.2833	2.06	0.69	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR12HR	1.39	6.2333	2.45	0.96	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR24HR	1.53	12.1833	2.90	1.30	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR01Hr	1.70	0.8167	2.02	0.66	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR02Hr	2.05	1.3000	2.38	0.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR03Hr	2.12	1.7833	2.53	1.02	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR06Hr	2.54	3.2667	3.04	1.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR12Hr	2.72	6.2167	3.54	1.82	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR24Hr	2.67	12.1667	4.06	2.26	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR01hr	3.69	0.8000	3.01	1.39	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR02hr	4.46	1.2833	3.65	1.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR03hr	4.64	1.7833	3.94	2.16	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR06hr	5.31	3.2500	4.79	2.90	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR12hr	5.16	6.2167	5.38	3.43	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR24hr	4.51	12.1667	5.83	3.84	1.2700	82.0	0.00	0.00
Ex-03	002YR01HR	1.24	0.7333	1.39	0.29	1.8100	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
Basin	R								
Ex-03 Basin	002YR02H R	1.55	1.2167	1.62	0.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR03H R	1.62	1.7167	1.72	0.47	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR06H R	2.09	3.1833	2.06	0.69	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR12H R	2.45	6.1500	2.45	0.96	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR24H R	2.57	12.1000	2.90	1.30	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR01H r	3.06	0.7167	2.02	0.66	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR02H r	3.71	1.2167	2.38	0.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR03H r	3.82	1.7000	2.53	1.02	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR06H r	4.54	3.1833	3.04	1.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR12H r	4.75	6.1500	3.54	1.82	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR24H r	4.47	12.1000	4.06	2.26	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR01h r	6.71	0.7167	3.01	1.39	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR02h r	8.09	1.2000	3.65	1.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR03h r	8.37	1.7000	3.94	2.16	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR06h r	9.50	3.1667	4.79	2.90	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR12h r	8.98	6.1333	5.38	3.43	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR24h r	7.51	12.1000	5.83	3.84	1.8100	82.0	0.00	0.00
Ex-04 Basin	002YR01H R	0.62	0.9333	1.39	0.29	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR02H R	0.75	1.4000	1.62	0.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR03H R	0.79	1.9000	1.72	0.47	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR06H R	1.02	3.3667	2.06	0.69	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR12H R	1.23	6.3167	2.45	0.96	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR24H R	1.38	12.2500	2.90	1.30	1.3300	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
Ex-04 Basin	010YR01Hr	1.48	0.9000	2.02	0.66	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR02Hr	1.77	1.3833	2.38	0.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR03Hr	1.83	1.8833	2.53	1.02	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR06Hr	2.21	3.3500	3.04	1.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR12Hr	2.40	6.3000	3.54	1.82	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR24Hr	2.41	12.2500	4.06	2.26	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR01hr	3.18	0.8833	3.01	1.39	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR02hr	3.85	1.3833	3.65	1.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR03hr	4.02	1.8667	3.94	2.16	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR06hr	4.63	3.3333	4.79	2.90	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR12hr	4.56	6.3000	5.38	3.43	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR24hr	4.09	12.2333	5.83	3.84	1.3300	82.0	0.00	0.00
Ex-05 Basin	002YR01HR	0.77	0.8333	1.39	0.29	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR02HR	0.95	1.3167	1.62	0.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR03HR	1.00	1.8000	1.72	0.47	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR06HR	1.28	3.2667	2.06	0.69	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR12HR	1.53	6.2167	2.45	0.96	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR24HR	1.68	12.1667	2.90	1.30	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR01Hr	1.87	0.8000	2.02	0.66	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR02Hr	2.25	1.3000	2.38	0.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR03Hr	2.33	1.7833	2.53	1.02	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR06Hr	2.79	3.2667	3.04	1.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR12Hr	2.99	6.2167	3.54	1.82	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR24Hr	2.93	12.1667	4.06	2.26	1.3800	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
Basin	r								
Ex-05 Basin	100YR01hr	4.06	0.8000	3.01	1.39	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR02hr	4.92	1.2833	3.65	1.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR03hr	5.10	1.7833	3.94	2.16	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR06hr	5.84	3.2500	4.79	2.90	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR12hr	5.66	6.2167	5.38	3.43	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR24hr	4.94	12.1667	5.83	3.84	1.3800	82.0	0.00	0.00
ExBasinEast	002YR01HR	2.47	0.9333	1.39	0.15	10.0300	76.0	0.00	0.00
ExBasinEast	002YR02HR	3.18	1.4000	1.62	0.24	10.0300	76.0	0.00	0.00
ExBasinEast	002YR03HR	3.39	1.8833	1.72	0.28	10.0300	76.0	0.00	0.00
ExBasinEast	002YR06HR	4.78	3.3333	2.06	0.45	10.0300	76.0	0.00	0.00
ExBasinEast	002YR12HR	6.36	6.2833	2.45	0.67	10.0300	76.0	0.00	0.00
ExBasinEast	002YR24HR	7.79	12.2333	2.90	0.95	10.0300	76.0	0.00	0.00
ExBasinEast	010YR01HR	7.52	0.8833	2.02	0.42	10.0300	76.0	0.00	0.00
ExBasinEast	010YR02HR	9.42	1.3500	2.38	0.62	10.0300	76.0	0.00	0.00
ExBasinEast	010YR03HR	9.89	1.8500	2.53	0.71	10.0300	76.0	0.00	0.00
ExBasinEast	010YR06HR	12.77	3.3167	3.04	1.04	10.0300	76.0	0.00	0.00
ExBasinEast	010YR12HR	14.61	6.2667	3.54	1.40	10.0300	76.0	0.00	0.00
ExBasinEast	010YR24HR	15.32	12.2167	4.06	1.79	10.0300	76.0	0.00	0.00
ExBasinEast	100YR01hr	18.91	0.8500	3.01	1.02	10.0300	76.0	0.00	0.00
ExBasinEast	100YR02hr	23.96	1.3333	3.65	1.48	10.0300	76.0	0.00	0.00
ExBasinEast	100YR03hr	25.44	1.8333	3.94	1.70	10.0300	76.0	0.00	0.00
ExBasinEast	100YR06hr	30.76	3.3000	4.79	2.37	10.0300	76.0	0.00	0.00
ExBasinEast	100YR12hr	30.97	6.2667	5.38	2.86	10.0300	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
ExBasinEast	100YR24hr	28.09	12.2000	5.83	3.24	10.0300	76.0	0.00	0.00
ExBasinNorth	002YR01HR	2.31	0.8500	1.39	0.15	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR02HR	3.02	1.3333	1.62	0.24	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR03HR	3.23	1.8167	1.72	0.28	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR06HR	4.59	3.2833	2.06	0.45	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR12HR	6.10	6.2333	2.45	0.67	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR24HR	7.36	12.1667	2.90	0.95	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR01HR	7.18	0.8167	2.02	0.42	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR02HR	9.08	1.3000	2.38	0.62	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR03HR	9.54	1.7833	2.53	0.71	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR06HR	12.30	3.2667	3.04	1.04	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR12HR	13.98	6.2167	3.54	1.40	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR24HR	14.40	12.1667	4.06	1.79	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR01hr	18.27	0.8000	3.01	1.02	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR02hr	23.24	1.2833	3.65	1.48	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR03hr	24.58	1.7833	3.94	1.70	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR06hr	29.66	3.2500	4.79	2.37	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR12hr	29.57	6.2000	5.38	2.86	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR24hr	26.31	12.1500	5.83	3.24	8.5100	76.0	0.00	0.00
ExNorthwest	002YR01HR	6.58	0.9333	1.39	0.15	27.1300	76.0	0.00	0.00
ExNorthwest	002YR02HR	8.47	1.4000	1.62	0.24	27.1300	76.0	0.00	0.00
ExNorthwest	002YR03HR	9.01	1.8833	1.72	0.28	27.1300	76.0	0.00	0.00
ExNorthwest	002YR06HR	12.71	3.3500	2.06	0.45	27.1300	76.0	0.00	0.00
ExNorthwest	002YR12HR	16.89	6.3000	2.45	0.67	27.1300	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
st	R								
ExNorthwest	002YR24HR	20.76	12.2333	2.90	0.95	27.1300	76.0	0.00	0.00
ExNorthwest	010YR01Hr	19.99	0.8833	2.02	0.42	27.1300	76.0	0.00	0.00
ExNorthwest	010YR02Hr	25.02	1.3667	2.38	0.62	27.1300	76.0	0.00	0.00
ExNorthwest	010YR03Hr	26.27	1.8500	2.53	0.71	27.1300	76.0	0.00	0.00
ExNorthwest	010YR06Hr	33.89	3.3333	3.04	1.04	27.1300	76.0	0.00	0.00
ExNorthwest	010YR12Hr	38.83	6.2833	3.54	1.40	27.1300	76.0	0.00	0.00
ExNorthwest	010YR24Hr	40.79	12.2167	4.06	1.79	27.1300	76.0	0.00	0.00
ExNorthwest	100YR01hr	50.23	0.8667	3.01	1.02	27.1300	76.0	0.00	0.00
ExNorthwest	100YR02hr	63.55	1.3500	3.65	1.48	27.1300	76.0	0.00	0.00
ExNorthwest	100YR03hr	67.42	1.8333	3.94	1.70	27.1300	76.0	0.00	0.00
ExNorthwest	100YR06hr	81.66	3.3167	4.79	2.37	27.1300	76.0	0.00	0.00
ExNorthwest	100YR12hr	82.38	6.2667	5.38	2.86	27.1300	76.0	0.00	0.00
ExNorthwest	100YR24hr	74.88	12.2167	5.83	3.24	27.1300	76.0	0.00	0.00
Outlet 4 - North Offsite	002YR01HR	1.68	1.0500	1.39	0.26	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	002YR02HR	2.04	1.5167	1.62	0.38	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	002YR03HR	2.13	2.0000	1.72	0.44	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	002YR06HR	2.78	3.4667	2.06	0.64	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	002YR12HR	3.41	6.4167	2.45	0.91	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	002YR24HR	3.94	12.3500	2.90	1.24	4.6600	81.0	0.00	0.00
Outlet 4 - North	010YR01Hr	4.09	1.0167	2.02	0.62	4.6600	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
Offsite									
Outlet 4 - North Offsite	010YR02Hr	4.89	1.4833	2.38	0.86	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	010YR03Hr	5.07	1.9833	2.53	0.97	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	010YR06Hr	6.20	3.4500	3.04	1.35	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	010YR12Hr	6.84	6.4000	3.54	1.74	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	010YR24Hr	7.06	12.3333	4.06	2.18	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR01hr	8.91	0.9833	3.01	1.32	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR02hr	10.83	1.4833	3.65	1.83	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR03hr	11.36	1.9667	3.94	2.08	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR06hr	13.29	3.4333	4.79	2.81	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR12hr	13.26	6.3833	5.38	3.33	4.6600	81.0	0.00	0.00
Outlet 4 - North Offsite	100YR24hr	12.14	12.3167	5.83	3.74	4.6600	81.0	0.00	0.00
Outlet 4 - North Onsite	002YR01HR	42.01	0.9333	1.39	0.29	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR02HR	51.04	1.4000	1.62	0.41	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR03HR	53.42	1.8833	1.72	0.47	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR06HR	68.79	3.3667	2.06	0.69	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR12HR	82.84	6.3167	2.45	0.96	89.2900	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
North Onsite	R								
Outlet 4 - North Onsite	002YR24H R	92.95	12.2500	2.90	1.30	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR01H r	100.16	0.9000	2.02	0.66	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR02H r	119.91	1.3833	2.38	0.91	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR03H r	123.97	1.8667	2.53	1.02	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR06H r	149.37	3.3500	3.04	1.41	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR12H r	162.15	6.3000	3.54	1.82	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR24H r	162.98	12.2333	4.06	2.26	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR01h r	215.33	0.8833	3.01	1.39	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR02h r	260.44	1.3667	3.65	1.91	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR03h r	271.59	1.8667	3.94	2.16	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR06h r	313.19	3.3333	4.79	2.90	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR12h r	308.16	6.2833	5.38	3.43	89.2900	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR24h r	276.03	12.2333	5.83	3.84	89.2900	82.0	0.00	0.00
Outlet 4 - South Offsite	002YR01H R	4.50	0.6167	1.39	0.29	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	002YR02H R	5.69	1.1000	1.62	0.41	4.1400	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
Outlet 4 - South Offsite	002YR03H R	6.03	1.6000	1.72	0.47	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	002YR06H R	7.66	3.0833	2.06	0.69	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	002YR12H R	8.19	6.0500	2.45	0.96	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	002YR24H R	7.48	12.0333	2.90	1.30	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR01H r	11.44	0.6167	2.02	0.66	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR02H r	13.96	1.1000	2.38	0.91	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR03H r	14.19	1.6000	2.53	1.02	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR06H r	16.42	3.0667	3.04	1.41	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR12H r	15.69	6.0500	3.54	1.82	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	010YR24H r	12.77	12.0333	4.06	2.26	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	100YR01h r	25.59	0.6000	3.01	1.39	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	100YR02h r	30.49	1.1000	3.65	1.91	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	100YR03h r	31.17	1.5833	3.94	2.16	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	100YR06h r	34.22	3.0667	4.79	2.90	4.1400	82.0	0.00	0.00
Outlet 4 - South Offsite	100YR12h r	29.27	6.0500	5.38	3.43	4.1400	82.0	0.00	0.00
Outlet 4 - South	100YR24h r	21.17	12.0167	5.83	3.84	4.1400	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
Offsite									
Outlet 5 - Bas 1-3 On	002YR01H R	9.10	1.1000	1.39	0.29	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR02H R	10.94	1.5833	1.62	0.41	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR03H R	11.39	2.0667	1.72	0.47	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR06H R	14.64	3.5333	2.06	0.69	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR12H R	17.77	6.4833	2.45	0.96	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR24H R	20.38	12.4000	2.90	1.30	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR01H r	21.32	1.0667	2.02	0.66	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR02H r	25.29	1.5500	2.38	0.91	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR03H r	26.17	2.0333	2.53	1.02	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR06H r	31.71	3.5167	3.04	1.41	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR12H r	34.80	6.4667	3.54	1.82	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR24H r	35.93	12.3833	4.06	2.26	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR01h r	45.29	1.0500	3.01	1.39	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR02h r	54.69	1.5333	3.65	1.91	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR03h r	57.10	2.0333	3.94	2.16	24.5900	82.0	0.00	0.00
Outlet 5 -	100YR06h	66.56	3.5000	4.79	2.90	24.5900	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
Bas 1-3 On	r								
Outlet 5 - Bas 1-3 On	100YR12hr	66.32	6.4500	5.38	3.43	24.5900	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR24hr	61.03	12.3667	5.83	3.84	24.5900	82.0	0.00	0.00
Pond B Basin	002YR01HR	7.13	0.9833	1.39	0.29	16.4500	82.0	0.00	0.00
Pond B Basin	002YR02HR	8.61	1.4500	1.62	0.41	16.4500	82.0	0.00	0.00
Pond B Basin	002YR03HR	9.01	1.9500	1.72	0.47	16.4500	82.0	0.00	0.00
Pond B Basin	002YR06HR	11.60	3.4167	2.06	0.69	16.4500	82.0	0.00	0.00
Pond B Basin	002YR12HR	14.01	6.3667	2.45	0.96	16.4500	82.0	0.00	0.00
Pond B Basin	002YR24HR	15.85	12.3000	2.90	1.30	16.4500	82.0	0.00	0.00
Pond B Basin	010YR01Hr	16.88	0.9500	2.02	0.66	16.4500	82.0	0.00	0.00
Pond B Basin	010YR02Hr	20.14	1.4333	2.38	0.91	16.4500	82.0	0.00	0.00
Pond B Basin	010YR03Hr	20.83	1.9167	2.53	1.02	16.4500	82.0	0.00	0.00
Pond B Basin	010YR06Hr	25.16	3.4000	3.04	1.41	16.4500	82.0	0.00	0.00
Pond B Basin	010YR12Hr	27.44	6.3500	3.54	1.82	16.4500	82.0	0.00	0.00
Pond B Basin	010YR24Hr	27.86	12.2833	4.06	2.26	16.4500	82.0	0.00	0.00
Pond B Basin	100YR01hr	36.14	0.9333	3.01	1.39	16.4500	82.0	0.00	0.00
Pond B Basin	100YR02hr	43.68	1.4167	3.65	1.91	16.4500	82.0	0.00	0.00
Pond B Basin	100YR03hr	45.60	1.9167	3.94	2.16	16.4500	82.0	0.00	0.00
Pond B Basin	100YR06hr	52.79	3.3833	4.79	2.90	16.4500	82.0	0.00	0.00
Pond B Basin	100YR12hr	52.20	6.3333	5.38	3.43	16.4500	82.0	0.00	0.00
Pond B Basin	100YR24hr	47.21	12.2833	5.83	3.84	16.4500	82.0	0.00	0.00

## Simple Basin Runoff Summary [Existing Section 3 Onsite]

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
CapricornC tBasn	002YR01H R	5.39	0.8167	1.39	0.42	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR02H R	6.41	1.3000	1.62	0.57	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR03H R	6.63	1.7833	1.72	0.64	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR06H R	8.02	3.2667	2.06	0.90	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR12H R	9.02	6.2167	2.45	1.21	6.3300	86.0	0.00	0.00
CapricornC tBasn	002YR24H R	9.38	12.1667	2.90	1.58	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR01H r	11.48	0.8000	2.02	0.87	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR02H r	13.39	1.2833	2.38	1.15	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR03H r	13.64	1.7833	2.53	1.27	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR06H r	15.62	3.2500	3.04	1.70	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR12H r	16.18	6.2167	3.54	2.14	6.3300	86.0	0.00	0.00
CapricornC tBasn	010YR24H r	15.39	12.1667	4.06	2.61	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR01h r	22.66	0.7833	3.01	1.67	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR02h r	26.62	1.2833	3.65	2.24	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR03h r	27.24	1.7667	3.94	2.50	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR06h r	30.22	3.2500	4.79	3.28	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR12h r	28.80	6.2000	5.38	3.83	6.3300	86.0	0.00	0.00
CapricornC tBasn	100YR24h r	24.74	12.1667	5.83	4.26	6.3300	86.0	0.00	0.00
EX316 Basin	002YR01H R	0.89	0.7500	1.39	0.15	2.6800	76.0	0.00	0.00
EX316 Basin	002YR02H R	1.19	1.2333	1.62	0.24	2.6800	76.0	0.00	0.00
EX316 Basin	002YR03H R	1.28	1.7167	1.72	0.28	2.6800	76.0	0.00	0.00
EX316 Basin	002YR06H R	1.85	3.1833	2.06	0.45	2.6800	76.0	0.00	0.00
EX316 Basin	002YR12H R	2.43	6.1500	2.45	0.67	2.6800	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
EX316 Basin	002YR24H R	2.80	12.1000	2.90	0.95	2.6800	76.0	0.00	0.00
EX316 Basin	010YR01H r	2.88	0.7167	2.02	0.42	2.6800	76.0	0.00	0.00
EX316 Basin	010YR02H r	3.68	1.2000	2.38	0.62	2.6800	76.0	0.00	0.00
EX316 Basin	010YR03H r	3.88	1.7000	2.53	0.71	2.6800	76.0	0.00	0.00
EX316 Basin	010YR06H r	5.00	3.1667	3.04	1.04	2.6800	76.0	0.00	0.00
EX316 Basin	010YR12H r	5.54	6.1333	3.54	1.40	2.6800	76.0	0.00	0.00
EX316 Basin	010YR24H r	5.42	12.1000	4.06	1.79	2.6800	76.0	0.00	0.00
EX316 Basin	100YR01h r	7.47	0.7000	3.01	1.02	2.6800	76.0	0.00	0.00
EX316 Basin	100YR02h r	9.53	1.2000	3.65	1.48	2.6800	76.0	0.00	0.00
EX316 Basin	100YR03h r	10.06	1.6833	3.94	1.70	2.6800	76.0	0.00	0.00
EX316 Basin	100YR06h r	12.02	3.1667	4.79	2.37	2.6800	76.0	0.00	0.00
EX316 Basin	100YR12h r	11.63	6.1333	5.38	2.86	2.6800	76.0	0.00	0.00
EX316 Basin	100YR24h r	9.82	12.0833	5.83	3.24	2.6800	76.0	0.00	0.00
EX317 Basin	002YR01H R	0.99	0.8667	1.39	0.15	3.7100	76.0	0.00	0.00
EX317 Basin	002YR02H R	1.29	1.3500	1.62	0.24	3.7100	76.0	0.00	0.00
EX317 Basin	002YR03H R	1.37	1.8333	1.72	0.28	3.7100	76.0	0.00	0.00
EX317 Basin	002YR06H R	1.95	3.3000	2.06	0.45	3.7100	76.0	0.00	0.00
EX317 Basin	002YR12H R	2.59	6.2500	2.45	0.67	3.7100	76.0	0.00	0.00
EX317 Basin	002YR24H R	3.14	12.1833	2.90	0.95	3.7100	76.0	0.00	0.00
EX317 Basin	010YR01H r	3.05	0.8333	2.02	0.42	3.7100	76.0	0.00	0.00
EX317 Basin	010YR02H r	3.85	1.3167	2.38	0.62	3.7100	76.0	0.00	0.00
EX317 Basin	010YR03H r	4.05	1.8000	2.53	0.71	3.7100	76.0	0.00	0.00
EX317 Basin	010YR06H r	5.22	3.2667	3.04	1.04	3.7100	76.0	0.00	0.00
EX317 Basin	010YR12H	5.94	6.2333	3.54	1.40	3.7100	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
Basin	r								
EX317 Basin	010YR24Hr	6.14	12.1667	4.06	1.79	3.7100	76.0	0.00	0.00
EX317 Basin	100YR01hr	7.74	0.8167	3.01	1.02	3.7100	76.0	0.00	0.00
EX317 Basin	100YR02hr	9.83	1.3000	3.65	1.48	3.7100	76.0	0.00	0.00
EX317 Basin	100YR03hr	10.43	1.7833	3.94	1.70	3.7100	76.0	0.00	0.00
EX317 Basin	100YR06hr	12.57	3.2667	4.79	2.37	3.7100	76.0	0.00	0.00
EX317 Basin	100YR12hr	12.58	6.2167	5.38	2.86	3.7100	76.0	0.00	0.00
EX317 Basin	100YR24hr	11.25	12.1667	5.83	3.24	3.7100	76.0	0.00	0.00
Ex Pond DA	002YR01HR	8.14	0.9333	1.39	0.32	15.7000	83.0	0.00	0.00
Ex Pond DA	002YR02HR	9.81	1.4000	1.62	0.45	15.7000	83.0	0.00	0.00
Ex Pond DA	002YR03HR	10.25	1.8833	1.72	0.51	15.7000	83.0	0.00	0.00
Ex Pond DA	002YR06HR	13.00	3.3667	2.06	0.74	15.7000	83.0	0.00	0.00
Ex Pond DA	002YR12HR	15.44	6.3167	2.45	1.02	15.7000	83.0	0.00	0.00
Ex Pond DA	002YR24HR	17.10	12.2500	2.90	1.37	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR01Hr	18.78	0.9000	2.02	0.71	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR02Hr	22.34	1.3833	2.38	0.97	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR03Hr	23.03	1.8833	2.53	1.08	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR06Hr	27.44	3.3500	3.04	1.48	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR12Hr	29.54	6.3000	3.54	1.90	15.7000	83.0	0.00	0.00
Ex Pond DA	010YR24Hr	29.50	12.2500	4.06	2.34	15.7000	83.0	0.00	0.00
Ex Pond DA	100YR01hr	39.46	0.8833	3.01	1.46	15.7000	83.0	0.00	0.00
Ex Pond DA	100YR02hr	47.38	1.3833	3.65	1.99	15.7000	83.0	0.00	0.00
Ex Pond DA	100YR03hr	49.25	1.8667	3.94	2.24	15.7000	83.0	0.00	0.00
Ex Pond DA	100YR06hr	56.34	3.3333	4.79	2.99	15.7000	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
Ex Pond DA	100YR12hr	55.24	6.3000	5.38	3.53	15.7000	83.0	0.00	0.00
Ex Pond DA	100YR24hr	49.34	12.2333	5.83	3.94	15.7000	83.0	0.00	0.00
Ex-01 Basin	002YR01HR	0.84	0.6000	1.39	0.29	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR02HR	1.08	1.0833	1.62	0.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR03HR	1.13	1.5833	1.72	0.47	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR06HR	1.42	3.0667	2.06	0.69	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR12HR	1.47	6.0333	2.45	0.96	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR24HR	1.28	12.0167	2.90	1.30	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR01HR	2.19	0.5833	2.02	0.66	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR02HR	2.64	1.0833	2.38	0.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR03HR	2.69	1.5667	2.53	1.02	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR06HR	3.07	3.0500	3.04	1.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR12HR	2.81	6.0333	3.54	1.82	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR24HR	2.18	12.0167	4.06	2.26	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR01hr	4.88	0.5833	3.01	1.39	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR02hr	5.73	1.0833	3.65	1.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR03hr	5.91	1.5667	3.94	2.16	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR06hr	6.37	3.0500	4.79	2.90	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR12hr	5.22	6.0333	5.38	3.43	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR24hr	3.60	12.0167	5.83	3.84	0.6800	82.0	0.00	0.00
Ex-02 Basin	002YR01HR	1.12	0.6667	1.39	0.29	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR02HR	1.41	1.1500	1.62	0.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR03HR	1.48	1.6500	1.72	0.47	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR06HR	1.91	3.1167	2.06	0.69	1.2700	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
Basin	R								
Ex-02 Basin	002YR12H R	2.15	6.0833	2.45	0.96	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR24H R	2.10	12.0500	2.90	1.30	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR01H r	2.83	0.6500	2.02	0.66	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR02H r	3.41	1.1500	2.38	0.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR03H r	3.51	1.6333	2.53	1.02	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR06H r	4.13	3.1167	3.04	1.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR12H r	4.14	6.0833	3.54	1.82	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR24H r	3.62	12.0500	4.06	2.26	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR01h r	6.23	0.6500	3.01	1.39	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR02h r	7.49	1.1333	3.65	1.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR03h r	7.69	1.6333	3.94	2.16	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR06h r	8.59	3.1000	4.79	2.90	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR12h r	7.77	6.0833	5.38	3.43	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR24h r	6.04	12.0500	5.83	3.84	1.2700	82.0	0.00	0.00
Ex-03 Basin	002YR01H R	1.38	0.7000	1.39	0.29	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR02H R	1.73	1.1833	1.62	0.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR03H R	1.82	1.6833	1.72	0.47	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR06H R	2.34	3.1500	2.06	0.69	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR12H R	2.69	6.1167	2.45	0.96	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR24H R	2.75	12.0833	2.90	1.30	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR01H r	3.43	0.6833	2.02	0.66	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR02H r	4.17	1.1833	2.38	0.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR03H r	4.27	1.6667	2.53	1.02	1.8100	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
Ex-03 Basin	010YR06Hr	5.08	3.1500	3.04	1.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR12Hr	5.22	6.1167	3.54	1.82	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR24Hr	4.77	12.0833	4.06	2.26	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR01hr	7.56	0.6833	3.01	1.39	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR02hr	9.08	1.1667	3.65	1.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR03hr	9.38	1.6667	3.94	2.15	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR06hr	10.59	3.1500	4.79	2.90	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR12hr	9.83	6.1167	5.38	3.43	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR24hr	7.98	12.0833	5.83	3.84	1.8100	82.0	0.00	0.00
Ex-04 Basin	002YR01HR	1.65	0.6000	1.39	0.29	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR02HR	2.12	1.0833	1.62	0.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR03HR	2.22	1.5833	1.72	0.47	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR06HR	2.79	3.0667	2.06	0.69	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR12HR	2.88	6.0333	2.45	0.96	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR24HR	2.51	12.0167	2.90	1.30	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR01Hr	4.28	0.5833	2.02	0.66	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR02Hr	5.16	1.0833	2.38	0.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR03Hr	5.27	1.5667	2.53	1.02	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR06Hr	6.00	3.0500	3.04	1.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR12Hr	5.49	6.0333	3.54	1.82	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR24Hr	4.27	12.0167	4.06	2.26	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR01hr	9.55	0.5833	3.01	1.39	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR02hr	11.21	1.0833	3.65	1.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR03hr	11.55	1.5667	3.94	2.16	1.3300	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
Basin	r								
Ex-04 Basin	100YR06hr	12.45	3.0500	4.79	2.90	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR12hr	10.21	6.0333	5.38	3.43	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR24hr	7.05	12.0167	5.83	3.84	1.3300	82.0	0.00	0.00
Ex-05 Basin	002YR01HR	1.71	0.6000	1.39	0.29	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR02HR	2.20	1.0833	1.62	0.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR03HR	2.30	1.5833	1.72	0.47	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR06HR	2.89	3.0667	2.06	0.69	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR12HR	2.99	6.0333	2.45	0.96	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR24HR	2.60	12.0167	2.90	1.30	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR01HR	4.44	0.5833	2.02	0.66	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR02HR	5.36	1.0833	2.38	0.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR03HR	5.47	1.5667	2.53	1.02	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR06HR	6.22	3.0500	3.04	1.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR12HR	5.70	6.0333	3.54	1.82	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR24HR	4.43	12.0167	4.06	2.26	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR01hr	9.91	0.5833	3.01	1.39	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR02hr	11.63	1.0833	3.65	1.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR03hr	11.99	1.5667	3.94	2.16	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR06hr	12.92	3.0500	4.79	2.90	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR12hr	10.60	6.0333	5.38	3.43	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR24hr	7.31	12.0167	5.83	3.84	1.3800	82.0	0.00	0.00
ExBasinEast	002YR01HR	2.47	0.9333	1.39	0.15	10.0300	76.0	0.00	0.00
ExBasinEast	002YR02HR	3.18	1.4000	1.62	0.24	10.0300	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
ExBasinEast	002YR03HR	3.39	1.8833	1.72	0.28	10.0300	76.0	0.00	0.00
ExBasinEast	002YR06HR	4.78	3.3333	2.06	0.45	10.0300	76.0	0.00	0.00
ExBasinEast	002YR12HR	6.36	6.2833	2.45	0.67	10.0300	76.0	0.00	0.00
ExBasinEast	002YR24HR	7.79	12.2333	2.90	0.95	10.0300	76.0	0.00	0.00
ExBasinEast	010YR01Hr	7.52	0.8833	2.02	0.42	10.0300	76.0	0.00	0.00
ExBasinEast	010YR02Hr	9.42	1.3500	2.38	0.62	10.0300	76.0	0.00	0.00
ExBasinEast	010YR03Hr	9.89	1.8500	2.53	0.71	10.0300	76.0	0.00	0.00
ExBasinEast	010YR06Hr	12.77	3.3167	3.04	1.04	10.0300	76.0	0.00	0.00
ExBasinEast	010YR12Hr	14.61	6.2667	3.54	1.40	10.0300	76.0	0.00	0.00
ExBasinEast	010YR24Hr	15.32	12.2167	4.06	1.79	10.0300	76.0	0.00	0.00
ExBasinEast	100YR01hr	18.91	0.8500	3.01	1.02	10.0300	76.0	0.00	0.00
ExBasinEast	100YR02hr	23.96	1.3333	3.65	1.48	10.0300	76.0	0.00	0.00
ExBasinEast	100YR03hr	25.44	1.8333	3.94	1.70	10.0300	76.0	0.00	0.00
ExBasinEast	100YR06hr	30.76	3.3000	4.79	2.37	10.0300	76.0	0.00	0.00
ExBasinEast	100YR12hr	30.97	6.2667	5.38	2.86	10.0300	76.0	0.00	0.00
ExBasinEast	100YR24hr	28.09	12.2000	5.83	3.24	10.0300	76.0	0.00	0.00
ExBasinNorth	002YR01HR	2.31	0.8500	1.39	0.15	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR02HR	3.02	1.3333	1.62	0.24	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR03HR	3.23	1.8167	1.72	0.28	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR06HR	4.59	3.2833	2.06	0.45	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR12HR	6.10	6.2333	2.45	0.67	8.5100	76.0	0.00	0.00
ExBasinNorth	002YR24HR	7.36	12.1667	2.90	0.95	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR01Hr	7.18	0.8167	2.02	0.42	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR02Hr	9.08	1.3000	2.38	0.62	8.5100	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
rth	r								
ExBasinNorth	010YR03Hr	9.54	1.7833	2.53	0.71	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR06Hr	12.30	3.2667	3.04	1.04	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR12Hr	13.98	6.2167	3.54	1.40	8.5100	76.0	0.00	0.00
ExBasinNorth	010YR24Hr	14.40	12.1667	4.06	1.79	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR01hr	18.27	0.8000	3.01	1.02	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR02hr	23.24	1.2833	3.65	1.48	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR03hr	24.58	1.7833	3.94	1.70	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR06hr	29.66	3.2500	4.79	2.37	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR12hr	29.57	6.2000	5.38	2.86	8.5100	76.0	0.00	0.00
ExBasinNorth	100YR24hr	26.31	12.1500	5.83	3.24	8.5100	76.0	0.00	0.00
ExNorthwest	002YR01HR	6.58	0.9333	1.39	0.15	27.1300	76.0	0.00	0.00
ExNorthwest	002YR02HR	8.47	1.4000	1.62	0.24	27.1300	76.0	0.00	0.00
ExNorthwest	002YR03HR	9.01	1.8833	1.72	0.28	27.1300	76.0	0.00	0.00
ExNorthwest	002YR06HR	12.71	3.3500	2.06	0.45	27.1300	76.0	0.00	0.00
ExNorthwest	002YR12HR	16.89	6.3000	2.45	0.67	27.1300	76.0	0.00	0.00
ExNorthwest	002YR24HR	20.76	12.2333	2.90	0.95	27.1300	76.0	0.00	0.00
ExNorthwest	010YR01Hr	19.99	0.8833	2.02	0.42	27.1300	76.0	0.00	0.00
ExNorthwest	010YR02Hr	25.02	1.3667	2.38	0.62	27.1300	76.0	0.00	0.00
ExNorthwest	010YR03Hr	26.27	1.8500	2.53	0.71	27.1300	76.0	0.00	0.00
ExNorthwest	010YR06Hr	33.89	3.3333	3.04	1.04	27.1300	76.0	0.00	0.00
ExNorthwest	010YR12Hr	38.83	6.2833	3.54	1.40	27.1300	76.0	0.00	0.00
ExNorthwest	010YR24Hr	40.79	12.2167	4.06	1.79	27.1300	76.0	0.00	0.00
ExNorthwest	100YR01hr	50.23	0.8667	3.01	1.02	27.1300	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
ExNorthwest	100YR02hr	63.55	1.3500	3.65	1.48	27.1300	76.0	0.00	0.00
ExNorthwest	100YR03hr	67.42	1.8333	3.94	1.70	27.1300	76.0	0.00	0.00
ExNorthwest	100YR06hr	81.66	3.3167	4.79	2.37	27.1300	76.0	0.00	0.00
ExNorthwest	100YR12hr	82.38	6.2667	5.38	2.86	27.1300	76.0	0.00	0.00
ExNorthwest	100YR24hr	74.88	12.2167	5.83	3.24	27.1300	76.0	0.00	0.00
Outlet 4 - North Onsite	002YR01HR	73.07	0.6833	1.39	0.29	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR02HR	91.68	1.1667	1.62	0.41	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR03HR	96.26	1.6667	1.72	0.47	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR06HR	123.98	3.1333	2.06	0.69	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR12HR	141.28	6.1000	2.45	0.96	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	002YR24HR	141.48	12.0667	2.90	1.30	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR01Hr	182.64	0.6667	2.02	0.66	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR02Hr	221.26	1.1667	2.38	0.91	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR03Hr	227.34	1.6500	2.53	1.02	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR06Hr	268.87	3.1333	3.04	1.41	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR12Hr	273.19	6.1000	3.54	1.82	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	010YR24Hr	244.52	12.0667	4.06	2.26	89.3100	82.0	0.00	0.00
Outlet 4 -	100YR01hr	402.59	0.6667	3.01	1.39	89.3100	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
North Onsite	r								
Outlet 4 - North Onsite	100YR02hr	483.52	1.1500	3.65	1.91	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR03hr	498.28	1.6500	3.94	2.15	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR06hr	559.57	3.1333	4.79	2.89	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR12hr	513.60	6.1000	5.38	3.42	89.3100	82.0	0.00	0.00
Outlet 4 - North Onsite	100YR24hr	408.65	12.0667	5.83	3.83	89.3100	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR01HR	9.11	1.1000	1.39	0.29	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR02HR	10.94	1.5833	1.62	0.41	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR03HR	11.39	2.0667	1.72	0.47	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR06HR	14.65	3.5333	2.06	0.69	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR12HR	17.77	6.4833	2.45	0.96	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	002YR24HR	20.39	12.4000	2.90	1.30	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR01Hr	21.33	1.0667	2.02	0.66	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR02Hr	25.30	1.5500	2.38	0.91	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR03Hr	26.18	2.0333	2.53	1.02	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR06Hr	31.72	3.5167	3.04	1.41	24.6000	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
Outlet 5 - Bas 1-3 On	010YR12Hr	34.82	6.4667	3.54	1.82	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	010YR24Hr	35.94	12.3833	4.06	2.26	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR01Hr	45.31	1.0500	3.01	1.39	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR02Hr	54.71	1.5333	3.65	1.91	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR03Hr	57.12	2.0333	3.94	2.16	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR06Hr	66.58	3.5000	4.79	2.90	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR12Hr	66.34	6.4500	5.38	3.43	24.6000	82.0	0.00	0.00
Outlet 5 - Bas 1-3 On	100YR24Hr	61.06	12.3667	5.83	3.84	24.6000	82.0	0.00	0.00
Pond B Basin	002YR01HR	7.13	0.9833	1.39	0.29	16.4500	82.0	0.00	0.00
Pond B Basin	002YR02HR	8.61	1.4500	1.62	0.41	16.4500	82.0	0.00	0.00
Pond B Basin	002YR03HR	9.01	1.9500	1.72	0.47	16.4500	82.0	0.00	0.00
Pond B Basin	002YR06HR	11.60	3.4167	2.06	0.69	16.4500	82.0	0.00	0.00
Pond B Basin	002YR12HR	14.01	6.3667	2.45	0.96	16.4500	82.0	0.00	0.00
Pond B Basin	002YR24HR	15.85	12.3000	2.90	1.30	16.4500	82.0	0.00	0.00
Pond B Basin	010YR01Hr	16.88	0.9500	2.02	0.66	16.4500	82.0	0.00	0.00
Pond B Basin	010YR02Hr	20.14	1.4333	2.38	0.91	16.4500	82.0	0.00	0.00
Pond B Basin	010YR03Hr	20.83	1.9167	2.53	1.02	16.4500	82.0	0.00	0.00
Pond B Basin	010YR06Hr	25.16	3.4000	3.04	1.41	16.4500	82.0	0.00	0.00
Pond B Basin	010YR12Hr	27.44	6.3500	3.54	1.82	16.4500	82.0	0.00	0.00
Pond B Basin	010YR24Hr	27.86	12.2833	4.06	2.26	16.4500	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
Basin	r								
Pond B Basin	100YR01hr	36.14	0.9333	3.01	1.39	16.4500	82.0	0.00	0.00
Pond B Basin	100YR02hr	43.68	1.4167	3.65	1.91	16.4500	82.0	0.00	0.00
Pond B Basin	100YR03hr	45.60	1.9167	3.94	2.16	16.4500	82.0	0.00	0.00
Pond B Basin	100YR06hr	52.79	3.3833	4.79	2.90	16.4500	82.0	0.00	0.00
Pond B Basin	100YR12hr	52.20	6.3333	5.38	3.43	16.4500	82.0	0.00	0.00
Pond B Basin	100YR24hr	47.21	12.2833	5.83	3.84	16.4500	82.0	0.00	0.00

Link Min/Max Conditions with Times [Existing Section 3 Offsite]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
AriesBlvd	002YR01HR	0.72	0.00	0.32	1.54	2.00	1.2806	0.0000	0.9635	1.3845	0.1010
AriesBlvd	002YR02HR	0.90	-0.63	-0.38	1.65	2.00	2.2785	1.4614	1.4614	2.2846	0.1010
AriesBlvd	002YR03HR	0.95	-0.75	-0.40	1.67	2.00	3.1975	1.8835	2.0442	3.2714	0.1010
AriesBlvd	002YR06HR	1.14	-1.45	0.51	1.76	2.00	5.2864	3.3658	3.6123	5.2884	0.1010
AriesBlvd	002YR12HR	1.31	-2.64	1.07	1.83	2.00	7.8140	6.2940	6.2943	7.7445	0.1010
AriesBlvd	002YR24HR	1.51	-2.93	0.95	1.90	2.02	13.8652	12.2273	12.8492	14.2363	14.2582
AriesBlvd	010YR01Hr	1.53	-2.80	-0.72	1.90	2.01	1.4291	0.8841	1.2313	1.5482	1.5482
AriesBlvd	010YR02Hr	1.77	-3.77	0.82	1.96	2.08	2.4316	1.3344	1.7176	2.7299	2.7299
AriesBlvd	010YR03Hr	1.84	-3.97	0.91	1.99	2.10	3.3177	1.8054	2.1880	3.5981	3.6158
AriesBlvd	010YR06Hr	2.19	-4.48	-1.32	2.09	2.21	5.5896	3.3543	3.6935	6.2360	6.2537
AriesBlvd	010YR12Hr	2.45	-4.62	-2.23	2.16	2.28	9.0119	6.2717	6.9017	9.5668	9.5810
AriesBlvd	010YR24Hr	2.70	-4.59	2.19	2.22	2.34	15.3830	12.1681	13.9179	15.7939	15.8068

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
AriesBlvd	100YR0 1hr	2.53	-5.03	1.55	2.18	2.29	2.7239	0.6795	2.0308	2.9704	2.9863
AriesBlvd	100YR0 2hr	3.11	-5.64	1.54	2.33	2.45	4.2562	1.6091	2.8731	4.3837	4.3837
AriesBlvd	100YR0 3hr	3.33	-6.01	0.46	2.38	2.50	5.2388	2.1193	3.8849	5.3032	5.3103
AriesBlvd	100YR0 6hr	3.82	-7.43	-1.91	2.48	2.60	8.0103	3.6826	5.7467	8.0360	8.0400
AriesBlvd	100YR1 2hr	3.90	-7.60	-1.86	2.50	2.62	12.4360	6.6565	8.8886	12.4360	12.4360
AriesBlvd	100YR2 4hr	3.87	-7.17	-1.70	2.49	2.61	18.4340	12.5808	14.8184	18.4814	18.4814
EX3-Ex2 42"	002YR0 1HR	10.27	0.00	-0.02	3.07	2.58	0.9518	0.0000	1.1783	0.9560	0.9560
EX3-Ex2 42"	002YR0 2HR	12.26	0.00	0.03	3.22	2.72	1.4138	0.0000	2.7798	1.4173	1.4173
EX3-Ex2 42"	002YR0 3HR	12.88	0.00	-0.04	3.27	2.76	1.9031	0.0000	3.8114	1.9050	1.9050
EX3-Ex2 42"	002YR0 6HR	17.48	0.00	-0.15	3.56	3.06	3.3624	0.0000	4.5564	3.3661	3.3599
EX3-Ex2 42"	002YR1 2HR	22.96	0.00	0.32	3.85	3.37	6.2863	0.0000	7.6091	6.2863	6.2789
EX3-Ex2 42"	002YR2 4HR	27.72	0.00	0.78	4.00	3.62	12.2265	0.0000	13.0281	12.2070	12.2195
EX3-Ex2 42"	010YR0 1Hr	27.10	0.00	-0.49	3.96	3.57	0.8790	0.0000	1.6962	0.8722	0.8730
EX3-Ex2 42"	010YR0 2Hr	33.39	0.00	-1.31	4.15	3.88	1.3581	0.0000	2.6434	1.3540	1.3561
EX3-Ex2 42"	010YR0 3Hr	34.55	0.00	-1.24	4.19	3.94	1.8472	0.0000	3.5754	1.8884	1.8724
EX3-Ex2 42"	010YR0 6Hr	37.82	0.00	1.45	4.33	4.15	3.3842	0.0000	4.6645	3.4684	3.4501
EX3-Ex2 42"	010YR1 2Hr	39.40	0.00	0.96	4.39	4.24	6.3549	0.0000	7.8286	6.4596	6.4243
EX3-Ex2 42"	010YR2 4Hr	39.96	0.00	-1.63	4.38	4.26	12.2823	0.0000	13.3793	12.2835	12.2835
EX3-Ex2 42"	100YR0 1hr	42.59	0.00	-4.27	4.51	4.45	0.9805	0.0000	2.0725	1.0841	1.0138
EX3-Ex2 42"	100YR0 2hr	45.45	-1.20	4.85	4.72	4.72	1.4730	2.8129	3.3756	1.4730	1.4730
EX3-Ex2 42"	100YR0 3hr	46.34	0.00	4.36	4.82	4.82	1.9596	3.4561	4.0444	1.9596	1.9596
EX3-Ex2 42"	100YR0 6hr	49.62	0.00	3.83	5.16	5.16	3.4144	0.0000	6.9771	3.4144	3.4144
EX3-Ex2 42"	100YR1	49.22	0.00	-1.65	5.12	5.12	6.3098	0.0000	10.4636	6.3098	6.3098

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
42"	2hr										
EX3-Ex2 42"	100YR2 4hr	45.71	0.00	-1.59	4.75	4.75	12.1577	0.0000	16.5312	12.1577	12.1577
EX8-Ex9 24"	002YR0 1HR	0.76	0.00	0.13	1.69	1.93	1.2540	0.0000	0.9640	1.2935	0.1596
EX8-Ex9 24"	002YR0 2HR	0.90	-0.63	0.16	1.76	1.93	2.2880	1.3689	1.4970	2.3112	0.1596
EX8-Ex9 24"	002YR0 3HR	0.95	-0.79	0.19	1.79	1.93	3.2284	1.8548	2.0442	3.2454	0.1596
EX8-Ex9 24"	002YR0 6HR	1.14	-1.53	0.25	1.88	1.99	5.0554	3.2927	3.6090	5.2830	6.7082
EX8-Ex9 24"	002YR1 2HR	1.31	-2.34	0.29	1.95	1.98	7.2477	6.2345	6.6295	7.8778	12.6874
EX8-Ex9 24"	002YR2 4HR	1.52	-2.98	0.35	2.02	1.93	13.7838	12.1839	12.7598	14.1209	0.1596
EX8-Ex9 24"	010YR0 1Hr	1.62	-2.92	0.31	2.04	2.15	1.4044	0.7827	1.2313	1.4921	2.5153
EX8-Ex9 24"	010YR0 2Hr	1.82	-3.93	0.41	2.10	2.22	2.4304	1.2952	1.7966	2.6822	4.2871
EX8-Ex9 24"	010YR0 3Hr	1.89	-4.17	0.43	2.12	2.25	3.3021	1.7840	2.3054	3.5673	4.7544
EX8-Ex9 24"	010YR0 6Hr	2.21	-5.19	-0.80	2.22	2.36	5.5758	3.1924	3.8896	6.2092	7.3894
EX8-Ex9 24"	010YR1 2Hr	2.47	-5.36	-0.75	2.28	2.39	9.0109	6.1193	7.2558	9.5338	12.7453
EX8-Ex9 24"	010YR2 4Hr	2.72	-5.09	0.77	2.35	2.24	15.3830	12.0353	13.7831	15.7665	24.6612
EX8-Ex9 24"	100YR0 1hr	3.17	-6.40	-0.40	2.31	-2.04	1.5406	0.6793	1.9409	2.9424	0.6793
EX8-Ex9 24"	100YR0 2hr	3.15	-7.31	-0.72	2.46	2.64	4.2499	1.5789	2.8731	4.3507	5.6745
EX8-Ex9 24"	100YR0 3hr	3.36	-8.12	-0.05	-2.59	2.70	5.2178	2.0883	3.8840	2.0883	6.6402
EX8-Ex9 24"	100YR0 6hr	3.84	-11.25	-0.67	-3.58	-3.58	8.0083	3.6384	5.9676	3.6384	3.6384
EX8-Ex9 24"	100YR1 2hr	3.91	-11.66	-0.68	-3.71	-3.71	12.4160	6.6096	9.0668	6.6096	6.6096
EX8-Ex9 24"	100YR2 4hr	3.87	-10.78	-0.57	-3.43	-3.43	18.4196	12.5375	15.0815	12.5375	12.5375
Ex1-Pond B	002YR0 1HR	11.16	0.00	0.03	3.14	4.78	0.9506	0.0000	0.8277	0.9574	0.9574
Ex1-Pond B	002YR0 2HR	13.42	0.00	0.14	3.30	5.00	1.4098	0.0000	2.7798	1.4142	1.4142
Ex1-Pond B	002YR0 3HR	14.10	0.00	0.23	3.35	5.06	1.8990	0.0000	3.8127	1.9035	1.9035

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex1-Pond B	002YR0 6HR	19.06	0.00	0.33	3.65	5.44	3.3648	0.0000	11.6700	3.3695	3.3695
Ex1-Pond B	002YR1 2HR	24.94	0.00	0.44	3.94	5.79	6.2982	0.0000	7.6091	6.3019	6.3019
Ex1-Pond B	002YR2 4HR	29.95	0.00	0.79	4.18	6.11	12.2315	0.0000	13.0281	12.2345	12.2345
Ex1-Pond B	010YR0 1Hr	29.54	0.00	-0.85	4.16	6.09	0.8808	0.0000	2.0862	0.8862	0.8862
Ex1-Pond B	010YR0 2Hr	36.36	0.00	-1.37	4.47	6.46	1.3604	0.0000	2.6434	1.3635	1.3635
Ex1-Pond B	010YR0 3Hr	37.66	0.00	-1.33	4.53	6.51	1.8401	0.0000	3.6922	1.8453	1.8453
Ex1-Pond B	010YR0 6Hr	41.32	0.00	1.53	4.70	6.72	3.3169	0.0000	4.6645	3.3233	3.3233
Ex1-Pond B	010YR1 2Hr	43.11	0.00	1.13	4.80	6.87	6.2785	0.0000	7.8286	6.2847	6.2847
Ex1-Pond B	010YR2 4Hr	43.66	0.00	1.34	4.83	6.86	12.2306	0.0000	13.8126	12.2362	12.1473
Ex1-Pond B	100YR0 1hr	47.25	0.00	2.88	5.04	7.09	0.8579	0.0000	2.0286	0.8666	0.8579
Ex1-Pond B	100YR0 2hr	50.95	-0.87	3.01	5.30	7.42	1.3552	2.7487	3.5136	1.3555	1.4039
Ex1-Pond B	100YR0 3hr	52.00	0.00	3.16	5.40	7.52	1.8492	0.0000	4.2822	1.8492	1.8492
Ex1-Pond B	100YR0 6hr	55.98	0.00	2.93	5.82	7.76	3.3280	0.0000	7.0701	3.3280	3.2755
Ex1-Pond B	100YR1 2hr	56.15	0.00	1.45	5.84	7.72	6.2861	0.0000	10.6579	6.2861	6.2000
Ex1-Pond B	100YR2 4hr	52.58	0.00	1.44	5.46	6.86	12.1406	0.0000	16.9125	12.1406	11.9842
Ex4-Ex3 36"	002YR0 1HR	9.57	0.00	0.01	2.61	3.17	0.9589	0.0000	0.8430	0.9640	0.9640
Ex4-Ex3 36"	002YR0 2HR	11.38	0.00	0.02	2.78	3.33	1.4193	0.0000	1.2831	1.4217	1.4311
Ex4-Ex3 36"	002YR0 3HR	11.96	0.00	0.02	2.83	3.38	1.9065	0.0000	1.7556	1.9107	1.9175
Ex4-Ex3 36"	002YR0 6HR	16.28	0.00	-0.02	3.18	3.73	3.3689	0.0000	4.2280	3.3707	3.3717
Ex4-Ex3 36"	002YR1 2HR	21.37	0.00	-0.02	3.54	4.08	6.2986	0.0000	7.1790	6.3010	6.3019
Ex4-Ex3 36"	002YR2 4HR	25.83	0.00	-0.11	3.84	4.31	12.2321	0.0000	12.9037	12.2321	12.2337
Ex4-Ex3 36"	010YR0 1Hr	25.19	0.00	-0.02	3.79	4.25	0.8847	0.0000	1.6967	0.8847	0.8847
Ex4-Ex3	010YR0	31.08	0.00	-0.06	4.40	4.60	1.3666	0.0000	2.6436	1.3666	1.3695

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
36"	2Hr										
Ex4-Ex3 36"	010YR0 3Hr	32.26	0.00	-0.05	4.56	4.71	1.8795	0.0000	3.1785	1.8795	1.8959
Ex4-Ex3 36"	010YR0 6Hr	35.92	0.00	-0.23	5.08	5.09	3.4497	0.0000	5.0108	3.4497	3.4652
Ex4-Ex3 36"	010YR1 2Hr	37.40	0.00	0.25	5.29	5.29	6.4250	0.0000	8.3852	6.4250	6.4250
Ex4-Ex3 36"	010YR2 4Hr	37.45	0.00	0.29	5.30	5.30	12.2857	0.0000	13.3549	12.2857	12.2857
Ex4-Ex3 36"	100YR0 1hr	40.28	0.00	2.48	5.70	5.70	1.0574	0.0000	1.8191	1.0574	1.0574
Ex4-Ex3 36"	100YR0 2hr	42.80	-1.17	2.64	6.06	6.06	1.5339	2.7886	3.1221	1.5339	1.5339
Ex4-Ex3 36"	100YR0 3hr	43.63	0.00	2.76	6.17	6.17	2.0114	0.0000	3.9994	2.0114	2.0114
Ex4-Ex3 36"	100YR0 6hr	45.73	0.00	-1.82	6.47	6.47	3.4156	0.0000	6.6842	3.4156	3.4156
Ex4-Ex3 36"	100YR1 2hr	44.20	0.00	-0.33	6.25	6.25	6.3136	0.0000	11.1211	6.3136	6.3136
Ex4-Ex3 36"	100YR2 4hr	39.61	0.00	-0.25	5.60	5.60	12.3148	0.0000	17.1174	12.3148	12.3148
Ex6-Ex5 30"	002YR0 1HR	8.32	0.00	-0.01	2.61	2.57	0.9635	0.0000	1.1783	0.9682	0.9682
Ex6-Ex5 30"	002YR0 2HR	9.81	0.00	-0.01	2.75	2.73	1.4235	0.0000	1.8334	1.4320	1.4320
Ex6-Ex5 30"	002YR0 3HR	10.31	0.00	0.01	2.79	2.78	1.9086	0.0000	1.8145	1.9175	1.9175
Ex6-Ex5 30"	002YR0 6HR	14.13	0.00	-0.02	3.16	3.21	3.3683	0.0000	4.2280	3.3683	3.3683
Ex6-Ex5 30"	002YR1 2HR	18.74	0.00	-0.05	3.82	3.82	6.2944	0.0000	6.3288	6.2944	6.2944
Ex6-Ex5 30"	002YR2 4HR	22.88	0.00	0.13	4.66	4.66	12.2268	0.0000	12.9044	12.2268	12.2268
Ex6-Ex5 30"	010YR0 1Hr	21.96	0.00	-0.02	4.47	4.47	0.8837	0.0000	1.5927	0.8837	0.8837
Ex6-Ex5 30"	010YR0 2Hr	27.21	0.00	-0.05	5.54	5.54	1.3653	0.0000	2.0994	1.3653	1.3653
Ex6-Ex5 30"	010YR0 3Hr	28.35	0.00	-0.05	5.78	5.78	1.8891	0.0000	3.1785	1.8891	1.8891
Ex6-Ex5 30"	010YR0 6Hr	32.24	0.00	-0.29	6.57	6.57	3.4909	0.0000	5.0108	3.4909	3.4909
Ex6-Ex5 30"	010YR1 2Hr	33.87	0.00	-0.33	6.90	6.90	6.5244	0.0000	7.9914	6.5244	6.5244
Ex6-Ex5 30"	010YR2 4Hr	32.75	0.00	-0.18	6.67	6.67	12.2966	0.0000	14.5841	12.2966	12.2966

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex6-Ex5 30"	100YR0 1hr	36.26	0.00	1.59	7.39	7.39	1.1173	0.0000	1.7652	1.1173	1.1173
Ex6-Ex5 30"	100YR0 2hr	37.32	-1.08	1.38	7.60	7.60	1.5462	2.7886	3.1221	1.5462	1.5462
Ex6-Ex5 30"	100YR0 3hr	37.62	0.00	1.39	7.66	7.66	2.0170	0.0000	3.4424	2.0170	2.0170
Ex6-Ex5 30"	100YR0 6hr	37.63	0.00	0.37	7.67	7.67	3.4363	0.0000	7.2825	3.4363	3.4363
Ex6-Ex5 30"	100YR1 2hr	35.62	0.00	-0.39	7.26	7.26	6.4527	0.0000	11.1211	6.4527	6.4527
Ex6-Ex5 30"	100YR2 4hr	32.86	0.00	-0.34	6.69	6.69	12.3945	0.0000	17.1174	12.3945	12.3945
Ex7-Ex6 30"	002YR0 1HR	1.53	0.00	0.01	1.63	1.86	1.1384	0.0000	0.9296	1.6769	0.2061
Ex7-Ex6 30"	002YR0 2HR	1.66	0.00	0.04	1.73	1.86	1.6917	0.0000	1.4197	2.5762	0.2061
Ex7-Ex6 30"	002YR0 3HR	1.68	0.00	-0.04	1.75	1.86	2.1822	0.0000	1.9046	3.5188	0.2061
Ex7-Ex6 30"	002YR0 6HR	1.94	-0.36	-0.05	1.82	1.86	3.7672	3.2169	3.3683	6.4367	0.2061
Ex7-Ex6 30"	002YR1 2HR	2.15	-0.83	-0.77	1.81	1.86	6.7777	6.1492	6.3291	12.2954	0.2061
Ex7-Ex6 30"	002YR2 4HR	1.94	-1.01	0.48	1.85	1.86	13.4494	12.1026	12.2515	18.6016	0.2061
Ex7-Ex6 30"	010YR0 1Hr	2.62	-1.23	-0.21	1.90	1.86	1.3261	0.7170	1.0531	2.4590	0.2061
Ex7-Ex6 30"	010YR0 2Hr	2.42	-2.16	-0.23	1.96	1.86	2.2132	1.2139	1.5817	3.8008	0.2061
Ex7-Ex6 30"	010YR0 3Hr	2.40	-2.35	-0.23	1.98	1.86	3.1634	1.6982	2.0796	4.6897	0.2061
Ex7-Ex6 30"	010YR0 6Hr	5.07	-3.12	-1.14	2.08	1.86	3.6209	3.1382	3.8892	7.3490	0.2061
Ex7-Ex6 30"	010YR1 2Hr	5.02	-2.84	-1.05	2.13	1.86	6.7052	6.0651	7.3511	12.5160	0.2061
Ex7-Ex6 30"	010YR2 4Hr	3.10	-2.00	-0.91	2.06	1.86	15.3787	12.6505	12.9754	20.5159	0.2061
Ex7-Ex6 30"	100YR0 1hr	6.78	-4.66	0.64	1.38	1.86	1.5397	0.6474	1.7473	1.5397	0.2061
Ex7-Ex6 30"	100YR0 2hr	5.40	-10.31	0.93	2.30	-2.10	2.0932	1.4727	2.8731	5.6483	1.4727
Ex7-Ex6 30"	100YR0 3hr	5.97	-12.00	0.36	-2.44	-2.44	2.6659	1.9671	3.8840	1.9671	1.9671
Ex7-Ex6 30"	100YR0 6hr	6.64	-17.51	0.27	-3.57	-3.57	4.4450	3.4518	6.0841	3.4518	3.4518
Ex7-Ex6 30"	100YR1	6.49	-18.15	-0.34	-3.70	-3.70	7.5875	6.4195	9.1758	6.4195	6.4195



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
30"	2hr										
Ex7-Ex6 30"	100YR2 4hr	5.37	-16.70	-0.29	-3.40	-3.40	13.4648	12.3622	14.8773	12.3622	12.3622
ExOff-PondB	002YR0 1HR	2.30	0.00	0.02	2.19	4.25	0.8759	0.0000	1.8001	0.8846	0.8852
ExOff-PondB	002YR0 2HR	3.00	0.00	0.02	2.35	4.60	1.3481	0.0000	2.7151	1.3566	1.3570
ExOff-PondB	002YR0 3HR	3.21	0.00	0.02	2.39	4.69	1.8386	0.0000	3.6633	1.8451	1.8455
ExOff-PondB	002YR0 6HR	4.55	0.00	0.02	2.63	5.19	3.3008	0.0000	6.5974	3.3069	3.3079
ExOff-PondB	002YR1 2HR	6.05	0.00	0.02	2.84	5.64	6.2515	0.0000	12.5202	6.2574	6.2577
ExOff-PondB	002YR2 4HR	7.29	0.00	-0.02	2.99	2.04	12.1942	0.0000	11.4606	12.2007	12.1379
ExOff-PondB	010YR0 1Hr	7.13	0.00	0.02	2.97	5.91	0.8407	0.0000	1.9308	0.8446	0.8460
ExOff-PondB	010YR0 2Hr	8.98	0.00	0.02	3.17	6.31	1.3223	0.0000	2.8373	1.3287	1.3225
ExOff-PondB	010YR0 3Hr	9.43	0.00	0.02	3.22	6.39	1.8136	0.0000	3.7822	1.8199	1.8137
ExOff-PondB	010YR0 6Hr	12.15	0.00	0.02	3.47	6.85	3.2866	0.0000	6.7088	3.2903	3.2914
ExOff-PondB	010YR1 2Hr	13.78	0.00	0.02	3.61	7.06	6.2433	0.0000	12.6166	6.2474	6.2166
ExOff-PondB	010YR2 4Hr	14.22	0.00	-0.02	3.65	2.90	12.1896	0.0000	10.4405	12.1933	12.1896
ExOff-PondB	100YR0 1hr	17.88	0.00	0.02	3.99	7.59	0.8360	0.0000	2.0474	0.8394	0.8395
ExOff-PondB	100YR0 2hr	22.19	0.00	-0.04	4.52	7.98	1.3359	0.0000	2.4016	1.3389	1.3098
ExOff-PondB	100YR0 3hr	23.38	0.00	0.02	4.76	8.05	1.8288	0.0000	4.4532	1.8288	1.7852
ExOff-PondB	100YR0 6hr	27.52	0.00	-0.03	5.61	8.08	3.3136	0.0000	3.6345	3.3136	3.1966
ExOff-PondB	100YR1 2hr	27.52	0.00	-0.04	5.61	5.61	6.2719	0.0000	6.5204	6.2719	6.2719
ExOff-PondB	100YR2 4hr	25.06	0.00	-0.03	5.11	5.11	12.2121	0.0000	12.3946	12.2121	12.2121
ExPond1 Outlet	002YR0 1HR	0.71	0.00	0.01	1.44	2.35	1.3737	0.0000	0.9640	1.4284	1.4075
ExPond1 Outlet	002YR0 2HR	0.90	-0.58	-0.02	1.58	2.55	2.2736	1.4004	1.2885	2.2886	2.2341
ExPond1 Outlet	002YR0 3HR	0.95	-0.74	0.02	1.61	2.59	3.1776	1.8924	2.0442	3.2365	3.1653

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
ExPond1 Outlet	002YR0 6HR	1.14	-1.44	0.02	-1.84	-2.97	5.2266	3.3695	3.6010	3.3695	3.3287
ExPond1 Outlet	002YR1 2HR	1.31	-2.14	0.03	-2.72	-4.12	7.8104	6.3093	6.6210	6.3093	6.2883
ExPond1 Outlet	002YR2 4HR	1.50	-2.85	-0.06	-3.63	-4.68	13.8922	12.2301	12.6798	12.2301	12.2284
ExPond1 Outlet	010YR0 1Hr	1.49	-2.81	0.03	-3.57	-4.55	1.4605	0.9041	1.2194	0.9041	0.8494
ExPond1 Outlet	010YR0 2Hr	1.75	-3.73	0.03	-4.74	-5.39	2.4358	1.3655	1.7796	1.3655	1.3657
ExPond1 Outlet	010YR0 3Hr	1.83	-3.92	-0.02	-5.00	-5.55	3.3152	1.9002	1.6297	1.9002	1.8709
ExPond1 Outlet	010YR0 6Hr	2.18	-4.43	0.05	-5.64	-5.92	5.6247	3.3590	3.9566	3.3590	3.3084
ExPond1 Outlet	010YR1 2Hr	2.44	-4.53	0.03	-5.77	-6.01	9.0217	6.2724	7.3260	6.2724	6.2298
ExPond1 Outlet	010YR2 4Hr	2.69	-4.47	0.02	-5.69	-5.91	15.3783	12.1680	13.6884	12.1680	12.1251
ExPond1 Outlet	100YR0 1hr	2.51	-4.63	-0.02	-5.90	-6.12	2.7235	0.7992	0.6061	0.7992	0.7735
ExPond1 Outlet	100YR0 2hr	3.10	-4.69	-0.02	-5.97	-6.21	4.2563	1.2507	1.0802	1.2507	1.2318
ExPond1 Outlet	100YR0 3hr	3.32	-4.69	-0.02	-5.98	-6.21	5.2369	1.7306	1.5608	1.7306	1.7125
ExPond1 Outlet	100YR0 6hr	3.82	-4.67	-0.02	-5.94	-6.17	8.0263	3.1660	2.9812	3.1660	3.1489
ExPond1 Outlet	100YR1 2hr	3.90	-4.60	-0.02	-5.85	-5.96	12.4414	6.2092	5.8464	6.2092	6.0674
ExPond1 Outlet	100YR2 4hr	3.86	-4.52	-0.03	-5.75	-5.75	18.4391	12.1579	11.6692	12.1579	12.1579
Ninevah RdCulver	002YR0 1HR	7.64	0.00	0.02	2.71	4.68	0.8505	0.0000	1.8906	0.8546	0.8557
Ninevah RdCulver	002YR0 2HR	9.36	0.00	0.02	2.87	4.99	1.3338	0.0000	2.7840	1.3390	1.3398
Ninevah RdCulver	002YR0 3HR	9.77	0.00	0.02	2.90	5.06	1.8210	9.0034	3.7238	1.8253	1.8261
Ninevah RdCulver	002YR0 6HR	12.51	-0.03	0.02	3.11	5.47	3.2933	9.3280	6.6475	3.3037	3.2999
Ninevah RdCulver	002YR1 2HR	15.09	0.00	-0.02	3.28	5.80	6.2508	0.0000	5.3304	6.2544	6.2515

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ninevah RdCulver	002YR2 4HR	16.95	0.00	0.02	3.40	2.64	12.1972	0.0000	24.4556	12.2022	12.2022
Ninevah RdCulver	010YR0 1Hr	18.62	0.00	0.02	3.49	6.18	0.8362	0.0000	2.0246	0.8411	0.8411
Ninevah RdCulver	010YR0 2Hr	22.35	0.00	0.02	3.70	6.53	1.3217	0.0000	2.9032	1.3244	1.3238
Ninevah RdCulver	010YR0 3Hr	23.06	0.00	0.02	3.74	6.59	1.8149	9.0012	3.8406	1.8181	1.8115
Ninevah RdCulver	010YR0 6Hr	27.91	-0.02	0.02	4.02	6.96	3.2864	9.3247	6.7579	3.2884	3.2895
Ninevah RdCulver	010YR1 2Hr	30.37	0.00	0.02	4.20	7.03	6.2401	0.0000	6.1445	6.2421	6.1886
Ninevah RdCulver	010YR2 4Hr	30.40	0.00	-0.03	4.20	4.72	12.1891	0.0000	9.0021	12.1900	12.1900
Ninevah RdCulver	100YR0 1hr	40.84	0.00	0.03	5.53	7.69	0.8340	0.0000	0.7157	0.8340	0.8358
Ninevah RdCulver	100YR0 2hr	49.18	0.00	0.03	6.66	7.97	1.3367	0.0000	1.2166	1.3367	1.3401
Ninevah RdCulver	100YR0 3hr	51.09	0.00	-0.03	6.92	8.00	1.8320	9.0008	1.9465	1.8320	1.8378
Ninevah RdCulver	100YR0 6hr	58.15	-0.02	0.03	7.87	8.19	3.3243	9.3216	3.1042	3.3243	3.3243
Ninevah RdCulver	100YR1 2hr	57.30	0.00	0.03	7.76	8.09	6.2812	0.0000	6.0643	6.2812	6.2812
Ninevah RdCulver	100YR2 4hr	51.66	0.00	-0.03	6.99	7.39	12.2155	0.0000	12.4129	12.2155	12.2269
Pond B Outlet	002YR0 1HR	2.62	0.00	-0.02	2.36	4.99	1.7016	0.0000	0.9270	1.7307	1.7318
Pond B Outlet	002YR0 2HR	5.15	0.00	-0.01	2.85	6.06	2.3930	0.0000	1.3664	2.4156	2.4164
Pond B Outlet	002YR0 3HR	5.82	0.00	-0.02	2.95	6.27	3.2144	0.0000	1.8436	3.2387	3.2156

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Pond B Outlet	002YR0 6HR	7.94	-2.75	-0.11	3.25	6.83	4.4924	11.9996	9.8787	4.5420	4.5481
Pond B Outlet	002YR1 2HR	10.81	0.00	0.27	3.66	3.64	7.2167	0.0000	12.0085	7.2403	7.0939
Pond B Outlet	002YR2 4HR	16.85	-4.44	0.12	5.36	5.36	12.8375	11.8899	12.0602	12.8375	12.8375
Pond B Outlet	010YR0 1Hr	11.27	0.00	-0.02	3.74	7.49	1.5051	0.0000	0.7732	1.5134	1.5140
Pond B Outlet	010YR0 2Hr	15.80	0.00	-0.02	5.03	8.12	2.2214	0.0000	1.2383	2.2214	2.2416
Pond B Outlet	010YR0 3Hr	16.33	0.00	-0.02	5.20	8.18	2.7591	0.0000	1.7206	2.7591	2.7598
Pond B Outlet	010YR0 6Hr	19.63	-1.76	-0.15	6.25	8.48	4.1108	12.0001	10.5342	4.1108	4.1240
Pond B Outlet	010YR1 2Hr	22.41	0.00	-0.02	7.13	7.33	6.9843	0.0000	5.9664	6.9843	6.9843
Pond B Outlet	010YR2 4Hr	26.07	-3.71	0.09	8.30	8.30	12.8269	11.4534	11.7995	12.8269	12.8269
Pond B Outlet	100YR0 1hr	24.88	0.00	-0.02	7.92	8.67	1.5443	0.0000	0.6936	1.5443	1.7523
Pond B Outlet	100YR0 2hr	29.04	0.00	-0.02	9.24	9.48	2.4016	0.0000	1.1598	2.4016	2.4016
Pond B Outlet	100YR0 3hr	29.96	0.00	-0.02	9.54	9.78	3.0909	0.0000	1.6331	3.0909	3.0909
Pond B Outlet	100YR0 6hr	32.24	0.00	-0.06	10.26	10.52	4.6457	0.0000	11.8178	4.6457	4.6457
Pond B Outlet	100YR1 2hr	33.06	0.00	-0.02	10.52	10.81	7.4617	0.0000	5.2597	7.4617	7.4617
Pond B Outlet	100YR2 4hr	33.29	-2.19	0.13	10.60	10.60	13.2954	10.4109	10.8224	13.2954	13.2954
Virgo Dr	002YR0 1HR	8.95	0.00	-0.01	2.76	2.82	0.9522	0.0000	1.1783	0.9444	0.9444
Virgo Dr	002YR0 2HR	10.62	0.00	0.01	2.95	3.01	1.4090	0.0000	1.2709	1.4032	1.4024
Virgo Dr	002YR0 3HR	11.17	0.00	-0.04	3.01	3.08	1.8998	0.0000	2.9395	1.8956	1.8871
Virgo Dr	002YR0 6HR	15.26	0.00	-0.08	3.47	3.56	3.3599	0.0000	4.2357	3.3535	3.3535
Virgo Dr	002YR1 2HR	20.16	0.00	-0.08	4.11	4.17	6.2900	0.0000	7.1776	6.2900	6.2887
Virgo Dr	002YR2 4HR	24.47	0.00	-0.55	4.99	4.99	12.2225	0.0000	12.9044	12.2225	12.2225
Virgo Dr	010YR0 1Hr	23.71	0.00	-0.03	4.83	4.83	0.8763	0.0000	1.5901	0.8763	0.8763
Virgo Dr	010YR0	29.31	0.00	0.19	5.97	5.97	1.3604	0.0000	2.6058	1.3604	1.3604

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2Hr										
Virgo Dr	010YR0 3Hr	30.41	0.00	-0.19	6.19	6.19	1.8761	0.0000	3.4350	1.8761	1.8761
Virgo Dr	010YR0 6Hr	33.88	0.00	1.42	6.90	6.90	3.4656	0.0000	5.0108	3.4656	3.4656
Virgo Dr	010YR1 2Hr	35.35	0.00	-1.97	7.20	7.20	6.4624	0.0000	8.3871	6.4624	6.4624
Virgo Dr	010YR2 4Hr	35.09	0.00	0.70	7.15	7.15	12.2883	0.0000	14.9716	12.2883	12.2883
Virgo Dr	100YR0 1hr	38.01	0.00	-3.74	7.74	7.74	1.1138	1.7476	1.9376	1.1138	1.1138
Virgo Dr	100YR0 2hr	39.75	-1.30	3.72	8.10	8.10	1.5431	2.7884	3.4089	1.5431	1.5431
Virgo Dr	100YR0 3hr	40.28	0.00	4.07	8.21	8.21	2.0129	0.0000	4.4330	2.0129	2.0129
Virgo Dr	100YR0 6hr	41.39	0.00	2.90	8.43	8.43	3.4191	0.0000	6.6842	3.4191	3.4191
Virgo Dr	100YR1 2hr	39.81	0.00	1.62	8.11	8.11	6.3229	0.0000	11.1211	6.3229	6.3229
Virgo Dr	100YR2 4hr	35.87	0.00	1.54	7.31	7.31	12.3376	0.0000	17.1174	12.3376	12.3376
WindstarDr	002YR0 1HR	10.86	0.00	-0.05	2.72	3.05	0.9491	0.0000	2.2475	0.9491	0.9428
WindstarDr	002YR0 2HR	13.03	0.00	-0.59	2.89	3.21	1.4051	0.0000	2.7798	1.4051	1.4051
WindstarDr	002YR0 3HR	13.69	0.00	-0.83	2.93	3.25	1.8963	0.0000	3.8127	1.8963	1.8963
WindstarDr	002YR0 6HR	18.52	0.00	-1.15	3.24	3.54	3.3638	0.0000	4.5660	3.3609	3.3609
WindstarDr	002YR1 2HR	24.25	0.00	-1.97	3.56	3.84	6.2960	0.0000	7.6091	6.2867	6.2853
WindstarDr	002YR2 4HR	29.18	0.00	4.00	3.81	4.07	12.2289	0.0000	13.2232	12.2248	12.2225
WindstarDr	010YR0 1Hr	28.70	0.00	3.06	3.78	4.04	0.8814	0.0000	1.9159	0.8814	0.8814
WindstarDr	010YR0 2Hr	35.33	0.00	4.16	4.11	4.34	1.3592	0.0000	2.6434	1.3581	1.3581
WindstarDr	010YR0 3Hr	36.58	0.00	4.69	4.17	4.40	1.8425	0.0000	3.5754	1.8464	1.8544
WindstarDr	010YR0 6Hr	40.06	0.00	6.89	4.37	4.57	3.3419	0.0000	4.6720	3.3570	3.3696
WindstarDr	010YR1 2Hr	41.77	0.00	5.50	4.47	4.65	6.2851	0.0000	7.8499	6.3126	6.3270
WindstarDr	010YR2 4Hr	42.34	0.00	-7.98	4.50	4.68	12.2427	0.0000	13.0685	12.2567	12.2656

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
WindstarDr	100YR0 1hr	45.49	0.00	-7.14	4.73	4.85	0.8992	1.6297	1.5778	0.9036	0.9193
WindstarDr	100YR0 2hr	48.87	-1.42	6.36	5.08	5.09	1.3893	2.8044	3.6741	1.3893	1.3996
WindstarDr	100YR0 3hr	49.86	0.00	-7.54	5.18	5.18	1.8835	3.4281	3.3963	1.8835	1.8835
WindstarDr	100YR0 6hr	53.61	0.00	8.26	5.57	5.57	3.3692	6.4629	6.3528	3.3692	3.3692
WindstarDr	100YR1 2hr	53.75	0.00	8.16	5.59	5.59	6.3075	0.0000	9.0001	6.3075	6.3075
WindstarDr	100YR2 4hr	50.09	0.00	-7.77	5.21	5.21	12.1409	0.0000	16.2782	12.1409	12.1409

Link Min/Max Conditions with Times [Existing Section 3 Onsite]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
AriesBlvd	002YR0 1HR	0.79	0.00	0.21	1.58	2.00	1.6930	0.0000	0.9349	1.7623	0.1010
AriesBlvd	002YR0 2HR	1.02	-0.62	0.39	1.70	2.00	2.4581	1.3847	1.5473	2.4581	0.1010
AriesBlvd	002YR0 3HR	1.08	-0.77	-0.40	1.73	2.00	3.3775	1.8737	2.0507	3.3461	0.1010
AriesBlvd	002YR0 6HR	1.29	-1.43	0.47	1.82	2.00	5.4246	3.3616	3.6150	5.4997	0.1010
AriesBlvd	002YR1 2HR	1.46	-3.05	1.72	1.89	2.00	8.0500	6.2892	6.2895	8.0500	8.0500
AriesBlvd	002YR2 4HR	1.61	-3.04	1.01	1.93	2.05	13.7066	12.2150	12.8080	14.1863	14.3395
AriesBlvd	010YR0 1Hr	1.56	-2.87	0.75	1.92	2.03	1.4304	0.8506	1.2183	1.6383	1.6349
AriesBlvd	010YR0 2Hr	1.94	-3.88	0.90	2.02	2.14	2.4219	1.3298	1.8849	2.6694	2.6946
AriesBlvd	010YR0 3Hr	2.03	-4.04	1.19	2.05	2.16	3.3170	1.7719	2.3822	3.5829	3.5829
AriesBlvd	010YR0 6Hr	2.39	-4.55	1.70	2.15	2.27	5.6476	3.4320	4.0778	6.2365	6.2365
AriesBlvd	010YR1 2Hr	2.65	-4.77	-1.98	2.22	2.33	9.0977	6.3595	7.4125	9.5643	9.5823
AriesBlvd	010YR2	2.88	-4.80	1.94	2.28	2.39	15.4599	12.2490	13.8779	15.8131	15.8102

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
d	4Hr										
AriesBlvd	100YR0	2.73	-5.06	1.70	2.23	2.35	2.7343	0.9051	1.9573	2.9789	2.9789
d	1hr										
AriesBlvd	100YR0	3.31	-5.91	0.50	2.38	2.49	4.3002	1.5960	2.7334	4.3880	4.3880
d	2hr										
AriesBlvd	100YR0	3.52	-6.29	-0.62	2.42	2.54	5.2781	2.1027	3.6960	5.3102	5.3152
d	3hr										
AriesBlvd	100YR0	3.93	-7.71	-1.84	2.50	2.62	8.0379	3.6609	5.7124	8.0720	8.0798
d	6hr										
AriesBlvd	100YR1	4.07	-7.85	-1.91	2.52	2.65	12.4374	6.6335	9.1769	12.4718	12.4718
d	2hr										
AriesBlvd	100YR2	3.99	-7.39	-1.84	2.51	2.63	18.5053	12.5574	14.6740	18.5492	18.5492
d	4hr										
EX3-Ex2	002YR0	9.46	0.00	-0.01	2.86	2.13	0.9490	0.0000	1.2277	0.9553	0.9553
42"	1HR										
EX3-Ex2	002YR0	11.29	0.00	-0.02	2.93	2.26	1.4110	0.0000	2.9838	1.4110	1.4110
42"	2HR										
EX3-Ex2	002YR0	11.86	0.00	-0.06	2.96	2.29	1.8925	0.0000	2.9907	1.8925	1.8925
42"	3HR										
EX3-Ex2	002YR0	16.16	0.00	-0.16	3.11	2.56	3.3567	0.0000	4.1918	3.3531	3.3567
42"	6HR										
EX3-Ex2	002YR1	21.23	0.00	-0.30	3.27	2.83	6.2825	0.0000	7.3312	6.2806	6.2806
42"	2HR										
EX3-Ex2	002YR2	26.18	0.00	-0.63	3.58	3.19	12.2238	0.0000	13.4502	12.2827	12.2688
42"	4HR										
EX3-Ex2	010YR0	25.22	0.00	-0.32	3.38	3.03	0.8687	0.0000	1.9153	0.8687	0.8687
42"	1Hr										
EX3-Ex2	010YR0	30.82	0.00	-1.23	3.57	3.34	1.3463	0.0000	2.8225	1.3873	1.3545
42"	2Hr										
EX3-Ex2	010YR0	31.52	0.00	-0.98	3.61	3.39	1.8540	0.0000	3.7397	1.8951	1.8770
42"	3Hr										
EX3-Ex2	010YR0	34.77	0.00	0.85	3.94	3.74	3.5013	0.0000	4.5511	3.5512	3.5437
42"	6Hr										
EX3-Ex2	010YR1	36.94	0.00	-1.50	4.03	3.90	6.4159	0.0000	7.7811	6.4375	6.4310
42"	2Hr										
EX3-Ex2	010YR2	37.35	0.00	-1.65	3.99	3.89	12.2010	0.0000	13.1161	12.2093	12.2063
42"	4Hr										
EX3-Ex2	100YR0	39.76	0.00	3.85	4.15	4.13	1.0221	0.0000	1.7874	1.0304	1.0221
42"	1hr										
EX3-Ex2	100YR0	42.29	0.00	4.36	4.40	4.40	1.4715	0.0000	3.1492	1.4715	1.4715
42"	2hr										
EX3-Ex2	100YR0	43.00	0.00	4.60	4.47	4.47	1.9438	3.4783	3.9925	1.9438	1.9438
42"	3hr										
EX3-Ex2	100YR0	45.70	0.00	3.86	4.75	4.75	3.3640	0.0000	6.7318	3.3640	3.3640
42"	6hr										

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EX3-Ex2 42"	100YR1 2hr	45.19	0.00	1.76	4.70	4.70	6.2555	0.0000	10.9208	6.2555	6.2555
EX3-Ex2 42"	100YR2 4hr	43.14	0.00	-1.63	4.48	4.48	12.0995	0.0000	16.5676	12.0995	12.0995
EX8-Ex9 24"	002YR0 1HR	0.79	0.00	0.09	1.70	1.93	1.7023	0.0000	0.9353	1.7424	0.1596
EX8-Ex9 24"	002YR0 2HR	1.02	-0.66	0.19	1.82	1.96	2.4767	1.3670	1.5478	2.5341	2.8890
EX8-Ex9 24"	002YR0 3HR	1.08	-0.81	0.20	1.85	1.99	3.3583	1.8514	2.0507	3.4113	3.8143
EX8-Ex9 24"	002YR0 6HR	1.29	-1.49	0.23	1.94	2.08	5.3208	3.2845	3.6154	5.3432	6.7390
EX8-Ex9 24"	002YR1 2HR	1.46	-2.35	0.28	2.00	2.07	7.9987	6.2120	6.6197	8.0450	12.6097
EX8-Ex9 24"	002YR2 4HR	1.63	-3.07	0.38	2.05	2.03	13.6765	12.1672	12.7205	14.0990	18.6250
EX8-Ex9 24"	010YR0 1Hr	1.65	-2.94	0.35	2.05	2.21	1.4017	0.8339	1.2165	1.4822	2.4893
EX8-Ex9 24"	010YR0 2Hr	1.99	-3.98	0.46	2.15	2.29	2.3988	1.2841	1.7908	2.6343	3.8103
EX8-Ex9 24"	010YR0 3Hr	2.07	-4.28	0.50	2.18	2.32	3.3182	1.7717	2.3217	3.5260	4.7201
EX8-Ex9 24"	010YR0 6Hr	2.41	-5.07	0.69	2.28	2.44	5.6459	3.1594	3.9753	6.1914	7.3871
EX8-Ex9 24"	010YR1 2Hr	2.67	-5.49	0.95	2.34	2.46	9.1365	6.0764	7.2467	9.5410	12.6993
EX8-Ex9 24"	010YR2 4Hr	2.90	-5.24	-0.59	2.40	2.31	15.4608	11.9946	13.4361	15.7770	24.6304
EX8-Ex9 24"	100YR0 1hr	3.38	-6.12	0.30	2.36	-2.66	1.5596	0.6356	1.5576	2.9190	0.5741
EX8-Ex9 24"	100YR0 2hr	3.34	-7.78	0.17	2.51	-2.86	4.2848	1.5731	2.6115	4.3464	1.0567
EX8-Ex9 24"	100YR0 3hr	3.55	-8.61	-0.21	-2.74	2.75	5.2774	2.0785	3.6955	2.0785	6.7174
EX8-Ex9 24"	100YR0 6hr	3.96	-11.78	-0.70	-3.75	-3.75	8.0371	3.6231	5.8766	3.6231	3.6231
EX8-Ex9 24"	100YR1 2hr	4.09	-12.15	-0.72	-3.87	-3.87	12.4364	6.5932	8.9799	6.5932	6.5932
EX8-Ex9 24"	100YR2 4hr	4.00	-11.22	-0.73	-3.57	-3.57	18.4629	12.5210	14.8365	12.5210	12.5210
Ex1-Pond B	002YR0 1HR	9.99	0.00	0.03	2.40	4.71	0.9532	0.0000	1.0907	0.9537	0.9537
Ex1-Pond B	002YR0 2HR	11.93	0.00	0.08	2.54	4.93	1.4056	0.0000	3.0836	1.4065	1.4065
Ex1-Pond B	002YR0	12.53	0.00	0.10	2.58	4.99	1.8904	0.0000	3.6662	1.8933	1.8933



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
d B	3HR										
Ex1-Pond B	002YR0 6HR	17.00	0.00	0.31	2.83	5.46	3.3603	0.0000	11.8956	3.3606	3.3606
Ex1-Pond B	002YR1 2HR	22.31	0.00	0.18	3.11	5.91	6.2855	0.0000	7.5921	6.2860	6.2883
Ex1-Pond B	002YR2 4HR	27.80	0.00	-0.32	3.54	6.32	12.2245	0.0000	13.4502	12.2692	12.1904
Ex1-Pond B	010YR0 1Hr	26.64	0.00	0.25	3.32	6.25	0.8677	0.0000	2.6502	0.8679	0.8696
Ex1-Pond B	010YR0 2Hr	32.50	0.00	-0.42	3.63	6.72	1.3397	0.0000	2.8225	1.3081	1.3082
Ex1-Pond B	010YR0 3Hr	33.46	0.00	-0.38	3.68	6.75	1.7954	0.0000	3.8113	1.7956	1.7967
Ex1-Pond B	010YR0 6Hr	37.13	0.00	0.42	3.99	7.04	3.1820	0.0000	6.4453	3.5342	3.1760
Ex1-Pond B	010YR1 2Hr	39.07	0.00	0.56	4.14	7.16	6.1029	0.0000	7.7787	6.4228	6.0952
Ex1-Pond B	010YR2 4Hr	40.50	0.00	0.77	4.26	7.20	12.1239	0.0000	12.9866	12.1675	12.0740
Ex1-Pond B	100YR0 1hr	42.92	0.00	1.89	4.46	7.38	0.6791	0.0000	2.0009	0.6791	0.6790
Ex1-Pond B	100YR0 2hr	46.79	0.00	-1.83	4.86	7.64	1.1564	0.0000	3.3234	1.1564	1.1197
Ex1-Pond B	100YR0 3hr	47.81	0.00	2.04	4.97	7.68	1.6421	0.0000	3.8472	1.6421	1.6421
Ex1-Pond B	100YR0 6hr	51.92	0.00	-1.75	5.40	7.94	3.1152	0.0000	7.0255	3.1152	3.0948
Ex1-Pond B	100YR1 2hr	51.98	0.00	0.77	5.40	7.95	6.0861	0.0000	10.6410	6.0861	6.0647
Ex1-Pond B	100YR2 4hr	51.73	0.00	0.76	5.38	7.36	12.0627	0.0000	16.3931	12.0627	11.9335
Ex4-Ex3 36"	002YR0 1HR	8.84	0.00	-0.01	2.49	2.97	0.9638	0.0000	1.1166	0.9654	0.9791
Ex4-Ex3 36"	002YR0 2HR	10.50	0.00	-0.01	2.62	3.04	1.4168	0.0000	2.0629	1.4263	1.4307
Ex4-Ex3 36"	002YR0 3HR	11.02	0.00	-0.03	2.66	3.07	1.8979	0.0000	3.0066	1.9107	1.9250
Ex4-Ex3 36"	002YR0 6HR	15.09	0.00	-0.02	2.92	3.27	3.3616	0.0000	4.1943	3.3641	3.3659
Ex4-Ex3 36"	002YR1 2HR	19.80	0.00	-0.04	3.20	3.50	6.2883	0.0000	7.0202	6.2892	6.2899
Ex4-Ex3 36"	002YR2 4HR	24.24	0.00	-0.19	3.55	3.88	12.2302	0.0000	13.2660	12.2564	12.2801
Ex4-Ex3 36"	010YR0 1Hr	23.43	0.00	-0.02	3.43	3.69	0.8754	0.0000	1.5838	0.8846	0.8874

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex4-Ex3 36"	010YR0 2Hr	28.75	0.00	0.13	4.07	4.09	1.3692	0.0000	2.4677	1.3692	1.3754
Ex4-Ex3 36"	010YR0 3Hr	29.63	0.00	-0.15	4.19	4.20	1.8954	0.0000	3.0625	1.8954	1.9033
Ex4-Ex3 36"	010YR0 6Hr	33.46	0.00	0.22	4.73	4.73	3.5137	0.0000	4.8580	3.5137	3.5137
Ex4-Ex3 36"	010YR1 2Hr	35.47	0.00	0.22	5.02	5.02	6.4393	0.0000	8.3002	6.4393	6.4393
Ex4-Ex3 36"	010YR2 4Hr	34.63	0.00	-0.22	4.90	4.90	12.2568	0.0000	15.1122	12.2568	12.2568
Ex4-Ex3 36"	100YR0 1hr	37.88	0.00	2.32	5.36	5.36	1.0379	0.0000	1.8889	1.0379	1.0379
Ex4-Ex3 36"	100YR0 2hr	39.93	0.00	2.67	5.65	5.65	1.4962	0.0000	3.0532	1.4962	1.4962
Ex4-Ex3 36"	100YR0 3hr	40.48	0.00	2.70	5.73	5.73	1.9758	0.0000	3.6568	1.9758	1.9758
Ex4-Ex3 36"	100YR0 6hr	42.08	0.00	-1.14	5.95	5.95	3.4049	0.0000	6.6739	3.4049	3.4049
Ex4-Ex3 36"	100YR1 2hr	40.59	0.00	0.38	5.74	5.74	6.3178	0.0000	11.0225	6.3178	6.3178
Ex4-Ex3 36"	100YR2 4hr	36.97	0.00	0.26	5.23	5.23	12.3180	0.0000	17.1161	12.3180	12.3180
Ex6-Ex5 30"	002YR0 1HR	8.24	-0.18	0.01	2.65	2.62	0.9633	0.5514	0.7692	0.9633	0.9633
Ex6-Ex5 30"	002YR0 2HR	9.79	-0.31	0.02	2.79	2.78	1.4201	1.0501	1.2154	1.4219	1.4210
Ex6-Ex5 30"	002YR0 3HR	10.33	-0.33	-0.04	2.84	2.84	1.9037	1.5375	3.0066	1.9037	1.9037
Ex6-Ex5 30"	002YR0 6HR	14.20	-0.19	-0.02	3.17	3.22	3.3629	3.0063	4.1943	3.3666	3.3666
Ex6-Ex5 30"	002YR1 2HR	18.76	0.00	0.06	3.82	3.82	6.2837	0.0000	6.3153	6.2837	6.2837
Ex6-Ex5 30"	002YR2 4HR	22.97	0.00	-0.24	4.68	4.68	12.2236	0.0000	13.2660	12.2236	12.2236
Ex6-Ex5 30"	010YR0 1Hr	21.95	-0.80	0.02	4.47	4.47	0.8838	0.5531	0.7382	0.8838	0.8838
Ex6-Ex5 30"	010YR0 2Hr	27.19	-0.95	-0.09	5.54	5.54	1.3723	1.0479	2.4671	1.3723	1.3723
Ex6-Ex5 30"	010YR0 3Hr	28.27	-0.83	0.22	5.76	5.76	1.9033	1.5340	3.0635	1.9033	1.9033
Ex6-Ex5 30"	010YR0 6Hr	32.21	0.00	0.28	6.56	6.56	3.5198	0.0000	4.8580	3.5198	3.5198
Ex6-Ex5 30"	010YR1 2Hr	34.15	0.00	-0.32	6.96	6.96	6.4504	0.0000	8.2042	6.4504	6.4504
Ex6-Ex5 30"	010YR2 4Hr	33.04	0.00	-0.32	6.73	6.73	12.2773	0.0000	14.4962	12.2773	12.2773

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
30"	4Hr										
Ex6-Ex5 30"	100YR0 1hr	36.48	-2.00	1.01	7.43	7.43	1.0996	0.5501	2.0770	1.0996	1.0996
Ex6-Ex5 30"	100YR0 2hr	37.90	-1.37	1.14	7.72	7.72	1.5076	1.0335	2.9327	1.5076	1.5076
Ex6-Ex5 30"	100YR0 3hr	38.56	0.00	1.24	7.86	7.86	1.9866	0.0000	3.4783	1.9866	1.9866
Ex6-Ex5 30"	100YR0 6hr	39.72	0.00	-0.37	8.09	8.09	3.4218	0.0000	7.0955	3.4218	3.4218
Ex6-Ex5 30"	100YR1 2hr	37.99	0.00	0.34	7.74	7.74	6.3323	0.0000	11.0225	6.3323	6.3323
Ex6-Ex5 30"	100YR2 4hr	35.07	0.00	0.37	7.14	7.14	12.3602	0.0000	17.1161	12.3602	12.3602
Ex7-Ex6 30"	002YR0 1HR	1.52	0.00	0.01	1.68	1.86	1.1437	0.0000	0.9337	1.6535	0.2061
Ex7-Ex6 30"	002YR0 2HR	1.64	-0.22	-0.04	1.79	1.86	1.7393	1.0885	1.4176	2.5567	0.2061
Ex7-Ex6 30"	002YR0 3HR	1.66	-0.29	-0.04	1.81	1.86	2.1977	1.5805	1.9000	3.4952	0.2061
Ex7-Ex6 30"	002YR0 6HR	1.99	-0.61	0.05	1.89	1.86	3.7507	3.0551	3.3616	6.4233	0.2061
Ex7-Ex6 30"	002YR1 2HR	2.18	-1.13	-0.75	1.89	1.86	6.7784	6.0789	6.3349	12.2727	0.2061
Ex7-Ex6 30"	002YR2 4HR	2.06	-1.45	0.54	1.92	1.86	13.5296	12.0528	12.2238	18.6137	0.2061
Ex7-Ex6 30"	010YR0 1Hr	2.65	-1.33	0.32	1.95	1.86	1.3244	0.6614	0.9221	2.4153	0.2061
Ex7-Ex6 30"	010YR0 2Hr	2.59	-2.20	0.10	2.02	-1.91	2.2302	1.1206	1.6063	3.7742	1.0523
Ex7-Ex6 30"	010YR0 3Hr	2.60	-2.40	0.10	2.04	1.86	3.1298	1.6085	2.0900	4.6710	0.2061
Ex7-Ex6 30"	010YR0 6Hr	5.20	-3.97	0.87	2.14	1.86	3.6417	3.0953	3.8891	7.3555	0.2061
Ex7-Ex6 30"	010YR1 2Hr	5.01	-4.20	1.10	2.18	1.86	6.7359	6.0271	7.2252	12.5246	0.2061
Ex7-Ex6 30"	010YR2 4Hr	3.28	-2.61	-1.13	2.11	1.86	15.3948	11.9252	13.0451	20.5278	0.2061
Ex7-Ex6 30"	100YR0 1hr	6.98	-6.63	0.53	1.42	-2.65	1.5587	0.6003	1.5576	1.5587	0.5452
Ex7-Ex6 30"	100YR0 2hr	5.93	-10.80	0.29	2.34	-2.35	2.1672	1.4605	2.9207	5.7064	1.0383
Ex7-Ex6 30"	100YR0 3hr	6.36	-12.43	0.30	-2.53	-2.53	2.7028	1.9535	3.4771	1.9535	1.9535
Ex7-Ex6 30"	100YR0 6hr	6.91	-17.81	0.37	-3.63	-3.63	4.4837	3.4392	5.9625	3.4392	3.4392

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex7-Ex6 30"	100YR1 2hr	6.81	-18.40	0.43	-3.75	-3.75	7.6071	6.4051	9.0596	6.4051	6.4051
Ex7-Ex6 30"	100YR2 4hr	5.69	-16.92	-0.32	-3.45	-3.45	13.5038	12.3458	14.9308	12.3458	12.3458
ExOff-PondB	002YR0 1HR	2.30	0.00	-0.02	2.19	4.25	0.8757	0.0000	0.5669	0.8842	0.8861
ExOff-PondB	002YR0 2HR	3.00	0.00	0.02	2.35	4.60	1.3478	0.0000	2.7146	1.3566	1.3571
ExOff-PondB	002YR0 3HR	3.21	0.00	0.02	2.39	4.69	1.8375	0.0000	3.6623	1.8448	1.8453
ExOff-PondB	002YR0 6HR	4.55	0.00	-0.02	2.63	5.19	3.3008	0.0000	3.0050	3.3067	3.3071
ExOff-PondB	002YR1 2HR	6.05	0.00	-0.02	2.84	5.64	6.2520	0.0000	5.8953	6.2571	6.2581
ExOff-PondB	002YR2 4HR	7.29	0.00	-0.02	2.99	1.94	12.1945	0.0000	11.4599	12.2004	12.1429
ExOff-PondB	010YR0 1Hr	7.13	0.00	0.02	2.97	5.91	0.8385	0.0000	1.9308	0.8456	0.8476
ExOff-PondB	010YR0 2Hr	8.98	0.00	0.02	3.17	6.31	1.3220	0.0000	2.8373	1.3287	1.3222
ExOff-PondB	010YR0 3Hr	9.43	0.00	0.02	3.22	6.39	1.8155	0.0000	3.7822	1.8195	1.8157
ExOff-PondB	010YR0 6Hr	12.15	0.00	0.02	3.47	6.85	3.2863	0.0000	6.7085	3.2904	3.2915
ExOff-PondB	010YR1 2Hr	13.78	0.00	0.02	3.61	6.97	6.2425	0.0000	12.6169	6.2477	6.1870
ExOff-PondB	010YR2 4Hr	14.22	0.00	-0.02	3.65	2.90	12.1889	0.0000	10.4406	12.1935	12.1889
ExOff-PondB	100YR0 1hr	17.88	0.00	0.02	3.99	7.59	0.8354	0.0000	2.0365	0.8396	0.8345
ExOff-PondB	100YR0 2hr	22.19	0.00	-0.03	4.52	7.95	1.3356	0.0000	2.4054	1.3388	1.2894
ExOff-PondB	100YR0 3hr	23.38	0.00	0.02	4.76	7.99	1.8286	0.0000	4.4614	1.8286	1.7640
ExOff-PondB	100YR0 6hr	27.53	0.00	-0.03	5.61	7.90	3.3147	0.0000	3.6218	3.3147	3.1713
ExOff-PondB	100YR1 2hr	27.53	0.00	-0.03	5.61	5.61	6.2723	0.0000	6.5046	6.2723	6.2723
ExOff-PondB	100YR2 4hr	25.07	0.00	-0.03	5.11	5.11	12.2125	0.0000	12.3599	12.2125	12.2125
ExPond1 Outlet	002YR0 1HR	0.79	0.00	0.01	1.50	2.43	1.6734	0.0000	0.9353	1.7168	1.6601
ExPond1 Outlet	002YR0 2HR	1.02	-0.61	0.02	1.65	2.66	2.4480	1.3945	1.5337	2.5321	2.4480
ExPond1	002YR0	1.08	-0.76	0.02	1.68	2.71	3.3401	1.8866	2.0413	3.4035	3.3084

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet	3HR										
ExPond1 Outlet	002YR0 6HR	1.29	-1.42	0.02	-1.81	-3.55	5.3332	3.3742	3.6117	3.3742	3.3332
ExPond1 Outlet	002YR1 2HR	1.46	-2.19	0.04	-2.79	-4.19	7.9968	6.2895	6.6129	6.2895	6.2895
ExPond1 Outlet	002YR2 4HR	1.60	-2.97	0.06	-3.78	-4.77	13.7726	12.2106	12.6587	12.2106	12.2109
ExPond1 Outlet	010YR0 1Hr	1.54	-2.85	0.03	-3.62	-4.68	1.6811	0.8751	1.2100	0.8751	0.8754
ExPond1 Outlet	010YR0 2Hr	1.92	-3.84	0.02	-4.88	-5.49	2.4324	1.3611	1.7838	1.3611	1.3611
ExPond1 Outlet	010YR0 3Hr	2.01	-3.98	0.02	-5.07	-5.62	3.3107	1.8766	2.2832	1.8766	1.8768
ExPond1 Outlet	010YR0 6Hr	2.38	-4.54	0.07	-5.78	-6.12	5.6709	3.4449	3.9109	3.4449	3.4192
ExPond1 Outlet	010YR1 2Hr	2.64	-4.75	0.03	-6.04	-6.32	9.0963	6.3595	7.2068	6.3595	6.3379
ExPond1 Outlet	010YR2 4Hr	2.88	-4.75	-0.02	-6.05	-6.31	15.4594	12.2490	11.7914	12.2490	12.2222
ExPond1 Outlet	100YR0 1hr	2.71	-4.99	-0.02	-6.35	-6.58	2.7404	0.9047	0.5692	0.9047	0.8901
ExPond1 Outlet	100YR0 2hr	3.30	-5.12	-0.02	-6.52	-6.74	4.2986	1.3533	1.0489	1.3533	1.3435
ExPond1 Outlet	100YR0 3hr	3.51	-5.13	-0.02	-6.54	-6.76	5.2847	1.8307	1.5322	1.8307	1.8213
ExPond1 Outlet	100YR0 6hr	3.92	-5.15	0.02	-6.56	-6.78	8.0677	3.2547	5.9359	3.2547	3.2462
ExPond1 Outlet	100YR1 2hr	4.06	-5.06	-0.02	-6.45	-6.65	12.4485	6.1706	5.8202	6.1706	6.1550
ExPond1 Outlet	100YR2 4hr	3.98	-4.80	-0.02	-6.12	-6.29	18.5099	12.0466	11.6399	12.0466	12.0100
Ninevah RdCulver	002YR0 1HR	7.64	0.00	0.02	2.71	4.68	0.8507	0.0000	1.8925	0.8551	0.8561
Ninevah RdCulver	002YR0 2HR	9.36	0.00	0.02	2.87	4.99	1.3344	0.0000	2.7834	1.3368	1.3395
Ninevah RdCulver	002YR0 3HR	9.77	0.00	0.02	2.90	5.06	1.8198	9.0020	3.7239	1.8263	1.8280
Ninevah RdCulver	002YR0 6HR	12.51	-0.03	0.02	3.11	5.47	3.2942	9.3267	6.6475	3.2985	3.2992
Ninevah RdCulver	002YR1 2HR	15.09	0.00	-0.02	3.28	5.80	6.2508	0.0000	5.3304	6.2547	6.2514

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
r											
Ninevah RdCulver	002YR2 4HR	16.95	0.00	0.02	3.40	2.64	12.1971	0.0000	24.4556	12.2041	12.2024
Ninevah RdCulver	010YR0 1Hr	18.62	0.00	0.02	3.49	6.18	0.8369	0.0000	2.0246	0.8390	0.8398
Ninevah RdCulver	010YR0 2Hr	22.35	0.00	0.02	3.70	6.53	1.3216	0.0000	2.9037	1.3231	1.3238
Ninevah RdCulver	010YR0 3Hr	23.06	0.00	0.02	3.74	6.59	1.8140	9.0006	3.8407	1.8175	1.8183
Ninevah RdCulver	010YR0 6Hr	27.91	-0.02	0.03	4.02	6.96	3.2856	9.3248	3.1852	3.2877	3.2890
Ninevah RdCulver	010YR1 2Hr	30.37	0.00	0.03	4.20	7.03	6.2391	0.0000	6.1269	6.2430	6.3063
Ninevah RdCulver	010YR2 4Hr	30.40	0.00	-0.03	4.20	4.72	12.1892	0.0000	9.0021	12.1902	12.1902
Ninevah RdCulver	100YR0 1hr	40.84	0.00	0.03	5.53	7.69	0.8330	0.0000	0.6583	0.8330	0.8361
Ninevah RdCulver	100YR0 2hr	49.18	0.00	0.03	6.66	7.97	1.3366	0.0000	1.1359	1.3366	1.3422
Ninevah RdCulver	100YR0 3hr	51.09	0.00	0.03	6.92	8.00	1.8320	9.0009	1.6628	1.8320	1.8360
Ninevah RdCulver	100YR0 6hr	58.15	-0.02	-0.03	7.87	8.19	3.3244	9.3217	3.4782	3.3244	3.3244
Ninevah RdCulver	100YR1 2hr	57.31	0.00	0.03	7.76	8.09	6.2808	0.0000	6.1035	6.2808	6.2808
Ninevah RdCulver	100YR2 4hr	51.67	0.00	-0.03	6.99	7.39	12.2156	0.0000	12.4111	12.2156	12.2270
Pond B Outlet	002YR0 1HR	2.60	0.00	-0.01	2.36	4.98	1.6917	0.0000	0.9007	1.7288	1.7364
Pond B Outlet	002YR0 2HR	5.13	0.00	-0.01	2.84	6.05	2.3856	0.0000	1.3386	2.4022	2.4070
Pond B	002YR0	5.82	0.00	-0.02	2.95	6.27	3.1928	0.0000	1.8150	3.2190	3.2202

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet	3HR										
Pond B Outlet	002YR0 6HR	7.94	-2.63	-0.11	3.25	6.83	4.5113	11.9996	9.9423	4.5504	4.5566
Pond B Outlet	002YR1 2HR	10.77	0.00	0.12	3.66	3.64	7.2080	0.0000	12.0025	7.2379	7.0884
Pond B Outlet	002YR2 4HR	16.76	-4.40	0.10	5.34	5.34	12.8323	11.8630	12.0354	12.8323	12.8323
Pond B Outlet	010YR0 1Hr	11.15	0.00	-0.02	3.72	7.47	1.4918	0.0000	0.7412	1.5054	1.5060
Pond B Outlet	010YR0 2Hr	15.69	0.00	-0.02	4.99	8.11	2.2056	0.0000	1.2047	2.2056	2.2220
Pond B Outlet	010YR0 3Hr	16.24	0.00	-0.02	5.17	8.17	2.7545	0.0000	1.6865	2.7545	2.7858
Pond B Outlet	010YR0 6Hr	19.56	-1.63	-0.14	6.23	8.48	4.1090	11.9988	10.6144	4.1090	4.1223
Pond B Outlet	010YR1 2Hr	22.35	0.00	-0.02	7.11	7.90	6.9745	0.0000	5.9357	6.9745	6.3876
Pond B Outlet	010YR2 4Hr	25.98	-3.68	0.13	8.27	8.27	12.8472	11.4322	11.7699	12.8472	12.8472
Pond B Outlet	100YR0 1hr	24.65	0.00	-0.02	7.84	8.66	1.5626	0.0000	0.6569	1.5626	1.7518
Pond B Outlet	100YR0 2hr	28.75	0.00	-0.02	9.15	9.38	2.4099	0.0000	1.1233	2.4099	2.4099
Pond B Outlet	100YR0 3hr	29.74	0.00	-0.02	9.47	9.70	3.1132	0.0000	1.5978	3.1132	3.1132
Pond B Outlet	100YR0 6hr	31.99	0.00	-0.04	10.18	10.44	4.6729	0.0000	11.9205	4.6729	4.6729
Pond B Outlet	100YR1 2hr	32.79	0.00	-0.02	10.44	10.73	7.4768	0.0000	5.2329	7.4768	7.4768
Pond B Outlet	100YR2 4hr	33.05	-2.15	0.11	10.52	10.52	13.3092	10.3830	10.8088	13.3092	13.3092
Virgo Dr	002YR0 1HR	8.55	0.00	0.01	2.72	2.77	0.9606	0.0000	0.7692	0.9606	0.9606
Virgo Dr	002YR0 2HR	10.15	0.00	0.01	2.88	2.94	1.4160	0.0000	1.2707	1.4251	1.4210
Virgo Dr	002YR0 3HR	10.68	0.00	0.23	2.93	2.99	1.9013	0.0000	3.0066	1.9029	1.9029
Virgo Dr	002YR0 6HR	14.65	0.00	-0.08	3.32	3.39	3.3590	0.0000	4.1918	3.3567	3.3567
Virgo Dr	002YR1 2HR	19.29	0.00	-0.10	3.93	3.95	6.2840	0.0000	7.0186	6.2840	6.2840
Virgo Dr	002YR2 4HR	23.60	0.00	1.18	4.81	4.81	12.2303	0.0000	13.2660	12.2303	12.2303
Virgo Dr	010YR0 1Hr	22.70	0.00	-0.02	4.62	4.62	0.8805	0.0000	1.5894	0.8805	0.8805

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Virgo Dr	010YR0 2Hr	27.98	0.00	-0.44	5.70	5.70	1.3711	0.0000	2.4677	1.3711	1.3711
Virgo Dr	010YR0 3Hr	28.96	0.00	-1.02	5.90	5.90	1.8989	0.0000	3.0635	1.8989	1.8989
Virgo Dr	010YR0 6Hr	32.85	0.00	-1.24	6.69	6.69	3.5170	0.0000	4.8580	3.5170	3.5170
Virgo Dr	010YR1 2Hr	34.82	0.00	1.65	7.09	7.09	6.4455	0.0000	8.2096	6.4455	6.4455
Virgo Dr	010YR2 4Hr	33.84	0.00	-1.71	6.89	6.89	12.2685	0.0000	15.1194	12.2685	12.2685
Virgo Dr	100YR0 1hr	37.07	0.00	3.47	7.55	7.55	1.0596	0.0000	1.9692	1.0596	1.0596
Virgo Dr	100YR0 2hr	38.93	0.00	3.34	7.93	7.93	1.5020	0.0000	3.4936	1.5020	1.5020
Virgo Dr	100YR0 3hr	39.53	0.00	3.84	8.05	8.05	1.9815	0.0000	4.3634	1.9815	1.9815
Virgo Dr	100YR0 6hr	40.91	0.00	2.73	8.33	8.33	3.4147	0.0000	6.9228	3.4147	3.4147
Virgo Dr	100YR1 2hr	39.30	0.00	-1.44	8.01	8.01	6.3269	0.0000	11.0225	6.3269	6.3269
Virgo Dr	100YR2 4hr	35.99	0.00	-1.67	7.33	7.33	12.3411	0.0000	17.1161	12.3411	12.3411
WindstarDr	002YR0 1HR	9.84	0.00	-0.05	2.21	2.37	0.9466	0.0000	2.2762	0.9367	0.9358
WindstarDr	002YR0 2HR	11.75	0.00	-0.49	2.35	2.50	1.4017	0.0000	2.9853	1.3921	1.3921
WindstarDr	002YR0 3HR	12.35	0.00	-0.71	2.39	2.54	1.8836	0.0000	3.0025	1.8749	1.8749
WindstarDr	002YR0 6HR	16.78	0.00	-1.15	2.65	2.80	3.3544	0.0000	4.3969	3.3482	3.3482
WindstarDr	002YR1 2HR	22.04	0.00	-1.94	2.94	3.07	6.2808	0.0000	7.4707	6.2742	6.2739
WindstarDr	002YR2 4HR	27.29	0.00	-3.47	3.31	3.47	12.2216	0.0000	13.4324	12.2617	12.2695
WindstarDr	010YR0 1Hr	26.26	0.00	2.58	3.15	3.28	0.8633	0.0000	1.9153	0.8607	0.8607
WindstarDr	010YR0 2Hr	32.08	0.00	4.26	3.48	3.58	1.3365	0.0000	2.5802	1.3082	1.3082
WindstarDr	010YR0 3Hr	32.94	0.00	3.88	3.53	3.62	1.7981	0.0000	3.5377	1.7981	1.7981
WindstarDr	010YR0 6Hr	36.02	0.00	-4.83	3.82	3.95	3.1843	0.0000	4.5525	3.5294	3.5410
WindstarDr	010YR1 2Hr	37.84	0.00	6.67	3.98	4.09	6.4043	0.0000	7.7811	6.4243	6.4283
WindstarDr	010YR2	39.48	0.00	8.46	4.11	4.18	12.1605	0.0000	12.8691	12.1672	12.1800



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
rDr	4Hr										
WindstarDr	100YR0 1hr	40.93	0.00	8.12	4.25	4.29	1.0083	1.5842	1.5843	1.0083	1.0231
WindstarDr	100YR0 2hr	44.33	0.00	-6.48	4.61	4.61	1.1946	2.6182	3.4539	1.1946	1.1946
WindstarDr	100YR0 3hr	45.23	0.00	7.18	4.70	4.70	1.6833	3.4457	3.4344	1.6833	1.6833
WindstarDr	100YR0 6hr	48.36	0.00	8.67	5.03	5.03	3.1580	6.4799	6.4800	3.1580	3.1580
WindstarDr	100YR1 2hr	48.93	0.00	-8.28	5.09	5.09	6.2022	0.0000	9.0330	6.2022	6.2022
WindstarDr	100YR2 4hr	48.87	0.00	7.69	5.08	5.08	12.0824	0.0000	16.5676	12.0824	12.0824

## Node Max Conditions w/ Times [Existing Section 3 Offsite]

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-02	002YR0 1HR	739.81	734.42	0.0010	10.87	10.86	393	0.9502	0.3239	0.9433	0.9491
CI-EX-02	002YR0 2HR	739.81	734.57	0.0010	13.04	13.03	397	1.4098	1.1485	1.3995	1.4051
CI-EX-02	002YR0 3HR	739.81	734.62	0.0010	13.70	13.69	397	1.8990	0.3239	1.8904	1.8963
CI-EX-02	002YR0 6HR	739.81	734.92	0.0010	18.54	18.52	398	3.3651	0.3239	3.3577	3.3638
CI-EX-02	002YR1 2HR	739.81	735.25	0.0010	24.29	24.25	398	6.2990	0.3239	6.2863	6.2960
CI-EX-02	002YR2 4HR	739.81	735.51	0.0010	29.19	29.18	398	12.2315	0.3239	12.2228	12.2289
CI-EX-02	010YR0 1Hr	739.81	735.49	0.0010	28.72	28.70	398	0.8818	0.3239	0.8755	0.8814
CI-EX-02	010YR0 2Hr	739.81	735.84	0.0010	35.35	35.33	398	1.3608	0.3239	1.3540	1.3592
CI-EX-02	010YR0 3Hr	739.81	735.91	0.0010	36.57	36.58	398	1.8425	1.5853	1.8389	1.8425
CI-EX-02	010YR0 6Hr	739.81	736.09	0.0010	40.05	40.06	398	3.3233	4.6720	3.3361	3.3419
CI-EX-02	010YR1 2Hr	739.81	736.22	0.0013	41.76	41.77	398	6.7006	7.9033	6.2900	6.2851

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-02	010YR2 4Hr	739.81	736.98	0.0029	42.34	42.34	398	12.7589	13.0363	12.2403	12.2427
CI-EX-02	100YR0 1hr	739.81	736.78	0.0036	45.48	45.49	398	1.4776	1.6297	0.8987	0.8992
CI-EX-02	100YR0 2hr	739.81	737.66	0.0032	48.86	48.87	398	2.2915	3.2892	1.3849	1.3893
CI-EX-02	100YR0 3hr	739.81	737.87	0.0033	49.85	49.86	398	2.9507	4.2094	1.8817	1.8835
CI-EX-02	100YR0 6hr	739.81	738.45	0.0041	53.60	53.61	398	4.5482	6.4629	3.3691	3.3692
CI-EX-02	100YR1 2hr	739.81	738.67	0.0036	53.75	53.75	398	7.3758	10.1303	6.3071	6.3075
CI-EX-02	100YR2 4hr	739.81	738.72	0.0034	50.21	50.09	398	13.2286	15.7179	12.1580	12.1409
CI-Ex-01	002YR0 1HR	738.95	734.34	0.0010	11.16	11.16	693	0.9530	0.3919	0.9438	0.9506
CI-Ex-01	002YR0 2HR	738.95	734.49	0.0010	13.42	13.42	705	1.4098	1.8599	1.4051	1.4098
CI-Ex-01	002YR0 3HR	738.95	734.53	0.0010	14.11	14.10	706	1.8994	2.3010	1.8920	1.8990
CI-Ex-01	002YR0 6HR	738.95	734.82	0.0010	19.07	19.06	711	3.3658	11.8185	3.3590	3.3648
CI-Ex-01	002YR1 2HR	738.95	735.14	0.0010	24.95	24.94	667	6.2996	12.6197	6.2922	6.2982
CI-Ex-01	002YR2 4HR	738.95	735.39	0.0010	29.96	29.95	407	12.2330	13.0282	12.2259	12.2315
CI-Ex-01	010YR0 1Hr	738.95	735.37	0.0010	29.55	29.54	732	0.8835	2.5065	0.8767	0.8808
CI-Ex-01	010YR0 2Hr	738.95	735.71	0.0010	36.37	36.36	733	1.3611	3.4079	1.3561	1.3604
CI-Ex-01	010YR0 3Hr	738.95	735.77	0.0010	37.67	37.66	732	1.8409	3.6890	1.8358	1.8401
CI-Ex-01	010YR0 6Hr	738.95	735.95	0.0010	41.33	41.32	720	3.3179	7.5738	3.3163	3.3169
CI-Ex-01	010YR1 2Hr	738.95	736.15	0.0013	43.12	43.11	546	6.7033	7.9033	6.2848	6.2785
CI-Ex-01	010YR2 4Hr	738.95	736.94	0.0029	43.67	43.66	407	12.7791	13.0363	12.2321	12.2306
CI-Ex-01	100YR0 1hr	738.95	736.73	0.0033	47.27	47.25	733	1.4969	1.6297	0.8596	0.8579
CI-Ex-01	100YR0 2hr	738.95	737.62	0.0030	50.99	50.95	733	2.3299	3.2892	1.3547	1.3552
CI-Ex-01	100YR0 3hr	738.95	737.83	0.0034	52.01	52.00	733	2.9999	4.2822	1.8468	1.8492
CI-Ex-01	100YR0	738.95	738.41	0.0039	56.00	55.98	621	4.5665	6.4672	3.3309	3.3280

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	6hr										
CI-Ex-01	100YR1 2hr	738.95	738.63	0.0034	56.16	56.15	520	7.4185	10.1303	6.2871	6.2861
CI-Ex-01	100YR2 4hr	738.95	738.68	0.0032	52.64	52.58	407	13.2442	15.7179	12.1409	12.1406
CI-Ex-04	002YR0 1HR	739.37	734.91	0.0010	9.57	9.57	321	0.9570	0.2416	0.9498	0.9589
CI-Ex-04	002YR0 2HR	739.37	735.06	0.0010	11.38	11.38	321	1.4164	0.2416	1.4090	1.4193
CI-Ex-04	002YR0 3HR	739.37	735.10	0.0010	11.96	11.96	321	1.9035	0.2416	1.8998	1.9065
CI-Ex-04	002YR0 6HR	739.37	735.41	0.0010	16.28	16.28	321	3.3645	0.2416	3.3618	3.3689
CI-Ex-04	002YR1 2HR	739.37	735.76	0.0010	21.37	21.37	322	6.2973	0.2416	6.2929	6.2986
CI-Ex-04	002YR2 4HR	739.37	736.08	0.0010	25.83	25.83	322	12.2289	0.2416	12.2273	12.2321
CI-Ex-04	010YR0 1Hr	739.37	736.04	0.0010	25.18	25.19	322	0.8826	0.2416	0.8839	0.8847
CI-Ex-04	010YR0 2Hr	739.37	736.53	0.0010	31.07	31.08	322	1.3618	0.2416	1.3651	1.3666
CI-Ex-04	010YR0 3Hr	739.37	736.62	0.0010	32.24	32.26	322	1.8553	0.2416	1.8766	1.8795
CI-Ex-04	010YR0 6Hr	739.37	736.95	0.0010	35.89	35.92	322	3.3733	0.2416	3.4499	3.4497
CI-Ex-04	010YR1 2Hr	739.37	737.11	0.0010	37.38	37.40	322	6.3418	0.2416	6.4206	6.4250
CI-Ex-04	010YR2 4Hr	739.37	737.48	0.0010	37.46	37.45	322	12.5770	0.2416	12.2871	12.2857
CI-Ex-04	100YR0 1hr	739.37	737.46	0.0021	40.25	40.28	321	0.9449	1.7476	1.0558	1.0574
CI-Ex-04	100YR0 2hr	739.37	738.17	0.0012	42.77	42.80	322	2.0925	3.2844	1.5325	1.5339
CI-Ex-04	100YR0 3hr	739.37	738.31	0.0016	43.59	43.63	322	2.6146	4.0426	2.0122	2.0114
CI-Ex-04	100YR0 6hr	739.37	738.87	0.0010	45.76	45.73	322	4.0285	3.0686	3.4172	3.4156
CI-Ex-04	100YR1 2hr	739.37	739.08	0.0010	44.33	44.20	322	6.9925	0.2416	6.3194	6.3136
CI-Ex-04	100YR2 4hr	739.37	739.10	0.0010	39.70	39.61	322	12.8997	0.2416	12.3122	12.3148
CI-Ex-05	002YR0 1HR	739.30	734.97	0.0010	8.95	8.95	214	0.9535	0.6294	0.9438	0.9522
CI-Ex-05	002YR0 2HR	739.30	735.12	0.0010	10.63	10.62	214	1.4151	0.2025	1.4051	1.4090

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex-05	002YR0 3HR	739.30	735.17	0.0010	11.18	11.17	214	1.9015	0.2025	1.8945	1.8998
CI-Ex-05	002YR0 6HR	739.30	735.50	0.0010	15.27	15.26	214	3.3651	0.2025	3.3551	3.3599
CI-Ex-05	002YR1 2HR	739.30	735.88	0.0010	20.17	20.16	214	6.2955	0.2025	6.2898	6.2900
CI-Ex-05	002YR2 4HR	739.30	736.26	0.0010	24.49	24.47	214	12.2291	0.2025	12.2220	12.2225
CI-Ex-05	010YR0 1Hr	739.30	736.21	0.0010	23.72	23.71	214	0.8822	0.2025	0.8717	0.8763
CI-Ex-05	010YR0 2Hr	739.30	736.79	0.0010	29.32	29.31	214	1.3620	0.2025	1.3568	1.3604
CI-Ex-05	010YR0 3Hr	739.30	736.90	0.0010	30.39	30.41	214	1.8580	0.2025	1.8714	1.8761
CI-Ex-05	010YR0 6Hr	739.30	737.29	0.0011	33.84	33.88	214	3.3817	3.6204	3.4617	3.4656
CI-Ex-05	010YR1 2Hr	739.30	737.47	0.0011	35.31	35.35	214	6.3597	6.7048	6.4612	6.4624
CI-Ex-05	010YR2 4Hr	739.30	737.74	0.0010	35.11	35.09	214	12.5121	0.2025	12.2904	12.2883
CI-Ex-05	100YR0 1hr	739.30	737.87	0.0021	37.98	38.01	214	0.9781	1.5392	1.1157	1.1138
CI-Ex-05	100YR0 2hr	739.30	738.43	0.0012	39.73	39.75	214	1.9132	1.1402	1.5449	1.5431
CI-Ex-05	100YR0 3hr	739.30	738.57	0.0014	40.27	40.28	214	2.3881	4.5583	2.0147	2.0129
CI-Ex-05	100YR0 6hr	739.30	739.20	0.0011	41.47	41.39	214	3.6453	3.0688	3.4218	3.4191
CI-Ex-05	100YR1 2hr	739.30	739.38	0.0010	39.95	39.81	1787	6.6330	0.2025	6.3240	6.3229
CI-Ex-05	100YR2 4hr	739.30	739.36	0.0010	35.95	35.87	1392	12.5605	0.2025	12.3342	12.3376
CI-Ex318	002YR0 1HR	738.90	735.11	0.0010	0.72	0.76	204	0.9640	0.0788	1.2806	1.2540
CI-Ex318	002YR0 2HR	738.90	735.25	0.0010	0.90	0.90	210	1.4201	0.0788	2.2785	2.2880
CI-Ex318	002YR0 3HR	738.90	735.30	0.0010	0.95	0.95	211	1.9069	0.0788	3.1975	3.2284
CI-Ex318	002YR0 6HR	738.90	735.67	0.0010	1.53	1.45	211	3.3683	3.1549	3.2927	3.3658
CI-Ex318	002YR1 2HR	738.90	736.19	0.0010	2.34	2.64	211	6.2990	0.0788	6.2345	6.2940
CI-Ex318	002YR2 4HR	738.90	736.72	0.0010	2.98	2.93	211	12.2284	12.1130	12.1839	12.2273
CI-Ex318	010YR0	738.90	736.64	0.0010	2.92	2.80	211	0.8833	0.0788	0.7827	0.8841

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
8	1Hr										
CI-Ex318	010YR0 2Hr	738.90	737.43	0.0010	3.93	3.77	212	1.3659	0.0788	1.2952	1.3344
CI-Ex318	010YR0 3Hr	738.90	737.59	0.0010	4.17	3.97	212	1.8724	1.9229	1.7840	1.8054
CI-Ex318	010YR0 6Hr	738.90	738.14	0.0019	5.19	4.48	212	3.4355	3.6209	3.1924	3.3543
CI-Ex318	010YR1 2Hr	738.90	738.42	0.0019	5.36	4.62	212	6.4258	6.7052	6.1193	6.2717
CI-Ex318	010YR2 4Hr	738.90	738.53	0.0013	5.09	4.59	212	12.4051	12.8049	12.0353	12.1681
CI-Ex318	100YR0 1hr	738.90	738.94	0.0027	6.40	5.03	813	1.0939	1.5400	0.6793	0.6795
CI-Ex318	100YR0 2hr	738.90	739.32	0.0019	7.31	5.64	9075	1.7984	1.1221	1.5789	1.6091
CI-Ex318	100YR0 3hr	738.90	739.40	0.0018	8.12	6.01	10974	2.3410	1.6042	2.0883	2.1193
CI-Ex318	100YR0 6hr	738.90	739.73	0.0015	11.25	7.43	18042	4.0327	3.0478	3.6384	3.6826
CI-Ex318	100YR1 2hr	738.90	739.79	0.0010	11.66	7.60	19308	7.0518	6.0078	6.6096	6.6565
CI-Ex318	100YR2 4hr	738.90	739.71	0.0010	10.78	7.17	17617	12.9511	14.8183	12.5375	12.5808
CI-Ex319	002YR0 1HR	739.00	735.11	0.0010	0.71	0.72	118	0.9613	0.0696	1.3737	1.2806
CI-Ex319	002YR0 2HR	739.00	735.25	0.0010	0.90	0.90	118	1.4205	1.4792	2.2736	2.2785
CI-Ex319	002YR0 3HR	739.00	735.30	0.0010	0.95	0.95	118	1.9090	0.0696	3.1776	3.1975
CI-Ex319	002YR0 6HR	739.00	735.67	0.0010	1.45	1.44	118	3.3680	0.0696	3.3658	3.3695
CI-Ex319	002YR1 2HR	739.00	736.18	0.0010	2.64	2.14	118	6.2976	6.1389	6.2940	6.3093
CI-Ex319	002YR2 4HR	739.00	736.71	0.0010	2.93	2.85	118	12.2296	12.0579	12.2273	12.2301
CI-Ex319	010YR0 1Hr	739.00	736.63	0.0010	2.80	2.81	118	0.8822	1.1148	0.8841	0.9041
CI-Ex319	010YR0 2Hr	739.00	737.42	0.0010	3.77	3.73	118	1.3655	1.7368	1.3344	1.3655
CI-Ex319	010YR0 3Hr	739.00	737.57	0.0010	3.97	3.92	118	1.8705	1.6832	1.8054	1.9002
CI-Ex319	010YR0 6Hr	739.00	738.13	0.0019	4.48	4.43	118	3.4348	3.6209	3.3543	3.3590
CI-Ex319	010YR1 2Hr	739.00	738.40	0.0019	4.62	4.53	118	6.4256	6.7053	6.2717	6.2724

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex319	010YR2 4Hr	739.00	738.52	0.0013	4.59	4.47	118	12.4059	12.8050	12.1681	12.1680
CI-Ex319	100YR0 1hr	739.00	738.92	0.0027	5.03	4.63	118	1.0929	1.5404	0.6795	0.7992
CI-Ex319	100YR0 2hr	739.00	739.30	0.0019	5.64	4.69	6490	1.8156	1.1230	1.6091	1.2507
CI-Ex319	100YR0 3hr	739.00	739.38	0.0018	6.01	4.69	8384	2.3617	1.6051	2.1193	1.7306
CI-Ex319	100YR0 6hr	739.00	739.71	0.0015	7.43	4.67	15435	4.0706	3.0481	3.6826	3.1660
CI-Ex319	100YR1 2hr	739.00	739.77	0.0010	7.60	4.60	16711	7.0917	6.0080	6.6565	6.2092
CI-Ex319	100YR2 4hr	739.00	739.69	0.0010	7.17	4.52	15036	12.9869	0.0696	12.5808	12.1579
DS Ex CB	002YR0 1HR	738.91	731.66	0.0010	2.62	0.00	0	3.0034	2.3825	1.7016	0.0000
DS Ex CB	002YR0 2HR	738.91	732.41	0.0010	5.15	0.00	0	6.0040	0.7471	2.3930	0.0000
DS Ex CB	002YR0 3HR	738.91	733.16	0.0010	5.82	0.00	0	9.0034	0.7471	3.2144	0.0000
DS Ex CB	002YR0 6HR	738.91	733.91	0.0010	7.94	2.75	0	12.0001	0.7471	4.4924	11.9996
DS Ex CB	002YR1 2HR	738.91	733.91	0.0010	10.81	0.00	0	12.0003	0.7471	7.2167	0.0000
DS Ex CB	002YR2 4HR	738.91	733.91	0.0010	16.85	4.44	0	12.0000	0.7471	12.8375	11.8899
DS Ex CB	010YR0 1Hr	738.91	731.66	0.0003	11.27	0.00	0	3.0004	0.4771	1.5051	0.0000
DS Ex CB	010YR0 2Hr	738.91	732.41	0.0010	15.80	0.00	0	6.0000	0.7471	2.2214	0.0000
DS Ex CB	010YR0 3Hr	738.91	733.16	0.0010	16.33	0.00	0	9.0012	0.7471	2.7591	0.0000
DS Ex CB	010YR0 6Hr	738.91	733.91	0.0010	19.63	1.76	0	12.0001	0.7471	4.1108	12.0001
DS Ex CB	010YR1 2Hr	738.91	733.91	0.0010	22.41	0.00	0	12.0000	0.7471	6.9843	0.0000
DS Ex CB	010YR2 4Hr	738.91	733.91	0.0010	26.07	3.71	0	12.0000	0.7471	12.8269	11.4534
DS Ex CB	100YR0 1hr	738.91	731.66	0.0002	24.88	0.00	0	3.0000	0.4406	1.5443	0.0000
DS Ex CB	100YR0 2hr	738.91	732.41	0.0008	29.04	0.00	0	6.0010	0.6292	2.4016	0.0000
DS Ex CB	100YR0 3hr	738.91	733.16	0.0010	29.96	0.00	0	9.0008	0.7471	3.0909	0.0000
DS Ex	100YR0	738.91	733.91	0.0010	32.24	0.00	0	12.0001	0.7471	4.6457	0.0000

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CB	6hr										
DS Ex CB	100YR1 2hr	738.91	733.91	0.0010	33.06	0.00	0	11.9998	0.7471	7.4617	0.0000
DS Ex CB	100YR2 4hr	738.91	733.91	0.0010	33.29	2.19	0	12.0000	0.7471	13.2954	10.4109
EastFarm	002YR0 1HR	739.00	737.30	0.0007	7.64	0.00	0	3.0034	2.3575	0.8505	0.0000
EastFarm	002YR0 2HR	739.00	737.80	0.0007	9.36	0.00	0	6.0040	0.7387	1.3338	0.0000
EastFarm	002YR0 3HR	739.00	738.30	0.0007	9.77	0.00	0	9.0034	0.7387	1.8210	9.0034
EastFarm	002YR0 6HR	739.00	738.80	0.0007	12.51	0.03	0	12.0001	0.7387	3.2933	9.3280
EastFarm	002YR1 2HR	739.00	738.80	0.0007	15.09	0.00	0	12.0003	0.7387	6.2508	0.0000
EastFarm	002YR2 4HR	739.00	738.80	0.0007	16.95	0.00	0	12.0000	0.7387	12.1972	0.0000
EastFarm	010YR0 1Hr	739.00	737.30	0.0002	18.62	0.00	0	3.0004	0.4783	0.8362	0.0000
EastFarm	010YR0 2Hr	739.00	737.80	0.0007	22.35	0.00	0	6.0000	0.7387	1.3217	0.0000
EastFarm	010YR0 3Hr	739.00	738.30	0.0007	23.06	0.00	0	9.0012	0.7387	1.8149	9.0012
EastFarm	010YR0 6Hr	739.00	738.80	0.0007	27.91	0.02	0	12.0001	0.7387	3.2864	9.3247
EastFarm	010YR1 2Hr	739.00	738.80	0.0007	30.37	0.00	0	12.0000	0.7387	6.2401	0.0000
EastFarm	010YR2 4Hr	739.00	738.80	0.0007	30.40	0.00	0	12.0000	0.7387	12.1891	0.0000
EastFarm	100YR0 1hr	739.00	737.30	0.0001	40.84	0.00	0	3.0000	0.4414	0.8340	0.0000
EastFarm	100YR0 2hr	739.00	737.80	0.0005	49.18	0.00	0	6.0010	0.6292	1.3367	0.0000
EastFarm	100YR0 3hr	739.00	738.30	0.0007	51.09	0.00	0	9.0008	0.7387	1.8320	9.0008
EastFarm	100YR0 6hr	739.00	738.80	0.0007	58.15	0.02	0	12.0001	0.7387	3.3243	9.3216
EastFarm	100YR1 2hr	739.00	738.80	0.0007	57.30	0.00	0	11.9998	0.7387	6.2812	0.0000
EastFarm	100YR2 4hr	739.00	738.80	0.0007	51.66	0.00	0	12.0000	0.7387	12.2155	0.0000
Ex Pond A	002YR0 1HR	738.00	735.20	0.0002	9.34	0.71	63592	1.3792	0.8520	0.7666	1.3737
Ex Pond A	002YR0 2HR	738.00	735.28	0.0003	11.60	0.90	64084	2.2603	1.3268	1.2499	2.2736

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ex Pond A	002YR0 3HR	738.00	735.30	0.0003	12.18	0.95	64196	3.1930	1.8100	1.7333	3.1776
Ex Pond A	002YR0 6HR	738.00	735.39	0.0003	16.40	1.14	64675	5.1411	3.2826	3.2180	5.2266
Ex Pond A	002YR1 2HR	738.00	735.46	0.0002	19.79	1.31	65115	7.8093	6.2517	6.1833	7.8104
Ex Pond A	002YR2 4HR	738.00	735.57	0.0003	21.89	1.50	65730	13.6921	12.1895	12.1333	13.8922
Ex Pond A	010YR0 1Hr	738.00	735.57	0.0003	24.56	1.49	65703	1.3757	0.8270	0.7501	1.4605
Ex Pond A	010YR0 2Hr	738.00	735.75	0.0003	30.29	1.75	66772	2.2603	5.9553	1.2500	2.4358
Ex Pond A	010YR0 3Hr	738.00	735.80	0.0003	31.37	1.83	67020	3.1840	6.9895	1.7334	3.3152
Ex Pond A	010YR0 6Hr	738.00	736.02	0.0004	37.95	2.18	68333	5.1513	9.0564	3.2000	5.6247
Ex Pond A	010YR1 2Hr	738.00	736.20	0.0004	40.01	2.44	69625	8.1831	14.3613	6.1667	9.0217
Ex Pond A	010YR2 4Hr	738.00	736.39	0.0004	38.43	2.69	71030	14.2701	12.0988	12.1167	15.3783
Ex Pond A	100YR0 1hr	738.00	736.31	0.0004	54.38	2.51	70399	1.8267	0.7451	0.7333	2.7235
Ex Pond A	100YR0 2hr	738.00	736.80	0.0005	65.07	3.10	73961	2.9730	1.2224	1.2333	4.2563
Ex Pond A	100YR0 3hr	738.00	737.02	0.0006	67.31	3.32	75512	3.7625	8.6210	1.7167	5.2369
Ex Pond A	100YR0 6hr	738.00	737.62	0.0007	75.87	3.82	79772	6.2509	11.5495	3.1834	8.0263
Ex Pond A	100YR1 2hr	738.00	737.74	0.0007	72.45	3.90	80620	9.8271	15.9389	6.1500	12.4414
Ex Pond A	100YR2 4hr	738.00	737.68	0.0006	61.92	3.86	80215	15.5023	26.2236	12.1167	18.4391
Ex Pond B	002YR0 1HR	737.00	733.54	0.0010	20.40	2.62	42483	1.7097	1.1071	0.9506	1.7016
Ex Pond B	002YR0 2HR	737.00	733.89	0.0010	24.75	5.15	43766	2.4008	1.7486	1.4169	2.3930
Ex Pond B	002YR0 3HR	737.00	733.97	0.0010	25.99	5.82	44056	3.2206	1.8640	1.9074	3.2144
Ex Pond B	002YR0 6HR	737.00	734.22	0.0010	34.71	7.94	44905	4.5087	3.3284	3.3695	4.4924
Ex Pond B	002YR1 2HR	737.00	734.55	0.0010	44.36	10.81	45853	7.2221	6.3269	6.3058	7.2167
Ex Pond B	002YR2 4HR	737.00	735.24	0.0010	52.47	16.85	48031	12.8370	12.1968	12.2402	12.8375
Ex Pond	010YR0	737.00	734.60	0.0010	52.65	11.27	46099	1.5056	0.8576	0.8965	1.5051



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
B	1Hr										
Ex Pond B	010YR0 2Hr	737.00	735.11	0.0010	64.29	15.80	47651	2.2251	1.3374	1.3732	2.2214
Ex Pond B	010YR0 3Hr	737.00	735.18	0.0010	66.74	16.33	47887	2.7659	1.8382	1.8673	2.7591
Ex Pond B	010YR0 6Hr	737.00	735.65	0.0010	77.38	19.63	49774	4.1101	3.2526	3.3476	4.1108
Ex Pond B	010YR1 2Hr	737.00	736.12	0.0010	83.13	22.41	51479	6.9839	6.4810	6.3000	6.9843
Ex Pond B	010YR2 4Hr	737.00	736.84	0.0010	84.76	26.07	54628	12.8266	12.1236	12.2378	12.8269
Ex Pond B	100YR0 1hr	737.00	736.60	0.0010	99.56	24.88	53552	1.5439	0.8673	0.8913	1.5443
Ex Pond B	100YR0 2hr	737.00	737.50	0.0010	115.36	29.04	55345	2.4012	1.3962	1.3833	2.4016
Ex Pond B	100YR0 3hr	737.00	737.72	0.0010	119.62	29.96	55345	3.0907	1.7548	1.8729	3.0909
Ex Pond B	100YR0 6hr	737.00	738.29	0.0010	135.37	32.24	55345	4.6455	3.6271	3.3501	4.6457
Ex Pond B	100YR1 2hr	737.00	738.51	0.0010	135.08	33.06	55345	7.4610	6.2150	6.3081	7.4617
Ex Pond B	100YR2 4hr	737.00	738.57	0.0010	122.01	33.29	55345	13.2946	10.6757	12.2302	13.2954
Ninevah RdBasin	002YR0 1HR	742.00	739.27	0.0010	7.64	7.64	359	0.8515	0.5606	0.8501	0.8505
Ninevah RdBasin	002YR0 2HR	742.00	739.39	0.0010	9.36	9.36	374	1.3346	0.9989	1.3330	1.3338
Ninevah RdBasin	002YR0 3HR	742.00	739.42	0.0010	9.78	9.77	377	1.8219	1.4373	1.8166	1.8210
Ninevah RdBasin	002YR0 6HR	742.00	739.59	0.0010	12.52	12.51	395	3.2945	2.9927	3.2836	3.2933
Ninevah RdBasin	002YR1 2HR	742.00	739.75	0.0010	15.10	15.09	409	6.2520	5.8345	6.2500	6.2508
Ninevah RdBasin	002YR2 4HR	742.00	739.86	0.0009	16.96	16.95	391	12.2002	24.4567	12.1833	12.1972
Ninevah RdBasin	010YR0 1Hr	742.00	739.95	0.0010	18.64	18.62	422	0.8366	0.5075	0.8334	0.8362
Ninevah RdBasin	010YR0 2Hr	742.00	740.16	0.0010	22.37	22.35	432	1.3214	1.0089	1.3167	1.3217
Ninevah RdBasin	010YR0 3Hr	742.00	740.19	0.0010	23.07	23.06	433	1.8149	1.2802	1.8001	1.8149
Ninevah RdBasin	010YR0 6Hr	742.00	740.45	0.0010	27.94	27.91	435	3.2863	2.3545	3.2833	3.2864
Ninevah RdBasin	010YR1 2Hr	742.00	740.59	0.0009	30.40	30.37	435	6.2401	4.4870	6.2333	6.2401

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ninevah RdBasin	010YR2 4Hr	742.00	740.59	0.0010	30.42	30.40	402	12.1889	12.4101	12.1834	12.1891
Ninevah RdBasin	100YR0 1hr	742.00	741.15	0.0010	40.88	40.84	641	0.8340	0.5004	0.8168	0.8340
Ninevah RdBasin	100YR0 2hr	742.00	741.66	0.0010	49.70	49.18	1650	1.3357	1.4487	1.3001	1.3367
Ninevah RdBasin	100YR0 3hr	742.00	741.80	0.0010	51.87	51.09	1931	1.8312	1.3043	1.7999	1.8320
Ninevah RdBasin	100YR0 6hr	742.00	742.36	0.0010	60.24	58.15	3108	3.3238	3.4336	3.2667	3.3243
Ninevah RdBasin	100YR1 2hr	742.00	742.29	0.0010	59.20	57.30	2953	6.2803	6.0501	6.2334	6.2812
Ninevah RdBasin	100YR2 4hr	742.00	741.84	0.0010	52.45	51.66	1992	12.2149	11.9738	12.1833	12.2155
Outlet 4	002YR0 1HR	0.00	0.00	0.0000	44.62	0.00	0	0.0000	0.0000	0.9331	0.0000
Outlet 4	002YR0 2HR	0.00	0.00	0.0000	54.10	0.00	0	0.0000	0.0000	1.3999	0.0000
Outlet 4	002YR0 3HR	0.00	0.00	0.0000	56.57	0.00	0	0.0000	0.0000	1.8835	0.0000
Outlet 4	002YR0 6HR	0.00	0.00	0.0000	72.83	0.00	0	0.0000	0.0000	3.3664	7.8335
Outlet 4	002YR1 2HR	0.00	0.00	0.0000	87.69	0.00	0	0.0000	0.0000	6.3166	0.0000
Outlet 4	002YR2 4HR	0.00	0.00	0.0000	98.55	0.00	0	0.0000	0.0000	12.2500	0.0000
Outlet 4	010YR0 1Hr	0.00	0.00	0.0000	106.18	0.00	0	0.0000	0.0000	0.9000	0.0000
Outlet 4	010YR0 2Hr	0.00	0.00	0.0000	126.86	0.00	0	0.0000	0.0000	1.3834	0.0000
Outlet 4	010YR0 3Hr	0.00	0.00	0.0000	131.13	0.00	0	0.0000	0.0000	1.8667	0.0000
Outlet 4	010YR0 6Hr	0.00	0.00	0.0000	158.10	0.00	0	0.0000	0.0000	3.3500	0.0000
Outlet 4	010YR1 2Hr	0.00	0.00	0.0000	171.69	0.00	0	0.0000	0.0000	6.3000	12.5335
Outlet 4	010YR2 4Hr	0.00	0.00	0.0000	172.93	0.00	0	0.0000	0.0000	12.2334	0.0000
Outlet 4	100YR0 1hr	0.00	0.00	0.0000	227.94	0.00	0	0.0000	0.0000	0.8834	0.0000
Outlet 4	100YR0 2hr	0.00	0.00	0.0000	275.26	0.00	0	0.0000	0.0000	1.3667	4.2333
Outlet 4	100YR0 3hr	0.00	0.00	0.0000	287.07	0.00	0	0.0000	0.0000	1.8666	0.0000
Outlet 4	100YR0	0.00	0.00	0.0000	331.49	0.00	0	0.0000	0.0000	3.3334	0.0000

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6hr										
Outlet 4	100YR1 2hr	0.00	0.00	0.0000	326.42	0.00	0	0.0000	0.0000	6.2834	0.0000
Outlet 4	100YR2 4hr	0.00	0.00	0.0000	292.92	0.00	0	0.0000	0.0000	12.2334	0.0000
Outlet 5	002YR0 1HR	0.00	0.00	0.0000	9.10	0.00	0	0.0000	0.0000	1.1001	0.0000
Outlet 5	002YR0 2HR	0.00	0.00	0.0000	10.94	0.00	0	0.0000	0.0000	1.5833	0.0000
Outlet 5	002YR0 3HR	0.00	0.00	0.0000	11.39	0.00	0	0.0000	0.0000	2.0667	0.0000
Outlet 5	002YR0 6HR	0.00	0.00	0.0000	14.64	0.00	0	0.0000	0.0000	3.5333	0.0000
Outlet 5	002YR1 2HR	0.00	0.00	0.0000	17.77	0.00	0	0.0000	0.0000	6.4833	0.0000
Outlet 5	002YR2 4HR	0.00	0.00	0.0000	20.38	0.00	0	0.0000	0.0000	12.3999	0.0000
Outlet 5	010YR0 1Hr	0.00	0.00	0.0000	21.32	0.00	0	0.0000	0.0000	1.0668	0.0000
Outlet 5	010YR0 2Hr	0.00	0.00	0.0000	25.29	0.00	0	0.0000	0.0000	1.5499	0.0000
Outlet 5	010YR0 3Hr	0.00	0.00	0.0000	26.17	0.00	0	0.0000	0.0000	2.0334	0.0000
Outlet 5	010YR0 6Hr	0.00	0.00	0.0000	31.71	0.00	0	0.0000	0.0000	3.5166	0.0000
Outlet 5	010YR1 2Hr	0.00	0.00	0.0000	34.80	0.00	0	0.0000	0.0000	6.4666	0.0000
Outlet 5	010YR2 4Hr	0.00	0.00	0.0000	35.93	0.00	0	0.0000	0.0000	12.3833	0.0000
Outlet 5	100YR0 1hr	0.00	0.00	0.0000	45.29	0.00	0	0.0000	0.0000	1.0499	0.0000
Outlet 5	100YR0 2hr	0.00	0.00	0.0000	54.69	0.00	0	0.0000	0.0000	1.5333	0.0000
Outlet 5	100YR0 3hr	0.00	0.00	0.0000	57.10	0.00	0	0.0000	0.0000	2.0332	0.0000
Outlet 5	100YR0 6hr	0.00	0.00	0.0000	66.56	0.00	0	0.0000	0.0000	3.4999	0.0000
Outlet 5	100YR1 2hr	0.00	0.00	0.0000	66.32	0.00	0	0.0000	0.0000	6.4499	0.0000
Outlet 5	100YR2 4hr	0.00	0.00	0.0000	61.03	0.00	0	0.0000	0.0000	12.3668	0.0000
U/S 30" Pipe	002YR0 1HR	738.00	736.67	0.0010	2.31	2.30	528	0.8790	1.8048	0.8501	0.8759
U/S 30" Pipe	002YR0 2HR	738.00	736.77	0.0010	3.02	3.00	562	1.3518	2.7168	1.3334	1.3481

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
U/S 30" Pipe	002YR0 3HR	738.00	736.79	0.0007	3.23	3.21	570	1.8403	1.5562	1.8166	1.8386
U/S 30" Pipe	002YR0 6HR	738.00	736.96	0.0008	4.59	4.55	615	3.3027	3.0089	3.2833	3.3008
U/S 30" Pipe	002YR1 2HR	738.00	737.12	0.0009	6.10	6.05	724	6.2537	12.5233	6.2333	6.2515
U/S 30" Pipe	002YR2 4HR	738.00	737.24	0.0009	7.36	7.29	821	12.1968	11.4639	12.1667	12.1942
U/S 30" Pipe	010YR0 1Hr	738.00	737.23	0.0007	7.18	7.13	810	0.8411	0.5419	0.8166	0.8407
U/S 30" Pipe	010YR0 2Hr	738.00	737.40	0.0008	9.08	8.98	941	1.3248	1.0193	1.3000	1.3223
U/S 30" Pipe	010YR0 3Hr	738.00	737.44	0.0008	9.54	9.43	970	1.8166	1.5072	1.7834	1.8136
U/S 30" Pipe	010YR0 6Hr	738.00	737.68	0.0009	12.30	12.15	1132	3.2875	2.9140	3.2666	3.2866
U/S 30" Pipe	010YR1 2Hr	738.00	737.81	0.0010	13.98	13.78	1209	6.2444	5.4763	6.2167	6.2433
U/S 30" Pipe	010YR2 4Hr	738.00	737.85	0.0009	14.40	14.22	1153	12.1907	10.4425	12.1667	12.1896
U/S 30" Pipe	100YR0 1hr	738.00	738.15	0.0008	18.27	17.88	1800	0.8369	1.2395	0.8000	0.8360
U/S 30" Pipe	100YR0 2hr	738.00	738.49	0.0008	23.24	22.19	2793	1.3364	1.4812	1.2834	1.3359
U/S 30" Pipe	100YR0 3hr	738.00	738.59	0.0010	24.58	23.38	2978	1.8297	1.9863	1.7833	1.8288
U/S 30" Pipe	100YR0 6hr	738.00	738.93	0.0010	29.66	27.52	4110	3.3153	3.5172	3.2500	3.3136
U/S 30" Pipe	100YR1 2hr	738.00	738.93	0.0010	29.57	27.52	4110	6.2735	6.4751	6.2001	6.2719
U/S 30" Pipe	100YR2 4hr	738.00	738.72	0.0010	26.31	25.06	3406	12.2134	12.3814	12.1501	12.2121
YI-Ex-03	002YR0 1HR	737.84	734.67	0.0010	10.28	10.27	604	0.9526	0.2978	0.9404	0.9518
YI-Ex-03	002YR0 2HR	737.84	734.80	0.0010	12.27	12.26	609	1.4118	0.2978	1.4039	1.4138
YI-Ex-03	002YR0 3HR	737.84	734.84	0.0010	12.90	12.88	610	1.8994	0.2978	1.8874	1.9031
YI-Ex-03	002YR0 6HR	737.84	735.12	0.0010	17.49	17.48	610	3.3630	0.2978	3.3535	3.3624
YI-Ex-03	002YR1 2HR	737.84	735.42	0.0010	23.00	22.96	610	6.2966	0.2978	6.2841	6.2863
YI-Ex-03	002YR2 4HR	737.84	735.71	0.0010	27.77	27.72	611	12.2299	0.2978	12.2173	12.2265
YI-Ex-03	010YR0	737.84	735.68	0.0010	27.14	27.10	610	0.8814	0.5963	0.8694	0.8790

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1Hr										
YI-Ex-03	010YR0 2Hr	737.84	736.07	0.0010	33.41	33.39	611	1.3598	1.0848	1.3532	1.3581
YI-Ex-03	010YR0 3Hr	737.84	736.14	0.0010	34.54	34.55	611	1.8439	1.5726	1.8428	1.8472
YI-Ex-03	010YR0 6Hr	737.84	736.36	0.0010	37.80	37.82	611	3.3288	0.2978	3.3740	3.3842
YI-Ex-03	010YR1 2Hr	737.84	736.47	0.0010	39.37	39.40	611	6.2900	0.2978	6.3526	6.3549
YI-Ex-03	010YR2 4Hr	737.84	737.11	0.0010	39.94	39.96	611	12.7060	0.2978	12.2778	12.2823
YI-Ex-03	100YR0 1hr	737.84	736.96	0.0013	42.57	42.59	611	1.4213	1.6571	0.9773	0.9805
YI-Ex-03	100YR0 2hr	737.84	737.81	0.0019	45.43	45.45	611	2.2347	3.1183	1.4721	1.4730
YI-Ex-03	100YR0 3hr	737.84	737.99	0.0025	46.31	46.34	3246	2.8625	4.0426	1.9612	1.9596
YI-Ex-03	100YR0 6hr	737.84	738.57	0.0013	49.60	49.62	15830	4.4677	6.4672	3.4146	3.4144
YI-Ex-03	100YR1 2hr	737.84	738.78	0.0010	49.23	49.22	20502	7.3394	6.0129	6.3104	6.3098
YI-Ex-03	100YR2 4hr	737.84	738.83	0.0010	45.87	45.71	21552	13.1860	0.2978	12.1586	12.1577
YI-Ex31 6	002YR0 1HR	737.55	735.10	0.0010	8.33	8.32	592	0.9560	1.2336	0.9433	0.9635
YI-Ex31 6	002YR0 2HR	737.55	735.26	0.0010	9.83	9.81	592	1.4160	2.2826	1.4197	1.4235
YI-Ex31 6	002YR0 3HR	737.55	735.31	0.0010	10.32	10.31	592	1.9046	1.5660	1.9035	1.9086
YI-Ex31 6	002YR0 6HR	737.55	735.69	0.0010	14.15	14.13	592	3.3661	3.0280	3.3499	3.3683
YI-Ex31 6	002YR1 2HR	737.55	736.20	0.0010	19.03	18.74	592	6.2944	6.0374	6.3088	6.2944
YI-Ex31 6	002YR2 4HR	737.55	736.75	0.0010	23.13	22.88	592	12.2284	12.0995	12.2228	12.2268
YI-Ex31 6	010YR0 1Hr	737.55	736.66	0.0010	21.98	21.96	592	0.8829	1.0033	0.8835	0.8837
YI-Ex31 6	010YR0 2Hr	737.55	737.48	0.0010	27.29	27.24	591	1.3623	1.5181	1.3500	1.3515
YI-Ex31 6	010YR0 3Hr	737.55	737.65	0.0010	28.63	28.55	2121	1.8698	1.5250	1.8499	1.8955
YI-Ex31 6	010YR0 6Hr	737.55	738.21	0.0055	37.45	33.21	14468	3.4311	3.6197	3.3000	3.5114
YI-Ex31 6	010YR1 2Hr	737.55	738.49	0.0055	43.50	35.13	20511	6.4201	6.7041	6.2501	6.5286

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
YI-Ex316	010YR2 4Hr	737.55	738.61	0.0027	46.11	33.49	21792	12.3984	12.8043	12.1999	12.3185
YI-Ex316	100YR0 1hr	737.55	739.02	0.0093	54.79	38.88	21792	1.0633	1.5385	0.7911	1.0004
YI-Ex316	100YR0 2hr	737.55	739.55	0.0026	69.13	46.74	21792	1.5461	2.5893	1.3334	1.5149
YI-Ex316	100YR0 3hr	737.55	739.71	0.0018	73.35	49.10	21792	2.0403	1.6040	1.8333	2.0094
YI-Ex316	100YR0 6hr	737.55	740.40	0.0016	88.90	55.12	21792	3.5494	3.0471	3.3000	3.4415
YI-Ex316	100YR1 2hr	737.55	740.51	0.0011	90.12	53.70	21792	6.5135	6.0077	6.2499	6.4334
YI-Ex316	100YR2 4hr	737.55	740.32	0.0010	82.08	49.49	21792	12.4600	12.1163	12.2000	12.3748
YI-Ex317	002YR0 1HR	738.38	735.11	0.0010	1.35	1.53	597	0.9604	0.8384	1.1137	1.1384
YI-Ex317	002YR0 2HR	738.38	735.26	0.0010	1.49	1.66	597	1.4190	1.2034	1.6923	1.6917
YI-Ex317	002YR0 3HR	738.38	735.31	0.0010	1.50	1.68	597	1.9035	0.1300	2.1961	2.1822
YI-Ex317	002YR0 6HR	738.38	735.69	0.0010	2.16	1.94	597	3.3654	3.1549	3.2335	3.7672
YI-Ex317	002YR1 2HR	738.38	736.20	0.0010	3.06	2.93	597	6.2949	6.2168	6.1670	6.3237
YI-Ex317	002YR2 4HR	738.38	736.75	0.0010	3.78	3.35	597	12.2281	12.0944	12.1026	12.2361
YI-Ex317	010YR0 1Hr	738.38	736.66	0.0010	3.99	2.98	597	0.8831	1.0033	0.7660	0.8835
YI-Ex317	010YR0 2Hr	738.38	737.48	0.0010	5.33	3.93	597	1.3629	1.4336	1.2139	1.2952
YI-Ex317	010YR0 3Hr	738.38	737.65	0.0010	5.58	4.17	597	1.8698	1.6253	1.6982	1.7840
YI-Ex317	010YR0 6Hr	738.38	738.21	0.0022	6.54	5.19	598	3.4303	3.6198	3.1382	3.1924
YI-Ex317	010YR1 2Hr	738.38	738.49	0.0022	6.21	5.83	2387	6.4201	6.7044	6.1192	6.2333
YI-Ex317	010YR2 4Hr	738.38	738.60	0.0017	6.14	6.03	4913	12.3998	12.8044	12.1667	12.1832
YI-Ex317	100YR0 1hr	738.38	739.02	0.0033	10.71	7.52	13857	1.0825	1.5390	0.9153	0.7907
YI-Ex317	100YR0 2hr	738.38	739.46	0.0021	17.66	8.78	21792	1.6796	1.1218	1.4029	1.2305
YI-Ex317	100YR0 3hr	738.38	739.57	0.0021	19.73	9.01	21792	2.1927	1.6039	1.8998	1.7100
YI-Ex317	100YR0	738.38	740.05	0.0016	26.82	11.25	21792	3.7607	3.0468	3.3724	3.6384

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
7	6hr										
YI-Ex31 7	100YR1 2hr	738.38	740.12	0.0011	27.36	11.66	21792	6.7404	6.0078	6.3330	6.6096
YI-Ex31 7	100YR2 4hr	738.38	739.99	0.0010	25.04	10.78	21792	12.6655	11.8576	12.2908	12.5375

Node Max Conditions w/ Times [Existing Section 3 Onsite]

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-0 2	002YR0 1HR	739.81	734.56	0.0010	9.85	9.84	396	0.9500	0.3239	0.9358	0.9466
CI-EX-0 2	002YR0 2HR	739.81	734.72	0.0010	11.76	11.75	398	1.4060	0.3239	1.3921	1.4017
CI-EX-0 2	002YR0 3HR	739.81	734.76	0.0010	12.36	12.35	398	1.8885	1.5499	1.8770	1.8836
CI-EX-0 2	002YR0 6HR	739.81	735.10	0.0010	16.79	16.78	398	3.3582	0.3239	3.3482	3.3544
CI-EX-0 2	002YR1 2HR	739.81	735.46	0.0010	22.07	22.04	398	6.2855	0.3239	6.2742	6.2808
CI-EX-0 2	002YR2 4HR	739.81	735.78	0.0010	27.12	27.29	398	12.1935	11.8257	12.2155	12.2216
CI-EX-0 2	010YR0 1Hr	739.81	735.74	0.0010	26.28	26.26	398	0.8664	0.5520	0.8576	0.8633
CI-EX-0 2	010YR0 2Hr	739.81	736.11	0.0012	32.09	32.08	398	1.3390	2.4677	1.3320	1.3365
CI-EX-0 2	010YR0 3Hr	739.81	736.17	0.0010	32.95	32.94	398	1.7944	1.5830	1.7905	1.7981
CI-EX-0 2	010YR0 6Hr	739.81	736.40	0.0010	36.00	36.02	398	3.1820	2.9935	3.1845	3.1843
CI-EX-0 2	010YR1 2Hr	739.81	736.57	0.0012	37.80	37.84	398	6.1146	7.7480	6.4077	6.4043
CI-EX-0 2	010YR2 4Hr	739.81	737.04	0.0037	39.43	39.48	398	12.7389	12.8692	12.1623	12.1605
CI-EX-0 2	100YR0 1hr	739.81	736.84	0.0042	40.89	40.93	398	1.4602	1.5842	1.0081	1.0083
CI-EX-0 2	100YR0 2hr	739.81	737.69	0.0032	44.28	44.33	398	2.2680	3.2908	1.1880	1.1946
CI-EX-0 2	100YR0 3hr	739.81	737.91	0.0036	45.19	45.23	398	2.9419	4.2344	1.6833	1.6833

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-02	100YR0 6hr	739.81	738.48	0.0041	48.30	48.36	398	4.5140	6.4799	3.1503	3.1580
CI-EX-02	100YR1 2hr	739.81	738.69	0.0035	48.80	48.93	398	7.3577	10.1453	6.2089	6.2022
CI-EX-02	100YR2 4hr	739.81	738.74	0.0035	48.85	48.87	398	13.2055	16.1650	12.0834	12.0824
CI-Ex-01	002YR0 1HR	738.95	734.51	0.0010	10.00	9.99	698	0.9527	0.3919	0.9421	0.9532
CI-Ex-01	002YR0 2HR	738.95	734.67	0.0010	11.93	11.93	710	1.4047	0.3919	1.3976	1.4056
CI-Ex-01	002YR0 3HR	738.95	734.71	0.0010	12.53	12.53	712	1.8899	0.3919	1.8793	1.8904
CI-Ex-01	002YR0 6HR	738.95	735.04	0.0010	17.01	17.00	720	3.3600	0.3919	3.3502	3.3603
CI-Ex-01	002YR1 2HR	738.95	735.39	0.0010	22.32	22.31	705	6.2853	6.5167	6.2793	6.2855
CI-Ex-01	002YR2 4HR	738.95	735.71	0.0010	27.58	27.80	407	12.1924	0.3919	12.2202	12.2245
CI-Ex-01	010YR0 1Hr	738.95	735.67	0.0010	26.65	26.64	726	0.8675	0.3919	0.8607	0.8677
CI-Ex-01	010YR0 2Hr	738.95	736.03	0.0011	32.51	32.50	726	1.3397	2.4677	1.3349	1.3397
CI-Ex-01	010YR0 3Hr	738.95	736.09	0.0010	33.47	33.46	726	1.7952	1.5830	1.7896	1.7954
CI-Ex-01	010YR0 6Hr	738.95	736.31	0.0010	37.06	37.13	726	3.1818	0.3919	3.1807	3.1820
CI-Ex-01	010YR1 2Hr	738.95	736.47	0.0012	39.09	39.07	566	6.1145	7.7480	6.1024	6.1029
CI-Ex-01	010YR2 4Hr	738.95	737.00	0.0034	40.30	40.50	407	12.7575	12.8692	12.1290	12.1239
CI-Ex-01	100YR0 1hr	738.95	736.79	0.0036	42.80	42.92	726	1.4776	1.5842	0.6778	0.6791
CI-Ex-01	100YR0 2hr	738.95	737.65	0.0031	46.80	46.79	726	2.2877	1.1018	1.1557	1.1564
CI-Ex-01	100YR0 3hr	738.95	737.87	0.0030	47.83	47.81	726	2.9592	4.2730	1.6418	1.6421
CI-Ex-01	100YR0 6hr	738.95	738.44	0.0038	51.93	51.92	645	4.5345	6.4799	3.1160	3.1152
CI-Ex-01	100YR1 2hr	738.95	738.65	0.0031	51.99	51.98	534	7.3908	10.1453	6.0835	6.0861
CI-Ex-01	100YR2 4hr	738.95	738.71	0.0031	51.71	51.73	417	13.2221	16.1650	12.0631	12.0627
CI-Ex-04	002YR0 1HR	739.37	734.87	0.0010	8.84	8.84	321	0.9557	0.5241	0.9606	0.9638
CI-Ex-0	002YR0	739.37	735.03	0.0010	10.50	10.50	322	1.4102	0.2416	1.4065	1.4168



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
4	2HR										
CI-Ex-04	002YR03HR	739.37	735.08	0.0010	11.02	11.02	322	1.8949	1.5245	1.8937	1.8979
CI-Ex-04	002YR06HR	739.37	735.43	0.0010	15.09	15.09	322	3.3579	0.2416	3.3567	3.3616
CI-Ex-04	002YR12HR	739.37	735.82	0.0010	19.81	19.80	322	6.2853	5.8121	6.2840	6.2883
CI-Ex-04	002YR24HR	739.37	736.19	0.0010	24.17	24.24	322	12.1996	11.5742	12.2237	12.2302
CI-Ex-04	010YR01Hr	739.37	736.14	0.0010	23.42	23.43	322	0.8700	0.5181	0.8712	0.8754
CI-Ex-04	010YR02Hr	739.37	736.66	0.0010	28.73	28.75	322	1.3448	1.0130	1.3678	1.3692
CI-Ex-04	010YR03Hr	739.37	736.75	0.0010	29.60	29.63	322	1.8269	1.4889	1.8956	1.8954
CI-Ex-04	010YR06Hr	739.37	737.06	0.0010	33.39	33.46	322	3.3721	0.2416	3.5141	3.5137
CI-Ex-04	010YR12Hr	739.37	737.23	0.0010	35.45	35.47	322	6.3368	0.2416	6.4395	6.4393
CI-Ex-04	010YR24Hr	739.37	737.54	0.0010	34.67	34.63	322	12.5915	12.0049	12.2616	12.2568
CI-Ex-04	100YR01hr	739.37	737.58	0.0016	37.86	37.88	321	0.9433	1.5587	1.0402	1.0379
CI-Ex-04	100YR02hr	739.37	738.22	0.0017	39.95	39.93	322	2.0284	1.0937	1.4977	1.4962
CI-Ex-04	100YR03hr	739.37	738.36	0.0022	40.51	40.48	322	2.5629	1.5775	1.9763	1.9758
CI-Ex-04	100YR06hr	739.37	738.90	0.0023	42.17	42.08	322	4.0355	3.0321	3.4059	3.4049
CI-Ex-04	100YR12hr	739.37	739.10	0.0012	40.73	40.59	322	6.9999	5.9686	6.3206	6.3178
CI-Ex-04	100YR24hr	739.37	739.12	0.0010	37.05	36.97	322	12.8931	11.9232	12.3168	12.3180
CI-Ex-05	002YR01HR	739.30	734.93	0.0010	8.54	8.55	214	0.9591	0.2025	0.9521	0.9606
CI-Ex-05	002YR02HR	739.30	735.09	0.0010	10.15	10.15	214	1.4110	0.2025	1.4094	1.4160
CI-Ex-05	002YR03HR	739.30	735.14	0.0010	10.68	10.68	214	1.8937	0.2025	1.9000	1.9013
CI-Ex-05	002YR06HR	739.30	735.50	0.0010	14.65	14.65	214	3.3590	2.9951	3.3576	3.3590
CI-Ex-05	002YR12HR	739.30	735.93	0.0010	19.30	19.29	214	6.2850	0.2025	6.2837	6.2840
CI-Ex-05	002YR24HR	739.30	736.36	0.0010	23.56	23.60	214	12.2033	11.8007	12.2236	12.2303

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex-05	010YR0 1Hr	739.30	736.30	0.0010	22.69	22.70	214	0.8712	0.2025	0.8756	0.8805
CI-Ex-05	010YR0 2Hr	739.30	736.90	0.0010	27.96	27.98	214	1.3506	0.2025	1.3692	1.3711
CI-Ex-05	010YR0 3Hr	739.30	736.99	0.0010	28.93	28.96	214	1.8441	1.5041	1.8966	1.8989
CI-Ex-05	010YR0 6Hr	739.30	737.37	0.0011	32.78	32.85	214	3.3936	3.6412	3.5170	3.5170
CI-Ex-05	010YR1 2Hr	739.30	737.56	0.0012	34.80	34.82	214	6.3388	6.7355	6.4453	6.4455
CI-Ex-05	010YR2 4Hr	739.30	737.79	0.0010	33.88	33.84	214	12.5319	11.8071	12.2695	12.2685
CI-Ex-05	100YR0 1hr	739.30	737.94	0.0022	37.05	37.07	214	0.9467	1.5582	1.0620	1.0596
CI-Ex-05	100YR0 2hr	739.30	738.48	0.0017	38.95	38.93	214	1.9283	1.0939	1.5026	1.5020
CI-Ex-05	100YR0 3hr	739.30	738.62	0.0022	39.56	39.53	214	2.3779	1.5806	1.9814	1.9815
CI-Ex-05	100YR0 6hr	739.30	739.21	0.0023	41.00	40.91	214	3.6767	3.0322	3.4156	3.4147
CI-Ex-05	100YR1 2hr	739.30	739.39	0.0013	39.44	39.30	1944	6.6717	5.9689	6.3281	6.3269
CI-Ex-05	100YR2 4hr	739.30	739.36	0.0010	36.06	35.99	1363	12.6031	0.2025	12.3385	12.3411
CI-Ex318	002YR0 1HR	738.90	735.08	0.0010	0.79	0.79	202	0.9644	0.0788	1.6930	1.7023
CI-Ex318	002YR0 2HR	738.90	735.23	0.0010	1.02	1.02	209	1.4176	0.0788	2.4581	2.4767
CI-Ex318	002YR0 3HR	738.90	735.28	0.0010	1.08	1.08	210	1.9037	2.0513	3.3775	3.3583
CI-Ex318	002YR0 6HR	738.90	735.68	0.0010	1.49	1.43	211	3.3613	0.0788	3.2845	3.3616
CI-Ex318	002YR1 2HR	738.90	736.24	0.0010	2.35	3.05	211	6.2883	0.0788	6.2120	6.2892
CI-Ex318	002YR2 4HR	738.90	736.81	0.0010	3.07	3.04	211	12.2103	0.0788	12.1672	12.2150
CI-Ex318	010YR0 1Hr	738.90	736.72	0.0010	2.94	2.87	211	0.8762	1.0306	0.8339	0.8506
CI-Ex318	010YR0 2Hr	738.90	737.53	0.0010	3.98	3.88	212	1.3618	1.1858	1.2841	1.3298
CI-Ex318	010YR0 3Hr	738.90	737.66	0.0010	4.28	4.04	212	1.8757	1.6701	1.7717	1.7719
CI-Ex318	010YR0 6Hr	738.90	738.20	0.0020	5.07	4.55	212	3.4318	3.6417	3.1594	3.4320
CI-Ex318	010YR1	738.90	738.48	0.0020	5.49	4.77	212	6.4198	6.7360	6.0764	6.3595

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
8	2Hr										
CI-Ex318	010YR2 4Hr	738.90	738.59	0.0013	5.24	4.80	212	12.4013	12.8332	11.9946	12.2490
CI-Ex318	100YR0 1hr	738.90	738.99	0.0027	6.12	5.06	2063	1.1080	1.5586	0.6356	0.9051
CI-Ex318	100YR0 2hr	738.90	739.36	0.0022	7.78	5.91	9952	1.8138	1.0798	1.5731	1.5960
CI-Ex318	100YR0 3hr	738.90	739.44	0.0022	8.61	6.29	11864	2.3553	1.5648	2.0785	2.1027
CI-Ex318	100YR0 6hr	738.90	739.77	0.0019	11.78	7.71	18954	4.0417	3.0323	3.6231	3.6609
CI-Ex318	100YR1 2hr	738.90	739.83	0.0012	12.15	7.85	20183	7.0583	5.9709	6.5932	6.6335
CI-Ex318	100YR2 4hr	738.90	739.75	0.0010	11.22	7.39	18425	12.9561	14.8117	12.5210	12.5574
CI-Ex319	002YR0 1HR	739.00	735.08	0.0010	0.79	0.79	118	0.9719	0.9353	1.6734	1.6930
CI-Ex319	002YR0 2HR	739.00	735.22	0.0010	1.02	1.02	118	1.4188	0.0696	2.4480	2.4581
CI-Ex319	002YR0 3HR	739.00	735.27	0.0010	1.08	1.08	118	1.9021	2.0919	3.3401	3.3775
CI-Ex319	002YR0 6HR	739.00	735.68	0.0010	1.43	1.42	118	3.3619	3.6295	3.3616	3.3742
CI-Ex319	002YR1 2HR	739.00	736.24	0.0010	3.05	2.19	118	6.2913	6.6421	6.2892	6.2895
CI-Ex319	002YR2 4HR	739.00	736.80	0.0010	3.04	2.97	118	12.2106	12.0385	12.2150	12.2106
CI-Ex319	010YR0 1Hr	739.00	736.71	0.0010	2.87	2.85	118	0.8749	1.0892	0.8506	0.8751
CI-Ex319	010YR0 2Hr	739.00	737.51	0.0010	3.88	3.84	118	1.3609	1.6218	1.3298	1.3611
CI-Ex319	010YR0 3Hr	739.00	737.64	0.0010	4.04	3.98	118	1.8766	1.6342	1.7719	1.8766
CI-Ex319	010YR0 6Hr	739.00	738.18	0.0020	4.55	4.54	118	3.4322	3.6417	3.4320	3.4449
CI-Ex319	010YR1 2Hr	739.00	738.46	0.0019	4.77	4.75	118	6.4188	6.7360	6.3595	6.3595
CI-Ex319	010YR2 4Hr	739.00	738.58	0.0013	4.80	4.75	118	12.4023	12.8332	12.2490	12.2490
CI-Ex319	100YR0 1hr	739.00	738.97	0.0027	5.06	4.99	118	1.1113	1.5594	0.9051	0.9047
CI-Ex319	100YR0 2hr	739.00	739.34	0.0022	5.91	5.12	7364	1.8329	1.0801	1.5960	1.3533
CI-Ex319	100YR0 3hr	739.00	739.43	0.0022	6.29	5.13	9273	2.3786	1.5652	2.1027	1.8307

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex319	100YR0 6hr	739.00	739.75	0.0019	7.71	5.15	16356	4.0820	3.0325	3.6609	3.2547
CI-Ex319	100YR1 2hr	739.00	739.81	0.0012	7.85	5.06	17598	7.1011	5.9711	6.6335	6.1706
CI-Ex319	100YR2 4hr	739.00	739.73	0.0010	7.39	4.80	15857	12.9940	11.8731	12.5574	12.0466
DS Ex CB	002YR0 1HR	738.91	731.66	0.0010	2.60	0.00	0	3.0005	2.1846	1.6917	0.0000
DS Ex CB	002YR0 2HR	738.91	732.41	0.0010	5.13	0.00	0	6.0020	0.7471	2.3856	0.0000
DS Ex CB	002YR0 3HR	738.91	733.16	0.0010	5.82	0.00	0	9.0020	0.7471	3.1928	0.0000
DS Ex CB	002YR0 6HR	738.91	733.91	0.0010	7.94	2.63	0	11.9999	0.7471	4.5113	11.9996
DS Ex CB	002YR1 2HR	738.91	733.91	0.0010	10.77	0.00	0	11.9995	0.7471	7.2080	0.0000
DS Ex CB	002YR2 4HR	738.91	733.91	0.0010	16.76	4.40	0	12.0000	0.7471	12.8323	11.8630
DS Ex CB	010YR0 1Hr	738.91	731.66	0.0003	11.15	0.00	0	3.0004	0.4771	1.4918	0.0000
DS Ex CB	010YR0 2Hr	738.91	732.41	0.0010	15.69	0.00	0	6.0016	0.7471	2.2056	0.0000
DS Ex CB	010YR0 3Hr	738.91	733.16	0.0010	16.24	0.00	0	9.0006	0.7471	2.7545	0.0000
DS Ex CB	010YR0 6Hr	738.91	733.91	0.0010	19.56	1.63	0	12.0004	0.7471	4.1090	11.9988
DS Ex CB	010YR1 2Hr	738.91	733.91	0.0010	22.35	0.00	0	12.0007	0.7471	6.9745	0.0000
DS Ex CB	010YR2 4Hr	738.91	733.91	0.0010	25.98	3.68	0	12.0000	0.7471	12.8472	11.4322
DS Ex CB	100YR0 1hr	738.91	731.66	0.0002	24.65	0.00	0	3.0000	0.4491	1.5626	0.0000
DS Ex CB	100YR0 2hr	738.91	732.41	0.0008	28.75	0.00	0	6.0015	0.6292	2.4099	0.0000
DS Ex CB	100YR0 3hr	738.91	733.16	0.0010	29.74	0.00	0	9.0009	0.7471	3.1132	0.0000
DS Ex CB	100YR0 6hr	738.91	733.91	0.0010	31.99	0.00	0	12.0002	0.7471	4.6729	0.0000
DS Ex CB	100YR1 2hr	738.91	733.91	0.0010	32.79	0.00	0	12.0001	0.7471	7.4768	0.0000
DS Ex CB	100YR2 4hr	738.91	733.91	0.0010	33.05	2.15	0	12.0000	0.7471	13.3092	10.3830
EastFarm	002YR0 1HR	739.00	737.30	0.0007	7.64	0.00	0	3.0005	2.2262	0.8507	0.0000
EastFar	002YR0	739.00	737.80	0.0007	9.36	0.00	0	6.0020	0.7387	1.3344	0.0000

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
m	2HR										
EastFar m	002YR0 3HR	739.00	738.30	0.0007	9.77	0.00	0	9.0020	0.7387	1.8198	9.0020
EastFar m	002YR0 6HR	739.00	738.80	0.0007	12.51	0.03	0	11.9999	0.7387	3.2942	9.3267
EastFar m	002YR1 2HR	739.00	738.80	0.0007	15.09	0.00	0	11.9995	0.7387	6.2508	0.0000
EastFar m	002YR2 4HR	739.00	738.80	0.0007	16.95	0.00	0	12.0000	0.7387	12.1971	0.0000
EastFar m	010YR0 1Hr	739.00	737.30	0.0002	18.62	0.00	0	3.0004	0.4783	0.8369	0.0000
EastFar m	010YR0 2Hr	739.00	737.80	0.0007	22.35	0.00	0	6.0016	0.7387	1.3216	0.0000
EastFar m	010YR0 3Hr	739.00	738.30	0.0007	23.06	0.00	0	9.0006	0.7387	1.8140	9.0006
EastFar m	010YR0 6Hr	739.00	738.80	0.0007	27.91	0.02	0	12.0004	0.7387	3.2856	9.3248
EastFar m	010YR1 2Hr	739.00	738.80	0.0007	30.37	0.00	0	12.0007	0.7387	6.2391	0.0000
EastFar m	010YR2 4Hr	739.00	738.80	0.0007	30.40	0.00	0	12.0000	0.7387	12.1892	0.0000
EastFar m	100YR0 1hr	739.00	737.30	0.0001	40.84	0.00	0	3.0000	0.4491	0.8330	0.0000
EastFar m	100YR0 2hr	739.00	737.80	0.0005	49.18	0.00	0	6.0015	0.6292	1.3366	0.0000
EastFar m	100YR0 3hr	739.00	738.30	0.0007	51.09	0.00	0	9.0009	0.7387	1.8320	9.0009
EastFar m	100YR0 6hr	739.00	738.80	0.0007	58.15	0.02	0	12.0002	0.7387	3.3244	9.3217
EastFar m	100YR1 2hr	739.00	738.80	0.0007	57.31	0.00	0	12.0001	0.7387	6.2808	0.0000
EastFar m	100YR2 4hr	739.00	738.80	0.0007	51.67	0.00	0	12.0000	0.7387	12.2156	0.0000
Ex Pond A	002YR0 1HR	738.00	735.23	0.0003	8.14	0.79	63793	1.6682	0.9331	0.9331	1.6734
Ex Pond A	002YR0 2HR	738.00	735.33	0.0003	10.42	1.02	64369	2.4683	1.3862	1.4001	2.4480
Ex Pond A	002YR0 3HR	738.00	735.36	0.0003	11.01	1.08	64516	3.3390	1.8862	1.8836	3.3401
Ex Pond A	002YR0 6HR	738.00	735.45	0.0003	14.43	1.29	65067	5.3042	3.4551	3.3666	5.3332
Ex Pond A	002YR1 2HR	738.00	735.54	0.0003	17.61	1.46	65572	8.0440	6.3150	6.3124	7.9968
Ex Pond A	002YR2 4HR	738.00	735.66	0.0004	19.99	1.60	66261	14.0525	12.2236	12.2447	13.7726

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ex Pond A	010YR0 1Hr	738.00	735.63	0.0003	21.61	1.54	66072	1.6777	0.9565	0.9000	1.6811
Ex Pond A	010YR0 2Hr	738.00	735.85	0.0003	26.15	1.92	67318	2.4646	5.6154	1.3833	2.4324
Ex Pond A	010YR0 3Hr	738.00	735.90	0.0003	27.01	2.01	67634	3.3256	7.0055	1.8833	3.3107
Ex Pond A	010YR0 6Hr	738.00	736.14	0.0004	31.89	2.38	69216	5.2833	9.5943	3.3501	5.6709
Ex Pond A	010YR1 2Hr	738.00	736.33	0.0004	34.20	2.64	70569	8.3172	14.1130	6.3000	9.0963
Ex Pond A	010YR2 4Hr	738.00	736.53	0.0005	34.25	2.88	72023	14.3608	12.3673	12.2498	15.4594
Ex Pond A	100YR0 1hr	738.00	736.45	0.0004	44.40	2.71	71417	1.8705	1.0010	0.8834	2.7404
Ex Pond A	100YR0 2hr	738.00	736.99	0.0005	52.38	3.30	75290	2.8706	1.8435	1.3667	4.2986
Ex Pond A	100YR0 3hr	738.00	737.22	0.0006	54.20	3.51	76910	3.6879	8.8935	1.8667	5.2847
Ex Pond A	100YR0 6hr	738.00	737.83	0.0007	61.25	3.92	81297	6.3418	11.2611	3.3333	8.0677
Ex Pond A	100YR1 2hr	738.00	737.96	0.0007	60.06	4.06	82185	9.8462	16.0382	6.2999	12.4485
Ex Pond A	100YR2 4hr	738.00	737.90	0.0006	54.06	3.98	81762	15.5414	26.2903	12.2334	18.5099
Ex Pond B	002YR0 1HR	737.00	733.53	0.0010	19.23	2.60	42472	1.7060	1.1096	0.9500	1.6917
Ex Pond B	002YR0 2HR	737.00	733.89	0.0010	23.26	5.13	43754	2.3889	1.6276	1.4168	2.3856
Ex Pond B	002YR0 3HR	737.00	733.97	0.0010	24.41	5.82	44059	3.1997	1.8310	1.9017	3.1928
Ex Pond B	002YR0 6HR	737.00	734.22	0.0010	32.64	7.94	44906	4.5222	3.3502	3.3672	4.5113
Ex Pond B	002YR1 2HR	737.00	734.54	0.0010	41.67	10.77	45843	7.2180	6.2868	6.3002	7.2080
Ex Pond B	002YR2 4HR	737.00	735.23	0.0010	50.27	16.76	47979	12.8311	10.4172	12.2334	12.8323
Ex Pond B	010YR0 1Hr	737.00	734.59	0.0010	49.64	11.15	46060	1.4962	0.8962	0.8925	1.4918
Ex Pond B	010YR0 2Hr	737.00	735.10	0.0010	60.47	15.69	47599	2.2085	1.3750	1.3849	2.2056
Ex Pond B	010YR0 3Hr	737.00	735.17	0.0010	62.22	16.24	47846	2.7622	1.8395	1.8671	2.7545
Ex Pond B	010YR0 6Hr	737.00	735.64	0.0010	72.23	19.56	49732	4.1088	3.5487	3.3477	4.1090
Ex Pond	010YR1	737.00	736.11	0.0010	77.54	22.35	51435	6.9743	6.2897	6.2994	6.9745

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
B	2Hr										
Ex Pond B	010YR2 4Hr	737.00	736.82	0.0010	80.29	25.98	54540	12.8467	11.2534	12.2167	12.8472
Ex Pond B	100YR0 1hr	737.00	736.55	0.0010	92.77	24.65	53348	1.5624	0.8277	0.8959	1.5626
Ex Pond B	100YR0 2hr	737.00	737.43	0.0010	108.14	28.75	55345	2.4095	1.2775	1.4034	2.4099
Ex Pond B	100YR0 3hr	737.00	737.67	0.0010	112.66	29.74	55345	3.1129	1.8312	1.8866	3.1132
Ex Pond B	100YR0 6hr	737.00	738.22	0.0010	128.25	31.99	55345	4.6724	3.2845	3.3500	4.6729
Ex Pond B	100YR1 2hr	737.00	738.44	0.0010	126.79	32.79	55345	7.4766	6.2564	6.2924	7.4768
Ex Pond B	100YR2 4hr	737.00	738.50	0.0010	115.09	33.05	55345	13.3090	9.3355	12.2167	13.3092
Ninevah RdBasin	002YR0 1HR	742.00	739.27	0.0010	7.64	7.64	359	0.8519	1.8925	0.8495	0.8507
Ninevah RdBasin	002YR0 2HR	742.00	739.39	0.0010	9.36	9.36	374	1.3348	1.1492	1.3331	1.3344
Ninevah RdBasin	002YR0 3HR	742.00	739.42	0.0010	9.78	9.77	377	1.8220	1.4373	1.8168	1.8198
Ninevah RdBasin	002YR0 6HR	742.00	739.59	0.0010	12.52	12.51	395	3.2942	9.2808	3.2835	3.2942
Ninevah RdBasin	002YR1 2HR	742.00	739.75	0.0010	15.10	15.09	409	6.2520	5.5494	6.2499	6.2508
Ninevah RdBasin	002YR2 4HR	742.00	739.86	0.0010	16.96	16.95	391	12.2004	24.4233	12.1834	12.1971
Ninevah RdBasin	010YR0 1Hr	742.00	739.95	0.0010	18.64	18.62	422	0.8367	0.4908	0.8334	0.8369
Ninevah RdBasin	010YR0 2Hr	742.00	740.16	0.0010	22.37	22.35	432	1.3214	0.9732	1.3166	1.3216
Ninevah RdBasin	010YR0 3Hr	742.00	740.19	0.0010	23.08	23.06	433	1.8149	1.2802	1.8000	1.8140
Ninevah RdBasin	010YR0 6Hr	742.00	740.45	0.0010	27.94	27.91	435	3.2861	2.3545	3.2833	3.2856
Ninevah RdBasin	010YR1 2Hr	742.00	740.59	0.0010	30.40	30.37	435	6.2403	6.1168	6.2334	6.2391
Ninevah RdBasin	010YR2 4Hr	742.00	740.59	0.0010	30.42	30.40	402	12.1891	12.3679	12.1834	12.1892
Ninevah RdBasin	100YR0 1hr	742.00	741.15	0.0010	40.88	40.84	641	0.8340	1.2897	0.8167	0.8330
Ninevah RdBasin	100YR0 2hr	742.00	741.66	0.0010	49.70	49.18	1650	1.3357	1.1358	1.3001	1.3366
Ninevah RdBasin	100YR0 3hr	742.00	741.80	0.0010	51.87	51.09	1931	1.8312	1.9414	1.8000	1.8320

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ninevah RdBasin	100YR0 6hr	742.00	742.36	0.0010	60.24	58.15	3108	3.3238	3.4618	3.2667	3.3244
Ninevah RdBasin	100YR1 2hr	742.00	742.29	0.0010	59.20	57.31	2953	6.2803	6.0405	6.2333	6.2808
Ninevah RdBasin	100YR2 4hr	742.00	741.84	0.0010	52.45	51.67	1992	12.2149	12.4132	12.1833	12.2156
Outlet 4	002YR0 1HR	0.00	0.00	0.0000	73.07	0.00	0	0.0000	0.0000	0.6832	0.0000
Outlet 4	002YR0 2HR	0.00	0.00	0.0000	91.68	0.00	0	0.0000	0.0000	1.1668	0.0000
Outlet 4	002YR0 3HR	0.00	0.00	0.0000	96.26	0.00	0	0.0000	0.0000	1.6666	0.0000
Outlet 4	002YR0 6HR	0.00	0.00	0.0000	123.98	0.00	0	0.0000	0.0000	3.1334	0.0000
Outlet 4	002YR1 2HR	0.00	0.00	0.0000	141.28	0.00	0	0.0000	0.0000	6.1000	0.0000
Outlet 4	002YR2 4HR	0.00	0.00	0.0000	141.48	0.00	0	0.0000	0.0000	12.0667	0.0000
Outlet 4	010YR0 1Hr	0.00	0.00	0.0000	182.64	0.00	0	0.0000	0.0000	0.6667	0.0000
Outlet 4	010YR0 2Hr	0.00	0.00	0.0000	221.25	0.00	0	0.0000	0.0000	1.1667	0.0000
Outlet 4	010YR0 3Hr	0.00	0.00	0.0000	227.34	0.00	0	0.0000	0.0000	1.6500	0.0000
Outlet 4	010YR0 6Hr	0.00	0.00	0.0000	268.87	0.00	0	0.0000	0.0000	3.1333	0.0000
Outlet 4	010YR1 2Hr	0.00	0.00	0.0000	273.19	0.00	0	0.0000	0.0000	6.1000	0.0000
Outlet 4	010YR2 4Hr	0.00	0.00	0.0000	244.51	0.00	0	0.0000	0.0000	12.0667	0.0000
Outlet 4	100YR0 1hr	0.00	0.00	0.0000	402.58	0.00	0	0.0000	0.0000	0.6667	0.0000
Outlet 4	100YR0 2hr	0.00	0.00	0.0000	483.52	0.00	0	0.0000	0.0000	1.1500	0.0000
Outlet 4	100YR0 3hr	0.00	0.00	0.0000	498.28	0.00	0	0.0000	0.0000	1.6500	0.0000
Outlet 4	100YR0 6hr	0.00	0.00	0.0000	559.57	0.00	0	0.0000	0.0000	3.1333	0.0000
Outlet 4	100YR1 2hr	0.00	0.00	0.0000	513.59	0.00	0	0.0000	0.0000	6.1000	0.0000
Outlet 4	100YR2 4hr	0.00	0.00	0.0000	408.64	0.00	0	0.0000	0.0000	12.0666	0.0000
Outlet 5	002YR0 1HR	0.00	0.00	0.0000	9.11	0.00	0	0.0000	0.0000	1.0998	0.0000
Outlet 5	002YR0	0.00	0.00	0.0000	10.94	0.00	0	0.0000	0.0000	1.5830	0.0000



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2HR										
Outlet 5	002YR0 3HR	0.00	0.00	0.0000	11.39	0.00	0	0.0000	0.0000	2.0666	0.0000
Outlet 5	002YR0 6HR	0.00	0.00	0.0000	14.65	0.00	0	0.0000	0.0000	3.5333	0.0000
Outlet 5	002YR1 2HR	0.00	0.00	0.0000	17.77	0.00	0	0.0000	0.0000	6.4833	0.0000
Outlet 5	002YR2 4HR	0.00	0.00	0.0000	20.39	0.00	0	0.0000	0.0000	12.3999	0.0000
Outlet 5	010YR0 1Hr	0.00	0.00	0.0000	21.33	0.00	0	0.0000	0.0000	1.0667	0.0000
Outlet 5	010YR0 2Hr	0.00	0.00	0.0000	25.30	0.00	0	0.0000	0.0000	1.5499	0.0000
Outlet 5	010YR0 3Hr	0.00	0.00	0.0000	26.18	0.00	0	0.0000	0.0000	2.0333	0.0000
Outlet 5	010YR0 6Hr	0.00	0.00	0.0000	31.72	0.00	0	0.0000	0.0000	3.5165	0.0000
Outlet 5	010YR1 2Hr	0.00	0.00	0.0000	34.82	0.00	0	0.0000	0.0000	6.4665	0.0000
Outlet 5	010YR2 4Hr	0.00	0.00	0.0000	35.94	0.00	0	0.0000	0.0000	12.3834	0.0000
Outlet 5	100YR0 1hr	0.00	0.00	0.0000	45.31	0.00	0	0.0000	0.0000	1.0500	0.0000
Outlet 5	100YR0 2hr	0.00	0.00	0.0000	54.71	0.00	0	0.0000	0.0000	1.5334	0.0000
Outlet 5	100YR0 3hr	0.00	0.00	0.0000	57.12	0.00	0	0.0000	0.0000	2.0333	0.0000
Outlet 5	100YR0 6hr	0.00	0.00	0.0000	66.58	0.00	0	0.0000	0.0000	3.5000	0.0000
Outlet 5	100YR1 2hr	0.00	0.00	0.0000	66.34	0.00	0	0.0000	0.0000	6.4499	0.0000
Outlet 5	100YR2 4hr	0.00	0.00	0.0000	61.06	0.00	0	0.0000	0.0000	12.3667	0.0000
U/S 30" Pipe	002YR0 1HR	738.00	736.67	0.0010	2.31	2.30	528	0.8787	1.8028	0.8501	0.8757
U/S 30" Pipe	002YR0 2HR	738.00	736.77	0.0008	3.02	3.00	562	1.3514	1.1531	1.3331	1.3478
U/S 30" Pipe	002YR0 3HR	738.00	736.79	0.0008	3.23	3.21	570	1.8400	1.6640	1.8168	1.8375
U/S 30" Pipe	002YR0 6HR	738.00	736.96	0.0009	4.59	4.55	615	3.3026	6.6013	3.2832	3.3008
U/S 30" Pipe	002YR1 2HR	738.00	737.12	0.0009	6.10	6.05	725	6.2535	12.5250	6.2333	6.2520
U/S 30" Pipe	002YR2 4HR	738.00	737.24	0.0010	7.36	7.29	820	12.1965	24.4233	12.1667	12.1945

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
U/S 30" Pipe	010YR0 1Hr	738.00	737.23	0.0007	7.18	7.13	810	0.8414	0.6388	0.8167	0.8385
U/S 30" Pipe	010YR0 2Hr	738.00	737.40	0.0009	9.08	8.98	941	1.3248	2.2220	1.3000	1.3220
U/S 30" Pipe	010YR0 3Hr	738.00	737.44	0.0005	9.54	9.43	971	1.8165	1.6224	1.7834	1.8155
U/S 30" Pipe	010YR0 6Hr	738.00	737.68	0.0008	12.30	12.15	1132	3.2875	3.1741	3.2666	3.2863
U/S 30" Pipe	010YR1 2Hr	738.00	737.81	0.0010	13.98	13.78	1202	6.2443	5.2160	6.2167	6.2425
U/S 30" Pipe	010YR2 4Hr	738.00	737.85	0.0009	14.40	14.22	1143	12.1904	24.5143	12.1667	12.1889
U/S 30" Pipe	100YR0 1hr	738.00	738.15	0.0008	18.27	17.88	1800	0.8369	1.2897	0.8000	0.8354
U/S 30" Pipe	100YR0 2hr	738.00	738.49	0.0009	23.24	22.19	2734	1.3363	1.4795	1.2833	1.3356
U/S 30" Pipe	100YR0 3hr	738.00	738.59	0.0010	24.58	23.38	2983	1.8296	1.9893	1.7833	1.8286
U/S 30" Pipe	100YR0 6hr	738.00	738.93	0.0010	29.66	27.53	4111	3.3152	3.5249	3.2500	3.3147
U/S 30" Pipe	100YR1 2hr	738.00	738.93	0.0010	29.57	27.53	4111	6.2733	6.4575	6.2000	6.2723
U/S 30" Pipe	100YR2 4hr	738.00	738.72	0.0010	26.31	25.07	3407	12.2133	8.7114	12.1501	12.2125
YI-Ex-03	002YR0 1HR	737.84	734.66	0.0010	9.47	9.46	604	0.9500	0.2978	0.9343	0.9490
YI-Ex-03	002YR0 2HR	737.84	734.81	0.0010	11.30	11.29	610	1.4065	0.2978	1.3913	1.4110
YI-Ex-03	002YR0 3HR	737.84	734.86	0.0010	11.87	11.86	611	1.8885	0.2978	1.8766	1.8925
YI-Ex-03	002YR0 6HR	737.84	735.20	0.0010	16.18	16.16	611	3.3585	0.2978	3.3452	3.3567
YI-Ex-03	002YR1 2HR	737.84	735.58	0.0010	21.27	21.23	611	6.2850	0.2978	6.2724	6.2825
YI-Ex-03	002YR2 4HR	737.84	735.92	0.0010	25.96	26.18	611	12.1951	0.2978	12.2155	12.2238
YI-Ex-03	010YR0 1Hr	737.84	735.87	0.0010	25.22	25.22	611	0.8670	0.2978	0.8587	0.8687
YI-Ex-03	010YR0 2Hr	737.84	736.29	0.0010	30.81	30.82	611	1.3405	0.2978	1.3390	1.3463
YI-Ex-03	010YR0 3Hr	737.84	736.35	0.0010	31.49	31.52	611	1.7974	0.2978	1.8490	1.8540
YI-Ex-03	010YR0 6Hr	737.84	736.62	0.0010	34.64	34.77	611	3.2055	0.2978	3.5032	3.5013
YI-Ex-03	010YR1	737.84	736.81	0.0010	36.89	36.94	611	6.1303	5.9721	6.4192	6.4159

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2Hr										
YI-Ex-03	010YR2 4Hr	737.84	737.18	0.0010	37.34	37.35	611	12.6910	12.0049	12.2057	12.2010
YI-Ex-03	100YR0 1hr	737.84	737.09	0.0012	39.73	39.76	611	0.6900	1.5843	1.0233	1.0221
YI-Ex-03	100YR0 2hr	737.84	737.84	0.0019	42.29	42.29	611	2.1790	2.9009	1.4733	1.4715
YI-Ex-03	100YR0 3hr	737.84	738.03	0.0028	43.00	43.00	4233	2.8660	1.5769	1.9478	1.9438
YI-Ex-03	100YR0 6hr	737.84	738.60	0.0025	45.74	45.70	16494	4.4506	3.0283	3.3695	3.3640
YI-Ex-03	100YR1 2hr	737.84	738.81	0.0011	45.21	45.19	21039	7.3190	5.9673	6.2588	6.2555
YI-Ex-03	100YR2 4hr	737.84	738.85	0.0010	43.12	43.14	21792	13.1764	11.8906	12.0999	12.0995
YI-Ex31 6	002YR0 1HR	737.55	735.06	0.0010	8.25	8.24	592	0.9562	0.1768	0.9457	0.9633
YI-Ex31 6	002YR0 2HR	737.55	735.23	0.0010	9.80	9.79	592	1.4137	2.2983	1.4128	1.4201
YI-Ex31 6	002YR0 3HR	737.55	735.29	0.0010	10.35	10.33	592	1.9000	3.3496	1.8992	1.9037
YI-Ex31 6	002YR0 6HR	737.55	735.69	0.0010	14.23	14.20	592	3.3590	3.9672	3.3616	3.3629
YI-Ex31 6	002YR1 2HR	737.55	736.26	0.0010	19.10	18.76	592	6.2842	6.9272	6.2806	6.2837
YI-Ex31 6	002YR2 4HR	737.55	736.84	0.0010	23.24	22.97	592	12.2098	11.9578	12.2238	12.2236
YI-Ex31 6	010YR0 1Hr	737.55	736.75	0.0010	22.07	21.95	592	0.8740	0.5407	0.8980	0.8838
YI-Ex31 6	010YR0 2Hr	737.55	737.58	0.0010	27.29	27.29	728	1.3588	1.2928	1.3501	1.3703
YI-Ex31 6	010YR0 3Hr	737.55	737.72	0.0010	28.63	28.65	3706	1.8745	1.6574	1.8499	1.9150
YI-Ex31 6	010YR0 6Hr	737.55	738.28	0.0057	37.40	33.41	15948	3.4332	3.6405	3.3001	3.5263
YI-Ex31 6	010YR1 2Hr	737.55	738.56	0.0057	43.47	34.62	21792	6.4127	6.7348	6.2501	6.4340
YI-Ex31 6	010YR2 4Hr	737.55	738.67	0.0028	45.38	34.21	21792	12.3932	12.8325	12.1710	12.3027
YI-Ex31 6	100YR0 1hr	737.55	739.09	0.0099	54.76	40.21	21792	1.0483	1.5575	0.8500	1.0027
YI-Ex31 6	100YR0 2hr	737.55	739.62	0.0036	69.13	48.49	21792	1.5393	2.6114	1.3333	1.4844
YI-Ex31 6	100YR0 3hr	737.55	739.79	0.0022	73.35	50.88	21792	2.0308	1.5811	1.8333	1.9701

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
YI-Ex316	100YR0 6hr	737.55	740.50	0.0023	88.90	57.50	21792	3.5357	3.0321	3.3000	3.4280
YI-Ex316	100YR1 2hr	737.55	740.60	0.0014	90.12	56.20	21792	6.5008	5.9708	6.2499	6.4072
YI-Ex316	100YR2 4hr	737.55	740.40	0.0010	82.07	51.98	21792	12.4474	11.7050	12.1999	12.3519
YI-Ex317	002YR0 1HR	738.38	735.07	0.0010	1.32	1.52	596	0.9617	0.7655	1.1166	1.1437
YI-Ex317	002YR0 2HR	738.38	735.24	0.0010	1.48	1.64	597	1.4128	1.2666	1.7409	1.7393
YI-Ex317	002YR0 3HR	738.38	735.29	0.0010	1.49	1.66	597	1.8987	1.7598	2.2133	2.1977
YI-Ex317	002YR0 6HR	738.38	735.69	0.0010	2.03	1.99	597	3.3613	3.1264	3.2334	3.7507
YI-Ex317	002YR1 2HR	738.38	736.26	0.0010	2.93	2.99	597	6.2897	6.1883	6.1911	6.2806
YI-Ex317	002YR2 4HR	738.38	736.84	0.0010	3.87	3.47	597	12.2089	12.2719	12.0655	12.2238
YI-Ex317	010YR0 1Hr	738.38	736.75	0.0010	3.79	3.14	597	0.8737	0.8024	0.7380	0.8980
YI-Ex317	010YR0 2Hr	738.38	737.58	0.0010	4.76	3.98	597	1.3597	1.4256	1.1795	1.2841
YI-Ex317	010YR0 3Hr	738.38	737.72	0.0010	4.94	4.28	598	1.8753	2.0301	1.6629	1.7717
YI-Ex317	010YR0 6Hr	738.38	738.28	0.0023	6.25	5.20	598	3.4306	3.6406	3.0964	3.6417
YI-Ex317	010YR1 2Hr	738.38	738.56	0.0022	6.53	5.84	3889	6.4135	6.7351	6.0272	6.2334
YI-Ex317	010YR2 4Hr	738.38	738.67	0.0017	6.55	6.05	6337	12.3957	12.8326	12.2578	12.1708
YI-Ex317	100YR0 1hr	738.38	739.08	0.0033	11.66	7.61	15263	1.0818	1.5580	0.9018	1.2901
YI-Ex317	100YR0 2hr	738.38	739.51	0.0023	18.56	8.74	21792	1.6763	1.0789	1.3961	2.2709
YI-Ex317	100YR0 3hr	738.38	739.63	0.0025	20.66	8.61	21792	2.1871	1.5639	1.8834	2.0785
YI-Ex317	100YR0 6hr	738.38	740.12	0.0022	27.72	11.78	21792	3.7479	3.0322	3.3516	3.6231
YI-Ex317	100YR1 2hr	738.38	740.19	0.0013	28.16	12.15	21792	6.7257	5.9708	6.3157	6.5932
YI-Ex317	100YR2 4hr	738.38	740.05	0.0010	25.77	11.22	21792	12.6504	11.8196	12.2700	12.5210

**APPENDIX B**

**PROPOSED SITE CONDITIONS**

**CALCULATIONS**



# Bluffs at Youngs Creek Section 4

Job #83540

Post Developed Site

Runoff Coefficients &  
Weighted Curve Numbers

Structure #	Section 3 0.85A <sub>imp</sub> + 0.16A <sub>per</sub> + 0.5A <sub>ag</sub> Total Drainage Area										Section 4 Remainder		Section 5 98A <sub>imp</sub> + 80A <sub>per</sub> Total Drainage Area				Section 6 CN <sub>98</sub> = Impervious Areas CN <sub>80</sub> = Open Space (Good) - D.S	
	Total Drainage Area	Total Pavement Area	Total Pavement Area	Total Roof Area	Total Roof Area	Total Roof Area	Total Impervious Area	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>per</sub>	Total Area A <sub>per</sub>	Total Area A <sub>ag</sub>	Sub-Basin Weighted C-Factor	Sub-Basin Weighted CN	ICPR Basin #	ICPR Basin CN		
	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(sq. ft.)	(ac)	(ac)	(ac)	(ac)	(ac)	C <sub>w</sub>	CN <sub>w</sub>	Area	CN <sub>w</sub>		
450	0.46	7192	0.17	5212	0.12	15415	12404	0.28	0.18	0.29	0.00	0.00	0.59	91.1	Lake 2	8.30	85.61	
451	0.64	10297	0.24	5118	0.12	15415	12404	0.35	0.29	0.00	0.00	0.00	0.54	90.0				
455	1.04	16165	0.37	13590	0.31	29755	29755	0.68	0.36	0.00	0.00	0.00	0.61	91.8				
456	0.62	8618	0.20	3177	0.07	11795	11795	0.27	0.35	0.00	0.00	0.00	0.46	87.9				
463	0.88	13094	0.30	9584	0.22	22678	22678	0.52	0.36	0.00	0.00	0.00	0.57	90.6	463	0.88	90.65	
464	0.78	11774	0.27	6788	0.16	18562	18562	0.43	0.35	0.00	0.00	0.00	0.54	89.8	464	0.78	89.83	
466	0.61	6226	0.14	4853	0.11	11080	11080	0.25	0.36	0.00	0.00	0.00	0.45	87.5	466	0.61	87.51	
467	0.40	5754	0.13	0	0.00	5754	5754	0.13	0.27	0.00	0.00	0.00	0.39	85.9	467	0.40	85.94	
468	0.33	0	0.00	5820	0.13	5820	5820	0.13	0.20	0.00	0.00	0.00	0.44	87.3	468	1.34	88.87	
469	0.25	0	0.00	3748	0.09	3748	3748	0.09	0.16	0.00	0.00	0.00	0.40	86.2	469	1.76	89.31	
470	0.74	0	0.00	9810	0.23	9810	9810	0.23	0.51	0.00	0.00	0.00	0.37	85.5				
472	0.63	10376	0.24	6060	0.14	16436	16436	0.38	0.25	0.00	0.00	0.00	0.57	90.8				
473	0.70	10552	0.24	6000	0.14	16552	16552	0.38	0.32	0.00	0.00	0.00	0.53	89.8			86.96	
474	0.76	0	0.00	9240	0.21	9240	9240	0.21	0.55	0.00	0.00	0.00	0.35	85.0				
475	0.67	10028	0.23	5482	0.13	15510	15510	0.36	0.31	0.00	0.00	0.00	0.53	89.6				
476	0.72	10882	0.25	7704	0.18	18585	18585	0.43	0.29	0.00	0.00	0.00	0.57	90.7				
477	0.16	1930	0.04	1500	0.03	3430	3430	0.08	0.08	0.00	0.00	0.00	0.50	88.9			66.51	
478	0.05	1015	0.02	478	0.00	1015	1015	0.02	0.03	0.00	0.00	0.00	0.48	88.4				
480	0.75	10837	0.25	7537	0.17	18374	18374	0.42	0.33	0.00	0.00	0.00	0.55	90.1			85.61	
481	0.68	10084	0.23	5783	0.13	15867	15867	0.36	0.32	0.00	0.00	0.00	0.53	89.6	480	16.01		
482	0.84	0	0.00	11879	0.27	11879	11879	0.27	0.57	0.00	0.00	0.00	0.38	85.8				
483	1.02	0	0.00	17892	0.41	17892	17892	0.41	0.61	0.00	0.00	0.00	0.44	87.2				
484	0.31	5374	0.12	0	0.00	5374	5374	0.12	0.19	0.00	0.00	0.00	0.43	87.2	485	20.09	82.24	
485	0.51	8176	0.19	5886	0.13	13862	13862	0.32	0.19	0.00	0.00	0.00	0.59	91.2				
487	0.29	5343	0.12	0	0.00	5343	5343	0.12	0.17	0.00	0.00	0.00	0.45	87.6				
488	0.51	8176	0.19	5677	0.13	13853	13853	0.32	0.19	0.00	0.00	0.00	0.59	91.2			85.61	
489	0.39	0	0.00	4380	0.10	4380	4380	0.10	0.29	0.00	0.00	0.00	0.34	84.6				
490	0.18	3019	0.07	0	0.00	3019	3019	0.07	0.11	0.00	0.00	0.00	0.43	86.9				
491	0.33	4504	0.10	3153	0.07	7657	7657	0.18	0.15	0.00	0.00	0.00	0.53	89.6				
492	0.60	9639	0.22	6000	0.14	15639	15639	0.36	0.24	0.00	0.00	0.00	0.57	90.8				
493	0.68	10466	0.24	7337	0.17	17803	17803	0.41	0.27	0.00	0.00	0.00	0.57	90.8			82.24	
494	0.64	9609	0.22	7380	0.17	16989	16989	0.39	0.25	0.00	0.00	0.00	0.58	91.0				
495	0.37	5954	0.14	0	0.00	5954	5954	0.14	0.23	0.00	0.00	0.00	0.41	86.6			88.87	
496	0.67	10539	0.24	5939	0.14	16478	16478	0.38	0.29	0.00	0.00	0.00	0.55	90.2				
497	0.84	11314	0.26	8100	0.19	19414	19414	0.45	0.39	0.00	0.00	0.00	0.53	89.6	499	1.76	89.31	
498	0.21	2696	0.06	0	0.00	2696	2696	0.06	0.15	0.00	0.00	0.00	0.36	85.3				
499	0.16	2626	0.06	0	0.00	2626	2626	0.06	0.10	0.00	0.00	0.00	0.42	86.8			86.96	
500	1.71	0	0.00	14700	0.34	14700	14700	0.34	1.37	0.00	0.00	0.00	0.30	83.6				
501	0.65	0	0.00	8700	0.20	8700	8700	0.20	0.45	0.00	0.00	0.00	0.37	85.5	501	4.11	66.51	
503	0.68	10396	0.24	7350	0.17	17746	17746	0.41	0.27	0.00	0.00	0.00	0.57	90.8	503	0.68	90.78	
504	0.60	9594	0.22	6240	0.14	15834	15834	0.36	0.24	0.00	0.00	0.00	0.58	90.9	504	0.60	90.90	
505	1.04	0	0.00	13860	0.32	13860	13860	0.32	0.72	0.00	0.00	0.00	0.37	85.5				
507	0.57	9038	0.21	4860	0.11	13898	13898	0.32	0.25	0.00	0.00	0.00	0.55	90.1			66.51	
508	0.76	11391	0.26	8506	0.20	19898	19898	0.46	0.30	0.00	0.00	0.00	0.57	90.8				
509	0.33	5753	0.13	0	0.00	5753	5753	0.13	0.20	0.00	0.00	0.00	0.44	87.2				
510	0.55	8404	0.19	6029	0.14	14432	14432	0.33	0.22	0.00	0.00	0.00	0.58	90.8				
517	0.77	10860	0.25	8432	0.19	19292	19292	0.44	0.33	0.00	0.00	0.00	0.56	90.4	517	0.77	90.35	
518	0.53	7748	0.18	2954	0.07	10702	10702	0.25	0.28	0.00	0.00	0.00	0.48	88.3	518	0.53	88.34	
521	0.52	0	0.00	11923	0.27	11923	11923	0.27	0.25	0.00	0.00	0.00	0.52	89.5	521	2.95	88.05	

Structure #	Total Drainage Area (ac)	Total Pavement Area A <sub>pav</sub> (sq. ft.)	Total Pavement Area A <sub>pav</sub> (ac)	Total Roof Area A <sub>imp</sub> (sq. ft.)	Total Roof Area A <sub>imp</sub> (ac)	Total Impervious Area A <sub>imp</sub> (sq. ft.)	Total Impervious Area A <sub>imp</sub> (ac)	Total Previous Area A <sub>per</sub> (ac)	Total Agricultural Area A <sub>ag</sub> (ac)	Sub-Basin Weighted C-Factor C <sub>w</sub>	Sub-Basin Weighted CN	ICPR Basin #	ICPR Basin CN
522	1.39	0	0.00	17912	0.41	17912	0.41	0.98	0.00	0.36	85.3	522	81.21
524	0.34	5756	0.13	0	0.00	5756	0.13	0.21	0.00	0.43	87.0	524	87
525	0.62	9381	0.22	7391	0.17	16773	0.39	0.23	0.00	0.59	91.2	525	91
528	0.64	9730	0.22	5254	0.13	15254	0.35	0.29	0.00	0.54	89.8		
529	0.91	11694	0.27	9335	0.21	21028	0.48	0.43	0.00	0.53	89.5		
530	0.88	0	0.00	9238	0.21	9238	0.21	0.67	0.00	0.33	84.3	521	88.05
531	0.88	13061	0.30	9440	0.22	22501	0.52	0.36	0.00	0.57	90.6		
532	0.88	13067	0.30	9393	0.22	22460	0.52	0.36	0.00	0.56	90.5		
533	0.51	0	0.00	5235	0.12	5235	0.12	0.39	0.00	0.32	84.2	522	81.21
534	0.24	0	0.00	3739	0.09	3739	0.09	0.15	0.00	0.41	86.4		
535	0.18	2971	0.07	0	0.00	2971	0.07	0.11	0.00	0.42	86.8		
536	0.32	4457	0.10	3000	0.07	7457	0.17	0.15	0.00	0.53	89.6		
539	0.33	4839	0.11	3795	0.09	8634	0.20	0.13	0.00	0.57	90.8	539	90.81
540	0.33	4839	0.11	3285	0.08	8124	0.19	0.14	0.00	0.55	90.2	540	90.17
541	0.54	0	0.00	7140	0.16	7140	0.16	0.38	0.00	0.37	85.5	541	87.63
542	1.05	0	0.00	15225	0.35	15225	0.35	0.70	0.00	0.39	86.0		
543	0.71	10758	0.25	7510	0.17	18268	0.42	0.29	0.00	0.57	90.6		
544	0.71	10795	0.25	7895	0.18	18689	0.43	0.28	0.00	0.58	90.9	542	89.31
546	0.86	0	0.00	13228	0.30	13228	0.30	0.56	0.00	0.40	86.4		
547	0.32	5378	0.12	0	0.00	5378	0.12	0.20	0.00	0.43	86.9		
548	0.51	8181	0.19	5680	0.13	13860	0.32	0.19	0.00	0.59	91.2		
549	0.74	0	0.00	10831	0.25	10831	0.25	0.49	0.00	0.39	86.0		
550	0.45	6902	0.16	4620	0.11	11522	0.26	0.19	0.00	0.57	90.6		
551	0.45	6900	0.16	4620	0.11	11520	0.26	0.19	0.00	0.57	90.6		
552	0.78	0	0.00	11754	0.27	11754	0.27	0.51	0.00	0.40	86.2		
554	0.81	12440	0.29	8880	0.20	21320	0.49	0.32	0.00	0.58	90.9	549	89.24
555	0.81	12436	0.29	9305	0.21	21741	0.50	0.31	0.00	0.59	91.1		
556	0.44	6277	0.14	4493	0.10	10770	0.25	0.19	0.00	0.55	90.1		
557	0.44	6292	0.14	4945	0.11	11237	0.26	0.18	0.00	0.56	90.6		
558	0.71	0	0.00	10179	0.23	10179	0.23	0.48	0.00	0.39	85.9		
559	0.73	10969	0.25	7629	0.18	18598	0.43	0.30	0.00	0.56	90.5		
560	0.67	10313	0.24	6000	0.14	16313	0.37	0.30	0.00	0.55	90.1		
561	0.32	5378	0.12	0	0.00	5378	0.12	0.20	0.00	0.43	86.9		
562	0.59	8342	0.19	6126	0.14	14467	0.33	0.26	0.00	0.55	90.1		
563	0.80	12302	0.28	8867	0.20	21169	0.49	0.31	0.00	0.58	90.9	542	89.31
564	0.80	12306	0.28	8982	0.21	21288	0.49	0.31	0.00	0.58	91.0		
565	0.53	8011	0.18	5619	0.13	13630	0.31	0.22	0.00	0.57	90.6		
566	0.60	8833	0.20	6705	0.15	15537	0.36	0.24	0.00	0.57	90.7	549	89.24
568	0.31	5367	0.12	0	0.00	5367	0.12	0.19	0.00	0.43	87.2		
569	0.51	8176	0.19	5850	0.13	14026	0.32	0.19	0.00	0.60	91.4	568	87.15
570	0.31	5374	0.12	0	0.00	5374	0.12	0.19	0.00	0.43	87.2	569	91.36
571	0.47	8860	0.16	3000	0.07	9860	0.23	0.24	0.00	0.49	88.7	549	89.24
574	0.55	0	0.00	8760	0.20	8760	0.20	0.35	0.00	0.41	86.6		
575	0.30	5358	0.12	0	0.00	5358	0.12	0.18	0.00	0.44	87.4		
576	0.30	5357	0.12	0	0.00	5357	0.12	0.18	0.00	0.44	87.4		
577	1.09	0	0.00	16166	0.37	16166	0.37	0.72	0.00	0.39	86.1		
578	1.37	0	0.00	19377	0.44	19377	0.44	0.93	0.00	0.38	85.8		
581	0.61	9141	0.21	4500	0.10	13841	0.31	0.30	0.00	0.51	89.2		
582	0.68	10464	0.24	7200	0.17	17664	0.41	0.27	0.00	0.57	90.7		
583	1.12	0	0.00	17137	0.39	17137	0.39	0.73	0.00	0.40	86.3		
584	0.82	12965	0.30	8718	0.20	21683	0.50	0.32	0.00	0.58	90.9		
585	0.82	12979	0.30	8700	0.20	21679	0.50	0.32	0.00	0.58	90.9		
586	1.13	0	0.00	17412	0.40	17412	0.40	0.73	0.00	0.40	86.4		
588	0.82	12932	0.30	8699	0.20	21631	0.50	0.32	0.00	0.58	90.9		
589	0.88	13097	0.30	9271	0.21	22368	0.51	0.37	0.00	0.56	90.5		
590	0.82	0	0.00	11873	0.27	11873	0.27	0.55	0.00	0.39	86.0		
591	1.26	0	0.00	17879	0.41	17879	0.41	0.85	0.00	0.38	85.9		



Structure #	Total Drainage Area (ac)	Total Pavement Area A <sub>pav</sub> (sq. ft.)	Total Pavement Area A <sub>pav</sub> (ac)	Total Roof Area A <sub>roof</sub> (sq. ft.)	Total Roof Area A <sub>roof</sub> (ac)	Total Impervious Area A <sub>imp</sub> (sq. ft.)	Total Impervious Area A <sub>imp</sub> (ac)	Total Previous Area A <sub>prev</sub> (ac)	Total Agricultural Area A <sub>ag</sub> (ac)	Sub-Basin Weighted C-Factor	Sub-Basin Weighted CN	ICPR Basin #		ICPR Basin CN
												Area	CN <sub>w</sub>	
592	0.68	0	0.00	7500	0.17	7500	0.17	0.51	0.00	0.33	84.6	Lake 2	16.01	85.61
593	0.59	8341	0.19	6202	0.14	14543	0.33	0.26	0.00	0.55	90.2			
594	0.30	5343	0.12	0	0.00	5343	0.12	0.18	0.00	0.44	87.4			
595	0.40	6968	0.16	1200	0.03	8168	0.19	0.21	0.00	0.48	88.4			
596	0.73	10924	0.25	8880	0.20	19804	0.45	0.28	0.00	0.59	91.2			
597	0.30	0	0.00	5357	0.12	5357	0.12	0.18	0.00	0.44	87.4			
598	0.59	8341	0.19	6237	0.14	14579	0.33	0.26	0.00	0.55	90.2			
599	0.30	5362	0.12	0	0.00	5362	0.12	0.18	0.00	0.44	87.4			
600	0.52	8192	0.19	5850	0.13	14042	0.32	0.20	0.00	0.59	91.2			
601	0.30	5358	0.12	0	0.00	5358	0.12	0.18	0.00	0.44	87.4			
602	0.52	8189	0.19	5643	0.13	13832	0.32	0.20	0.00	0.58	91.0			
603	0.31	5370	0.12	0	0.00	5370	0.12	0.19	0.00	0.43	87.2			
604	0.59	8339	0.19	6150	0.14	14489	0.33	0.26	0.00	0.55	90.1			
605	0.78	11604	0.27	8014	0.18	19617	0.45	0.33	0.00	0.56	90.4			
606	0.79	11604	0.27	8019	0.18	19623	0.45	0.34	0.00	0.55	90.3			
607	0.62	9675	0.22	6875	0.16	16550	0.38	0.24	0.00	0.58	91.0			
608	0.67	9672	0.22	6861	0.16	16533	0.38	0.29	0.00	0.55	90.2			
611	0.88	13699	0.31	10287	0.24	23986	0.55	0.33	0.00	0.59	91.3			
612	0.88	13700	0.31	10351	0.24	24050	0.55	0.33	0.00	0.59	91.3			
614	0.84	0	0.00	13290	0.31	13290	0.31	0.53	0.00	0.41	86.5			
615	0.71	0	0.00	10500	0.24	10500	0.24	0.47	0.00	0.39	86.1			
616	1.02	0	0.00	14760	0.34	14760	0.34	0.68	0.00	0.39	86.0			
618	1.03	15474	0.36	11203	0.28	26677	0.61	0.42	0.00	0.57	90.7			
619	1.02	15780	0.36	10701	0.25	26480	0.61	0.41	0.00	0.57	90.7			
620	0.92	0	0.00	10800	0.25	10800	0.25	0.67	0.00	0.35	84.9			
621	0.32	5376	0.12	0	0.00	5376	0.12	0.20	0.00	0.43	86.9			
622	0.44	7352	0.17	4490	0.10	11842	0.27	0.17	0.00	0.59	91.1			
624	0.96	14885	0.34	11122	0.26	26006	0.60	0.36	0.00	0.59	91.2			
625	0.96	14869	0.34	11187	0.26	26056	0.60	0.36	0.00	0.59	91.2			
626	0.77	0	0.00	9565	0.22	9565	0.22	0.55	0.00	0.36	85.1			
627	0.18	2972	0.07	0	0.00	2972	0.07	0.11	0.00	0.42	86.8			
628	0.17	2971	0.07	0	0.00	2971	0.07	0.10	0.00	0.44	87.2			
629	0.45	0	0.00	5219	0.12	5219	0.12	0.33	0.00	0.34	84.8			
630	0.29	5343	0.12	0	0.00	5343	0.12	0.17	0.00	0.45	87.6			
631	0.52	8190	0.19	5609	0.13	13799	0.32	0.20	0.00	0.58	91.0			
634	0.32	4451	0.10	3093	0.07	7544	0.17	0.15	0.00	0.53	89.7			
635	0.18	2978	0.07	0	0.00	2978	0.07	0.11	0.00	0.42	86.8			
636	0.34	0	0.00	4499	0.10	4499	0.10	0.24	0.00	0.37	85.5			
637	0.18	0	0.00	2970	0.07	2970	0.07	0.11	0.00	0.42	86.8			
638	0.32	4792	0.11	3563	0.08	8355	0.19	0.13	0.00	0.57	90.8			
647	0.43	0	0.00	6000	0.14	6000	0.14	0.29	0.00	0.38	85.8			
EX-314	0.19	3159	0.07	0	0.00	3159	0.07	0.12	0.00	0.42	86.9			
EX-315	0.19	3142	0.07	0	0.00	3142	0.07	0.12	0.00	0.42	86.8			
EX-315A	0.99	0	0.00	0	0.00	0	0.00	0.99	0.00	0.16	80.0			
EX-318	1.48	22175	0.51	15429	0.35	37604	0.86	0.62	0.00	0.56	90.5			
EX-319	0.93	15374	0.35	7500	0.17	22874	0.53	0.40	0.00	0.55	90.2			
Lake 2	7.71	0	0.00	40308	0.93	40308	0.93	6.78	0.00	0.24	82.2	Lake 2	16.01	85.61
Lake 3	8.61	0	0.00	37389	0.86	37389	0.86	7.75	0.00	0.23	81.8	Lake 3	42.73	87.22
Lake 4	5.77	0	0.00	31545	0.72	31545	0.72	5.05	0.00	0.25	82.3	Lake 4	5.77	82.26
Pond A	16.97	0	0.00	38449	0.88	38449	0.88	16.09	0.00	0.67	80.9	465	20.09	82.24
Existing - S4 Area	33.25										82.0	465	33.25	82.00

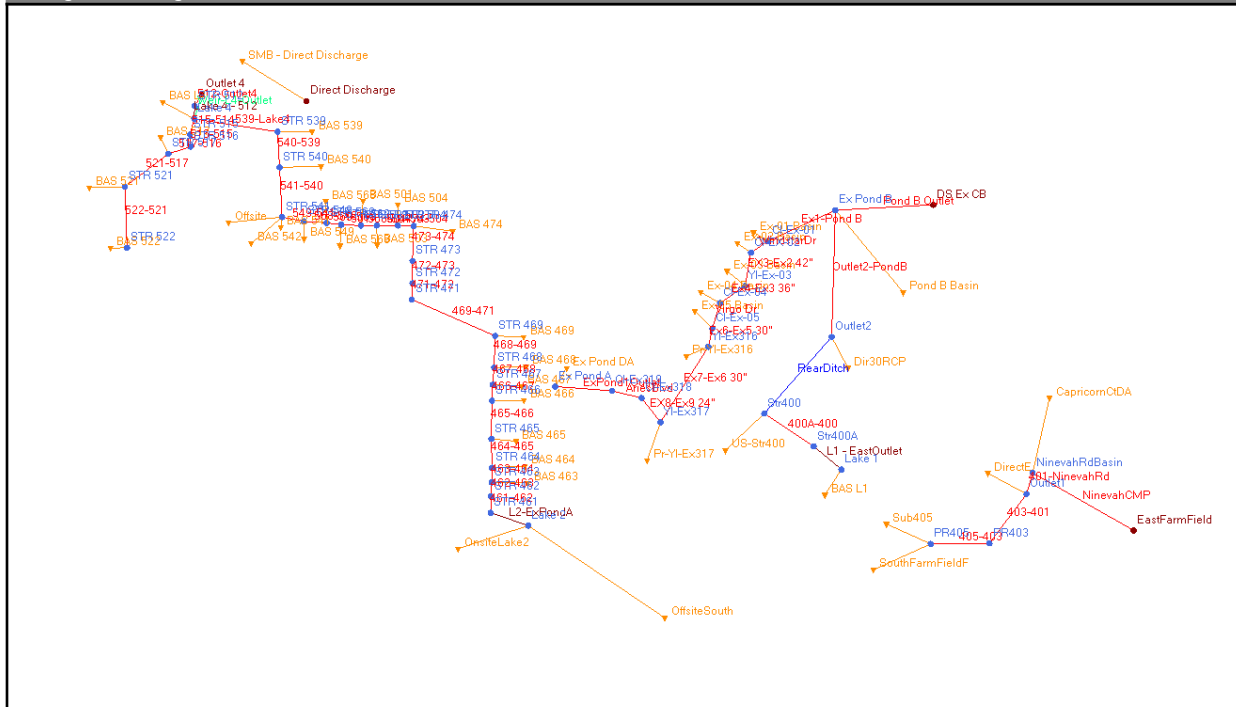
# Bluffs at Youngs Creek Section 4

Job #83540

Time of Concentrations  
Pre-Developed ICPR

Basin	Sheet Flow						Shallow Concentrated Flow				Channel / Pipe Flow			Total ToC			
	Description	n =	L = (ft)	P <sub>2</sub> = (in)	s = (ft/ft)	T <sub>1</sub> = .007(n <sub>1</sub> L <sup>4.93</sup> /P <sub>2</sub> <sup>3.49</sup> ) (hrs)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	Description	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	T <sub>c</sub> (total) (hrs)	T <sub>c</sub> (total) (min)
Outlet 4 - Main Onsite ( for S4 Interim Conditions - Offsite )	Residue Cover <= 20%	0.06	100	2.93	0.014	0.0946	Unpaved	0.00974	1.59	2134.66	0.3723	Channel	3.00	7717	0.0664	0.5333	32.0

Background Image: Section 4 Interim



Simple Basin: BAS 463

Scenario: Section 4 Interim  
 Node: STR 463  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 15.5000 min  
 Max Allowable Q: 0.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 0.8800 ac  
 Curve Number: 90.7  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

Simple Basin: BAS 464

Scenario: Section 4 Interim  
Node: STR 464  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.7800 ac  
Curve Number: 89.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 465

Scenario: Section 4 Interim  
Node: STR 465  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.2900 ac  
Curve Number: 85.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 466

Scenario: Section 4 Interim  
Node: STR 466  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr

Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6100 ac  
Curve Number: 87.5  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 467

Scenario: Section 4 Interim  
Node: STR 467  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 9.9000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.4000 ac  
Curve Number: 85.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 468

Scenario: Section 4 Interim  
Node: STR 468  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3400 ac  
Curve Number: 88.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00

Rainfall Name:

Comment:

Simple Basin: BAS 469

Scenario: Section 4 Interim  
Node: STR 469  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 19.6000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.6800 ac  
Curve Number: 89.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 474

Scenario: Section 4 Interim  
Node: STR 474  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.6400 ac  
Curve Number: 90.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 501

Scenario: Section 4 Interim  
Node: STR 501  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 21.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 4.1200 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 503

Scenario: Section 4 Interim  
Node: STR 503  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.3000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6400 ac  
Curve Number: 90.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 504

Scenario: Section 4 Interim  
Node: STR 504  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.7000 min  
Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.5900 ac  
Curve Number: 90.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 517

Scenario: Section 4 Interim  
Node: STR 517  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.7800 ac  
Curve Number: 90.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 521

Scenario: Section 4 Interim  
Node: STR 521  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.9400 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00



% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 522

Scenario: Section 4 Interim  
Node: STR 522  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.6400 ac  
Curve Number: 81.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 539

Scenario: Section 4 Interim  
Node: STR 539  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 16.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3100 ac  
Curve Number: 90.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 540

Scenario: Section 4 Interim  
Node: STR 540  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3100 ac  
Curve Number: 90.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 541

Scenario: Section 4 Interim  
Node: STR 541  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.0600 ac  
Curve Number: 87.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 542

Scenario: Section 4 Interim  
Node: STR 541  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.5000 min  
Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 5.6000 ac  
Curve Number: 89.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 549

Scenario: Section 4 Interim  
Node: STR 549  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.4000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.5200 ac  
Curve Number: 89.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 568

Scenario: Section 4 Interim  
Node: STR 568  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 12.1000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3100 ac  
Curve Number: 87.2  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 569

Scenario: Section 4 Interim  
Node: STR 569  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 16.9000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.5000 ac  
Curve Number: 91.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS L1

Scenario: Section 4 Interim  
Node: Lake 1  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 27.4000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 17.4900 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS L4

Scenario: Section 4 Interim  
Node: Lake 4  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 15.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 5.7700 ac  
Curve Number: 82.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: CapricornCtDA

Scenario: Section 4 Interim  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 6.6700 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment: +0.34 Ac of Direct Runoff from proposed site to existing catch basins

## Simple Basin: Dir30RCP

Scenario: Section 4 Interim  
Node: Outlet2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 15.4000 min  
Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.7900 ac  
Curve Number: 78.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: DirectE

Scenario: Section 4 Interim  
Node: Outlet1  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 30.7000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.5200 ac  
Curve Number: 76.7  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex Pond DA

Scenario: Section 4 Interim  
Node: Ex Pond A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 16.9700 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-01 Basin

Scenario: Section 4 Interim  
Node: CI-Ex-01  
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: UH484  
Peaking Factor: 484.0  
Area: 0.6800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-02 Basin

Scenario: Section 4 Interim  
Node: CI-EX-02  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.3000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.2700 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-03 Basin

Scenario: Section 4 Interim  
Node: YI-Ex-03  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.6000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8100 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-04 Basin

Scenario: Section 4 Interim  
Node: CI-Ex-04  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.3000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3300 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-05 Basin

Scenario: Section 4 Interim  
Node: CI-Ex-05  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 24.9000 min  
Max Allowable Q: 999999.00 cfs



Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: Offsite

Scenario: Section 4 Interim  
Node: STR 553A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 33.2500 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

#### Simple Basin: OffsiteSouth

Scenario: Section 4 Interim  
Node: Lake 2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 30.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 10.5600 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: OnsiteLake2

Scenario: Section 4 Interim  
Node: Lake 2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 21.6000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 15.8900 ac  
Curve Number: 85.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Pond B Basin

Scenario: Section 4 Interim  
Node: Ex Pond B  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 36.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 16.4500 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Pr-YI-Ex316

Scenario: Section 4 Interim  
Node: YI-Ex316  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8300 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Pr-YI-Ex317

Scenario: Section 4 Interim  
Node: YI-Ex317  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 7.1600 ac  
Curve Number: 86.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment: 437, 438, 444, EX317, Ex318, Ex319  
ToC = 18.9 + 1.1 min pipe flow = 20

## Simple Basin: SMB - Direct Discharge

Scenario: Section 4 Interim  
Node: Direct Discharge  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min

Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 15.0800 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: SouthFarmFieldF

Scenario: Section 4 Interim  
Node: PR405  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 28.7000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.6900 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Sub405

Scenario: Section 4 Interim  
Node: PR405  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 14.5000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6800 ac  
Curve Number: 78.4  
% Impervious: 0.00

% DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

#### Simple Basin: US-Str400

Scenario: Section 4 Interim  
 Node: Str400  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 14.1000 min  
 Max Allowable Q: 999999.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 2.1600 ac  
 Curve Number: 78.7  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

#### Pipe Link: 400A-400

	Upstream	Downstream
Scenario: Section 4 Interim	Invert: 741.50 ft	Invert: 740.42 ft
From Node: Str400A	Manning's N: 0.0120	Manning's N: 0.0120
To Node: Str400	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 90.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef: 0.50	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: 0.0130	Manning's N: 0.0130

Comment:

Pipe Link: 401-NinevahRd		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 740.09 ft	Invert: 740.03 ft
From Node:	Outlet1	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	NinevahRdBasin	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	20.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 403-401		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 741.11 ft	Invert: 740.13 ft
From Node:	PR403	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Outlet1	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	414.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 405-403		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 747.12 ft	Invert: 744.54 ft
From Node:	PR405	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PR403	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	52.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 461-462		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.69 ft	Invert: 734.37 ft
From Node:	STR 461	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 462	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	120.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 462-463		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.27 ft	Invert: 734.19 ft
From Node:	STR 462	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 463	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.20 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 463-464		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.09 ft	Invert: 734.04 ft
From Node:	STR 463	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 464	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 464-465		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.94 ft	Invert: 733.73 ft
From Node:	STR 464	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 465	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.75 ft	Max Depth: 1.75 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	179.20 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 465-466		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.63 ft	Invert: 733.26 ft
From Node:	STR 465	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 466	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	178.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 466-467		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.16 ft	Invert: 733.09 ft
From Node:	STR 466	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 467	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 467-468		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.99 ft	Invert: 732.86 ft
From Node:	STR 467	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 468	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:	157.66 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 468-469		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.76 ft	Invert: 732.70 ft
From Node:	STR 468	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 469	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:	55.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 469-471		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.60 ft	Invert: 732.13 ft
From Node:	STR 469	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 471	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:	225.48 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 471-472		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.03 ft	Invert: 731.93 ft
From Node:	STR 471	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 472	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:	136.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 472-473		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 731.83 ft	Invert: 731.80 ft
From Node:	STR 472	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 473	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 473-474		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 731.70 ft	Invert: 731.54 ft
From Node:	STR 473	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 474	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:	177.68 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 474-504		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 731.44 ft	Invert: 731.23 ft
From Node:	STR 474	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 504	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:	141.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 501-569		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 730.51 ft	Invert: 730.34 ft
From Node:	STR 501	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 569	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	146.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 503-501		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 730.98 ft	Invert: 730.61 ft
From Node:	STR 503	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 501	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:	152.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 504-503		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 731.13 ft	Invert: 731.08 ft
From Node:	STR 504	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 503	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 512-Outlet4		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 725.20 ft	Invert: 725.00 ft
From Node:	STR 512	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Outlet 4	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:	99.15 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	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: 515-514		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.05 ft	Invert: 729.00 ft
From Node:	STR 515	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Lake 4	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:	49.70 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 516-515		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.19 ft	Invert: 729.15 ft
From Node:	STR 515	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 516	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:	49.42 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 517-516		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.40 ft	Invert: 729.29 ft
From Node:	STR 516	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 517	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:	138.21 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 521-517		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.98 ft	Invert: 729.50 ft
From Node:	STR 517	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 521	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:	271.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 522-521		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 730.31 ft	Invert: 730.08 ft
From Node:	STR 521	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 522	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:	280.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 539-Lake4		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.26 ft	Invert: 729.00 ft
From Node:	STR 539	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Lake 4	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	234.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	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: 540-539		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.38 ft	Invert: 729.36 ft
From Node:	STR 540	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 539	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 541-540		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.57 ft	Invert: 729.48 ft
From Node:	STR 541	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 540	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	136.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 549-541		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 729.80 ft	Invert: 729.67 ft
From Node:	STR 549	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 541	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.50 ft	Max Depth: 4.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	224.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 553A-549		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 731.80 ft	Invert: 731.68 ft
From Node:	STR 553A	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 549	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	8.00 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:	0.00	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: 568-549		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 730.12 ft	Invert: 729.90 ft
From Node:	STR 568	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 549	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	184.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 569-568		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 730.24 ft	Invert: 730.22 ft
From Node:	STR 569	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 568	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: AriesBlvd		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.50 ft	Invert: 734.47 ft
From Node:	CI-Ex319	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex318	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX3-Ex2 42"		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.34 ft	Invert: 732.91 ft
From Node:	YI-Ex-03	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-EX-02	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	184.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX8-Ex9 24"		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.47 ft	Invert: 734.01 ft
From Node:	CI-Ex318	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex317	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	175.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex1-Pond B		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.95 ft	Invert: 732.75 ft
From Node:	CI-Ex-01	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Ex Pond B	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	189.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex4-Ex3 36"		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.37 ft	Invert: 733.34 ft
From Node:	CI-Ex-04	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex-03	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:	185.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex6-Ex5 30"		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.55 ft	Invert: 733.40 ft
From Node:	YI-Ex316	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex-05	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:	135.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			



Pipe Link: Ex7-Ex6 30"		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.01 ft	Invert: 733.55 ft
From Node:	YI-Ex317	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex316	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:	333.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExPond1Outlet		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 734.60 ft	Invert: 734.50 ft
From Node:	Ex Pond A	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex319	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	167.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Drop Structure Link: L1 - EastOutlet		Upstream Pipe	Downstream Pipe
Scenario:	Section 4 Interim	Invert: 742.00 ft	Invert: 741.50 ft
From Node:	Lake 1	Manning's N: 0.0130	Manning's N: 0.0130
To Node:	Str400A	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
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: 0.0130	Manning's N: 0.0130
Length:	252.00 ft	Top Clip	
FHWA Code:	1	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: 0.0130	Manning's N: 0.0130
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:	742.00 ft	Op Table:	
Control Elevation:	742.00 ft	Ref Node:	
Max Depth:	0.50 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:	Circular	Default:	0.00 ft
Invert:	744.20 ft	Op Table:	
Control Elevation:	744.20 ft	Ref Node:	
Max Depth:	0.63 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	
Weir Comment:			

Weir Component	
Weir: 3	Bottom Clip
Weir Count: 3	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: 747.10 ft	Op Table:
Control Elevation: 747.10 ft	Ref Node:
Max Depth: 0.40 ft	Discharge Coefficients
Max Width: 1.67 ft	Weir Default: 3.200
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Weir Comment:	

Weir Component	
Weir: 4	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: 748.00 ft	Op Table:
Control Elevation: 748.00 ft	Ref Node:
Max Depth: 4.00 ft	Discharge Coefficients
Max Width: 4.00 ft	Weir Default: 3.200
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:
Weir Comment:	

Drop Structure Comment:
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Drop Structure Link: L2-ExPondA		Upstream Pipe	Downstream Pipe
Scenario:	Section 4 Interim	Invert: 735.00 ft	Invert: 734.79 ft
From Node:	Lake 2	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 461	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
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: 0.0120	Manning's N: 0.0120
Length:	78.92 ft	Top Clip	
FHWA Code:	1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef:	0.20	Op Table:	Op Table:
Exit Loss Coef:	0.50	Ref Node:	Ref Node:
Bend Loss Coef:	0.00	Manning's N: 0.0120	Manning's N: 0.0120
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:	735.00 ft	Op Table:	
Control Elevation:	735.00 ft	Ref Node:	
Max Depth:	0.67 ft	Discharge Coefficients	
		Weir Default:	3.200
		Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Drop Structure Comment:

Drop Structure Link: Lake 4 - 512		Upstream Pipe	Downstream Pipe
Scenario:	Section 4 Interim	Invert: 728.00 ft	Invert: 727.93 ft
From Node:	Lake 4	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 512	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.50 ft	Max Depth: 2.50 ft
Flow Direction:	Both	Bottom Clip	
Solution:	Combine	Default: 0.00 ft	Default: 0.00 ft
Increments:	0	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:	22.00 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:	0.50	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	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:	729.00 ft	Op Table:	
Control Elevation:	729.00 ft	Ref Node:	
Max Depth:	0.50 ft	Discharge Coefficients	
Max Width:	0.50 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:	2	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:	730.00 ft	Op Table:	
Control Elevation:	730.00 ft	Ref Node:	
Max Depth:	1.50 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:			

Drop Structure Comment:

Pipe Link: NinevahCMP	Upstream	Downstream
Scenario: Section 4 Interim	Invert: 738.30 ft	Invert: 736.80 ft
From Node: NinevahRdBasin	Manning's N: 0.0250	Manning's N: 0.0250
To Node: EastFarmField	Geometry: Horizontal Ellipse	Geometry: Horizontal Ellipse
Link Count: 1	Max Depth: 2.42 ft	Max Depth: 2.42 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 78.00 ft	Op Table:	Op Table:
FHWA Code: 30	Ref Node:	Ref Node:
Entr Loss Coef: 0.20	Manning's N: 0.0250	Manning's N: 0.0250
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: 0.0250	Manning's N: 0.0250
Comment:		

Pipe Link: Outlet2-PondB	Upstream	Downstream
Scenario: Section 4 Interim	Invert: 736.50 ft	Invert: 732.50 ft
From Node: Outlet2	Manning's N: 0.0120	Manning's N: 0.0120
To Node: Ex Pond B	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: 413.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:		

Pipe Link: Pond B Outlet		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.77 ft	Invert: 730.91 ft
From Node:	Ex Pond B	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	DS Ex CB	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	167.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Channel Link: RearDitch		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 740.42 ft	Invert: 736.50 ft
From Node:	Str400	Manning's N: 0.0280	Manning's N: 0.0280
To Node:	Outlet2	Geometry: Trapezoidal	Geometry: Trapezoidal
Link Count:	1	Max Depth: 9999.00 ft	Max Depth: 9999.00 ft
Flow Direction:	Both	Extrapolation: Normal	Extrapolation: Normal
Damping:	0.0000 ft	Bottom Width: 0.00 ft	Bottom Width: 0.00 ft
Length:	380.00 ft	Left Slope: 5.000 (h:v)	Left Slope: 5.000 (h:v)
Contraction Coef:	0.10	Right Slope: 5.000 (h:v)	Right Slope: 5.000 (h:v)
Expansion Coef:	0.30	Bottom Clip	
Entr Loss Coef:	0.00	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: 0.0280	Manning's N: 0.0280
Energy Switch:	Energy	Top Clip	
		Default: 0.00 ft	Default: 0.00 ft
		Op Table:	Op Table:
		Ref Node:	Ref Node:
		Manning's N: 0.0280	Manning's N: 0.0280
Comment:			

Pipe Link: Virgo Dr		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 733.40 ft	Invert: 733.37 ft
From Node:	CI-Ex-05	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex-04	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:	29.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Weir Link: Weir-L4-Outlet			
Scenario:	Section 4 Interim	Bottom Clip	
From Node:	Lake 4	Default:	0.00 ft
To Node:	Outlet 4	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:	733.00 ft	Discharge Coefficients	
Control Elevation:	733.00 ft	Weir Default:	2.800
Max Depth:	2.00 ft	Weir Table:	
Extrapolation Method:	Normal Projection	Orifice Default:	0.600
Bottom Width:	30.00 ft	Orifice Table:	
Left Slope:	4.000 (h:v)		
Right Slope:	4.000 (h:v)		
Comment:			



Pipe Link: WindstarDr		Upstream	Downstream
Scenario:	Section 4 Interim	Invert: 732.91 ft	Invert: 732.95 ft
From Node:	CI-EX-02	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex-01	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	36.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130

Comment:

#### Node: CI-EX-02

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.91 ft  
 Warning Stage: 739.81 ft

Stage [ft]	Area [ac]	Area [ft2]
732.91	0.0003	13
739.81	0.0003	13
740.81	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex-01

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.95 ft  
 Warning Stage: 738.95 ft

Stage [ft]	Area [ac]	Area [ft2]
732.95	0.0003	13
738.95	0.0003	13
739.95	0.5000	21780

Comment: (converted from manhole to stage/area node)

--

## Node: CI-Ex-04

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.37 ft  
 Warning Stage: 739.37 ft

Stage [ft]	Area [ac]	Area [ft2]
733.37	0.0002	9
739.37	0.0002	9
740.37	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex-05

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 733.40 ft  
 Warning Stage: 739.30 ft

Stage [ft]	Area [ac]	Area [ft2]
733.40	0.0002	9
739.30	0.0002	9
740.30	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Node: CI-Ex318

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.47 ft  
 Warning Stage: 738.90 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.90	0.0002	9

Stage [ft]	Area [ac]	Area [ft2]
739.90	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex319

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.00 ft  
 Warning Stage: 739.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
739.00	0.0002	9
740.00	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: DS Ex CB

Scenario: Section 4 Interim  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 730.91 ft  
 Warning Stage: 738.91 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	730.91
0	0	0	12.0000	733.91
0	0	0	30.0000	730.91

Comment:

#### Node: Direct Discharge

Scenario: Section 4 Interim  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft

Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment:

Node: EastFarmField

Scenario: Section 4 Interim  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.80 ft  
 Warning Stage: 743.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	736.80
0	0	0	12.0000	738.80
0	0	0	30.0000	736.80

Comment:

Node: Ex Pond A

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.55	1.3820	60200
735.00	1.4310	62334
736.00	1.5660	68215
738.00	1.8940	82503
739.00	2.1140	92086

Comment:

Node: Ex Pond B

Scenario: Section 4 Interim  
 Type: Stage/Area

Base Flow: 0.00 cfs  
 Initial Stage: 732.50 ft  
 Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
732.50	0.8706	37923
735.00	1.0650	46391
737.00	1.2700	55321

Comment:

Node: Lake 1

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 742.00 ft  
 Warning Stage: 748.00 ft

Stage [ft]	Area [ac]	Area [ft2]
741.00	0.4160	18121
742.00	0.4750	20691
743.00	0.5370	23392
746.00	0.7370	32104
747.00	0.8090	35240
748.00	1.0420	45390
749.70	1.3860	60374
750.00	1.4790	64425

Comment: For back to back storms use Elevation 747.95 as initial stage.

Node: Lake 2

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 741.00 ft

Stage [ft]	Area [ac]	Area [ft2]
735.00	1.7100	74488
736.00	1.8500	80586
737.00	2.0100	87556
738.00	2.1700	94525
739.00	2.3300	101495
740.00	2.5000	108900
741.00	2.6700	116305

Comment: 738.51 - WSEL for running back to back 100 year storms

Cant achieve 90% availible capacity (735.6) without running the simulation for 100 hours.  
48 hr - 736.80 ( 67% )

Node: Lake 4

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.00 ft  
Warning Stage: 733.00 ft

Stage [ft]	Area [ac]	Area [ft2]
728.00	1.8900	82328
729.00	2.0100	87556
730.00	2.1400	93218
731.00	2.2600	98446
732.00	2.3900	104108
733.00	2.5200	109771
734.00	2.6500	115434
735.00	2.7900	121532

Comment:

Node: NinevahRdBasin

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 738.30 ft  
Warning Stage: 742.00 ft

Stage [ft]	Area [ac]	Area [ft2]
738.30	0.0000	0
741.00	0.0050	218
742.00	0.0530	2309
743.00	0.1033	4500

Comment:

Node: Outlet 4

Scenario: Section 4 Interim

Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 725.00 ft  
 Warning Stage: 725.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	725.00
0	0	0	72.0000	725.00

Comment:

Node: Outlet1

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 740.08 ft  
 Warning Stage: 746.34 ft

Stage [ft]	Area [ac]	Area [ft2]
740.08	0.0003	13
746.34	0.0003	13

Comment: (converted from manhole to stage/area node)

Node: Outlet2

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.50 ft  
 Warning Stage: 738.50 ft

Stage [ft]	Area [ac]	Area [ft2]
736.50	0.0000	0
737.00	0.0103	449
738.00	0.2074	9034
739.00	0.5490	23914

Comment:

Node: PR403

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 741.10 ft  
 Warning Stage: 748.89 ft

Stage [ft]	Area [ac]	Area [ft2]
741.10	0.0003	13
748.89	0.0003	13

Comment: (converted from manhole to stage/area node)

Node: PR405

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 747.00 ft  
 Warning Stage: 752.00 ft

Stage [ft]	Area [ac]	Area [ft2]
747.00	0.0000	0
748.00	0.0029	126
749.00	0.0080	348
750.00	0.0240	1045
751.00	0.0347	1512
752.00	0.0511	2226

Comment:

Node: STR 461

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.69 ft  
 Warning Stage: 741.20 ft

Stage [ft]	Area [ac]	Area [ft2]
734.69	0.0064	279
741.20	0.0064	279
742.20	1.0000	43560

Comment:



Node: STR 462

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.27 ft  
Warning Stage: 739.19 ft

Stage [ft]	Area [ac]	Area [ft2]
734.27	0.0064	279
739.19	0.0064	279
740.19	1.0000	43560

Comment:

Node: STR 463

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.09 ft  
Warning Stage: 738.80 ft

Stage [ft]	Area [ac]	Area [ft2]
734.09	0.0064	279
738.80	0.0064	279
739.80	1.0000	43560

Comment:

Node: STR 464

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.94 ft  
Warning Stage: 738.80 ft

Stage [ft]	Area [ac]	Area [ft2]
733.94	0.0064	279
738.80	0.0064	279
739.80	1.0000	43560

Comment:

Node: STR 465

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.63 ft  
Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
733.63	0.0064	279
738.00	0.0064	279
739.00	1.0000	43560

Comment:

Node: STR 466

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.16 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
733.16	0.0064	279
738.38	0.0064	279
739.38	1.0000	43560

Comment:

Node: STR 467

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 732.99 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
732.99	0.0064	279
738.38	0.0064	279
739.38	1.0000	43560

Comment:

Node: STR 468

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.76 ft  
 Warning Stage: 738.55 ft

Stage [ft]	Area [ac]	Area [ft2]
732.76	0.0064	279
738.55	0.0064	279
739.55	1.0000	43560

Comment:

Node: STR 469

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.60 ft  
 Warning Stage: 738.40 ft

Stage [ft]	Area [ac]	Area [ft2]
732.60	0.0064	279
738.40	0.0064	279
739.40	1.0000	43560

Comment:

Node: STR 471

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.03 ft  
 Warning Stage: 739.20 ft

Stage [ft]	Area [ac]	Area [ft2]
732.03	0.0064	279
739.20	0.0064	279
740.20	1.0000	43560

Comment:

Node: STR 472

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.83 ft  
Warning Stage: 738.42 ft

Stage [ft]	Area [ac]	Area [ft2]
731.83	0.0064	279
738.42	0.0064	279
739.42	1.0000	43560

Comment:

Node: STR 473

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.70 ft  
Warning Stage: 738.08 ft

Stage [ft]	Area [ac]	Area [ft2]
731.70	0.0064	279
738.08	0.0064	279
739.08	1.0000	43560

Comment:

Node: STR 474

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.44 ft  
Warning Stage: 737.70 ft

Stage [ft]	Area [ac]	Area [ft2]
731.44	0.0064	279
737.70	0.0064	279
738.70	1.0000	43560

Comment:

## Node: STR 501

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.51 ft  
Warning Stage: 737.20 ft

Stage [ft]	Area [ac]	Area [ft2]
730.51	0.0064	279
737.20	0.0064	279
738.20	1.0000	43560

Comment:

## Node: STR 503

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.98 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
730.98	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

## Node: STR 504

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.13 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
731.13	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

## Node: STR 512

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 725.20 ft  
Warning Stage: 734.32 ft

Stage [ft]	Area [ac]	Area [ft2]
725.20	0.0064	279
734.32	0.0064	279

Comment:

## Node: STR 515

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.04 ft  
Warning Stage: 736.00 ft

Stage [ft]	Area [ac]	Area [ft2]
729.04	0.0064	279
736.00	0.0064	279

Comment:

## Node: STR 516

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.19 ft  
Warning Stage: 737.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.19	0.0064	279
737.09	0.0064	279

Comment:

## Node: STR 517

Scenario: Section 4 Interim  
Type: Stage/Area

Base Flow: 0.00 cfs  
Initial Stage: 729.40 ft  
Warning Stage: 737.86 ft

Stage [ft]	Area [ac]	Area [ft2]
729.40	0.0064	279
737.86	0.0064	279

Comment:

Node: STR 521

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.96 ft  
Warning Stage: 736.10 ft

Stage [ft]	Area [ac]	Area [ft2]
729.96	0.0064	279
736.10	0.0064	279

Comment:

Node: STR 522

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.31 ft  
Warning Stage: 735.85 ft

Stage [ft]	Area [ac]	Area [ft2]
730.31	0.0064	279
735.85	0.0064	279

Comment:

Node: STR 539

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.26 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.26	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

Node: STR 540

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.38 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.38	0.0064	279
738.09	0.0064	279
739.08	1.0000	43560

Comment:

Node: STR 541

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.57 ft  
Warning Stage: 737.75 ft

Stage [ft]	Area [ac]	Area [ft2]
729.57	0.0064	279
737.75	0.0064	279
738.75	1.0000	43560

Comment:

Node: STR 549

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.80 ft  
Warning Stage: 737.50 ft



Stage [ft]	Area [ac]	Area [ft2]
729.80	0.0064	279
737.50	0.0064	279
738.50	1.0000	43560

Comment:

Node: STR 553A

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 731.68 ft  
 Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
731.68	0.0002	7
733.95	0.0002	7
735.00	0.0540	2352
736.00	1.4700	64033
737.00	5.9000	257004

Comment:

Node: STR 568

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 730.12 ft  
 Warning Stage: 738.11 ft

Stage [ft]	Area [ac]	Area [ft2]
730.12	0.0064	279
738.11	0.0064	279
739.11	1.0000	43560

Comment:

Node: STR 569

Scenario: Section 4 Interim  
 Type: Stage/Area  
 Base Flow: 0.00 cfs

Initial Stage: 730.24 ft  
Warning Stage: 738.11 ft

Stage [ft]	Area [ac]	Area [ft2]
730.24	0.0064	279
738.11	0.0064	279
739.11	1.0000	43560

Comment:

Node: Str400

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 740.42 ft  
Warning Stage: 742.42 ft

Stage [ft]	Area [ac]	Area [ft2]
740.42	0.0006	28
742.42	0.5000	21780
748.00	0.6000	26136

Comment:

Node: Str400A

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 741.50 ft  
Warning Stage: 748.93 ft

Stage [ft]	Area [ac]	Area [ft2]
741.50	0.0006	28
748.93	0.0006	28

Comment: (converted from manhole to stage/area node)

Node: YI-Ex-03

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs

Initial Stage: 733.34 ft  
Warning Stage: 737.84 ft

Stage [ft]	Area [ac]	Area [ft2]
733.34	0.0003	13
737.84	0.0003	13
738.84	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: YI-Ex316

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.55 ft  
Warning Stage: 737.55 ft

Stage [ft]	Area [ac]	Area [ft2]
733.55	0.0002	9
737.55	0.0002	9
738.55	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: YI-Ex317

Scenario: Section 4 Interim  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.01 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.38	0.0002	9
739.38	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Simulation: 002YR01HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:27 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.39 in  
Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR02HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:29 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.62 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR03HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:32 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.72 in  
Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR06HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:36 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.06 in  
Storm Duration: 6.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR12HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:40 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.45 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR24HR

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:46 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

	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	15.0000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.90 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR01Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:54 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.02 in  
Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR02Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:51:58 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.38 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR03Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:03 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.53 in  
Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR06Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:09 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.04 in  
Storm Duration: 6.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

3.7

## Simulation: 010YR12Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:16 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.54 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR24Hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:24 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

	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	15.0000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 4.06 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 1 1/4" 24hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:36 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		1.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.25 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR01hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:42 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.01 in  
Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR02hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:47 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.65 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR03hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:52:55 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.94 in  
Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR06hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:53:02 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 4.79 in  
Storm Duration: 6.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR12hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:53:13 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 5.38 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR24hr

Scenario: Section 4 Interim  
 Run Date/Time: 2/3/2021 8:53:25 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		1.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 5.83 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area 113 ft2  
 (1D):  
 Energy Switch (1D): Energy

Comment:

Simple Basin Runoff Summary [Section 4 Interim]

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
BAS 463	002YR01H R	1.71	0.6833	1.39	0.63	0.8800	90.7	0.00	0.00
BAS 463	002YR02H R	1.94	1.1667	1.62	0.82	0.8800	90.7	0.00	0.00
BAS 463	002YR03H R	1.94	1.6667	1.72	0.90	0.8800	90.7	0.00	0.00
BAS 463	002YR06H R	2.17	3.1333	2.06	1.19	0.8800	90.7	0.00	0.00
BAS 463	002YR12H R	2.19	6.1000	2.45	1.54	0.8800	90.7	0.00	0.00
BAS 463	002YR24H R	1.99	12.0667	2.90	1.95	0.8800	90.7	0.00	0.00
BAS 463	010YR01H r	3.20	0.6667	2.02	1.16	0.8800	90.7	0.00	0.00
BAS 463	010YR02H r	3.55	1.1667	2.38	1.48	0.8800	90.7	0.00	0.00
BAS 463	010YR03H r	3.51	1.6500	2.53	1.61	0.8800	90.7	0.00	0.00
BAS 463	010YR06H r	3.78	3.1333	3.04	2.08	0.8800	90.7	0.00	0.00
BAS 463	010YR12H r	3.58	6.1000	3.54	2.55	0.8800	90.7	0.00	0.00
BAS 463	010YR24H r	3.04	12.0667	4.06	3.04	0.8800	90.7	0.00	0.00
BAS 463	1 1/4" 24hr	0.55	12.0833	1.25	0.52	0.8800	90.7	0.00	0.00
BAS 463	100YR01h r	5.73	0.6667	3.01	2.05	0.8800	90.7	0.00	0.00
BAS 463	100YR02h	6.36	1.1667	3.65	2.65	0.8800	90.7	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
	r								
BAS 463	100YR03h r	6.36	1.6500	3.94	2.93	0.8800	90.7	0.00	0.00
BAS 463	100YR06h r	6.70	3.1333	4.79	3.75	0.8800	90.7	0.00	0.00
BAS 463	100YR12h r	5.94	6.1000	5.38	4.32	0.8800	90.7	0.00	0.00
BAS 463	100YR24h r	4.64	12.0667	5.83	4.76	0.8800	90.7	0.00	0.00
BAS 464	002YR01H R	1.24	0.7167	1.39	0.59	0.7800	89.8	0.00	0.00
BAS 464	002YR02H R	1.42	1.2000	1.62	0.77	0.7800	89.8	0.00	0.00
BAS 464	002YR03H R	1.43	1.7000	1.72	0.85	0.7800	89.8	0.00	0.00
BAS 464	002YR06H R	1.63	3.1667	2.06	1.14	0.7800	89.8	0.00	0.00
BAS 464	002YR12H R	1.69	6.1333	2.45	1.48	0.7800	89.8	0.00	0.00
BAS 464	002YR24H R	1.60	12.1000	2.90	1.88	0.7800	89.8	0.00	0.00
BAS 464	010YR01H r	2.36	0.7000	2.02	1.10	0.7800	89.8	0.00	0.00
BAS 464	010YR02H r	2.66	1.2000	2.38	1.41	0.7800	89.8	0.00	0.00
BAS 464	010YR03H r	2.65	1.6833	2.53	1.55	0.7800	89.8	0.00	0.00
BAS 464	010YR06H r	2.89	3.1667	3.04	2.01	0.7800	89.8	0.00	0.00
BAS 464	010YR12H r	2.82	6.1333	3.54	2.47	0.7800	89.8	0.00	0.00
BAS 464	010YR24H r	2.48	12.1000	4.06	2.96	0.7800	89.8	0.00	0.00
BAS 464	1 1/4" 24hr	0.41	12.1000	1.25	0.48	0.7800	89.8	0.00	0.00
BAS 464	100YR01h r	4.31	0.7000	3.01	1.98	0.7800	89.8	0.00	0.00
BAS 464	100YR02h r	4.85	1.2000	3.65	2.58	0.7800	89.8	0.00	0.00
BAS 464	100YR03h r	4.88	1.6833	3.94	2.85	0.7800	89.8	0.00	0.00
BAS 464	100YR06h r	5.20	3.1667	4.79	3.66	0.7800	89.8	0.00	0.00
BAS 464	100YR12h r	4.73	6.1333	5.38	4.23	0.7800	89.8	0.00	0.00
BAS 464	100YR24h r	3.81	12.0833	5.83	4.67	0.7800	89.8	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
BAS 465	002YR01H R	3.48	0.7167	1.39	0.41	3.2900	85.6	0.00	0.00
BAS 465	002YR02H R	4.18	1.2000	1.62	0.56	3.2900	85.6	0.00	0.00
BAS 465	002YR03H R	4.32	1.7000	1.72	0.63	3.2900	85.6	0.00	0.00
BAS 465	002YR06H R	5.22	3.1667	2.06	0.87	3.2900	85.6	0.00	0.00
BAS 465	002YR12H R	5.74	6.1333	2.45	1.18	3.2900	85.6	0.00	0.00
BAS 465	002YR24H R	5.70	12.1000	2.90	1.55	3.2900	85.6	0.00	0.00
BAS 465	010YR01H r	7.58	0.7000	2.02	0.84	3.2900	85.6	0.00	0.00
BAS 465	010YR02H r	8.89	1.2000	2.38	1.12	3.2900	85.6	0.00	0.00
BAS 465	010YR03H r	8.99	1.6833	2.53	1.24	3.2900	85.6	0.00	0.00
BAS 465	010YR06H r	10.26	3.1667	3.04	1.67	3.2900	85.6	0.00	0.00
BAS 465	010YR12H r	10.33	6.1333	3.54	2.11	3.2900	85.6	0.00	0.00
BAS 465	010YR24H r	9.34	12.1000	4.06	2.57	3.2900	85.6	0.00	0.00
BAS 465	1 1/4" 24hr	1.10	12.1167	1.25	0.32	3.2900	85.6	0.00	0.00
BAS 465	100YR01h r	15.23	0.7000	3.01	1.65	3.2900	85.6	0.00	0.00
BAS 465	100YR02h r	17.77	1.2000	3.65	2.20	3.2900	85.6	0.00	0.00
BAS 465	100YR03h r	18.12	1.6833	3.94	2.46	3.2900	85.6	0.00	0.00
BAS 465	100YR06h r	19.94	3.1667	4.79	3.24	3.2900	85.6	0.00	0.00
BAS 465	100YR12h r	18.41	6.1333	5.38	3.79	3.2900	85.6	0.00	0.00
BAS 465	100YR24h r	15.04	12.0833	5.83	4.22	3.2900	85.6	0.00	0.00
BAS 466	002YR01H R	0.77	0.7167	1.39	0.48	0.6100	87.5	0.00	0.00
BAS 466	002YR02H R	0.90	1.2000	1.62	0.65	0.6100	87.5	0.00	0.00
BAS 466	002YR03H R	0.93	1.7000	1.72	0.72	0.6100	87.5	0.00	0.00
BAS 466	002YR06H R	1.09	3.1667	2.06	0.99	0.6100	87.5	0.00	0.00
BAS 466	002YR12H R	1.17	6.1333	2.45	1.31	0.6100	87.5	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
	R								
BAS 466	002YR24H R	1.14	12.1000	2.90	1.69	0.6100	87.5	0.00	0.00
BAS 466	010YR01H r	1.58	0.7167	2.02	0.95	0.6100	87.5	0.00	0.00
BAS 466	010YR02H r	1.82	1.2000	2.38	1.25	0.6100	87.5	0.00	0.00
BAS 466	010YR03H r	1.83	1.7000	2.53	1.37	0.6100	87.5	0.00	0.00
BAS 466	010YR06H r	2.04	3.1667	3.04	1.82	0.6100	87.5	0.00	0.00
BAS 466	010YR12H r	2.03	6.1333	3.54	2.27	0.6100	87.5	0.00	0.00
BAS 466	010YR24H r	1.82	12.1000	4.06	2.74	0.6100	87.5	0.00	0.00
BAS 466	1 1/4" 24hr	0.25	12.1167	1.25	0.39	0.6100	87.5	0.00	0.00
BAS 466	100YR01h r	3.03	0.7000	3.01	1.79	0.6100	87.5	0.00	0.00
BAS 466	100YR02h r	3.49	1.2000	3.65	2.37	0.6100	87.5	0.00	0.00
BAS 466	100YR03h r	3.53	1.6833	3.94	2.63	0.6100	87.5	0.00	0.00
BAS 466	100YR06h r	3.84	3.1667	4.79	3.43	0.6100	87.5	0.00	0.00
BAS 466	100YR12h r	3.52	6.1333	5.38	3.99	0.6100	87.5	0.00	0.00
BAS 466	100YR24h r	2.86	12.0833	5.83	4.42	0.6100	87.5	0.00	0.00
BAS 467	002YR01H R	0.68	0.6167	1.39	0.42	0.4000	85.9	0.00	0.00
BAS 467	002YR02H R	0.82	1.1000	1.62	0.57	0.4000	85.9	0.00	0.00
BAS 467	002YR03H R	0.84	1.6000	1.72	0.64	0.4000	85.9	0.00	0.00
BAS 467	002YR06H R	0.98	3.0833	2.06	0.89	0.4000	85.9	0.00	0.00
BAS 467	002YR12H R	0.99	6.0500	2.45	1.20	0.4000	85.9	0.00	0.00
BAS 467	002YR24H R	0.86	12.0333	2.90	1.58	0.4000	85.9	0.00	0.00
BAS 467	010YR01H r	1.48	0.6000	2.02	0.86	0.4000	85.9	0.00	0.00
BAS 467	010YR02H r	1.72	1.1000	2.38	1.14	0.4000	85.9	0.00	0.00
BAS 467	010YR03H r	1.72	1.5833	2.53	1.27	0.4000	85.9	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
BAS 467	010YR06Hr	1.90	3.0667	3.04	1.70	0.4000	85.9	0.00	0.00
BAS 467	010YR12Hr	1.75	6.0500	3.54	2.13	0.4000	85.9	0.00	0.00
BAS 467	010YR24Hr	1.39	12.0333	4.06	2.60	0.4000	85.9	0.00	0.00
BAS 467	1 1/4" 24hr	0.18	12.0500	1.25	0.33	0.4000	85.9	0.00	0.00
BAS 467	100YR01hr	2.98	0.6000	3.01	1.67	0.4000	85.9	0.00	0.00
BAS 467	100YR02hr	3.42	1.1000	3.65	2.23	0.4000	85.9	0.00	0.00
BAS 467	100YR03hr	3.45	1.5833	3.94	2.49	0.4000	85.9	0.00	0.00
BAS 467	100YR06hr	3.66	3.0667	4.79	3.27	0.4000	85.9	0.00	0.00
BAS 467	100YR12hr	3.08	6.0500	5.38	3.83	0.4000	85.9	0.00	0.00
BAS 467	100YR24hr	2.21	12.0167	5.83	4.25	0.4000	85.9	0.00	0.00
BAS 468	002YR01HR	1.76	0.7500	1.39	0.54	1.3400	88.9	0.00	0.00
BAS 468	002YR02HR	2.05	1.2333	1.62	0.72	1.3400	88.9	0.00	0.00
BAS 468	002YR03HR	2.08	1.7333	1.72	0.79	1.3400	88.9	0.00	0.00
BAS 468	002YR06HR	2.40	3.2000	2.06	1.07	1.3400	88.9	0.00	0.00
BAS 468	002YR12HR	2.56	6.1667	2.45	1.40	1.3400	88.9	0.00	0.00
BAS 468	002YR24HR	2.51	12.1167	2.90	1.80	1.3400	88.9	0.00	0.00
BAS 468	010YR01Hr	3.48	0.7333	2.02	1.04	1.3400	88.9	0.00	0.00
BAS 468	010YR02Hr	3.94	1.2333	2.38	1.34	1.3400	88.9	0.00	0.00
BAS 468	010YR03Hr	3.95	1.7167	2.53	1.47	1.3400	88.9	0.00	0.00
BAS 468	010YR06Hr	4.37	3.2000	3.04	1.93	1.3400	88.9	0.00	0.00
BAS 468	010YR12Hr	4.34	6.1667	3.54	2.39	1.3400	88.9	0.00	0.00
BAS 468	010YR24Hr	3.94	12.1167	4.06	2.87	1.3400	88.9	0.00	0.00
BAS 468	1 1/4" 24hr	0.60	12.1333	1.25	0.44	1.3400	88.9	0.00	0.00
BAS 468	100YR01hr	6.47	0.7333	3.01	1.90	1.3400	88.9	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
	r								
BAS 468	100YR02h r	7.34	1.2167	3.65	2.49	1.3400	88.9	0.00	0.00
BAS 468	100YR03h r	7.43	1.7167	3.94	2.76	1.3400	88.9	0.00	0.00
BAS 468	100YR06h r	8.00	3.1833	4.79	3.56	1.3400	88.9	0.00	0.00
BAS 468	100YR12h r	7.40	6.1500	5.38	4.13	1.3400	88.9	0.00	0.00
BAS 468	100YR24h r	6.12	12.1167	5.83	4.57	1.3400	88.9	0.00	0.00
BAS 469	002YR01H R	2.39	0.7333	1.39	0.56	1.6800	89.3	0.00	0.00
BAS 469	002YR02H R	2.76	1.2167	1.62	0.74	1.6800	89.3	0.00	0.00
BAS 469	002YR03H R	2.80	1.7167	1.72	0.82	1.6800	89.3	0.00	0.00
BAS 469	002YR06H R	3.21	3.1833	2.06	1.10	1.6800	89.3	0.00	0.00
BAS 469	002YR12H R	3.39	6.1500	2.45	1.44	1.6800	89.3	0.00	0.00
BAS 469	002YR24H R	3.27	12.1167	2.90	1.84	1.6800	89.3	0.00	0.00
BAS 469	010YR01H r	4.63	0.7333	2.02	1.07	1.6800	89.3	0.00	0.00
BAS 469	010YR02H r	5.24	1.2167	2.38	1.38	1.6800	89.3	0.00	0.00
BAS 469	010YR03H r	5.24	1.7000	2.53	1.51	1.6800	89.3	0.00	0.00
BAS 469	010YR06H r	5.77	3.1833	3.04	1.97	1.6800	89.3	0.00	0.00
BAS 469	010YR12H r	5.69	6.1500	3.54	2.43	1.6800	89.3	0.00	0.00
BAS 469	010YR24H r	5.10	12.1000	4.06	2.91	1.6800	89.3	0.00	0.00
BAS 469	1 1/4" 24hr	0.81	12.1167	1.25	0.46	1.6800	89.3	0.00	0.00
BAS 469	100YR01h r	8.55	0.7167	3.01	1.94	1.6800	89.3	0.00	0.00
BAS 469	100YR02h r	9.69	1.2167	3.65	2.53	1.6800	89.3	0.00	0.00
BAS 469	100YR03h r	9.77	1.7000	3.94	2.80	1.6800	89.3	0.00	0.00
BAS 469	100YR06h r	10.49	3.1833	4.79	3.61	1.6800	89.3	0.00	0.00
BAS 469	100YR12h r	9.62	6.1500	5.38	4.18	1.6800	89.3	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
BAS 469	100YR24hr	7.90	12.1000	5.83	4.61	1.6800	89.3	0.00	0.00
BAS 474	002YR01HR	3.65	0.7667	1.39	0.60	2.6400	90.0	0.00	0.00
BAS 474	002YR02HR	4.19	1.2500	1.62	0.78	2.6400	90.0	0.00	0.00
BAS 474	002YR03HR	4.24	1.7500	1.72	0.86	2.6400	90.0	0.00	0.00
BAS 474	002YR06HR	4.82	3.2167	2.06	1.14	2.6400	90.0	0.00	0.00
BAS 474	002YR12HR	5.11	6.1833	2.45	1.49	2.6400	90.0	0.00	0.00
BAS 474	002YR24HR	4.99	12.1333	2.90	1.89	2.6400	90.0	0.00	0.00
BAS 474	010YR01HR	6.95	0.7500	2.02	1.11	2.6400	90.0	0.00	0.00
BAS 474	010YR02HR	7.81	1.2500	2.38	1.42	2.6400	90.0	0.00	0.00
BAS 474	010YR03HR	7.82	1.7333	2.53	1.56	2.6400	90.0	0.00	0.00
BAS 474	010YR06HR	8.55	3.2167	3.04	2.02	2.6400	90.0	0.00	0.00
BAS 474	010YR12HR	8.49	6.1667	3.54	2.49	2.6400	90.0	0.00	0.00
BAS 474	010YR24HR	7.72	12.1333	4.06	2.98	2.6400	90.0	0.00	0.00
BAS 474	1 1/4" 24hr	1.29	12.1500	1.25	0.49	2.6400	90.0	0.00	0.00
BAS 474	100YR01hr	12.63	0.7500	3.01	1.99	2.6400	90.0	0.00	0.00
BAS 474	100YR02hr	14.24	1.2333	3.65	2.59	2.6400	90.0	0.00	0.00
BAS 474	100YR03hr	14.36	1.7333	3.94	2.86	2.6400	90.0	0.00	0.00
BAS 474	100YR06hr	15.38	3.2000	4.79	3.68	2.6400	90.0	0.00	0.00
BAS 474	100YR12hr	14.25	6.1667	5.38	4.25	2.6400	90.0	0.00	0.00
BAS 474	100YR24hr	11.87	12.1333	5.83	4.68	2.6400	90.0	0.00	0.00
BAS 501	002YR01HR	4.82	0.7667	1.39	0.51	4.1200	88.1	0.00	0.00
BAS 501	002YR02HR	5.64	1.2500	1.62	0.68	4.1200	88.1	0.00	0.00
BAS 501	002YR03HR	5.76	1.7500	1.72	0.75	4.1200	88.1	0.00	0.00
BAS 501	002YR06HR	6.72	3.2167	2.06	1.02	4.1200	88.1	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
	R								
BAS 501	002YR12H R	7.28	6.1833	2.45	1.35	4.1200	88.1	0.00	0.00
BAS 501	002YR24H R	7.25	12.1333	2.90	1.74	4.1200	88.1	0.00	0.00
BAS 501	010YR01H r	9.68	0.7500	2.02	0.99	4.1200	88.1	0.00	0.00
BAS 501	010YR02H r	11.07	1.2500	2.38	1.29	4.1200	88.1	0.00	0.00
BAS 501	010YR03H r	11.15	1.7333	2.53	1.42	4.1200	88.1	0.00	0.00
BAS 501	010YR06H r	12.42	3.2167	3.04	1.87	4.1200	88.1	0.00	0.00
BAS 501	010YR12H r	12.50	6.1667	3.54	2.32	4.1200	88.1	0.00	0.00
BAS 501	010YR24H r	11.50	12.1333	4.06	2.80	4.1200	88.1	0.00	0.00
BAS 501	1 1/4" 24hr	1.66	12.1500	1.25	0.41	4.1200	88.1	0.00	0.00
BAS 501	100YR01h r	18.30	0.7500	3.01	1.84	4.1200	88.1	0.00	0.00
BAS 501	100YR02h r	20.95	1.2333	3.65	2.42	4.1200	88.1	0.00	0.00
BAS 501	100YR03h r	21.26	1.7333	3.94	2.69	4.1200	88.1	0.00	0.00
BAS 501	100YR06h r	23.09	3.2000	4.79	3.49	4.1200	88.1	0.00	0.00
BAS 501	100YR12h r	21.55	6.1667	5.38	4.05	4.1200	88.1	0.00	0.00
BAS 501	100YR24h r	18.03	12.1333	5.83	4.49	4.1200	88.1	0.00	0.00
BAS 503	002YR01H R	1.11	0.7167	1.39	0.64	0.6400	90.8	0.00	0.00
BAS 503	002YR02H R	1.25	1.2000	1.62	0.83	0.6400	90.8	0.00	0.00
BAS 503	002YR03H R	1.26	1.7000	1.72	0.91	0.6400	90.8	0.00	0.00
BAS 503	002YR06H R	1.41	3.1667	2.06	1.20	0.6400	90.8	0.00	0.00
BAS 503	002YR12H R	1.45	6.1333	2.45	1.55	0.6400	90.8	0.00	0.00
BAS 503	002YR24H R	1.36	12.1000	2.90	1.96	0.6400	90.8	0.00	0.00
BAS 503	010YR01H r	2.06	0.7000	2.02	1.17	0.6400	90.8	0.00	0.00
BAS 503	010YR02H r	2.29	1.2000	2.38	1.49	0.6400	90.8	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
BAS 503	010YR03H r	2.27	1.6833	2.53	1.62	0.6400	90.8	0.00	0.00
BAS 503	010YR06H r	2.46	3.1667	3.04	2.09	0.6400	90.8	0.00	0.00
BAS 503	010YR12H r	2.38	6.1333	3.54	2.56	0.6400	90.8	0.00	0.00
BAS 503	010YR24H r	2.08	12.1000	4.06	3.06	0.6400	90.8	0.00	0.00
BAS 503	1 1/4" 24hr	0.37	12.1000	1.25	0.53	0.6400	90.8	0.00	0.00
BAS 503	100YR01h r	3.67	0.7000	3.01	2.06	0.6400	90.8	0.00	0.00
BAS 503	100YR02h r	4.10	1.2000	3.65	2.67	0.6400	90.8	0.00	0.00
BAS 503	100YR03h r	4.10	1.6833	3.94	2.94	0.6400	90.8	0.00	0.00
BAS 503	100YR06h r	4.35	3.1667	4.79	3.76	0.6400	90.8	0.00	0.00
BAS 503	100YR12h r	3.94	6.1333	5.38	4.34	0.6400	90.8	0.00	0.00
BAS 503	100YR24h r	3.17	12.0833	5.83	4.78	0.6400	90.8	0.00	0.00
BAS 504	002YR01H R	1.06	0.7000	1.39	0.65	0.5900	90.9	0.00	0.00
BAS 504	002YR02H R	1.20	1.2000	1.62	0.83	0.5900	90.9	0.00	0.00
BAS 504	002YR03H R	1.20	1.6833	1.72	0.92	0.5900	90.9	0.00	0.00
BAS 504	002YR06H R	1.34	3.1667	2.06	1.21	0.5900	90.9	0.00	0.00
BAS 504	002YR12H R	1.37	6.1333	2.45	1.56	0.5900	90.9	0.00	0.00
BAS 504	002YR24H R	1.28	12.0833	2.90	1.97	0.5900	90.9	0.00	0.00
BAS 504	010YR01H r	1.97	0.7000	2.02	1.18	0.5900	90.9	0.00	0.00
BAS 504	010YR02H r	2.18	1.2000	2.38	1.50	0.5900	90.9	0.00	0.00
BAS 504	010YR03H r	2.16	1.6833	2.53	1.63	0.5900	90.9	0.00	0.00
BAS 504	010YR06H r	2.33	3.1667	3.04	2.10	0.5900	90.9	0.00	0.00
BAS 504	010YR12H r	2.24	6.1333	3.54	2.57	0.5900	90.9	0.00	0.00
BAS 504	010YR24H r	1.95	12.0833	4.06	3.07	0.5900	90.9	0.00	0.00
BAS 504	1 1/4"	0.35	12.1000	1.25	0.54	0.5900	90.9	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
	24hr								
BAS 504	100YR01hr	3.50	0.7000	3.01	2.08	0.5900	90.9	0.00	0.00
BAS 504	100YR02hr	3.89	1.1833	3.65	2.68	0.5900	90.9	0.00	0.00
BAS 504	100YR03hr	3.89	1.6833	3.94	2.96	0.5900	90.9	0.00	0.00
BAS 504	100YR06hr	4.11	3.1500	4.79	3.77	0.5900	90.9	0.00	0.00
BAS 504	100YR12hr	3.70	6.1167	5.38	4.35	0.5900	90.9	0.00	0.00
BAS 504	100YR24hr	2.97	12.0833	5.83	4.79	0.5900	90.9	0.00	0.00
BAS 517	002YR01HR	1.34	0.7000	1.39	0.62	0.7800	90.4	0.00	0.00
BAS 517	002YR02HR	1.53	1.2000	1.62	0.80	0.7800	90.4	0.00	0.00
BAS 517	002YR03HR	1.54	1.6833	1.72	0.88	0.7800	90.4	0.00	0.00
BAS 517	002YR06HR	1.73	3.1667	2.06	1.17	0.7800	90.4	0.00	0.00
BAS 517	002YR12HR	1.78	6.1333	2.45	1.52	0.7800	90.4	0.00	0.00
BAS 517	002YR24HR	1.66	12.0833	2.90	1.93	0.7800	90.4	0.00	0.00
BAS 517	010YR01Hr	2.53	0.7000	2.02	1.14	0.7800	90.4	0.00	0.00
BAS 517	010YR02Hr	2.81	1.1833	2.38	1.45	0.7800	90.4	0.00	0.00
BAS 517	010YR03Hr	2.80	1.6833	2.53	1.59	0.7800	90.4	0.00	0.00
BAS 517	010YR06Hr	3.03	3.1667	3.04	2.06	0.7800	90.4	0.00	0.00
BAS 517	010YR12Hr	2.93	6.1167	3.54	2.52	0.7800	90.4	0.00	0.00
BAS 517	010YR24Hr	2.56	12.0833	4.06	3.02	0.7800	90.4	0.00	0.00
BAS 517	1 1/4" 24hr	0.45	12.1000	1.25	0.51	0.7800	90.4	0.00	0.00
BAS 517	100YR01hr	4.56	0.7000	3.01	2.03	0.7800	90.4	0.00	0.00
BAS 517	100YR02hr	5.10	1.1833	3.65	2.63	0.7800	90.4	0.00	0.00
BAS 517	100YR03hr	5.10	1.6833	3.94	2.90	0.7800	90.4	0.00	0.00
BAS 517	100YR06hr	5.41	3.1500	4.79	3.72	0.7800	90.4	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
BAS 517	100YR12hr	4.88	6.1167	5.38	4.29	0.7800	90.4	0.00	0.00
BAS 517	100YR24hr	3.91	12.0833	5.83	4.73	0.7800	90.4	0.00	0.00
BAS 521	002YR01HR	5.29	0.7167	1.39	0.51	3.9400	88.1	0.00	0.00
BAS 521	002YR02HR	6.20	1.2000	1.62	0.67	3.9400	88.1	0.00	0.00
BAS 521	002YR03HR	6.33	1.7000	1.72	0.75	3.9400	88.1	0.00	0.00
BAS 521	002YR06HR	7.36	3.1667	2.06	1.02	3.9400	88.1	0.00	0.00
BAS 521	002YR12HR	7.84	6.1333	2.45	1.34	3.9400	88.1	0.00	0.00
BAS 521	002YR24HR	7.56	12.1000	2.90	1.74	3.9400	88.1	0.00	0.00
BAS 521	010YR01HR	10.68	0.7000	2.02	0.99	3.9400	88.1	0.00	0.00
BAS 521	010YR02HR	12.22	1.2000	2.38	1.29	3.9400	88.1	0.00	0.00
BAS 521	010YR03HR	12.26	1.6833	2.53	1.41	3.9400	88.1	0.00	0.00
BAS 521	010YR06HR	13.63	3.1667	3.04	1.86	3.9400	88.1	0.00	0.00
BAS 521	010YR12HR	13.46	6.1333	3.54	2.31	3.9400	88.1	0.00	0.00
BAS 521	010YR24HR	11.98	12.1000	4.06	2.79	3.9400	88.1	0.00	0.00
BAS 521	1 1/4" 24hr	1.74	12.1167	1.25	0.41	3.9400	88.1	0.00	0.00
BAS 521	100YR01hr	20.29	0.7000	3.01	1.83	3.9400	88.1	0.00	0.00
BAS 521	100YR02hr	23.17	1.2000	3.65	2.41	3.9400	88.1	0.00	0.00
BAS 521	100YR03hr	23.44	1.6833	3.94	2.68	3.9400	88.1	0.00	0.00
BAS 521	100YR06hr	25.33	3.1667	4.79	3.48	3.9400	88.1	0.00	0.00
BAS 521	100YR12hr	23.16	6.1333	5.38	4.04	3.9400	88.1	0.00	0.00
BAS 521	100YR24hr	18.78	12.0833	5.83	4.48	3.9400	88.1	0.00	0.00
BAS 522	002YR01HR	0.97	0.7667	1.39	0.27	1.6400	81.2	0.00	0.00
BAS 522	002YR02HR	1.21	1.2500	1.62	0.39	1.6400	81.2	0.00	0.00
BAS 522	002YR03HR	1.28	1.7333	1.72	0.44	1.6400	81.2	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
	R								
BAS 522	002YR06H R	1.67	3.2167	2.06	0.65	1.6400	81.2	0.00	0.00
BAS 522	002YR12H R	1.99	6.1667	2.45	0.92	1.6400	81.2	0.00	0.00
BAS 522	002YR24H R	2.14	12.1167	2.90	1.25	1.6400	81.2	0.00	0.00
BAS 522	010YR01H r	2.45	0.7500	2.02	0.63	1.6400	81.2	0.00	0.00
BAS 522	010YR02H r	2.99	1.2333	2.38	0.87	1.6400	81.2	0.00	0.00
BAS 522	010YR03H r	3.08	1.7333	2.53	0.98	1.6400	81.2	0.00	0.00
BAS 522	010YR06H r	3.71	3.2000	3.04	1.36	1.6400	81.2	0.00	0.00
BAS 522	010YR12H r	3.94	6.1667	3.54	1.76	1.6400	81.2	0.00	0.00
BAS 522	010YR24H r	3.78	12.1167	4.06	2.19	1.6400	81.2	0.00	0.00
BAS 522	1 1/4" 24hr	0.26	12.1667	1.25	0.20	1.6400	81.2	0.00	0.00
BAS 522	100YR01h r	5.46	0.7333	3.01	1.34	1.6400	81.2	0.00	0.00
BAS 522	100YR02h r	6.65	1.2333	3.65	1.85	1.6400	81.2	0.00	0.00
BAS 522	100YR03h r	6.90	1.7167	3.94	2.09	1.6400	81.2	0.00	0.00
BAS 522	100YR06h r	7.89	3.2000	4.79	2.83	1.6400	81.2	0.00	0.00
BAS 522	100YR12h r	7.55	6.1500	5.38	3.35	1.6400	81.2	0.00	0.00
BAS 522	100YR24h r	6.43	12.1167	5.83	3.76	1.6400	81.2	0.00	0.00
BAS 539	002YR01H R	0.57	0.7000	1.39	0.64	0.3100	90.8	0.00	0.00
BAS 539	002YR02H R	0.65	1.1833	1.62	0.83	0.3100	90.8	0.00	0.00
BAS 539	002YR03H R	0.65	1.6833	1.72	0.91	0.3100	90.8	0.00	0.00
BAS 539	002YR06H R	0.73	3.1500	2.06	1.20	0.3100	90.8	0.00	0.00
BAS 539	002YR12H R	0.74	6.1167	2.45	1.55	0.3100	90.8	0.00	0.00
BAS 539	002YR24H R	0.68	12.0833	2.90	1.97	0.3100	90.8	0.00	0.00
BAS 539	010YR01H r	1.07	0.6833	2.02	1.17	0.3100	90.8	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
BAS 539	010YR02H r	1.19	1.1833	2.38	1.49	0.3100	90.8	0.00	0.00
BAS 539	010YR03H r	1.18	1.6667	2.53	1.63	0.3100	90.8	0.00	0.00
BAS 539	010YR06H r	1.27	3.1500	3.04	2.10	0.3100	90.8	0.00	0.00
BAS 539	010YR12H r	1.21	6.1167	3.54	2.57	0.3100	90.8	0.00	0.00
BAS 539	010YR24H r	1.04	12.0833	4.06	3.06	0.3100	90.8	0.00	0.00
BAS 539	1 1/4" 24hr	0.19	12.1000	1.25	0.53	0.3100	90.8	0.00	0.00
BAS 539	100YR01h r	1.91	0.6833	3.01	2.07	0.3100	90.8	0.00	0.00
BAS 539	100YR02h r	2.12	1.1833	3.65	2.67	0.3100	90.8	0.00	0.00
BAS 539	100YR03h r	2.12	1.6667	3.94	2.95	0.3100	90.8	0.00	0.00
BAS 539	100YR06h r	2.24	3.1500	4.79	3.77	0.3100	90.8	0.00	0.00
BAS 539	100YR12h r	2.01	6.1167	5.38	4.34	0.3100	90.8	0.00	0.00
BAS 539	100YR24h r	1.59	12.0833	5.83	4.78	0.3100	90.8	0.00	0.00
BAS 540	002YR01H R	0.52	0.7000	1.39	0.61	0.3100	90.2	0.00	0.00
BAS 540	002YR02H R	0.60	1.2000	1.62	0.79	0.3100	90.2	0.00	0.00
BAS 540	002YR03H R	0.60	1.6833	1.72	0.87	0.3100	90.2	0.00	0.00
BAS 540	002YR06H R	0.68	3.1667	2.06	1.16	0.3100	90.2	0.00	0.00
BAS 540	002YR12H R	0.70	6.1333	2.45	1.50	0.3100	90.2	0.00	0.00
BAS 540	002YR24H R	0.66	12.0833	2.90	1.91	0.3100	90.2	0.00	0.00
BAS 540	010YR01H r	1.00	0.7000	2.02	1.12	0.3100	90.2	0.00	0.00
BAS 540	010YR02H r	1.11	1.1833	2.38	1.44	0.3100	90.2	0.00	0.00
BAS 540	010YR03H r	1.10	1.6833	2.53	1.57	0.3100	90.2	0.00	0.00
BAS 540	010YR06H r	1.20	3.1667	3.04	2.04	0.3100	90.2	0.00	0.00
BAS 540	010YR12H r	1.16	6.1333	3.54	2.51	0.3100	90.2	0.00	0.00
BAS 540	010YR24H	1.01	12.0833	4.06	3.00	0.3100	90.2	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
	r								
BAS 540	1 1/4" 24hr	0.17	12.1000	1.25	0.50	0.3100	90.2	0.00	0.00
BAS 540	100YR01hr	1.80	0.7000	3.01	2.01	0.3100	90.2	0.00	0.00
BAS 540	100YR02hr	2.01	1.1833	3.65	2.61	0.3100	90.2	0.00	0.00
BAS 540	100YR03hr	2.02	1.6833	3.94	2.88	0.3100	90.2	0.00	0.00
BAS 540	100YR06hr	2.14	3.1500	4.79	3.70	0.3100	90.2	0.00	0.00
BAS 540	100YR12hr	1.93	6.1167	5.38	4.27	0.3100	90.2	0.00	0.00
BAS 540	100YR24hr	1.55	12.0833	5.83	4.71	0.3100	90.2	0.00	0.00
BAS 541	002YR01HR	2.65	0.7167	1.39	0.49	2.0600	87.6	0.00	0.00
BAS 541	002YR02HR	3.12	1.2000	1.62	0.65	2.0600	87.6	0.00	0.00
BAS 541	002YR03HR	3.19	1.7000	1.72	0.73	2.0600	87.6	0.00	0.00
BAS 541	002YR06HR	3.74	3.1667	2.06	0.99	2.0600	87.6	0.00	0.00
BAS 541	002YR12HR	4.00	6.1333	2.45	1.32	2.0600	87.6	0.00	0.00
BAS 541	002YR24HR	3.88	12.1000	2.90	1.70	2.0600	87.6	0.00	0.00
BAS 541	010YR01HR	5.42	0.7000	2.02	0.96	2.0600	87.6	0.00	0.00
BAS 541	010YR02HR	6.23	1.2000	2.38	1.26	2.0600	87.6	0.00	0.00
BAS 541	010YR03HR	6.26	1.6833	2.53	1.38	2.0600	87.6	0.00	0.00
BAS 541	010YR06HR	7.00	3.1667	3.04	1.83	2.0600	87.6	0.00	0.00
BAS 541	010YR12HR	6.93	6.1333	3.54	2.28	2.0600	87.6	0.00	0.00
BAS 541	010YR24HR	6.19	12.1000	4.06	2.75	2.0600	87.6	0.00	0.00
BAS 541	1 1/4" 24hr	0.87	12.1167	1.25	0.39	2.0600	87.6	0.00	0.00
BAS 541	100YR01hr	10.40	0.7000	3.01	1.80	2.0600	87.6	0.00	0.00
BAS 541	100YR02hr	11.93	1.2000	3.65	2.38	2.0600	87.6	0.00	0.00
BAS 541	100YR03hr	12.08	1.6833	3.94	2.64	2.0600	87.6	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
BAS 541	100YR06hr	13.10	3.1667	4.79	3.44	2.0600	87.6	0.00	0.00
BAS 541	100YR12hr	12.00	6.1333	5.38	4.00	2.0600	87.6	0.00	0.00
BAS 541	100YR24hr	9.74	12.0833	5.83	4.43	2.0600	87.6	0.00	0.00
BAS 542	002YR01HR	8.34	0.7167	1.39	0.56	5.6000	89.3	0.00	0.00
BAS 542	002YR02HR	9.59	1.2167	1.62	0.74	5.6000	89.3	0.00	0.00
BAS 542	002YR03HR	9.76	1.7000	1.72	0.82	5.6000	89.3	0.00	0.00
BAS 542	002YR06HR	11.13	3.1667	2.06	1.10	5.6000	89.3	0.00	0.00
BAS 542	002YR12HR	11.70	6.1333	2.45	1.44	5.6000	89.3	0.00	0.00
BAS 542	002YR24HR	11.19	12.1000	2.90	1.84	5.6000	89.3	0.00	0.00
BAS 542	010YR01HR	16.20	0.7167	2.02	1.07	5.6000	89.3	0.00	0.00
BAS 542	010YR02HR	18.27	1.2000	2.38	1.38	5.6000	89.3	0.00	0.00
BAS 542	010YR03HR	18.26	1.7000	2.53	1.51	5.6000	89.3	0.00	0.00
BAS 542	010YR06HR	20.04	3.1667	3.04	1.97	5.6000	89.3	0.00	0.00
BAS 542	010YR12HR	19.66	6.1333	3.54	2.43	5.6000	89.3	0.00	0.00
BAS 542	010YR24HR	17.44	12.1000	4.06	2.91	5.6000	89.3	0.00	0.00
BAS 542	1 1/4" 24hr	2.79	12.1167	1.25	0.46	5.6000	89.3	0.00	0.00
BAS 542	100YR01hr	29.78	0.7000	3.01	1.94	5.6000	89.3	0.00	0.00
BAS 542	100YR02hr	33.78	1.2000	3.65	2.53	5.6000	89.3	0.00	0.00
BAS 542	100YR03hr	33.95	1.6833	3.94	2.80	5.6000	89.3	0.00	0.00
BAS 542	100YR06hr	36.45	3.1667	4.79	3.61	5.6000	89.3	0.00	0.00
BAS 542	100YR12hr	33.26	6.1333	5.38	4.18	5.6000	89.3	0.00	0.00
BAS 542	100YR24hr	26.96	12.1000	5.83	4.61	5.6000	89.3	0.00	0.00
BAS 549	002YR01HR	5.23	0.7167	1.39	0.56	3.5200	89.2	0.00	0.00
BAS 549	002YR02HR	6.02	1.2000	1.62	0.74	3.5200	89.2	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
	R								
BAS 549	002YR03H R	6.12	1.7000	1.72	0.82	3.5200	89.2	0.00	0.00
BAS 549	002YR06H R	7.00	3.1667	2.06	1.10	3.5200	89.2	0.00	0.00
BAS 549	002YR12H R	7.35	6.1333	2.45	1.43	3.5200	89.2	0.00	0.00
BAS 549	002YR24H R	7.03	12.1000	2.90	1.83	3.5200	89.2	0.00	0.00
BAS 549	010YR01H r	10.17	0.7167	2.02	1.06	3.5200	89.2	0.00	0.00
BAS 549	010YR02H r	11.49	1.2000	2.38	1.37	3.5200	89.2	0.00	0.00
BAS 549	010YR03H r	11.48	1.7000	2.53	1.50	3.5200	89.2	0.00	0.00
BAS 549	010YR06H r	12.62	3.1667	3.04	1.96	3.5200	89.2	0.00	0.00
BAS 549	010YR12H r	12.37	6.1333	3.54	2.42	3.5200	89.2	0.00	0.00
BAS 549	010YR24H r	10.97	12.1000	4.06	2.91	3.5200	89.2	0.00	0.00
BAS 549	1 1/4" 24hr	1.75	12.1167	1.25	0.46	3.5200	89.2	0.00	0.00
BAS 549	100YR01h r	18.76	0.7000	3.01	1.93	3.5200	89.2	0.00	0.00
BAS 549	100YR02h r	21.27	1.2000	3.65	2.52	3.5200	89.2	0.00	0.00
BAS 549	100YR03h r	21.39	1.6833	3.94	2.79	3.5200	89.2	0.00	0.00
BAS 549	100YR06h r	22.97	3.1667	4.79	3.60	3.5200	89.2	0.00	0.00
BAS 549	100YR12h r	20.95	6.1333	5.38	4.17	3.5200	89.2	0.00	0.00
BAS 549	100YR24h r	16.96	12.1000	5.83	4.61	3.5200	89.2	0.00	0.00
BAS 568	002YR01H R	0.52	0.6333	1.39	0.47	0.3100	87.2	0.00	0.00
BAS 568	002YR02H R	0.61	1.1333	1.62	0.63	0.3100	87.2	0.00	0.00
BAS 568	002YR03H R	0.62	1.6167	1.72	0.70	0.3100	87.2	0.00	0.00
BAS 568	002YR06H R	0.72	3.1000	2.06	0.96	0.3100	87.2	0.00	0.00
BAS 568	002YR12H R	0.74	6.0833	2.45	1.28	0.3100	87.2	0.00	0.00
BAS 568	002YR24H R	0.66	12.0500	2.90	1.67	0.3100	87.2	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
BAS 568	010YR01H r	1.08	0.6333	2.02	0.93	0.3100	87.2	0.00	0.00
BAS 568	010YR02H r	1.23	1.1333	2.38	1.22	0.3100	87.2	0.00	0.00
BAS 568	010YR03H r	1.24	1.6167	2.53	1.35	0.3100	87.2	0.00	0.00
BAS 568	010YR06H r	1.37	3.1000	3.04	1.79	0.3100	87.2	0.00	0.00
BAS 568	010YR12H r	1.28	6.0667	3.54	2.23	0.3100	87.2	0.00	0.00
BAS 568	010YR24H r	1.06	12.0500	4.06	2.71	0.3100	87.2	0.00	0.00
BAS 568	1 1/4" 24hr	0.15	12.0500	1.25	0.38	0.3100	87.2	0.00	0.00
BAS 568	100YR01h r	2.10	0.6333	3.01	1.76	0.3100	87.2	0.00	0.00
BAS 568	100YR02h r	2.38	1.1167	3.65	2.33	0.3100	87.2	0.00	0.00
BAS 568	100YR03h r	2.41	1.6167	3.94	2.60	0.3100	87.2	0.00	0.00
BAS 568	100YR06h r	2.57	3.1000	4.79	3.39	0.3100	87.2	0.00	0.00
BAS 568	100YR12h r	2.22	6.0667	5.38	3.95	0.3100	87.2	0.00	0.00
BAS 568	100YR24h r	1.67	12.0333	5.83	4.38	0.3100	87.2	0.00	0.00
BAS 569	002YR01H R	0.97	0.7000	1.39	0.67	0.5000	91.4	0.00	0.00
BAS 569	002YR02H R	1.09	1.1833	1.62	0.86	0.5000	91.4	0.00	0.00
BAS 569	002YR03H R	1.09	1.6833	1.72	0.95	0.5000	91.4	0.00	0.00
BAS 569	002YR06H R	1.21	3.1500	2.06	1.25	0.5000	91.4	0.00	0.00
BAS 569	002YR12H R	1.23	6.1167	2.45	1.60	0.5000	91.4	0.00	0.00
BAS 569	002YR24H R	1.12	12.0833	2.90	2.01	0.5000	91.4	0.00	0.00
BAS 569	010YR01H r	1.78	0.6833	2.02	1.21	0.5000	91.4	0.00	0.00
BAS 569	010YR02H r	1.96	1.1833	2.38	1.53	0.5000	91.4	0.00	0.00
BAS 569	010YR03H r	1.94	1.6667	2.53	1.67	0.5000	91.4	0.00	0.00
BAS 569	010YR06H r	2.08	3.1500	3.04	2.15	0.5000	91.4	0.00	0.00
BAS 569	010YR12H	1.98	6.1167	3.54	2.62	0.5000	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
	r								
BAS 569	010YR24H r	1.70	12.0833	4.06	3.12	0.5000	91.4	0.00	0.00
BAS 569	1 1/4" 24hr	0.32	12.1000	1.25	0.56	0.5000	91.4	0.00	0.00
BAS 569	100YR01h r	3.14	0.6833	3.01	2.12	0.5000	91.4	0.00	0.00
BAS 569	100YR02h r	3.47	1.1833	3.65	2.72	0.5000	91.4	0.00	0.00
BAS 569	100YR03h r	3.46	1.6667	3.94	3.00	0.5000	91.4	0.00	0.00
BAS 569	100YR06h r	3.64	3.1500	4.79	3.82	0.5000	91.4	0.00	0.00
BAS 569	100YR12h r	3.26	6.1167	5.38	4.40	0.5000	91.4	0.00	0.00
BAS 569	100YR24h r	2.58	12.0833	5.83	4.84	0.5000	91.4	0.00	0.00
BAS L1	002YR01H R	17.09	0.8333	1.39	0.51	17.4900	88.1	0.00	0.00
BAS L1	002YR02H R	19.90	1.3167	1.62	0.68	17.4900	88.1	0.00	0.00
BAS L1	002YR03H R	20.43	1.8167	1.72	0.75	17.4900	88.1	0.00	0.00
BAS L1	002YR06H R	23.98	3.2833	2.06	1.02	17.4900	88.1	0.00	0.00
BAS L1	002YR12H R	26.38	6.2500	2.45	1.35	17.4900	88.1	0.00	0.00
BAS L1	002YR24H R	27.03	12.1833	2.90	1.74	17.4900	88.1	0.00	0.00
BAS L1	010YR01H r	34.10	0.8167	2.02	0.99	17.4900	88.1	0.00	0.00
BAS L1	010YR02H r	39.12	1.3167	2.38	1.29	17.4900	88.1	0.00	0.00
BAS L1	010YR03H r	39.54	1.8000	2.53	1.42	17.4900	88.1	0.00	0.00
BAS L1	010YR06H r	44.41	3.2833	3.04	1.87	17.4900	88.1	0.00	0.00
BAS L1	010YR12H r	45.50	6.2333	3.54	2.32	17.4900	88.1	0.00	0.00
BAS L1	010YR24H r	43.08	12.1833	4.06	2.80	17.4900	88.1	0.00	0.00
BAS L1	1 1/4" 24hr	6.09	12.2167	1.25	0.41	17.4900	88.1	0.00	0.00
BAS L1	100YR01h r	64.42	0.8167	3.01	1.84	17.4900	88.1	0.00	0.00
BAS L1	100YR02h r	74.19	1.3167	3.65	2.42	17.4900	88.1	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
BAS L1	100YR03hr	75.61	1.8000	3.94	2.69	17.4900	88.1	0.00	0.00
BAS L1	100YR06hr	82.67	3.2667	4.79	3.49	17.4900	88.1	0.00	0.00
BAS L1	100YR12hr	78.57	6.2333	5.38	4.05	17.4900	88.1	0.00	0.00
BAS L1	100YR24hr	67.74	12.1833	5.83	4.48	17.4900	88.1	0.00	0.00
BAS L4	002YR01HR	4.64	0.7000	1.39	0.30	5.7700	82.3	0.00	0.00
BAS L4	002YR02HR	5.80	1.1833	1.62	0.42	5.7700	82.3	0.00	0.00
BAS L4	002YR03HR	6.07	1.6667	1.72	0.48	5.7700	82.3	0.00	0.00
BAS L4	002YR06HR	7.80	3.1500	2.06	0.70	5.7700	82.3	0.00	0.00
BAS L4	002YR12HR	8.92	6.1167	2.45	0.98	5.7700	82.3	0.00	0.00
BAS L4	002YR24HR	9.02	12.0833	2.90	1.32	5.7700	82.3	0.00	0.00
BAS L4	010YR01Hr	11.45	0.6833	2.02	0.67	5.7700	82.3	0.00	0.00
BAS L4	010YR02Hr	13.81	1.1667	2.38	0.93	5.7700	82.3	0.00	0.00
BAS L4	010YR03Hr	14.22	1.6667	2.53	1.04	5.7700	82.3	0.00	0.00
BAS L4	010YR06Hr	16.74	3.1500	3.04	1.43	5.7700	82.3	0.00	0.00
BAS L4	010YR12Hr	17.13	6.1167	3.54	1.84	5.7700	82.3	0.00	0.00
BAS L4	010YR24Hr	15.51	12.0667	4.06	2.28	5.7700	82.3	0.00	0.00
BAS L4	1 1/4" 24hr	1.29	12.1000	1.25	0.22	5.7700	82.3	0.00	0.00
BAS L4	100YR01hr	24.96	0.6833	3.01	1.41	5.7700	82.3	0.00	0.00
BAS L4	100YR02hr	30.09	1.1667	3.65	1.93	5.7700	82.3	0.00	0.00
BAS L4	100YR03hr	30.88	1.6667	3.94	2.18	5.7700	82.3	0.00	0.00
BAS L4	100YR06hr	34.85	3.1333	4.79	2.92	5.7700	82.3	0.00	0.00
BAS L4	100YR12hr	32.13	6.1000	5.38	3.45	5.7700	82.3	0.00	0.00
BAS L4	100YR24hr	25.93	12.0667	5.83	3.86	5.7700	82.3	0.00	0.00
CapricornC	002YR01HR	5.68	0.8167	1.39	0.42	6.6700	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
tDA	R								
CapricornC tDA	002YR02H R	6.75	1.3000	1.62	0.57	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR03H R	6.99	1.7833	1.72	0.64	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR06H R	8.45	3.2667	2.06	0.90	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR12H R	9.51	6.2167	2.45	1.21	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR24H R	9.89	12.1667	2.90	1.58	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR01H r	12.10	0.8000	2.02	0.87	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR02H r	14.11	1.2833	2.38	1.15	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR03H r	14.37	1.7833	2.53	1.27	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR06H r	16.46	3.2500	3.04	1.70	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR12H r	17.04	6.2167	3.54	2.14	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR24H r	16.22	12.1667	4.06	2.61	6.6700	86.0	0.00	0.00
CapricornC tDA	1 1/4" 24hr	1.91	12.1833	1.25	0.33	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR01h r	23.88	0.7833	3.01	1.67	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR02h r	28.05	1.2833	3.65	2.24	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR03h r	28.71	1.7667	3.94	2.50	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR06h r	31.85	3.2500	4.79	3.28	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR12h r	30.34	6.2000	5.38	3.83	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR24h r	26.07	12.1667	5.83	4.26	6.6700	86.0	0.00	0.00
Dir30RCP	002YR01H R	0.87	0.7167	1.39	0.19	1.7900	78.2	0.00	0.00
Dir30RCP	002YR02H R	1.14	1.2000	1.62	0.29	1.7900	78.2	0.00	0.00
Dir30RCP	002YR03H R	1.21	1.6833	1.72	0.34	1.7900	78.2	0.00	0.00
Dir30RCP	002YR06H R	1.68	3.1500	2.06	0.53	1.7900	78.2	0.00	0.00
Dir30RCP	002YR12H R	2.09	6.1167	2.45	0.77	1.7900	78.2	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
Dir30RCP	002YR24H R	2.25	12.0833	2.90	1.07	1.7900	78.2	0.00	0.00
Dir30RCP	010YR01H r	2.54	0.6833	2.02	0.50	1.7900	78.2	0.00	0.00
Dir30RCP	010YR02H r	3.19	1.1833	2.38	0.72	1.7900	78.2	0.00	0.00
Dir30RCP	010YR03H r	3.34	1.6667	2.53	0.82	1.7900	78.2	0.00	0.00
Dir30RCP	010YR06H r	4.16	3.1500	3.04	1.17	1.7900	78.2	0.00	0.00
Dir30RCP	010YR12H r	4.43	6.1167	3.54	1.54	1.7900	78.2	0.00	0.00
Dir30RCP	010YR24H r	4.15	12.0833	4.06	1.95	1.7900	78.2	0.00	0.00
Dir30RCP	1 1/4" 24hr	0.18	12.1167	1.25	0.14	1.7900	78.2	0.00	0.00
Dir30RCP	100YR01h r	6.20	0.6833	3.01	1.15	1.7900	78.2	0.00	0.00
Dir30RCP	100YR02h r	7.76	1.1667	3.65	1.63	1.7900	78.2	0.00	0.00
Dir30RCP	100YR03h r	8.10	1.6667	3.94	1.86	1.7900	78.2	0.00	0.00
Dir30RCP	100YR06h r	9.45	3.1333	4.79	2.56	1.7900	78.2	0.00	0.00
Dir30RCP	100YR12h r	8.90	6.1000	5.38	3.06	1.7900	78.2	0.00	0.00
Dir30RCP	100YR24h r	7.29	12.0667	5.83	3.45	1.7900	78.2	0.00	0.00
DirectE	002YR01H R	0.39	0.9500	1.39	0.16	1.5200	76.7	0.00	0.00
DirectE	002YR02H R	0.50	1.4167	1.62	0.25	1.5200	76.7	0.00	0.00
DirectE	002YR03H R	0.53	1.9000	1.72	0.30	1.5200	76.7	0.00	0.00
DirectE	002YR06H R	0.74	3.3667	2.06	0.47	1.5200	76.7	0.00	0.00
DirectE	002YR12H R	0.97	6.3167	2.45	0.70	1.5200	76.7	0.00	0.00
DirectE	002YR24H R	1.18	12.2500	2.90	0.99	1.5200	76.7	0.00	0.00
DirectE	010YR01H r	1.15	0.9000	2.02	0.45	1.5200	76.7	0.00	0.00
DirectE	010YR02H r	1.43	1.3833	2.38	0.65	1.5200	76.7	0.00	0.00
DirectE	010YR03H r	1.50	1.8667	2.53	0.75	1.5200	76.7	0.00	0.00
DirectE	010YR06H	1.92	3.3500	3.04	1.08	1.5200	76.7	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
	r								
DirectE	010YR12H r	2.19	6.3000	3.54	1.44	1.5200	76.7	0.00	0.00
DirectE	010YR24H r	2.29	12.2333	4.06	1.84	1.5200	76.7	0.00	0.00
DirectE	1 1/4" 24hr	0.07	12.3667	1.25	0.11	1.5200	76.7	0.00	0.00
DirectE	100YR01h r	2.84	0.8833	3.01	1.06	1.5200	76.7	0.00	0.00
DirectE	100YR02h r	3.57	1.3667	3.65	1.52	1.5200	76.7	0.00	0.00
DirectE	100YR03h r	3.78	1.8500	3.94	1.75	1.5200	76.7	0.00	0.00
DirectE	100YR06h r	4.55	3.3333	4.79	2.43	1.5200	76.7	0.00	0.00
DirectE	100YR12h r	4.58	6.2833	5.38	2.92	1.5200	76.7	0.00	0.00
DirectE	100YR24h r	4.17	12.2333	5.83	3.31	1.5200	76.7	0.00	0.00
Ex Pond DA	002YR01H R	11.07	0.7667	1.39	0.29	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR02H R	13.75	1.2500	1.62	0.41	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR03H R	14.44	1.7333	1.72	0.47	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR06H R	18.56	3.2000	2.06	0.69	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR12H R	21.90	6.1667	2.45	0.96	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR24H R	23.26	12.1167	2.90	1.30	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR01H r	27.15	0.7500	2.02	0.66	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR02H r	32.91	1.2333	2.38	0.91	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR03H r	33.85	1.7167	2.53	1.02	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR06H r	40.39	3.2000	3.04	1.41	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR12H r	42.53	6.1667	3.54	1.82	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR24H r	40.49	12.1167	4.06	2.26	16.9700	82.0	0.00	0.00
Ex Pond DA	1 1/4" 24hr	3.12	12.1500	1.25	0.22	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR01h r	59.38	0.7333	3.01	1.39	16.9700	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
Ex Pond DA	100YR02hr	71.69	1.2167	3.65	1.91	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR03hr	74.27	1.7167	3.94	2.16	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR06hr	84.50	3.1833	4.79	2.90	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR12hr	80.48	6.1500	5.38	3.43	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR24hr	68.07	12.1167	5.83	3.84	16.9700	82.0	0.00	0.00
Ex-01 Basin	002YR01HR	0.40	0.8000	1.39	0.29	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR02HR	0.50	1.2833	1.62	0.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR03HR	0.52	1.7667	1.72	0.47	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR06HR	0.67	3.2500	2.06	0.69	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR12HR	0.80	6.2000	2.45	0.96	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR24HR	0.86	12.1500	2.90	1.30	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR01HR	0.98	0.7833	2.02	0.66	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR02HR	1.18	1.2667	2.38	0.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR03HR	1.22	1.7667	2.53	1.02	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR06HR	1.46	3.2333	3.04	1.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR12HR	1.55	6.2000	3.54	1.82	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR24HR	1.51	12.1500	4.06	2.26	0.6800	82.0	0.00	0.00
Ex-01 Basin	1 1/4" 24hr	0.11	12.1833	1.25	0.22	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR01hr	2.13	0.7667	3.01	1.39	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR02hr	2.58	1.2667	3.65	1.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR03hr	2.67	1.7500	3.94	2.16	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR06hr	3.05	3.2333	4.79	2.90	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR12hr	2.94	6.1833	5.38	3.43	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR24hr	2.54	12.1333	5.83	3.84	0.6800	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
Basin	r								
Ex-02 Basin	002YR01H R	0.70	0.8333	1.39	0.29	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR02H R	0.86	1.3167	1.62	0.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR03H R	0.91	1.8000	1.72	0.47	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR06H R	1.17	3.2833	2.06	0.69	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR12H R	1.39	6.2333	2.45	0.96	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR24H R	1.53	12.1833	2.90	1.30	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR01H r	1.70	0.8167	2.02	0.66	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR02H r	2.05	1.3000	2.38	0.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR03H r	2.12	1.7833	2.53	1.02	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR06H r	2.54	3.2667	3.04	1.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR12H r	2.72	6.2167	3.54	1.82	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR24H r	2.67	12.1667	4.06	2.26	1.2700	82.0	0.00	0.00
Ex-02 Basin	1 1/4" 24hr	0.20	12.2167	1.25	0.22	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR01h r	3.69	0.8000	3.01	1.39	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR02h r	4.46	1.2833	3.65	1.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR03h r	4.64	1.7833	3.94	2.16	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR06h r	5.31	3.2500	4.79	2.90	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR12h r	5.16	6.2167	5.38	3.43	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR24h r	4.51	12.1667	5.83	3.84	1.2700	82.0	0.00	0.00
Ex-03 Basin	002YR01H R	1.24	0.7333	1.39	0.29	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR02H R	1.55	1.2167	1.62	0.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR03H R	1.62	1.7167	1.72	0.47	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR06H R	2.09	3.1833	2.06	0.69	1.8100	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
Ex-03 Basin	002YR12H R	2.45	6.1500	2.45	0.96	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR24H R	2.57	12.1000	2.90	1.30	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR01H r	3.06	0.7167	2.02	0.66	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR02H r	3.71	1.2167	2.38	0.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR03H r	3.82	1.7000	2.53	1.02	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR06H r	4.54	3.1833	3.04	1.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR12H r	4.75	6.1500	3.54	1.82	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR24H r	4.47	12.1000	4.06	2.26	1.8100	82.0	0.00	0.00
Ex-03 Basin	1 1/4" 24hr	0.35	12.1333	1.25	0.22	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR01h r	6.71	0.7167	3.01	1.39	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR02h r	8.09	1.2000	3.65	1.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR03h r	8.37	1.7000	3.94	2.16	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR06h r	9.50	3.1667	4.79	2.90	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR12h r	8.98	6.1333	5.38	3.43	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR24h r	7.51	12.1000	5.83	3.84	1.8100	82.0	0.00	0.00
Ex-04 Basin	002YR01H R	0.62	0.9333	1.39	0.29	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR02H R	0.75	1.4000	1.62	0.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR03H R	0.79	1.9000	1.72	0.47	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR06H R	1.02	3.3667	2.06	0.69	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR12H R	1.23	6.3167	2.45	0.96	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR24H R	1.38	12.2500	2.90	1.30	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR01H r	1.48	0.9000	2.02	0.66	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR02H r	1.77	1.3833	2.38	0.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR03H r	1.83	1.8833	2.53	1.02	1.3300	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
Basin	r								
Ex-04 Basin	010YR06Hr	2.21	3.3500	3.04	1.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR12Hr	2.40	6.3000	3.54	1.82	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR24Hr	2.41	12.2500	4.06	2.26	1.3300	82.0	0.00	0.00
Ex-04 Basin	1 1/4" 24hr	0.18	12.3167	1.25	0.22	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR01hr	3.18	0.8833	3.01	1.39	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR02hr	3.85	1.3833	3.65	1.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR03hr	4.02	1.8667	3.94	2.16	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR06hr	4.63	3.3333	4.79	2.90	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR12hr	4.56	6.3000	5.38	3.43	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR24hr	4.09	12.2333	5.83	3.84	1.3300	82.0	0.00	0.00
Ex-05 Basin	002YR01HR	0.77	0.8333	1.39	0.29	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR02HR	0.95	1.3167	1.62	0.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR03HR	1.00	1.8000	1.72	0.47	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR06HR	1.28	3.2667	2.06	0.69	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR12HR	1.53	6.2167	2.45	0.96	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR24HR	1.68	12.1667	2.90	1.30	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR01Hr	1.87	0.8000	2.02	0.66	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR02Hr	2.25	1.3000	2.38	0.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR03Hr	2.33	1.7833	2.53	1.02	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR06Hr	2.79	3.2667	3.04	1.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR12Hr	2.99	6.2167	3.54	1.82	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR24Hr	2.93	12.1667	4.06	2.26	1.3800	82.0	0.00	0.00
Ex-05 Basin	1 1/4" 24hr	0.22	12.2167	1.25	0.22	1.3800	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
Ex-05 Basin	100YR01hr	4.06	0.8000	3.01	1.39	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR02hr	4.92	1.2833	3.65	1.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR03hr	5.10	1.7833	3.94	2.16	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR06hr	5.84	3.2500	4.79	2.90	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR12hr	5.66	6.2167	5.38	3.43	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR24hr	4.94	12.1667	5.83	3.84	1.3800	82.0	0.00	0.00
Offsite	002YR01HR	15.64	0.9333	1.39	0.29	33.2500	82.0	0.00	0.00
Offsite	002YR02HR	19.00	1.4000	1.62	0.41	33.2500	82.0	0.00	0.00
Offsite	002YR03HR	19.89	1.8833	1.72	0.47	33.2500	82.0	0.00	0.00
Offsite	002YR06HR	25.62	3.3667	2.06	0.69	33.2500	82.0	0.00	0.00
Offsite	002YR12HR	30.85	6.3167	2.45	0.96	33.2500	82.0	0.00	0.00
Offsite	002YR24HR	34.61	12.2500	2.90	1.30	33.2500	82.0	0.00	0.00
Offsite	010YR01HR	37.30	0.9000	2.02	0.66	33.2500	82.0	0.00	0.00
Offsite	010YR02HR	44.65	1.3833	2.38	0.91	33.2500	82.0	0.00	0.00
Offsite	010YR03HR	46.17	1.8667	2.53	1.02	33.2500	82.0	0.00	0.00
Offsite	010YR06HR	55.62	3.3500	3.04	1.41	33.2500	82.0	0.00	0.00
Offsite	010YR12HR	60.38	6.3000	3.54	1.82	33.2500	82.0	0.00	0.00
Offsite	010YR24HR	60.69	12.2333	4.06	2.26	33.2500	82.0	0.00	0.00
Offsite	1 1/4" 24hr	4.45	12.3000	1.25	0.22	33.2500	82.0	0.00	0.00
Offsite	100YR01hr	80.19	0.8833	3.01	1.39	33.2500	82.0	0.00	0.00
Offsite	100YR02hr	96.98	1.3667	3.65	1.91	33.2500	82.0	0.00	0.00
Offsite	100YR03hr	101.13	1.8667	3.94	2.16	33.2500	82.0	0.00	0.00
Offsite	100YR06hr	116.63	3.3333	4.79	2.90	33.2500	82.0	0.00	0.00
Offsite	100YR12hr	114.75	6.2833	5.38	3.43	33.2500	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
	r								
Offsite	100YR24hr	102.79	12.2333	5.83	3.84	33.2500	82.0	0.00	0.00
OffsiteSouth	002YR01HR	2.53	0.9500	1.39	0.15	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR02HR	3.26	1.4167	1.62	0.24	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR03HR	3.46	1.9000	1.72	0.28	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR06HR	4.88	3.3500	2.06	0.45	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR12HR	6.48	6.3000	2.45	0.67	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR24HR	7.98	12.2333	2.90	0.95	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR01HR	7.68	0.9000	2.02	0.42	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR02HR	9.59	1.3833	2.38	0.62	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR03HR	10.08	1.8667	2.53	0.71	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR06HR	13.01	3.3333	3.04	1.04	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR12HR	14.91	6.2833	3.54	1.40	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR24HR	15.69	12.2333	4.06	1.79	10.5600	76.0	0.00	0.00
OffsiteSouth	1 1/4" 24hr	0.38	12.3667	1.25	0.10	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR01hr	19.26	0.8667	3.01	1.02	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR02hr	24.38	1.3500	3.65	1.48	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR03hr	25.88	1.8500	3.94	1.70	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR06hr	31.33	3.3167	4.79	2.37	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR12hr	31.61	6.2667	5.38	2.86	10.5600	76.0	0.00	0.00
OffsiteSouth	100YR24hr	28.81	12.2167	5.83	3.24	10.5600	76.0	0.00	0.00
OnsiteLake2	002YR01HR	14.50	0.7667	1.39	0.41	15.8900	85.6	0.00	0.00
OnsiteLake2	002YR02HR	17.37	1.2500	1.62	0.56	15.8900	85.6	0.00	0.00
OnsiteLake2	002YR03HR	17.98	1.7500	1.72	0.63	15.8900	85.6	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
OnsiteLake2	002YR06HR	21.81	3.2167	2.06	0.87	15.8900	85.6	0.00	0.00
OnsiteLake2	002YR12HR	24.43	6.1833	2.45	1.18	15.8900	85.6	0.00	0.00
OnsiteLake2	002YR24HR	25.04	12.1333	2.90	1.55	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR01Hr	31.42	0.7500	2.02	0.84	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR02Hr	36.82	1.2500	2.38	1.12	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR03Hr	37.43	1.7333	2.53	1.24	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR06Hr	42.89	3.2167	3.04	1.67	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR12Hr	44.03	6.1667	3.54	2.10	15.8900	85.6	0.00	0.00
OnsiteLake2	010YR24Hr	41.24	12.1333	4.06	2.57	15.8900	85.6	0.00	0.00
OnsiteLake2	1 1/4" 24hr	4.72	12.1500	1.25	0.32	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR01hr	62.91	0.7500	3.01	1.64	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR02hr	73.68	1.2333	3.65	2.20	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR03hr	75.44	1.7333	3.94	2.46	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR06hr	83.57	3.2000	4.79	3.24	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR12hr	78.82	6.1667	5.38	3.79	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR24hr	66.47	12.1167	5.83	4.21	15.8900	85.6	0.00	0.00
Pond B Basin	002YR01HR	7.13	0.9833	1.39	0.29	16.4500	82.0	0.00	0.00
Pond B Basin	002YR02HR	8.61	1.4500	1.62	0.41	16.4500	82.0	0.00	0.00
Pond B Basin	002YR03HR	9.01	1.9500	1.72	0.47	16.4500	82.0	0.00	0.00
Pond B Basin	002YR06HR	11.60	3.4167	2.06	0.69	16.4500	82.0	0.00	0.00
Pond B Basin	002YR12HR	14.01	6.3667	2.45	0.96	16.4500	82.0	0.00	0.00
Pond B Basin	002YR24HR	15.85	12.3000	2.90	1.30	16.4500	82.0	0.00	0.00
Pond B Basin	010YR01Hr	16.88	0.9500	2.02	0.66	16.4500	82.0	0.00	0.00
Pond B Basin	010YR02HR	20.14	1.4333	2.38	0.91	16.4500	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
Basin	r								
Pond B Basin	010YR03Hr	20.83	1.9167	2.53	1.02	16.4500	82.0	0.00	0.00
Pond B Basin	010YR06Hr	25.16	3.4000	3.04	1.41	16.4500	82.0	0.00	0.00
Pond B Basin	010YR12Hr	27.44	6.3500	3.54	1.82	16.4500	82.0	0.00	0.00
Pond B Basin	010YR24Hr	27.86	12.2833	4.06	2.26	16.4500	82.0	0.00	0.00
Pond B Basin	1 1/4" 24hr	2.03	12.3667	1.25	0.22	16.4500	82.0	0.00	0.00
Pond B Basin	100YR01hr	36.14	0.9333	3.01	1.39	16.4500	82.0	0.00	0.00
Pond B Basin	100YR02hr	43.68	1.4167	3.65	1.91	16.4500	82.0	0.00	0.00
Pond B Basin	100YR03hr	45.60	1.9167	3.94	2.16	16.4500	82.0	0.00	0.00
Pond B Basin	100YR06hr	52.79	3.3833	4.79	2.90	16.4500	82.0	0.00	0.00
Pond B Basin	100YR12hr	52.20	6.3333	5.38	3.43	16.4500	82.0	0.00	0.00
Pond B Basin	100YR24hr	47.21	12.2833	5.83	3.84	16.4500	82.0	0.00	0.00
Pr-YI-Ex316	002YR01HR	1.72	0.7667	1.39	0.42	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR02HR	2.04	1.2500	1.62	0.57	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR03HR	2.12	1.7500	1.72	0.64	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR06HR	2.55	3.2167	2.06	0.90	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR12HR	2.85	6.1833	2.45	1.21	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR24HR	2.91	12.1333	2.90	1.58	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR01Hr	3.67	0.7667	2.02	0.87	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR02Hr	4.29	1.2500	2.38	1.15	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR03Hr	4.35	1.7500	2.53	1.27	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR06Hr	4.97	3.2167	3.04	1.70	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR12Hr	5.09	6.1833	3.54	2.14	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR24Hr	4.77	12.1333	4.06	2.61	1.8300	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
Pr-YI-Ex316	1 1/4" 24hr	0.57	12.1500	1.25	0.33	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR01hr	7.28	0.7500	3.01	1.67	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR02hr	8.51	1.2500	3.65	2.24	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR03hr	8.69	1.7333	3.94	2.50	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR06hr	9.60	3.2167	4.79	3.28	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR12hr	9.05	6.1667	5.38	3.83	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR24hr	7.65	12.1333	5.83	4.26	1.8300	86.0	0.00	0.00
Pr-YI-Ex317	002YR01HR	7.51	0.7500	1.39	0.44	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR02HR	8.95	1.2333	1.62	0.59	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR03HR	9.20	1.7167	1.72	0.66	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR06HR	11.03	3.2000	2.06	0.92	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR12HR	12.13	6.1667	2.45	1.23	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR24HR	12.18	12.1167	2.90	1.61	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR01HR	15.93	0.7333	2.02	0.89	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR02HR	18.48	1.2333	2.38	1.17	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR03HR	18.75	1.7167	2.53	1.30	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR06HR	21.23	3.1833	3.04	1.73	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR12HR	21.53	6.1500	3.54	2.17	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR24HR	19.79	12.1167	4.06	2.64	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	1 1/4" 24hr	2.46	12.1333	1.25	0.35	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR01hr	31.30	0.7333	3.01	1.71	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR02hr	36.43	1.2167	3.65	2.27	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR03hr	37.07	1.7167	3.94	2.53	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR06hr	40.79	3.1833	4.79	3.32	7.1600	86.4	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
7	r								
Pr-YI-Ex317	100YR12hr	38.03	6.1500	5.38	3.87	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR24hr	31.59	12.1167	5.83	4.30	7.1600	86.4	0.00	0.00
SMB - Direct Discharge	002YR01HR	15.19	0.7500	1.39	0.42	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR02HR	18.16	1.2333	1.62	0.57	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR03HR	18.71	1.7333	1.72	0.64	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR06HR	22.57	3.2000	2.06	0.90	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR12HR	24.97	6.1667	2.45	1.21	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR24HR	25.18	12.1167	2.90	1.58	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR01Hr	32.61	0.7333	2.02	0.87	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR02Hr	37.97	1.2333	2.38	1.15	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR03Hr	38.58	1.7167	2.53	1.27	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR06Hr	43.87	3.1833	3.04	1.70	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR12Hr	44.63	6.1500	3.54	2.14	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR24Hr	41.17	12.1167	4.06	2.61	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	1 1/4" 24hr	4.94	12.1333	1.25	0.33	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR01hr	64.66	0.7333	3.01	1.67	15.0800	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
SMB - Direct Discharge	100YR02hr	75.51	1.2167	3.65	2.24	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR03hr	76.97	1.7167	3.94	2.50	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR06hr	84.94	3.1833	4.79	3.28	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR12hr	79.33	6.1500	5.38	3.83	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR24hr	66.01	12.1167	5.83	4.26	15.0800	86.0	0.00	0.00
SouthFar mFieldF	002YR01HR	0.66	0.9333	1.39	0.15	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR02HR	0.85	1.4000	1.62	0.24	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR03HR	0.91	1.8833	1.72	0.28	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR06HR	1.28	3.3333	2.06	0.45	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR12HR	1.70	6.2833	2.45	0.67	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR24HR	2.09	12.2333	2.90	0.95	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR01hr	2.02	0.8833	2.02	0.42	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR02hr	2.53	1.3500	2.38	0.62	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR03hr	2.65	1.8500	2.53	0.71	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR06hr	3.42	3.3167	3.04	1.04	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR12hr	3.92	6.2667	3.54	1.40	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR24hr	4.11	12.2167	4.06	1.79	2.6900	76.0	0.00	0.00
SouthFar mFieldF	1 1/4" 24hr	0.10	12.3500	1.25	0.10	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR01hr	5.07	0.8500	3.01	1.02	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR02hr	6.43	1.3333	3.65	1.48	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR03hr	6.82	1.8333	3.94	1.70	2.6900	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
SouthFar mFieldF	100YR06h r	8.25	3.3000	4.79	2.37	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR12h r	8.31	6.2667	5.38	2.86	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR24h r	7.53	12.2000	5.83	3.24	2.6900	76.0	0.00	0.00
Sub405	002YR01H R	0.35	0.7000	1.39	0.20	0.6800	78.4	0.00	0.00
Sub405	002YR02H R	0.46	1.1833	1.62	0.30	0.6800	78.4	0.00	0.00
Sub405	002YR03H R	0.49	1.6667	1.72	0.35	0.6800	78.4	0.00	0.00
Sub405	002YR06H R	0.68	3.1500	2.06	0.53	0.6800	78.4	0.00	0.00
Sub405	002YR12H R	0.84	6.1167	2.45	0.78	0.6800	78.4	0.00	0.00
Sub405	002YR24H R	0.89	12.0667	2.90	1.08	0.6800	78.4	0.00	0.00
Sub405	010YR01H r	1.02	0.6833	2.02	0.51	0.6800	78.4	0.00	0.00
Sub405	010YR02H r	1.29	1.1667	2.38	0.73	0.6800	78.4	0.00	0.00
Sub405	010YR03H r	1.34	1.6500	2.53	0.83	0.6800	78.4	0.00	0.00
Sub405	010YR06H r	1.67	3.1333	3.04	1.18	0.6800	78.4	0.00	0.00
Sub405	010YR12H r	1.76	6.1000	3.54	1.56	0.6800	78.4	0.00	0.00
Sub405	010YR24H r	1.63	12.0667	4.06	1.97	0.6800	78.4	0.00	0.00
Sub405	1 1/4" 24hr	0.08	12.1167	1.25	0.14	0.6800	78.4	0.00	0.00
Sub405	100YR01h r	2.50	0.6667	3.01	1.16	0.6800	78.4	0.00	0.00
Sub405	100YR02h r	3.11	1.1667	3.65	1.64	0.6800	78.4	0.00	0.00
Sub405	100YR03h r	3.25	1.6500	3.94	1.87	0.6800	78.4	0.00	0.00
Sub405	100YR06h r	3.77	3.1333	4.79	2.57	0.6800	78.4	0.00	0.00
Sub405	100YR12h r	3.53	6.1000	5.38	3.08	0.6800	78.4	0.00	0.00
Sub405	100YR24h r	2.85	12.0667	5.83	3.47	0.6800	78.4	0.00	0.00
US-Str400	002YR01H R	1.18	0.6833	1.39	0.20	2.1600	78.7	0.00	0.00
US-Str400	002YR02H	1.55	1.1667	1.62	0.31	2.1600	78.7	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
	R								
US-Str400	002YR03H R	1.65	1.6667	1.72	0.36	2.1600	78.7	0.00	0.00
US-Str400	002YR06H R	2.27	3.1333	2.06	0.55	2.1600	78.7	0.00	0.00
US-Str400	002YR12H R	2.76	6.1000	2.45	0.79	2.1600	78.7	0.00	0.00
US-Str400	002YR24H R	2.90	12.0667	2.90	1.10	2.1600	78.7	0.00	0.00
US-Str400	010YR01H r	3.41	0.6667	2.02	0.52	2.1600	78.7	0.00	0.00
US-Str400	010YR02H r	4.28	1.1667	2.38	0.74	2.1600	78.7	0.00	0.00
US-Str400	010YR03H r	4.46	1.6500	2.53	0.84	2.1600	78.7	0.00	0.00
US-Str400	010YR06H r	5.51	3.1333	3.04	1.20	2.1600	78.7	0.00	0.00
US-Str400	010YR12H r	5.78	6.1000	3.54	1.58	2.1600	78.7	0.00	0.00
US-Str400	010YR24H r	5.29	12.0667	4.06	1.99	2.1600	78.7	0.00	0.00
US-Str400	1 1/4" 24hr	0.26	12.1000	1.25	0.15	2.1600	78.7	0.00	0.00
US-Str400	100YR01h r	8.25	0.6667	3.01	1.18	2.1600	78.7	0.00	0.00
US-Str400	100YR02h r	10.26	1.1500	3.65	1.66	2.1600	78.7	0.00	0.00
US-Str400	100YR03h r	10.68	1.6500	3.94	1.89	2.1600	78.7	0.00	0.00
US-Str400	100YR06h r	12.35	3.1167	4.79	2.60	2.1600	78.7	0.00	0.00
US-Str400	100YR12h r	11.46	6.1000	5.38	3.10	2.1600	78.7	0.00	0.00
US-Str400	100YR24h r	9.20	12.0667	5.83	3.50	2.1600	78.7	0.00	0.00

## Link Min/Max Conditions with Times [Section 4 Interim]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
400A-400	002YR01HR	0.88	0.00	0.01	2.68	3.93	1.6188	0.0000	0.7790	1.6607	1.6636

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
400A-400	002YR0 2HR	1.03	0.00	0.01	2.79	4.11	2.4320	0.0000	1.2493	2.4504	2.4417
400A-400	002YR0 3HR	1.08	0.00	0.01	2.83	4.17	3.3528	0.0000	1.7327	3.4062	3.4062
400A-400	002YR0 6HR	1.22	0.00	0.01	2.92	4.33	6.2059	0.0000	3.1633	6.2216	6.2059
400A-400	002YR1 2HR	1.49	0.00	0.01	3.09	4.60	8.9029	0.0000	6.0156	8.9580	8.9580
400A-400	002YR2 4HR	2.00	0.00	0.02	3.34	5.01	14.0067	0.0000	41.3309	14.0233	14.0882
400A-400	010YR0 1Hr	1.42	0.00	0.01	3.04	4.52	1.6591	0.0000	0.7082	1.6646	1.6591
400A-400	010YR0 2Hr	2.38	0.00	0.01	3.51	5.28	2.3878	0.0000	1.1767	2.4170	2.4170
400A-400	010YR0 3Hr	2.55	0.00	0.01	3.58	5.38	3.2626	0.0000	1.6519	3.2942	3.2942
400A-400	010YR0 6Hr	3.00	0.00	0.01	3.75	5.65	5.1056	0.0000	3.0327	5.0818	5.1254
400A-400	010YR1 2Hr	3.29	0.00	0.01	3.84	5.80	7.7796	0.0000	5.5811	7.7586	7.8009
400A-400	010YR2 4Hr	3.51	0.00	-0.02	3.92	5.91	13.7220	0.0000	44.7125	13.7575	13.7575
400A-400	1 1/4" 24hr	0.52	0.00	0.01	2.33	1.84	14.2937	0.0000	12.2745	14.4365	14.3279
400A-400	100YR0 1hr	3.48	0.00	0.01	3.91	5.89	1.5698	0.0000	0.6560	1.6070	1.6070
400A-400	100YR0 2hr	4.16	0.00	0.01	4.12	6.20	2.3770	0.0000	1.1035	2.3979	2.4086
400A-400	100YR0 3hr	4.76	0.00	0.01	4.28	6.45	3.2414	0.0000	1.5415	3.2653	3.2653
400A-400	100YR0 6hr	9.05	0.00	0.16	5.26	7.71	4.2387	0.0000	5.2596	4.2787	4.2746
400A-400	100YR1 2hr	10.29	0.00	0.16	5.51	7.98	7.0969	0.0000	8.2801	7.1087	7.1338
400A-400	100YR2 4hr	10.06	0.00	0.11	5.47	7.93	13.0184	0.0000	14.1440	13.0339	13.0339
401-NinevahRd	002YR0 1HR	1.24	0.00	0.01	1.92	2.97	0.9426	0.0000	1.0301	0.9430	0.9430
401-NinevahRd	002YR0 2HR	1.58	0.00	0.01	2.05	3.15	1.4045	0.0000	1.6377	1.4054	1.4054
401-NinevahRd	002YR0 3HR	1.68	0.00	0.01	2.08	3.20	1.8917	0.0000	2.1404	1.8920	1.8929
401-NinevahRd	002YR0 6HR	2.34	0.00	0.01	2.27	3.47	3.3562	0.0000	3.7477	3.3571	3.3571
401-NinevahRd	002YR1	3.08	0.00	0.01	2.43	3.80	6.2966	0.0000	6.3513	6.2975	6.2975

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
evahRd	2HR										
401-Nin evahRd	002YR2 4HR	3.79	0.00	-0.01	2.58	4.00	12.2244	0.0000	12.0962	12.2252	12.2252
401-Nin evahRd	010YR0 1Hr	3.66	0.00	-0.01	2.55	3.97	0.8898	0.0000	0.7554	0.8904	0.8904
401-Nin evahRd	010YR0 2Hr	4.54	0.00	0.01	2.72	4.24	1.3714	0.0000	1.4014	1.4015	1.3469
401-Nin evahRd	010YR0 3Hr	4.77	0.00	0.01	2.76	4.29	1.8584	0.0000	1.9406	1.8585	1.8589
401-Nin evahRd	010YR0 6Hr	6.09	0.00	-0.02	2.98	4.63	3.3435	0.0000	3.2321	3.3436	3.3436
401-Nin evahRd	010YR1 2Hr	6.99	0.00	-0.02	3.13	4.81	6.2901	0.0000	6.1510	6.2901	6.2902
401-Nin evahRd	010YR2 4Hr	7.35	0.00	0.02	3.18	4.92	12.2369	0.0000	12.2675	12.2111	12.2113
401-Nin evahRd	1 1/4" 24hr	0.21	0.00	0.00	1.26	1.80	12.3781	0.0000	12.1865	12.3804	12.3793
401-Nin evahRd	100YR0 1hr	8.86	0.00	-0.02	3.41	5.24	0.9023	0.0000	0.8192	0.9025	0.9025
401-Nin evahRd	100YR0 2hr	10.65	0.00	0.03	3.71	5.59	1.4005	0.0000	1.4623	1.4007	1.4007
401-Nin evahRd	100YR0 3hr	11.15	0.00	0.03	3.80	5.67	1.8907	0.0000	2.0013	1.8908	1.8908
401-Nin evahRd	100YR0 6hr	12.82	0.00	-0.04	4.14	6.01	3.3707	0.0000	3.4406	3.3708	3.4005
401-Nin evahRd	100YR1 2hr	12.90	0.00	-0.04	4.16	6.01	6.3291	0.0000	6.3741	6.3291	6.3741
401-Nin evahRd	100YR2 4hr	12.10	0.00	0.03	3.98	5.88	12.2679	0.0000	12.3518	12.2679	12.2681
403-401	002YR0 1HR	0.85	0.00	0.00	2.47	2.28	0.8964	0.0000	0.6438	0.9280	0.6911
403-401	002YR0 2HR	1.09	0.00	0.00	2.64	2.43	1.3602	0.0000	1.1190	1.3798	1.1679
403-401	002YR0 3HR	1.16	0.00	0.00	2.68	2.46	1.8511	0.0000	1.6578	1.8722	1.6573
403-401	002YR0 6HR	1.62	0.00	0.00	2.91	2.59	3.3168	0.0000	3.1030	3.3320	3.1176
403-401	002YR1 2HR	2.15	0.00	0.00	3.09	2.38	6.2462	0.0000	5.9738	6.2489	6.0278
403-401	002YR2 4HR	2.65	0.00	0.00	3.22	2.03	12.1868	0.0000	12.2933	12.1791	12.0743
403-401	010YR0 1Hr	2.53	0.00	0.00	3.19	2.81	0.8553	0.0000	0.6116	0.8496	0.6366
403-401	010YR0 2Hr	3.15	0.00	0.00	3.32	2.92	1.3365	0.0000	1.0913	1.3067	1.1192

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
403-401	010YR0 3Hr	3.30	0.00	0.01	3.34	2.93	1.8252	0.0000	1.5794	1.7865	1.6072
403-401	010YR0 6Hr	4.19	0.00	0.00	3.43	2.70	3.3224	0.0000	3.0293	3.2952	3.0556
403-401	010YR1 2Hr	4.82	0.00	0.00	3.49	2.39	6.2668	0.0000	6.4594	6.2064	6.0960
403-401	010YR2 4Hr	5.08	0.00	0.00	3.50	2.30	12.2114	0.0000	12.4195	12.1483	12.1518
403-401	1 1/4" 24hr	0.15	0.00	0.00	1.34	1.70	12.3273	0.0000	12.1270	12.4004	12.2145
403-401	100YR0 1hr	6.04	0.00	-0.01	3.54	3.24	0.8983	0.0000	0.5965	0.7387	0.6004
403-401	100YR0 2hr	7.16	0.00	-0.01	3.56	3.22	1.4206	0.0000	1.0720	1.1910	1.0743
403-401	100YR0 3hr	7.46	0.00	-0.01	3.57	2.95	1.9192	0.0000	2.2266	1.6725	1.5799
403-401	100YR0 6hr	8.45	0.00	-0.01	3.57	2.79	3.4319	0.0000	3.7847	3.1231	3.5181
403-401	100YR1 2hr	8.51	0.00	-0.01	3.56	2.80	6.3741	0.0000	6.7551	6.0728	6.4382
403-401	100YR2 4hr	8.05	0.00	-0.01	3.54	2.72	12.3086	0.0000	12.6482	12.0043	12.3654
405-403	002YR0 1HR	0.85	0.00	0.01	3.04	6.98	0.8765	0.0000	0.5936	0.8876	0.8843
405-403	002YR0 2HR	1.10	0.00	0.01	3.29	7.51	1.3421	0.0000	1.0751	1.3471	1.3563
405-403	002YR0 3HR	1.17	0.00	0.01	3.35	7.65	1.8381	0.0000	1.5654	1.8401	1.8416
405-403	002YR0 6HR	1.62	0.00	0.01	3.74	8.40	3.3021	0.0000	3.0257	3.3078	3.3078
405-403	002YR1 2HR	2.15	0.00	-0.03	4.15	9.10	6.2274	0.0000	6.1445	6.2285	6.2371
405-403	002YR2 4HR	2.66	0.00	0.04	4.54	9.65	12.1700	0.0000	12.2754	12.1707	12.1730
405-403	010YR0 1Hr	2.54	0.00	-0.04	4.45	9.56	0.8387	0.0000	0.7936	0.8394	0.7936
405-403	010YR0 2Hr	3.16	0.00	-0.04	4.92	10.11	1.3206	0.0000	1.1731	1.3216	1.3248
405-403	010YR0 3Hr	3.31	0.00	0.04	5.04	10.24	1.8086	0.0000	2.0066	1.8121	1.8141
405-403	010YR0 6Hr	4.20	0.00	-0.08	5.59	10.89	3.3046	0.0000	3.1813	3.1812	3.3046
405-403	010YR1 2Hr	4.84	0.00	-0.08	6.16	11.27	6.2485	0.0000	6.0965	6.2485	6.2485
405-403	010YR2	5.10	0.00	-0.08	6.49	11.41	12.1962	0.0000	12.0240	12.1962	12.2021

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	4Hr										
405-403	1 1/4" 24hr	0.14	0.00	-0.01	1.86	0.00	12.3034	0.0000	12.4337	12.4337	0.0000
405-403	100YR0 1hr	6.05	0.00	-0.08	7.70	11.86	0.8783	0.0000	0.6394	0.8783	0.8828
405-403	100YR0 2hr	7.16	0.00	-0.08	9.11	12.25	1.4012	0.0000	1.1028	1.4012	1.4072
405-403	100YR0 3hr	7.45	0.00	-0.08	9.49	12.32	1.9004	0.0000	1.5872	1.9004	1.9045
405-403	100YR0 6hr	8.43	0.00	-0.08	10.74	12.48	3.4035	0.0000	3.0417	3.4035	3.4145
405-403	100YR1 2hr	8.48	0.00	-0.08	10.80	12.48	6.3586	0.0000	5.9844	6.3586	6.3716
405-403	100YR2 4hr	8.04	0.00	-0.08	10.23	12.44	12.2855	0.0000	11.8990	12.2855	12.2955
461-462	002YR0 1HR	0.26	-0.09	0.00	1.55	2.11	1.8423	0.7741	0.8370	1.0170	1.8785
461-462	002YR0 2HR	0.45	-0.21	0.01	1.73	2.52	2.6436	1.2642	1.3137	2.5076	2.5856
461-462	002YR0 3HR	0.53	-0.23	0.01	1.84	2.59	3.4880	1.7682	1.8024	3.5655	2.9946
461-462	002YR0 6HR	0.82	-0.45	0.01	2.15	2.69	6.3372	3.2228	3.2658	6.4243	3.9932
461-462	002YR1 2HR	1.01	-0.54	0.01	2.29	2.78	12.1862	6.1629	6.2326	12.3460	6.7614
461-462	002YR2 4HR	1.15	-0.26	0.00	2.36	2.76	17.7706	12.0626	12.1957	18.1259	12.6566
461-462	010YR0 1Hr	0.88	-1.16	0.00	2.29	-3.14	1.7011	0.7401	0.9454	1.1785	0.7146
461-462	010YR0 2Hr	1.16	-1.73	0.01	2.38	-3.36	1.6039	1.3069	1.5163	1.7269	1.1895
461-462	010YR0 3Hr	1.24	-1.80	0.01	2.40	-3.36	3.4326	1.7964	2.0121	3.5483	1.6778
461-462	010YR0 6Hr	1.51	-2.28	0.00	-2.91	-3.40	6.3238	3.2670	3.5311	3.2670	3.1365
461-462	010YR1 2Hr	1.67	-2.36	0.00	-3.00	-3.00	12.1501	6.2261	6.4919	6.2261	6.2261
461-462	010YR2 4Hr	1.77	-2.10	0.00	-2.67	2.93	17.9318	12.1716	12.3922	12.1716	16.4799
461-462	1 1/4" 24hr	0.12	0.00	0.00	1.20	1.72	23.9795	0.0000	14.2990	23.9795	19.2884
461-462	100YR0 1hr	2.01	-3.03	0.01	-3.86	-4.08	1.3938	0.7290	1.2339	0.7290	0.6605
461-462	100YR0 2hr	2.13	-3.15	0.01	-4.01	-4.10	2.0964	1.1956	1.8852	1.1956	1.1333

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
461-462	100YR0 3hr	2.17	-3.14	0.01	-4.00	-4.00	2.6128	1.6839	2.3978	1.6839	1.6839
461-462	100YR0 6hr	2.42	-3.11	0.01	-3.96	-3.96	4.1448	3.1511	4.0002	3.1511	3.1511
461-462	100YR1 2hr	2.46	-2.91	0.01	-3.71	-3.71	7.0783	6.1055	6.9224	6.1055	6.1055
461-462	100YR2 4hr	2.42	-2.61	0.01	-3.32	-3.32	18.1242	12.0447	12.7192	12.0447	12.0447
462-463	002YR0 1HR	0.26	-0.59	0.01	1.43	-2.61	1.9028	0.6937	0.7740	1.1991	0.6759
462-463	002YR0 2HR	0.45	-0.72	0.01	1.65	-2.73	2.7017	1.1738	1.2642	2.7143	1.1552
462-463	002YR0 3HR	0.53	-0.73	0.01	1.73	-2.73	3.5626	1.6621	1.7552	3.6036	1.6427
462-463	002YR0 6HR	0.82	-0.83	0.03	1.95	2.99	6.3816	3.1280	3.2480	6.4437	6.1467
462-463	002YR1 2HR	1.01	-0.73	0.02	2.08	3.21	12.0369	6.1409	6.2306	11.8606	12.3460
462-463	002YR2 4HR	1.15	-0.59	0.02	2.18	3.26	17.4031	12.0627	12.1964	16.3731	24.3438
462-463	010YR0 1Hr	1.22	-1.56	0.01	2.01	-3.28	1.0610	0.7350	0.9485	1.2554	0.6381
462-463	010YR0 2Hr	1.51	-2.21	0.00	-2.82	-3.31	1.6122	1.2853	1.5163	1.2853	1.1152
462-463	010YR0 3Hr	1.57	-2.34	0.00	-2.97	3.33	2.1081	1.7725	2.0141	1.7725	3.8456
462-463	010YR0 6Hr	1.79	-3.14	0.00	-4.00	-4.00	3.6477	3.2324	3.4548	3.2324	3.2324
462-463	010YR1 2Hr	1.92	-3.28	0.00	-4.18	-4.18	6.6319	6.1878	6.4954	6.1878	6.1878
462-463	010YR2 4Hr	2.09	-2.90	0.00	-3.70	-3.70	12.4960	12.1336	43.0236	12.1336	12.1336
462-463	1 1/4" 24hr	0.12	-0.08	0.00	1.16	1.80	23.9970	12.1309	12.1845	23.9970	21.1418
462-463	100YR0 1hr	2.86	-4.87	0.03	-6.20	-6.20	1.3217	0.7082	1.2181	0.7082	0.7082
462-463	100YR0 2hr	2.91	-5.28	0.02	-6.72	-6.72	1.9937	1.1693	1.8751	1.1693	1.1693
462-463	100YR0 3hr	2.99	-5.31	0.02	-6.75	-6.75	2.5064	1.6563	2.3887	1.6563	1.6563
462-463	100YR0 6hr	3.32	-5.35	0.01	-6.81	-6.81	4.1037	3.1176	3.9958	3.1176	3.1176
462-463	100YR1 2hr	3.31	-4.93	0.01	-6.28	-6.28	7.0368	6.0752	6.9169	6.0752	6.0752
462-463	100YR2	3.17	-4.23	0.01	-5.38	-5.38	12.8500	12.0227	12.7144	12.0227	12.0227



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	4hr										
463-464	002YR0 1HR	1.16	0.00	0.00	1.88	2.76	0.7513	0.0000	0.7750	0.6328	0.6150
463-464	002YR0 2HR	1.30	0.00	0.00	1.88	2.70	1.3399	0.0000	1.2640	1.1097	1.0893
463-464	002YR0 3HR	1.33	0.00	0.00	1.83	2.51	1.8325	0.0000	1.7551	1.5948	1.5636
463-464	002YR0 6HR	1.56	0.00	0.01	1.80	2.24	3.3135	0.0000	3.2546	6.0616	6.7303
463-464	002YR1 2HR	1.67	0.00	0.01	1.89	2.31	6.3355	0.0000	6.2259	11.8867	11.7979
463-464	002YR2 4HR	1.89	0.00	0.00	1.95	2.36	12.3173	0.0000	12.1936	16.3964	17.4820
463-464	010YR0 1Hr	2.13	0.00	0.02	2.03	2.91	1.0368	0.0000	0.8557	0.5991	0.5834
463-464	010YR0 2Hr	2.43	-0.60	0.04	1.98	2.36	1.5450	1.2916	1.3419	2.0695	1.0322
463-464	010YR0 3Hr	2.49	-0.72	0.02	2.01	2.38	2.0420	1.7816	1.8318	3.0600	3.5728
463-464	010YR0 6Hr	2.91	-1.39	0.03	2.11	2.48	3.5649	3.2428	3.3092	6.0292	6.0226
463-464	010YR1 2Hr	3.12	-1.48	0.03	2.15	2.54	6.5449	6.1947	6.2706	9.9971	11.7815
463-464	010YR2 4Hr	3.29	-1.13	0.02	2.19	2.58	12.4797	12.1339	12.2176	16.3729	17.5146
463-464	1 1/4" 24hr	0.45	0.00	0.00	1.44	1.80	12.0961	0.0000	11.8289	12.0471	11.8883
463-464	100YR0 1hr	4.29	-1.94	-0.05	2.43	2.80	1.2586	0.7066	0.9433	1.2586	0.5439
463-464	100YR0 2hr	4.60	-2.10	-0.05	2.60	2.62	1.9073	1.1672	1.4143	1.9073	2.5860
463-464	100YR0 3hr	4.69	-2.28	0.06	2.65	2.65	2.4212	1.6542	1.9427	2.4212	3.5646
463-464	100YR0 6hr	5.09	-2.50	-0.04	2.88	2.88	4.0406	3.1151	3.3307	4.0406	4.0406
463-464	100YR1 2hr	5.02	-2.48	-0.06	2.84	2.84	6.9655	6.0728	6.2791	6.9655	6.9655
463-464	100YR2 4hr	4.80	-2.09	-0.06	2.72	2.77	12.7639	12.0209	12.2052	12.7639	17.4782
464-465	002YR0 1HR	2.26	0.00	0.00	1.84	2.01	0.7727	0.0000	0.6048	0.9091	1.4809
464-465	002YR0 2HR	2.47	0.00	0.00	1.86	2.36	1.2613	0.0000	1.4604	1.4571	2.4712
464-465	002YR0 3HR	2.48	0.00	0.00	1.86	2.43	1.7580	0.0000	1.9493	1.9541	3.3765

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
464-465	002YR0 6HR	2.83	0.00	0.00	1.88	2.72	3.2923	0.0000	3.4480	3.5115	6.3864
464-465	002YR1 2HR	2.92	0.00	0.00	1.92	2.86	6.2469	0.0000	6.2215	6.5160	12.4421
464-465	002YR2 4HR	2.99	0.00	0.00	1.98	2.90	12.2943	0.0000	12.4528	12.4807	24.4670
464-465	010YR0 1Hr	3.35	0.00	0.01	2.00	2.76	1.0097	0.0000	0.8533	1.1830	1.6387
464-465	010YR0 2Hr	3.78	0.00	0.01	2.05	2.95	1.5360	0.0000	1.3425	1.7284	2.9008
464-465	010YR0 3Hr	3.85	0.00	0.01	2.06	2.99	2.0325	0.0000	1.8307	2.2123	3.8732
464-465	010YR0 6Hr	4.23	0.00	0.01	2.12	3.12	3.5637	0.0000	3.3084	3.7350	6.8105
464-465	010YR1 2Hr	4.43	0.00	0.01	2.15	3.18	6.5424	0.0000	6.2687	6.7210	12.7619
464-465	010YR2 4Hr	4.60	0.00	0.01	2.19	3.18	12.4762	0.0000	12.2161	12.6353	24.6210
464-465	1 1/4" 24hr	0.83	0.00	0.00	1.64	1.90	12.1408	0.0000	11.9869	12.1442	11.8998
464-465	100YR0 1hr	6.75	-0.18	0.08	2.80	3.20	1.2326	0.7064	0.7069	1.2326	1.6122
464-465	100YR0 2hr	7.17	-0.68	0.09	2.98	3.29	1.8897	1.1671	1.1677	1.8897	2.9244
464-465	100YR0 3hr	7.27	-1.03	0.12	3.02	3.33	2.4038	1.6540	1.6544	2.4038	3.8950
464-465	100YR0 6hr	7.66	-1.70	0.14	3.18	3.41	4.0122	3.1149	3.1158	4.0122	6.8993
464-465	100YR1 2hr	7.49	-1.69	0.11	3.11	3.43	6.9360	6.0725	6.0736	6.9360	12.8470
464-465	100YR2 4hr	7.20	-1.03	0.07	2.99	3.42	12.7317	12.0207	12.0213	12.7317	24.7511
465-466	002YR0 1HR	5.48	0.00	0.01	3.08	3.69	0.7643	0.0000	0.5816	0.7171	0.6436
465-466	002YR0 2HR	6.31	0.00	-0.01	3.14	3.79	1.2501	0.0000	1.4604	1.1914	1.1242
465-466	002YR0 3HR	6.45	0.00	-0.01	3.14	3.74	1.7391	0.0000	1.9493	1.6771	1.6081
465-466	002YR0 6HR	7.40	0.00	-0.01	3.17	3.38	3.2111	0.0000	3.4248	3.1419	3.0551
465-466	002YR1 2HR	7.89	0.00	-0.01	3.16	3.08	6.1719	0.0000	6.2697	6.1035	6.0099
465-466	002YR2 4HR	8.01	0.00	-0.01	3.12	2.94	12.1346	0.0000	12.2086	12.0316	12.0208
465-466	010YR0	9.72	0.00	-0.01	3.34	4.07	0.7294	0.0000	0.9641	0.6557	0.6090

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	1Hr										
465-466	010YR0 2Hr	10.59	0.00	-0.01	3.37	3.91	1.2169	0.0000	1.5218	1.2169	1.0779
465-466	010YR0 3Hr	10.62	0.00	-0.01	3.38	3.55	1.7041	0.0000	2.0190	1.7041	1.5567
465-466	010YR0 6Hr	11.13	0.00	-0.01	3.54	3.54	3.1599	0.0000	3.5579	3.1599	3.1599
465-466	010YR1 2Hr	10.68	0.00	-0.01	3.40	3.40	6.1079	0.0000	6.5364	6.1079	6.1079
465-466	010YR2 4Hr	9.61	0.00	-0.01	3.15	3.07	12.0378	0.0000	12.4703	11.9730	12.0122
465-466	1 1/4" 24hr	1.92	0.00	0.01	2.46	2.84	12.1491	0.0000	11.9170	12.1793	12.0200
465-466	100YR0 1hr	15.16	-1.17	0.03	4.83	4.83	1.2015	0.7736	0.7861	1.2015	1.2015
465-466	100YR0 2hr	16.47	-2.62	0.04	5.24	5.24	1.8309	1.2164	1.2338	1.8309	1.8309
465-466	100YR0 3hr	16.70	-2.72	-0.05	5.32	5.32	2.3355	1.7010	1.6903	2.3355	2.3355
465-466	100YR0 6hr	17.43	-3.06	-0.06	5.55	5.55	3.9081	3.1565	3.1462	3.9081	3.9081
465-466	100YR1 2hr	17.00	-2.68	0.04	5.41	5.41	6.8371	6.1188	6.1360	6.8371	6.8371
465-466	100YR2 4hr	16.32	-0.63	0.03	5.20	5.20	12.6624	12.0873	12.0977	12.6624	12.6624
466-467	002YR0 1HR	6.07	0.00	0.01	2.85	3.49	0.7783	0.0000	0.6638	0.7088	0.6682
466-467	002YR0 2HR	7.02	0.00	-0.01	2.93	3.47	1.2640	0.0000	1.4604	1.1905	1.1520
466-467	002YR0 3HR	7.18	0.00	-0.01	2.93	3.39	1.7540	0.0000	1.9493	1.7109	1.6406
466-467	002YR0 6HR	8.25	0.00	-0.01	3.02	3.23	3.2231	0.0000	3.2596	3.1922	3.1691
466-467	002YR1 2HR	8.79	0.00	-0.01	3.06	3.23	6.1803	0.0000	6.2605	6.1560	6.1413
466-467	002YR2 4HR	8.82	0.00	-0.01	3.02	3.16	12.1352	0.0000	12.2230	12.1016	12.0874
466-467	010YR0 1Hr	10.91	0.00	-0.01	3.47	3.56	0.7346	0.0000	0.7872	0.7346	0.6468
466-467	010YR0 2Hr	11.80	0.00	0.01	3.76	3.76	1.2156	0.0000	1.1035	1.2156	1.2156
466-467	010YR0 3Hr	11.80	0.00	0.01	3.76	3.76	1.7026	0.0000	1.5855	1.7026	1.7026
466-467	010YR0 6Hr	12.19	0.00	0.01	3.88	3.88	3.1571	0.0000	3.0606	3.1571	3.1571

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
466-467	010YR1 2Hr	11.59	0.00	-0.01	3.69	3.69	6.1041	0.0000	6.1095	6.1041	6.1041
466-467	010YR2 4Hr	10.44	0.00	-0.01	3.32	3.34	12.0228	0.0000	12.0459	12.0228	12.0204
466-467	1 1/4" 24hr	2.13	0.00	0.00	2.26	2.65	12.1684	0.0000	12.0200	12.1534	12.0308
466-467	100YR0 1hr	16.02	0.00	0.03	5.10	5.10	1.2054	0.0000	0.9294	1.2054	1.2054
466-467	100YR0 2hr	17.18	-0.63	0.03	5.47	5.47	1.8328	1.2245	1.5438	1.8328	1.8328
466-467	100YR0 3hr	17.38	-0.76	0.03	5.53	5.53	2.3357	1.7091	2.0539	2.3357	2.3357
466-467	100YR0 6hr	18.04	-1.30	-0.03	5.74	5.74	3.6824	3.1626	3.6954	3.6824	3.6824
466-467	100YR1 2hr	17.61	-0.73	-0.03	5.60	5.60	6.8324	6.1275	6.6118	6.8324	6.8324
466-467	100YR2 4hr	17.00	0.00	0.03	5.41	5.41	12.6624	0.0000	12.3781	12.6624	12.6624
467-468	002YR0 1HR	6.24	0.00	0.01	2.33	2.60	0.7936	0.0000	0.6651	0.7711	0.6813
467-468	002YR0 2HR	7.19	0.00	-0.01	2.39	2.66	1.2771	0.0000	1.4604	1.2468	1.1584
467-468	002YR0 3HR	7.36	0.00	-0.01	2.40	2.66	1.7666	0.0000	1.9493	1.7329	1.6406
467-468	002YR0 6HR	8.44	0.00	-0.01	2.46	2.60	3.2316	0.0000	3.2908	3.1940	3.1154
467-468	002YR1 2HR	8.95	0.00	-0.01	2.49	2.60	6.1807	0.0000	6.2722	6.1367	6.1093
467-468	002YR2 4HR	8.92	0.00	-0.01	2.49	2.60	12.1269	0.0000	12.2268	12.0648	12.0475
467-468	010YR0 1Hr	10.98	0.00	-0.01	2.58	2.86	0.7385	0.0000	0.7845	0.7064	0.6362
467-468	010YR0 2Hr	11.78	0.00	-0.01	2.65	2.91	1.2114	0.0000	1.2362	1.1843	1.1025
467-468	010YR0 3Hr	11.76	0.00	-0.01	2.65	2.81	1.6982	0.0000	1.7214	1.6723	1.5895
467-468	010YR0 6Hr	12.12	0.00	-0.01	2.70	2.79	3.1528	0.0000	3.1670	3.1288	3.1283
467-468	010YR1 2Hr	11.72	0.00	-0.01	2.67	2.77	6.0981	0.0000	6.1148	6.0793	6.0568
467-468	010YR2 4Hr	10.72	0.00	-0.01	2.57	2.68	12.0234	0.0000	12.0451	11.9792	11.9641
467-468	1 1/4" 24hr	2.18	0.00	0.00	1.84	2.13	12.1870	0.0000	12.0440	12.1826	12.0767
467-468	100YR0	16.58	0.00	0.05	3.38	3.38	1.2102	0.0000	0.8444	1.2102	1.2102

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	1hr										
467-468	100YR0 2hr	17.68	-1.29	-0.05	3.60	3.60	1.8343	1.2254	1.2184	1.8343	1.8343
467-468	100YR0 3hr	17.86	-1.39	-0.04	3.64	3.64	2.3338	1.7099	1.7029	2.3338	2.3338
467-468	100YR0 6hr	18.72	-1.95	-0.05	3.81	3.81	3.6868	3.1710	3.1554	3.6868	3.6868
467-468	100YR1 2hr	18.03	-0.97	-0.03	3.67	3.67	6.8275	6.1323	6.1195	6.8275	6.8275
467-468	100YR2 4hr	17.47	0.00	0.03	3.56	3.56	12.6617	0.0000	12.2592	12.6617	12.6617
468-469	002YR0 1HR	7.86	0.00	0.01	2.77	3.12	0.8023	0.0000	0.6842	0.7949	0.7851
468-469	002YR0 2HR	9.06	0.00	-0.01	2.85	3.17	1.2839	0.0000	1.4604	1.2681	1.2544
468-469	002YR0 3HR	9.27	0.00	-0.01	2.87	3.18	1.7733	0.0000	1.9493	1.7556	1.7397
468-469	002YR0 6HR	10.57	0.00	-0.01	2.94	3.22	3.2350	0.0000	3.3104	3.2099	3.1940
468-469	002YR1 2HR	11.09	0.00	-0.01	2.96	3.25	6.1820	0.0000	6.2789	6.1476	6.1309
468-469	002YR2 4HR	10.89	0.00	-0.01	2.93	3.24	12.1277	0.0000	12.2290	12.0686	12.0456
468-469	010YR0 1Hr	13.73	0.00	-0.01	3.12	3.34	0.7405	0.0000	0.7678	0.7248	0.7136
468-469	010YR0 2Hr	14.65	0.00	-0.01	3.19	3.40	1.2109	0.0000	1.2210	1.1920	1.1871
468-469	010YR0 3Hr	14.56	0.00	-0.01	3.18	3.39	1.6974	0.0000	1.7067	1.6781	1.6741
468-469	010YR0 6Hr	14.77	0.00	-0.01	3.20	3.42	3.1516	0.0000	3.1628	3.1347	3.1297
468-469	010YR1 2Hr	14.05	0.00	-0.01	3.13	3.38	6.0967	0.0000	6.1037	6.0780	6.0622
468-469	010YR2 4Hr	13.25	0.00	-0.01	2.99	3.28	12.2839	0.0000	12.0352	11.9792	11.9536
468-469	1 1/4" 24hr	2.73	0.00	0.00	2.14	2.80	12.1990	0.0000	12.0440	12.2012	12.2562
468-469	100YR0 1hr	18.14	0.00	0.02	3.70	3.70	1.2062	0.0000	0.8337	1.2062	1.2062
468-469	100YR0 2hr	19.02	0.00	0.05	3.88	3.88	1.8113	0.0000	1.4665	1.8113	1.8113
468-469	100YR0 3hr	19.17	0.00	0.05	3.91	3.91	2.3065	0.0000	1.9744	2.3065	2.3065
468-469	100YR0 6hr	20.62	0.00	0.05	4.20	4.20	3.6873	0.0000	3.5295	3.6873	3.6873

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
468-469	100YR1 2hr	20.07	0.00	0.03	4.09	4.09	6.6049	0.0000	6.4527	6.6049	6.6049
468-469	100YR2 4hr	18.80	0.00	0.05	3.83	3.83	12.6290	0.0000	12.2995	12.6290	12.6290
469-471	002YR0 1HR	9.97	0.00	0.01	3.60	4.30	0.8012	0.0000	0.6985	0.7895	0.6949
469-471	002YR0 2HR	11.47	0.00	-0.01	3.69	4.41	1.2826	0.0000	1.4604	1.2611	1.1728
469-471	002YR0 3HR	11.71	0.00	-0.01	3.70	4.38	1.7715	0.0000	1.9493	1.7473	1.6561
469-471	002YR0 6HR	13.27	0.00	0.01	3.78	4.08	3.2316	0.0000	3.1012	3.2017	3.1319
469-471	002YR1 2HR	13.81	0.00	-0.01	3.78	3.99	6.1779	0.0000	6.2844	6.1397	6.1035
469-471	002YR2 4HR	13.39	0.00	-0.01	3.70	3.75	12.1257	0.0000	12.4481	12.0575	12.0225
469-471	010YR0 1Hr	17.35	0.00	-0.02	4.03	4.92	0.7386	0.0000	0.6444	0.7180	0.6539
469-471	010YR0 2Hr	18.55	0.00	-0.02	4.11	4.84	1.2092	0.0000	1.2284	1.1920	1.1237
469-471	010YR0 3Hr	18.38	0.00	-0.02	4.09	4.56	1.6949	0.0000	1.7138	1.6774	1.6407
469-471	010YR0 6Hr	18.46	0.00	-0.02	4.07	4.49	3.1509	0.0000	3.1626	3.1334	3.1115
469-471	010YR1 2Hr	17.33	0.00	-0.02	3.94	4.21	6.2857	0.0000	6.5405	6.0706	6.0482
469-471	010YR2 4Hr	17.06	0.00	-0.02	3.73	3.74	12.2299	0.0000	12.4726	11.9641	11.9411
469-471	1 1/4" 24hr	3.47	0.00	0.01	2.90	3.14	12.2006	0.0000	11.9448	12.2301	12.0594
469-471	100YR0 1hr	23.54	0.00	-0.02	4.80	5.39	0.6682	0.0000	0.6155	0.6682	0.6175
469-471	100YR0 2hr	23.27	0.00	-0.02	4.74	5.07	1.1367	0.0000	1.1401	1.1367	1.1185
469-471	100YR0 3hr	22.04	0.00	-0.01	4.49	4.87	1.6205	0.0000	1.6237	1.6205	1.6004
469-471	100YR0 6hr	23.19	0.00	0.01	4.72	4.72	3.6223	0.0000	3.4924	3.6223	3.6223
469-471	100YR1 2hr	22.73	0.00	-0.02	4.63	4.63	6.5419	0.0000	7.0119	6.5419	6.5419
469-471	100YR2 4hr	21.20	0.00	-0.02	4.32	4.32	12.4299	0.0000	12.8224	12.4299	12.4299
471-472	002YR0 1HR	9.60	0.00	0.01	2.74	4.02	0.8162	0.0000	0.6801	0.7711	0.7109
471-472	002YR0	10.91	0.00	-0.01	2.84	4.11	1.2956	0.0000	1.3707	1.2453	1.1876

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2HR										
471-472	002YR0 3HR	11.11	0.00	0.01	2.84	4.06	1.7814	0.0000	1.6397	1.7316	1.6704
471-472	002YR0 6HR	12.23	0.00	0.01	2.88	3.66	3.2392	0.0000	3.1113	3.1827	3.1032
471-472	002YR1 2HR	12.51	0.00	-0.01	2.83	3.43	6.1904	0.0000	6.5708	6.1189	6.0742
471-472	002YR2 4HR	12.65	0.00	-0.01	2.69	3.12	12.2576	0.0000	12.4528	12.0316	11.9806
471-472	010YR0 1Hr	15.09	0.00	0.03	3.15	4.51	0.7386	0.0000	0.6591	0.7031	0.6667
471-472	010YR0 2Hr	15.81	0.00	0.03	3.18	4.40	1.2062	0.0000	1.1307	1.1764	1.1351
471-472	010YR0 3Hr	15.63	0.00	0.02	3.13	4.06	1.8890	0.0000	1.8265	1.6602	1.6099
471-472	010YR0 6Hr	17.25	0.00	-0.01	3.01	3.67	3.3721	0.0000	3.1709	3.1138	3.0880
471-472	010YR1 2Hr	17.73	0.00	-0.02	2.86	3.38	6.3260	0.0000	6.1163	6.0449	6.0159
471-472	010YR2 4Hr	17.39	0.00	0.02	2.66	3.04	12.2696	0.0000	12.2128	11.9318	11.8578
471-472	1 1/4" 24hr	3.42	0.00	0.01	2.06	3.01	12.2259	0.0000	12.0948	12.2198	12.0856
471-472	100YR0 1hr	20.53	0.00	0.03	3.41	4.90	1.1283	0.0000	0.6144	0.6511	0.6283
471-472	100YR0 2hr	21.93	0.00	0.02	3.28	4.16	1.5971	0.0000	1.1455	1.1177	1.0981
471-472	100YR0 3hr	22.23	0.00	0.02	3.15	3.73	2.0558	0.0000	1.6290	2.0558	1.5799
471-472	100YR0 6hr	23.71	0.00	-0.02	3.35	3.35	3.6239	0.0000	3.0856	3.6239	3.6239
471-472	100YR1 2hr	23.25	0.00	0.02	3.29	3.29	6.5433	0.0000	6.4168	6.5433	6.5433
471-472	100YR2 4hr	21.81	0.00	0.02	3.09	3.09	12.4310	0.0000	12.2080	12.4310	12.4310
472-473	002YR0 1HR	9.24	0.00	0.01	2.77	4.04	0.8313	0.0000	0.6898	0.7530	0.7284
472-473	002YR0 2HR	10.35	0.00	0.01	2.85	4.09	1.3019	0.0000	1.2040	1.2276	1.2040
472-473	002YR0 3HR	10.49	0.00	0.01	2.84	4.06	1.7912	0.0000	1.6884	1.7137	1.6866
472-473	002YR0 6HR	11.41	0.00	0.01	2.80	3.66	3.2798	0.0000	3.1113	3.1671	3.1176
472-473	002YR1 2HR	12.37	0.00	0.01	2.69	3.11	6.3185	0.0000	6.2886	6.0980	6.0724

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
472-473	002YR2 4HR	12.93	0.00	0.02	2.53	2.86	12.2812	0.0000	12.2300	11.9922	11.9622
472-473	010YR0 1Hr	14.32	0.00	0.02	3.04	4.22	0.9700	0.0000	0.8538	0.6919	0.6754
472-473	010YR0 2Hr	15.89	0.00	0.03	3.04	4.18	1.4060	0.0000	1.2383	1.1636	1.1461
472-473	010YR0 3Hr	16.12	0.00	0.03	2.96	3.96	1.8996	0.0000	1.7235	1.6451	1.6213
472-473	010YR0 6Hr	17.84	0.00	0.03	2.73	3.16	3.3838	0.0000	3.1709	3.0966	3.0815
472-473	010YR1 2Hr	18.32	0.00	0.04	2.60	2.96	6.3464	0.0000	6.1163	6.0187	5.9986
472-473	010YR2 4Hr	17.91	0.00	0.02	2.53	2.83	12.2908	0.0000	12.2111	12.2908	11.8320
472-473	1 1/4" 24hr	3.37	0.00	0.01	2.16	3.10	12.2465	0.0000	12.0856	12.2134	12.1171
472-473	100YR0 1hr	21.04	0.00	0.07	2.98	3.67	1.1176	0.0000	0.6785	1.1176	0.6196
472-473	100YR0 2hr	22.49	0.00	0.08	3.18	3.72	1.5969	0.0000	1.1457	1.5969	1.0819
472-473	100YR0 3hr	22.83	0.00	0.08	3.23	3.23	2.0569	0.0000	1.6291	2.0569	2.0569
472-473	100YR0 6hr	24.22	0.00	0.07	3.43	3.43	3.6246	0.0000	3.0856	3.6246	3.6246
472-473	100YR1 2hr	23.77	0.00	0.04	3.36	3.36	6.5441	0.0000	6.0285	6.5441	6.5441
472-473	100YR2 4hr	22.42	0.00	0.02	3.17	3.17	12.4316	0.0000	12.2781	12.4316	12.4316
473-474	002YR0 1HR	9.07	-0.48	0.03	2.46	2.60	0.8756	0.6833	0.6930	0.7765	0.7593
473-474	002YR0 2HR	9.82	-0.52	0.03	2.46	2.57	1.3607	1.1610	1.1703	1.2425	1.2318
473-474	002YR0 3HR	10.02	-0.47	0.03	2.45	2.56	1.8565	1.6419	1.6518	1.7290	1.7165
473-474	002YR0 6HR	11.51	0.00	0.01	2.38	2.41	3.3684	0.0000	3.1375	3.1700	3.1627
473-474	002YR1 2HR	12.70	0.00	0.02	2.27	2.38	6.3374	0.0000	6.2844	6.0927	12.2543
473-474	002YR2 4HR	13.30	0.00	0.03	2.23	2.41	12.2897	0.0000	12.2294	11.9684	19.9937
473-474	010YR0 1Hr	14.72	-0.86	0.05	2.21	-2.43	0.9709	0.6457	0.6551	0.6991	0.6396
473-474	010YR0 2Hr	16.40	-0.67	0.02	2.32	2.43	1.4115	1.1099	1.1193	1.4115	3.1899
473-474	010YR0	16.64	-0.22	0.02	2.35	2.46	1.9037	1.5546	1.8229	1.9037	3.2838



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	3Hr										
473-474	010YR0 6Hr	18.47	0.00	0.02	2.61	2.61	3.3883	0.0000	3.2963	3.3883	3.3883
473-474	010YR1 2Hr	18.98	0.00	0.02	2.68	2.68	6.3543	0.0000	6.2579	6.3543	6.3543
473-474	010YR2 4Hr	18.49	0.00	0.02	2.62	2.62	12.3018	0.0000	12.2069	12.3018	12.3018
473-474	1 1/4" 24hr	3.34	0.00	0.01	2.07	2.30	12.2673	0.0000	12.1442	12.2737	12.2737
473-474	100YR0 1hr	21.57	-1.27	0.04	3.05	3.05	1.0996	0.6128	0.8647	1.0996	1.0996
473-474	100YR0 2hr	23.05	-0.09	0.07	3.26	3.26	1.5942	0.9759	1.4431	1.5942	1.5942
473-474	100YR0 3hr	23.44	-0.01	0.07	3.32	3.32	2.0588	1.2292	1.9472	2.0588	2.0588
473-474	100YR0 6hr	24.74	0.00	0.12	3.50	3.50	3.6248	0.0000	3.4858	3.6248	3.6248
473-474	100YR1 2hr	24.29	0.00	0.08	3.44	3.44	6.5442	0.0000	6.4148	6.5442	6.5442
473-474	100YR2 4hr	23.03	0.00	0.05	3.26	3.26	12.4316	0.0000	12.2786	12.4316	12.4316
474-504	002YR0 1HR	11.95	0.00	0.01	2.95	3.05	0.8747	0.0000	0.7500	0.7765	0.7626
474-504	002YR0 2HR	12.91	0.00	0.01	2.90	2.91	1.3572	0.0000	1.2262	1.2453	1.2369
474-504	002YR0 3HR	13.19	0.00	0.01	2.90	2.92	1.8505	0.0000	1.7109	1.7283	1.7194
474-504	002YR0 6HR	15.17	0.00	-0.01	2.86	2.96	3.3461	0.0000	3.5247	3.1580	3.1382
474-504	002YR1 2HR	16.63	0.00	0.01	2.79	2.93	6.3160	0.0000	6.2814	6.0704	6.0514
474-504	002YR2 4HR	17.19	0.00	0.01	2.76	2.92	12.2709	0.0000	12.2234	11.9392	11.9129
474-504	010YR0 1Hr	19.63	0.00	0.02	2.78	2.78	0.8851	0.0000	0.8480	0.8851	0.8851
474-504	010YR0 2Hr	22.09	0.00	0.01	3.12	3.12	1.3716	0.0000	1.1612	1.3716	1.3716
474-504	010YR0 3Hr	22.37	0.00	-0.01	3.16	3.16	1.8640	0.0000	2.2423	1.8640	1.8640
474-504	010YR0 6Hr	24.71	0.00	0.02	3.50	3.50	3.3445	0.0000	3.2921	3.3445	3.3445
474-504	010YR1 2Hr	25.29	0.00	-0.01	3.58	3.58	6.3078	0.0000	6.7632	6.3078	6.3078
474-504	010YR2 4Hr	24.46	0.00	-0.01	3.46	3.46	12.2609	0.0000	12.7282	12.2609	12.2609

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
474-504	1 1/4" 24hr	4.35	0.00	0.01	2.53	2.78	12.2693	0.0000	12.1442	12.2743	12.2670
474-504	100YR0 1hr	28.10	0.00	-0.02	3.98	3.98	0.9332	0.0000	0.8649	0.9332	0.9332
474-504	100YR0 2hr	31.96	0.00	-0.05	4.52	4.52	1.4346	0.0000	1.4431	1.4346	1.4346
474-504	100YR0 3hr	32.40	0.00	-0.05	4.58	4.58	1.9378	0.0000	1.9472	1.9378	1.9378
474-504	100YR0 6hr	34.21	0.00	-0.08	4.84	4.84	3.4697	0.0000	3.4858	3.4697	3.4697
474-504	100YR1 2hr	33.56	0.00	-0.06	4.75	4.75	6.4050	0.0000	6.4148	6.4050	6.4050
474-504	100YR2 4hr	30.04	0.00	-0.03	4.25	4.25	12.2743	0.0000	12.2786	12.2743	12.2743
501-569	002YR0 1HR	16.99	0.00	-0.02	2.53	3.02	0.8722	0.0000	1.0788	0.8722	0.6228
501-569	002YR0 2HR	18.16	0.00	-0.02	2.46	3.05	1.3662	0.0000	1.2823	1.2798	1.1006
501-569	002YR0 3HR	18.65	0.00	-0.02	2.44	3.00	1.8551	0.0000	1.8775	1.7607	1.5836
501-569	002YR0 6HR	21.98	0.00	-0.02	2.43	2.68	3.3296	0.0000	3.5247	3.3320	3.0346
501-569	002YR1 2HR	24.17	0.00	-0.02	2.55	2.55	6.2849	0.0000	6.7301	6.2922	5.9002
501-569	002YR2 4HR	24.95	0.00	-0.02	2.60	2.60	12.2333	0.0000	12.0192	12.2377	12.2355
501-569	010YR0 1Hr	30.10	0.00	0.02	3.13	3.13	0.8510	0.0000	0.7499	0.8510	0.8510
501-569	010YR0 2Hr	34.17	0.00	0.02	3.55	3.55	1.3365	0.0000	1.2111	1.3365	1.3365
501-569	010YR0 3Hr	34.61	0.00	0.02	3.60	3.60	1.8281	0.0000	1.6960	1.8281	1.8281
501-569	010YR0 6Hr	38.36	0.00	0.02	3.99	3.99	3.3032	0.0000	3.1450	3.3032	3.3032
501-569	010YR1 2Hr	39.09	0.00	0.02	4.06	4.06	6.2663	0.0000	7.1664	6.2663	6.2663
501-569	010YR2 4Hr	37.47	0.00	0.03	3.89	3.89	12.2150	0.0000	13.2364	12.2150	12.2150
501-569	1 1/4" 24hr	5.91	0.00	0.01	2.39	2.54	12.2865	0.0000	12.1489	12.2504	12.0511
501-569	100YR0 1hr	47.78	0.00	1.75	4.97	4.97	0.8339	0.0000	2.1512	0.8339	0.8339
501-569	100YR0 2hr	48.80	0.00	1.61	5.07	5.07	1.3471	0.0000	2.9531	1.3471	1.3471
501-569	100YR0	48.84	0.00	1.53	5.08	5.08	1.8449	0.0000	3.8007	1.8449	1.8449

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	3hr										
501-569	100YR0 6hr	51.12	0.00	1.07	5.31	5.31	3.3214	0.0000	6.8182	3.3214	3.3214
501-569	100YR1 2hr	49.08	0.00	-0.03	5.10	5.10	6.2583	0.0000	9.9369	6.2583	6.2583
501-569	100YR2 4hr	47.97	0.00	0.03	4.99	4.99	12.2658	0.0000	15.6043	12.2658	12.2658
503-501	002YR0 1HR	13.16	0.00	0.01	2.71	2.36	0.8838	0.0000	0.7626	0.8892	0.8870
503-501	002YR0 2HR	14.01	0.00	0.01	2.80	2.24	1.3836	0.0000	1.2362	2.2203	2.4798
503-501	002YR0 3HR	14.35	0.00	0.01	2.81	2.30	1.8749	0.0000	1.7194	2.7531	3.3640
503-501	002YR0 6HR	16.82	0.00	0.01	2.82	2.38	3.3622	0.0000	3.3274	4.3861	3.3648
503-501	002YR1 2HR	18.46	0.00	0.02	2.84	2.61	6.3256	0.0000	6.2059	5.9801	6.3256
503-501	002YR2 4HR	19.03	0.00	0.02	2.85	2.69	12.2659	0.0000	12.1242	11.8215	12.2659
503-501	010YR0 1Hr	22.21	0.00	0.02	3.14	3.14	0.8840	0.0000	0.8416	0.8840	0.8840
503-501	010YR0 2Hr	25.07	0.00	-0.02	3.55	3.55	1.3690	0.0000	1.6212	1.3690	1.3690
503-501	010YR0 3Hr	25.39	0.00	-0.02	3.59	3.59	1.8617	0.0000	2.1127	1.8617	1.8617
503-501	010YR0 6Hr	28.04	0.00	-0.02	3.97	3.97	3.3436	0.0000	3.6438	3.3436	3.3436
503-501	010YR1 2Hr	28.63	0.00	-0.02	4.05	4.05	6.3040	0.0000	6.6189	6.3040	6.3040
503-501	010YR2 4Hr	27.63	0.00	-0.02	3.91	3.91	12.2581	0.0000	12.5372	12.2581	12.2581
503-501	1 1/4" 24hr	4.74	0.00	0.01	3.09	2.41	12.2879	0.0000	12.1489	12.2620	12.2506
503-501	100YR0 1hr	32.77	-0.96	0.51	4.64	4.64	0.8649	0.6219	2.1518	0.8649	0.8649
503-501	100YR0 2hr	35.88	0.00	-0.12	5.08	5.08	1.4380	0.0000	2.9531	1.4380	1.4380
503-501	100YR0 3hr	36.20	0.00	-0.11	5.12	5.12	1.9419	0.0000	3.8007	1.9419	1.9419
503-501	100YR0 6hr	37.49	0.00	-0.07	5.30	5.30	3.4733	0.0000	6.6065	3.4733	3.4733
503-501	100YR1 2hr	37.20	0.00	0.03	5.26	5.26	6.4094	0.0000	6.2626	6.4094	6.4094
503-501	100YR2 4hr	34.50	0.00	-0.02	4.88	4.88	12.2780	0.0000	12.9446	12.2780	12.2780

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
504-503	002YR0 1HR	12.52	0.00	0.01	2.65	3.16	0.8815	0.0000	0.7500	0.8815	0.6567
504-503	002YR0 2HR	13.40	0.00	0.01	2.57	3.36	1.3737	0.0000	1.2318	1.2823	2.1678
504-503	002YR0 3HR	13.71	0.00	0.01	2.55	3.37	1.8657	0.0000	1.7151	1.7631	2.6676
504-503	002YR0 6HR	15.96	0.00	0.01	2.46	3.39	3.3531	0.0000	3.3324	3.1281	4.2118
504-503	002YR1 2HR	17.53	0.00	0.03	2.58	3.47	6.3258	0.0000	6.2807	6.0458	5.9801
504-503	002YR2 4HR	18.06	0.00	0.02	2.61	3.51	12.2689	0.0000	12.2176	11.9235	11.8087
504-503	010YR0 1Hr	20.87	0.00	0.03	2.95	3.23	0.8858	0.0000	0.8457	0.8858	0.6119
504-503	010YR0 2Hr	23.52	0.00	0.02	3.33	3.33	1.3712	0.0000	1.3222	1.3712	1.3712
504-503	010YR0 3Hr	23.82	0.00	0.02	3.37	3.37	1.8636	0.0000	1.8143	1.8636	1.8636
504-503	010YR0 6Hr	26.31	0.00	0.02	3.72	3.72	3.3450	0.0000	3.2882	3.3450	3.3450
504-503	010YR1 2Hr	26.89	0.00	0.02	3.80	3.80	6.3070	0.0000	6.2472	6.3070	6.3070
504-503	010YR2 4Hr	25.98	0.00	0.01	3.67	3.67	12.2598	0.0000	12.1988	12.2598	12.2598
504-503	1 1/4" 24hr	4.55	0.00	0.01	2.48	3.73	12.2773	0.0000	12.1489	12.2876	12.2087
504-503	100YR0 1hr	30.23	0.00	-0.05	4.28	4.28	0.8632	0.0000	2.1518	0.8632	0.8632
504-503	100YR0 2hr	33.83	0.00	0.02	4.79	4.79	1.4364	0.0000	1.2914	1.4364	1.4364
504-503	100YR0 3hr	34.21	0.00	-0.02	4.84	4.84	1.9398	0.0000	3.7011	1.9398	1.9398
504-503	100YR0 6hr	35.78	0.00	0.02	5.06	5.06	3.4718	0.0000	3.2768	3.4718	3.4718
504-503	100YR1 2hr	35.29	0.00	0.03	4.99	4.99	6.4073	0.0000	6.2308	6.4073	6.4073
504-503	100YR2 4hr	32.14	0.00	0.02	4.55	4.55	12.2762	0.0000	12.1584	12.2762	12.2762
512-Out let4	002YR0 1HR	1.73	0.00	-0.01	1.82	3.10	1.9017	0.0000	1.5779	1.9418	1.9418
512-Out let4	002YR0 2HR	5.94	0.00	-0.02	2.44	4.35	2.4520	0.0000	2.3195	2.4804	2.4829
512-Out let4	002YR0 3HR	7.31	0.00	0.03	2.58	4.61	3.2786	0.0000	3.6757	3.2844	3.2844
512-Out	002YR0	11.00	0.00	-0.04	2.94	5.19	4.5311	0.0000	3.9751	4.5380	4.5429

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
let4	6HR										
512-Out let4	002YR1 2HR	16.58	0.00	0.09	3.49	5.97	7.1965	0.0000	7.8446	7.1965	7.2034
512-Out let4	002YR2 4HR	21.92	0.00	-0.15	4.47	6.71	13.0884	0.0000	13.3679	13.0884	13.1156
512-Out let4	010YR0 1Hr	17.67	0.00	-0.08	3.63	6.15	1.7533	0.0000	1.8221	1.7533	1.7535
512-Out let4	010YR0 2Hr	24.37	0.00	-0.12	4.96	6.96	2.5148	0.0000	3.0769	2.5148	2.5866
512-Out let4	010YR0 3Hr	26.36	0.00	0.14	5.37	7.20	3.1710	0.0000	3.0470	3.1710	3.1711
512-Out let4	010YR0 6Hr	30.31	0.00	0.15	6.17	7.68	4.8296	0.0000	5.8450	4.8296	4.8296
512-Out let4	010YR1 2Hr	34.09	0.00	-0.17	6.95	8.17	7.4493	0.0000	7.9376	7.4493	7.4493
512-Out let4	010YR2 4Hr	38.01	0.00	-0.19	7.74	8.70	13.2136	0.0000	13.2718	13.2136	13.2457
512-Out let4	1 1/4" 24hr	0.76	0.00	0.00	1.50	2.49	20.4634	0.0000	13.2765	20.6401	20.6401
512-Out let4	100YR0 1hr	33.33	0.00	-0.17	6.79	8.07	1.6547	0.0000	2.3799	1.6547	1.7232
512-Out let4	100YR0 2hr	41.54	0.00	-0.15	8.46	9.20	2.3185	0.0000	3.1462	2.3185	2.4387
512-Out let4	100YR0 3hr	42.95	0.00	-0.17	8.75	9.44	3.1334	0.0000	3.7834	3.1334	3.1334
512-Out let4	100YR0 6hr	47.31	0.00	0.17	9.64	10.14	4.4453	0.0000	6.7407	4.4453	4.4453
512-Out let4	100YR1 2hr	48.52	0.00	-0.18	9.89	10.34	7.2583	0.0000	10.5773	7.2583	7.2583
512-Out let4	100YR2 4hr	49.11	0.00	-0.15	10.00	10.44	13.0472	0.0000	16.6115	13.0472	13.0624
515-514	002YR0 1HR	6.40	0.00	-0.04	2.56	4.28	0.8274	0.0000	2.9938	0.8275	0.8275
515-514	002YR0 2HR	7.63	-0.02	-0.82	2.70	4.49	1.3110	3.7415	2.1340	1.3111	1.3111
515-514	002YR0 3HR	7.87	0.00	-1.14	2.72	4.53	1.8014	3.7594	2.7746	1.8017	1.8017
515-514	002YR0 6HR	9.55	-0.01	-1.27	2.89	4.77	3.2680	7.9333	4.6634	3.2681	3.2683
515-514	002YR1 2HR	10.57	-0.01	-1.52	2.99	4.91	6.2243	13.3524	7.1118	6.2244	6.2244
515-514	002YR2 4HR	10.65	0.00	-1.87	3.05	4.92	12.1740	26.1804	13.1824	12.2242	12.1978
515-514	010YR0 1Hr	13.99	-0.29	0.90	3.27	5.36	0.7934	1.5111	1.9980	0.7934	0.7934

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
515-514	010YR0 2Hr	16.21	0.00	-1.86	3.45	5.59	1.2773	0.0000	1.9961	1.2775	1.2775
515-514	010YR0 3Hr	16.42	0.00	1.91	3.47	5.61	1.7682	0.0000	3.0856	1.7683	1.7683
515-514	010YR0 6Hr	18.58	0.00	-2.23	3.62	5.88	3.2408	8.6489	5.2758	3.2410	3.2410
515-514	010YR1 2Hr	18.79	-0.02	-2.39	3.63	5.90	6.2039	19.1484	7.1880	6.2039	6.2039
515-514	010YR2 4Hr	17.11	0.00	-2.52	3.58	4.84	12.1482	25.3660	12.9704	12.1290	12.0720
515-514	1 1/4" 24hr	1.98	0.00	0.01	1.82	3.11	12.2554	0.0000	12.1218	12.2562	12.2562
515-514	100YR0 1hr	28.43	0.00	1.14	4.36	6.73	0.7575	0.0000	2.9174	0.7575	0.7577
515-514	100YR0 2hr	33.36	0.00	2.42	4.79	7.20	1.2378	0.0000	2.0787	1.2379	1.2568
515-514	100YR0 3hr	33.93	0.00	2.52	4.85	7.24	1.7288	7.8323	2.6074	1.7289	1.7459
515-514	100YR0 6hr	36.94	-0.01	-2.59	5.23	7.49	3.2083	10.7528	4.9490	3.2083	3.2216
515-514	100YR1 2hr	34.78	-0.02	2.57	4.99	7.21	6.1706	14.7952	7.5289	6.1748	6.1402
515-514	100YR2 4hr	27.61	0.00	2.57	4.05	4.42	12.1197	0.0000	13.5215	12.1044	12.0948
516-515	002YR0 1HR	0.00	-6.42	0.05	-2.32	-3.67	0.0000	0.8158	2.3303	0.8074	0.7115
516-515	002YR0 2HR	0.00	-7.65	-0.75	-2.45	-3.75	2.8169	1.3004	2.2532	1.2895	1.1883
516-515	002YR0 3HR	0.00	-7.90	1.19	-2.48	-3.71	3.2502	1.7910	3.1851	1.7839	1.6715
516-515	002YR0 6HR	0.00	-9.58	1.45	-2.64	-3.48	6.2081	3.2581	4.8678	3.2494	3.1173
516-515	002YR1 2HR	0.00	-10.60	1.71	-2.72	-3.44	9.3283	6.2147	7.9221	6.2066	6.1726
516-515	002YR2 4HR	0.00	-10.67	2.03	-2.73	-3.43	55.1469	12.1653	13.1597	12.1575	12.1315
516-515	010YR0 1Hr	0.23	-14.02	1.10	-2.99	-4.15	1.5197	0.7851	1.9645	0.7769	0.6676
516-515	010YR0 2Hr	0.00	-16.24	2.09	-3.16	-4.04	2.1928	1.2698	2.1764	1.2627	1.1370
516-515	010YR0 3Hr	0.00	-16.45	2.40	-3.17	-3.82	7.4580	1.7606	2.8735	1.7538	1.7344
516-515	010YR0 6Hr	0.00	-18.61	2.56	-3.32	-3.96	4.7039	3.2341	4.6628	3.2275	3.2033
516-515	010YR1	0.04	-18.82	2.85	-3.34	-3.96	17.2838	6.1966	7.4531	6.1901	6.1592

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2Hr										
516-515	010YR2 4Hr	0.01	-17.27	3.05	-3.27	-3.98	25.6540	12.1462	13.1238	12.1336	12.1176
516-515	1 1/4" 24hr	0.00	-1.99	-0.01	-1.58	-2.86	0.0000	12.2379	20.3223	12.2390	12.1105
516-515	100YR0 1hr	0.00	-28.47	1.55	-4.10	-4.59	2.1568	0.7518	2.8947	0.7498	0.7415
516-515	100YR0 2hr	0.00	-33.40	-2.81	-4.73	-4.95	2.2922	1.2314	2.1034	1.2314	1.2233
516-515	100YR0 3hr	0.01	-33.97	3.29	-4.81	-5.00	8.9700	1.7221	3.1708	1.7221	1.7171
516-515	100YR0 6hr	0.02	-36.96	-3.70	-5.23	-5.28	11.2402	3.2036	4.9490	3.2036	3.2017
516-515	100YR1 2hr	0.00	-34.66	-3.78	-4.90	-5.11	15.7452	6.1682	7.5868	6.1682	6.1742
516-515	100YR2 4hr	0.00	-27.97	-3.78	-3.96	-4.29	13.5266	12.1160	13.5014	12.1120	12.0948
517-516	002YR0 1HR	0.00	-6.50	-0.02	-2.05	-3.80	0.0000	0.7986	2.3250	0.7895	0.7019
517-516	002YR0 2HR	0.00	-7.73	-0.26	-2.19	-3.88	0.0000	1.2843	2.2536	1.2736	1.1791
517-516	002YR0 3HR	0.00	-7.98	-0.55	-2.21	-3.86	0.0000	1.7763	3.2502	1.7667	1.6638
517-516	002YR0 6HR	0.00	-9.67	-0.72	-2.38	-3.79	0.0000	3.2437	5.4512	3.2326	3.1182
517-516	002YR1 2HR	0.00	-10.68	-0.90	-2.47	-3.68	0.0000	6.2007	7.8161	6.1882	6.0550
517-516	002YR2 4HR	0.00	-10.73	-1.25	-2.47	-3.51	0.0000	12.1516	13.2525	12.1391	12.0816
517-516	010YR0 1Hr	0.16	-14.14	-0.43	-2.75	-4.29	1.5375	0.7715	1.9645	0.7560	0.6576
517-516	010YR0 2Hr	0.00	-16.35	-1.07	-2.91	-4.23	0.0000	1.2575	2.1928	1.2447	1.1289
517-516	010YR0 3Hr	0.00	-16.55	-1.18	-2.92	-4.08	0.0000	1.7486	2.8735	1.7358	1.6199
517-516	010YR0 6Hr	0.00	-18.72	-1.49	-3.08	-4.03	0.0000	3.2219	4.3043	3.2073	3.1247
517-516	010YR1 2Hr	0.00	-18.91	1.73	-3.09	-3.92	17.7403	6.1855	7.5098	6.1750	6.1016
517-516	010YR2 4Hr	0.00	-17.39	2.09	-2.99	-3.85	30.1218	12.1390	13.6246	12.1290	12.1002
517-516	1 1/4" 24hr	0.00	-2.01	0.00	-1.27	-3.09	0.0000	12.2162	20.7506	12.2240	12.1759
517-516	100YR0 1hr	0.00	-28.62	-0.63	-4.05	-4.66	0.0000	0.7418	2.9174	0.7418	0.6204

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
517-516	100YR0 2hr	0.00	-33.48	-1.42	-4.74	-4.78	0.0000	1.2256	2.2922	1.2256	1.2221
517-516	100YR0 3hr	0.00	-34.03	1.86	-4.81	-4.84	0.0000	1.7181	3.1628	1.7181	1.7158
517-516	100YR0 6hr	0.00	-37.01	-2.44	-5.24	-5.24	32.6262	3.1996	4.6940	3.1996	3.1996
517-516	100YR1 2hr	0.00	-34.60	-3.20	-4.89	-4.91	42.1073	6.1646	7.6781	6.1646	6.1664
517-516	100YR2 4hr	0.00	-28.24	-2.54	-3.99	-4.24	0.0000	12.1137	15.0980	12.1137	12.0873
521-517	002YR0 1HR	0.00	-5.54	0.00	-1.37	-4.10	0.0000	0.7869	0.6842	0.7872	0.7876
521-517	002YR0 2HR	0.00	-6.63	0.03	-1.51	-4.31	0.0000	1.2712	2.9434	1.2719	1.2722
521-517	002YR0 3HR	0.00	-6.85	-0.03	-1.54	-4.35	0.0000	1.7671	3.3550	1.7715	1.7584
521-517	002YR0 6HR	0.00	-8.39	0.05	-1.73	-4.51	0.0000	3.2291	6.2081	3.2331	3.1887
521-517	002YR1 2HR	0.00	-9.29	-0.04	-1.83	-4.56	0.0000	6.1855	7.8117	6.1865	6.1268
521-517	002YR2 4HR	0.00	-9.34	-0.13	-1.83	-4.52	0.0000	12.1374	13.2533	12.1379	12.0575
521-517	010YR0 1Hr	0.07	-12.20	-0.07	-2.11	-4.73	1.6084	0.7575	2.0693	0.7529	0.6842
521-517	010YR0 2Hr	0.00	-14.13	-0.17	-2.28	-4.80	0.0000	1.2441	2.3245	1.2370	1.1579
521-517	010YR0 3Hr	0.00	-14.32	0.20	-2.29	-4.80	0.0000	1.7354	3.3203	1.7281	1.6454
521-517	010YR0 6Hr	0.00	-16.25	0.41	-2.46	-4.82	0.0000	3.2095	4.6963	3.2035	3.1045
521-517	010YR1 2Hr	0.00	-16.46	-0.66	-2.48	-4.73	0.0000	6.1732	7.5147	6.1686	6.0451
521-517	010YR2 4Hr	0.00	-15.16	-0.89	-2.37	-4.60	0.0000	12.1303	13.6246	12.1246	11.9595
521-517	1 1/4" 24hr	0.00	-1.68	0.00	-0.70	-2.98	0.0000	12.1940	12.0594	12.1940	12.1951
521-517	100YR0 1hr	0.00	-24.68	-0.13	-3.49	-5.06	0.0000	0.7339	3.0002	0.7339	0.6300
521-517	100YR0 2hr	0.00	-28.77	0.41	-4.07	-5.03	0.0000	1.2235	2.2903	1.2235	1.1017
521-517	100YR0 3hr	0.00	-29.29	-0.88	-4.14	-4.98	0.0000	1.7173	3.2377	1.7173	1.5856
521-517	100YR0 6hr	0.00	-32.00	-1.42	-4.53	-4.89	0.0000	3.1987	5.1622	3.1987	3.0420
521-517	100YR1	0.00	-29.93	-2.14	-4.23	-4.76	0.0000	6.1631	7.6784	6.1631	5.9733



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2hr										
521-517	100YR2 4hr	0.00	-24.70	1.42	-3.49	-4.23	0.0000	12.1085	13.5395	12.1085	11.7948
522-521	002YR0 1HR	0.67	-1.10	-0.01	1.12	-1.94	0.6607	0.8386	0.6827	0.6491	1.2829
522-521	002YR0 2HR	0.77	-1.37	-0.01	1.19	-1.87	1.1401	1.3207	1.1623	1.1290	2.0475
522-521	002YR0 3HR	0.77	-1.44	-0.01	1.20	-1.88	1.6261	1.8130	1.6481	1.6145	2.5212
522-521	002YR0 6HR	0.62	-1.82	-0.01	1.07	-1.42	3.0761	3.2836	3.2294	3.0592	3.8074
522-521	002YR1 2HR	0.15	-2.10	-0.01	-0.75	-1.35	5.9734	6.2348	6.1870	6.2912	11.7248
522-521	002YR2 4HR	0.00	-2.22	-0.02	-0.78	-1.57	0.0000	12.1837	13.2541	12.2442	11.6690
522-521	010YR0 1Hr	1.11	-2.67	-0.01	1.29	-1.27	0.6210	0.8170	0.7673	0.6108	1.2262
522-521	010YR0 2Hr	1.07	-3.19	-0.03	1.30	-1.09	1.0958	1.3018	2.3243	1.0835	1.6339
522-521	010YR0 3Hr	0.86	-3.27	-0.02	1.20	-1.10	1.5756	1.7953	3.3176	1.5597	2.1023
522-521	010YR0 6Hr	0.16	-3.84	-0.07	-0.92	-1.11	3.0131	3.2620	4.5760	3.3017	3.4524
522-521	010YR1 2Hr	0.00	-4.02	0.13	-0.94	-1.55	0.0000	6.2196	7.5147	6.2839	5.6109
522-521	010YR2 4Hr	0.00	-3.83	-0.18	-0.93	-1.72	0.0000	12.1695	13.0845	12.2048	11.4339
522-521	1 1/4" 24hr	0.11	-0.28	0.00	0.54	-1.73	12.0840	12.2798	12.1141	12.0679	12.4356
522-521	100YR0 1hr	1.40	-5.65	-0.02	1.38	-1.15	0.5863	0.7930	2.9377	0.5757	0.7941
522-521	100YR0 2hr	0.74	-6.93	-0.07	-1.41	-1.41	1.0410	1.2622	2.2624	1.2622	1.2622
522-521	100YR0 3hr	0.15	-7.20	0.14	-1.47	-1.47	1.5232	1.7565	3.1628	1.7565	1.7565
522-521	100YR0 6hr	0.00	-8.30	0.58	-1.69	-1.69	0.0000	3.2564	4.5095	3.2564	3.2564
522-521	100YR1 2hr	0.00	-7.84	1.00	-1.60	-1.67	0.0000	6.1919	7.2641	6.1919	5.0758
522-521	100YR2 4hr	0.00	-6.42	0.55	-1.31	-1.77	0.0000	12.1390	13.5047	12.1390	10.7926
539-Lake4	002YR0 1HR	36.93	0.00	-0.55	3.37	6.33	0.8568	0.0000	2.2829	0.9361	0.8341
539-Lake4	002YR0 2HR	46.49	0.00	-0.63	3.61	6.78	1.3928	0.0000	2.9018	1.3935	1.3945

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
539-Lake4	002YR0 3HR	47.71	0.00	-0.82	3.64	6.82	1.8808	0.0000	3.8524	1.8811	1.8811
539-Lake4	002YR0 6HR	55.07	0.00	-0.80	3.84	7.08	3.3236	0.0000	6.9826	3.3240	3.3248
539-Lake4	002YR1 2HR	59.82	0.00	-0.54	3.94	7.31	6.2648	0.0000	13.5374	6.2651	6.2653
539-Lake4	002YR2 4HR	61.97	0.00	-0.48	4.00	7.37	12.2023	0.0000	27.9463	12.2025	12.2027
539-Lake4	010YR0 1Hr	70.35	0.00	0.99	4.20	7.70	0.8285	0.0000	2.2415	0.8286	0.8287
539-Lake4	010YR0 2Hr	78.06	0.00	-1.07	4.41	7.91	1.2985	0.0000	3.0808	1.2985	1.2992
539-Lake4	010YR0 3Hr	78.98	0.00	-1.09	4.43	7.93	1.7877	0.0000	4.2643	1.7879	1.7880
539-Lake4	010YR0 6Hr	85.83	0.00	-0.40	4.62	8.18	3.2542	0.0000	7.6282	3.2542	3.2544
539-Lake4	010YR1 2Hr	87.37	0.00	-0.39	4.66	8.32	6.2059	0.0000	6.2060	6.2059	6.2060
539-Lake4	010YR2 4Hr	84.93	0.00	-0.40	4.59	8.16	12.1642	0.0000	44.7313	12.1643	12.1645
539-Lake4	1 1/4" 24hr	13.23	0.00	0.04	2.54	4.75	12.3331	0.0000	12.5440	12.3337	12.3337
539-Lake4	100YR0 1hr	105.84	0.00	0.93	5.39	8.86	0.7826	0.0000	2.9410	0.7826	0.8046
539-Lake4	100YR0 2hr	112.09	0.00	0.76	5.71	9.07	1.2444	0.0000	4.1714	1.2444	1.2444
539-Lake4	100YR0 3hr	113.42	0.00	0.47	5.78	9.14	1.7293	0.0000	1.7393	1.7293	1.7172
539-Lake4	100YR0 6hr	117.50	0.00	0.47	5.98	9.24	3.1971	0.0000	3.1549	3.1971	3.1971
539-Lake4	100YR1 2hr	115.41	0.00	0.72	5.88	9.17	6.1676	0.0000	6.1569	6.1676	6.1631
539-Lake4	100YR2 4hr	110.29	0.00	0.50	5.62	9.01	12.1275	0.0000	12.1413	12.1275	12.1393
540-539	002YR0 1HR	36.92	0.00	-0.86	3.33	3.99	0.8322	2.6912	2.2582	0.8265	0.6313
540-539	002YR0 2HR	46.24	0.00	1.18	3.50	3.97	1.3834	4.9140	2.8962	1.3236	1.1087
540-539	002YR0 3HR	47.45	0.00	1.44	3.53	3.77	1.8731	0.0000	3.8205	1.8578	1.7993
540-539	002YR0 6HR	54.72	0.00	1.42	3.71	3.95	3.3152	0.0000	6.8357	3.2979	3.2932
540-539	002YR1 2HR	59.40	0.00	1.15	3.81	4.05	6.2579	0.0000	13.5374	6.2166	6.2166
540-539	002YR2	61.51	0.00	1.02	3.86	4.09	12.1964	0.0000	25.7254	12.1859	12.1859

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	4HR										
540-539	010YR0 1Hr	69.76	0.00	-2.04	4.05	4.33	0.8214	0.0000	2.2415	0.8106	0.6001
540-539	010YR0 2Hr	77.34	0.00	2.40	4.25	4.47	1.2920	0.0000	3.0808	1.2861	1.2847
540-539	010YR0 3Hr	78.24	0.00	2.17	4.28	4.49	1.7823	0.0000	4.2643	1.7769	1.7724
540-539	010YR0 6Hr	84.94	0.00	1.25	4.46	4.65	3.2494	0.0000	7.6282	3.2468	3.2442
540-539	010YR1 2Hr	86.50	0.00	0.56	4.51	4.69	6.2058	0.0000	20.2033	6.2042	6.2020
540-539	010YR2 4Hr	84.08	0.00	0.76	4.44	4.62	12.1589	0.0000	44.7313	12.1548	12.1526
540-539	1 1/4" 24hr	13.18	0.00	0.02	2.55	2.79	12.3187	0.0000	12.0902	12.2879	12.2723
540-539	100YR0 1hr	104.47	0.00	-2.40	5.32	5.32	0.7792	0.0000	2.9410	0.7792	0.7792
540-539	100YR0 2hr	110.30	0.00	-2.45	5.62	5.62	1.2400	0.0000	4.1714	1.2400	1.2400
540-539	100YR0 3hr	111.55	0.00	-0.71	5.68	5.68	1.7266	0.0000	5.2913	1.7266	1.7266
540-539	100YR0 6hr	115.45	0.00	-1.66	5.88	5.88	3.1943	0.0000	7.4865	3.1943	3.1943
540-539	100YR1 2hr	113.18	0.00	-0.71	5.76	5.76	6.1639	0.0000	32.4602	6.1639	6.1639
540-539	100YR2 4hr	108.80	0.00	-0.06	5.54	5.54	12.1240	0.0000	12.1787	12.1240	12.1240
541-540	002YR0 1HR	37.18	0.00	0.21	3.32	3.70	0.8268	0.0000	2.6912	0.8253	0.6083
541-540	002YR0 2HR	46.01	0.00	0.36	3.47	3.70	1.3765	0.0000	3.4376	1.3000	1.2976
541-540	002YR0 3HR	47.21	0.00	0.38	3.49	3.72	1.8643	0.0000	4.1707	1.7864	1.7784
541-540	002YR0 6HR	54.41	0.00	0.30	3.64	3.83	3.3084	0.0000	6.9840	3.2834	3.2783
541-540	002YR1 2HR	59.01	0.00	-0.13	3.73	3.93	6.2519	0.0000	13.5374	6.2168	6.2160
541-540	002YR2 4HR	61.06	0.00	-0.10	3.76	3.95	12.1892	0.0000	25.7254	12.1731	12.1658
541-540	010YR0 1Hr	69.23	0.00	0.95	3.95	4.15	0.8147	0.0000	2.2415	0.7777	0.7777
541-540	010YR0 2Hr	76.66	0.00	1.25	4.13	4.32	1.2864	0.0000	3.0813	1.2796	1.2529
541-540	010YR0 3Hr	77.52	0.00	0.99	4.16	4.33	1.7770	0.0000	4.2612	1.7674	1.7622

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
541-540	010YR0 6Hr	84.05	0.00	-0.19	4.34	4.48	3.2460	0.0000	7.6282	3.2400	3.2346
541-540	010YR1 2Hr	85.58	0.00	0.04	4.39	4.53	6.2032	0.0000	20.1815	6.2010	6.2003
541-540	010YR2 4Hr	83.24	0.00	-0.05	4.31	4.46	12.1540	0.0000	44.7313	12.1508	12.1503
541-540	1 1/4" 24hr	13.14	0.00	0.01	2.58	2.85	12.3081	0.0000	12.0200	12.2726	12.0511
541-540	100YR0 1hr	103.06	0.00	1.44	5.25	5.25	0.7778	0.0000	2.9410	0.7778	0.7778
541-540	100YR0 2hr	108.55	0.00	1.30	5.53	5.53	1.2347	0.0000	4.1714	1.2347	1.2347
541-540	100YR0 3hr	109.70	0.00	0.17	5.59	5.59	1.7258	0.0000	5.1514	1.7258	1.7258
541-540	100YR0 6hr	113.44	0.00	0.60	5.78	5.78	3.1853	0.0000	7.3839	3.1853	3.1853
541-540	100YR1 2hr	111.35	0.00	0.07	5.67	5.67	6.1627	0.0000	22.5904	6.1627	6.1627
541-540	100YR2 4hr	107.33	0.00	-0.05	5.47	5.47	12.1210	0.0000	15.7903	12.1210	12.1210
549-541	002YR0 1HR	32.15	0.00	0.07	3.15	3.32	1.0832	0.0000	0.9584	1.0832	1.0832
549-541	002YR0 2HR	39.35	0.00	0.07	3.23	3.36	1.4068	0.0000	1.2794	1.4489	1.4596
549-541	002YR0 3HR	40.34	0.00	0.07	3.26	3.39	1.8972	0.0000	1.7602	1.9383	1.9541
549-541	002YR0 6HR	45.35	0.00	0.07	3.36	3.49	3.3461	0.0000	3.1875	3.4008	3.4245
549-541	002YR1 2HR	48.16	0.00	-0.07	3.42	3.55	6.2951	0.0000	6.7733	6.3603	6.3752
549-541	002YR2 4HR	49.46	0.00	0.08	3.45	3.59	12.2393	0.0000	12.0169	12.3308	12.3386
549-541	010YR0 1Hr	54.31	0.00	0.08	3.52	3.63	0.8562	0.0000	0.6890	0.8836	1.0547
549-541	010YR0 2Hr	58.61	0.00	0.08	3.69	3.75	1.3436	0.0000	1.1591	1.3498	1.3656
549-541	010YR0 3Hr	59.11	0.00	0.07	3.72	3.78	1.8288	0.0000	1.6440	1.8288	1.8543
549-541	010YR0 6Hr	63.12	0.00	0.08	3.97	3.97	3.3067	0.0000	3.0922	3.3067	3.3067
549-541	010YR1 2Hr	64.28	0.00	-0.08	4.04	4.04	6.2669	0.0000	7.1655	6.2669	6.2669
549-541	010YR2 4Hr	63.17	0.00	-0.08	3.97	3.97	12.2159	0.0000	13.2355	12.2159	12.2159
549-541	1 1/4"	11.31	0.00	0.01	2.42	2.59	12.3248	0.0000	12.1442	12.3273	12.3262

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	24hr										
549-541	100YR0 1hr	72.64	0.00	-0.08	4.57	4.57	0.8527	0.0000	2.9410	0.8527	0.8527
549-541	100YR0 2hr	74.63	0.00	-0.08	4.69	4.69	1.3599	0.0000	2.5475	1.3599	1.3599
549-541	100YR0 3hr	74.95	0.00	-0.09	4.71	4.71	1.8580	0.0000	3.5522	1.8580	1.8580
549-541	100YR0 6hr	77.15	0.00	-0.10	4.85	4.85	3.3304	0.0000	6.4464	3.3304	3.3304
549-541	100YR1 2hr	75.89	0.00	-0.10	4.77	4.77	6.3004	0.0000	9.9201	6.3004	6.3004
549-541	100YR2 4hr	75.91	0.00	-0.09	4.77	4.77	12.2630	0.0000	15.6033	12.2630	12.2630
553A-549	002YR0 1HR	19.87	0.00	-9.89	25.30	26.05	0.9971	0.0000	0.9814	0.9971	0.9971
553A-549	002YR0 2HR	18.72	0.00	4.82	23.83	23.87	1.2842	0.0000	1.2793	1.2842	1.2840
553A-549	002YR0 3HR	19.28	0.00	4.78	24.55	24.55	2.0036	0.0000	1.7601	2.0036	2.0036
553A-549	002YR0 6HR	21.88	0.00	-5.54	27.86	27.91	3.7064	0.0000	3.7414	3.7064	3.7067
553A-549	002YR1 2HR	22.98	0.00	-5.89	29.26	29.32	6.7325	0.0000	6.7741	6.7325	6.7328
553A-549	002YR2 4HR	23.67	0.00	-6.10	30.14	30.20	12.6873	0.0000	12.7233	12.6873	12.6876
553A-549	010YR0 1Hr	24.09	0.00	-6.22	30.68	30.74	1.3570	0.0000	1.3836	1.3570	1.3573
553A-549	010YR0 2Hr	24.78	0.00	-6.40	31.55	31.60	2.0072	0.0000	2.0546	2.0072	2.0076
553A-549	010YR0 3Hr	24.92	0.00	-6.44	31.72	31.78	2.4980	0.0000	2.5457	2.4980	2.4983
553A-549	010YR0 6Hr	25.78	0.00	-6.68	32.82	32.88	4.0301	0.0000	4.0887	4.0301	4.0305
553A-549	010YR1 2Hr	26.05	0.00	-6.74	33.16	33.22	7.0806	0.0000	7.1655	7.0806	7.0806
553A-549	010YR2 4Hr	25.97	0.00	-6.69	33.07	33.12	13.1157	0.0000	13.2354	13.1157	13.1157
553A-549	1 1/4" 24hr	4.45	0.00	0.01	6.06	6.85	12.3040	0.0000	12.0948	12.3040	12.3231
553A-549	100YR0 1hr	27.14	-0.43	-7.06	34.55	34.62	1.5652	0.7487	1.5982	1.5652	1.5652
553A-549	100YR0 2hr	27.71	-6.65	-7.20	35.28	35.34	2.4786	1.2238	2.5475	2.4786	2.4788
553A-549	100YR0 3hr	27.38	-6.90	-7.10	34.87	34.93	3.4616	1.7118	3.5522	3.4616	3.4619

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
553A-549	100YR0 6hr	26.56	-8.40	-6.73	33.81	33.81	4.8029	3.1719	6.4463	4.8029	4.8029
553A-549	100YR1 2hr	26.25	-5.48	-6.13	33.42	33.42	7.6688	6.1357	9.9200	7.6688	7.6688
553A-549	100YR2 4hr	25.74	0.00	-5.97	32.77	32.77	13.7463	0.0000	15.6033	13.7463	13.7463
568-549	002YR0 1HR	17.67	-0.60	0.17	2.13	2.00	0.8776	0.6092	1.0743	0.8776	0.8776
568-549	002YR0 2HR	18.63	-0.49	-0.10	1.97	1.84	1.3856	1.0860	1.1915	1.6204	1.6204
568-549	002YR0 3HR	19.14	-0.18	-0.10	1.95	1.82	1.8731	1.5618	1.6773	2.1272	2.1272
568-549	002YR0 6HR	22.90	0.00	0.16	2.04	1.97	3.3409	0.0000	3.7415	3.3472	3.3472
568-549	002YR1 2HR	25.27	0.00	0.19	2.15	2.09	6.2935	0.0000	6.7733	6.3041	6.3025
568-549	002YR2 4HR	26.12	0.00	0.19	2.19	2.14	12.2384	0.0000	12.7233	12.2520	12.2490
568-549	010YR0 1Hr	31.58	-1.13	-0.32	2.51	2.51	0.8540	0.5828	0.6443	0.8540	0.8540
568-549	010YR0 2Hr	35.97	-0.13	-0.33	2.86	2.86	1.3414	1.0361	1.1182	1.3414	1.3414
568-549	010YR0 3Hr	36.43	0.00	-0.28	2.90	2.90	1.8301	0.0000	1.6032	1.8301	1.8301
568-549	010YR0 6Hr	40.42	0.00	0.24	3.22	3.22	3.3038	0.0000	4.0887	3.3038	3.3038
568-549	010YR1 2Hr	41.19	0.00	0.30	3.28	3.28	6.2652	0.0000	7.1655	6.2652	6.2652
568-549	010YR2 4Hr	39.42	0.00	0.33	3.14	3.14	12.2156	0.0000	13.2355	12.2156	12.2156
568-549	1 1/4" 24hr	6.00	0.00	0.01	1.79	1.52	12.3187	0.0000	12.1442	12.3187	12.3187
568-549	100YR0 1hr	50.94	-1.42	-2.63	4.05	4.05	0.8267	0.5589	2.0700	0.8267	0.8267
568-549	100YR0 2hr	52.35	0.00	2.76	4.17	4.17	1.2642	0.0000	3.0601	1.2642	1.2642
568-549	100YR0 3hr	52.32	0.00	2.84	4.16	4.16	1.7565	0.0000	3.6269	1.7565	1.7565
568-549	100YR0 6hr	54.34	0.00	2.62	4.32	4.32	3.3256	0.0000	6.8182	3.3256	3.3256
568-549	100YR1 2hr	52.58	0.00	0.40	4.18	4.18	6.2612	0.0000	9.9201	6.2612	6.2612
568-549	100YR2 4hr	51.04	0.00	0.38	4.06	4.06	12.2623	0.0000	15.6171	12.2623	12.2623
569-568	002YR0	17.48	0.00	-0.03	2.16	2.30	0.8723	0.0000	1.0785	0.8723	0.6044

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	1HR										
569-568	002YR0 2HR	18.54	0.00	-0.03	2.05	2.39	1.3742	0.0000	1.2804	1.2794	1.0839
569-568	002YR0 3HR	19.06	0.00	-0.05	2.03	2.57	1.8623	0.0000	1.8796	1.7602	1.5688
569-568	002YR0 6HR	22.61	0.00	0.04	2.05	2.68	3.3349	0.0000	3.7423	3.3383	2.9847
569-568	002YR1 2HR	24.90	0.00	0.05	2.14	2.57	6.2863	0.0000	6.2703	6.2982	5.6493
569-568	002YR2 4HR	25.72	0.00	0.05	2.17	2.46	12.2331	0.0000	12.2081	12.2452	24.7502
569-568	010YR0 1Hr	31.13	0.00	-0.05	2.48	2.49	0.8517	0.0000	0.6446	0.8530	0.8542
569-568	010YR0 2Hr	35.40	0.00	0.05	2.82	2.82	1.3358	0.0000	1.1562	1.3358	1.3358
569-568	010YR0 3Hr	35.85	0.00	0.06	2.85	2.85	1.8275	0.0000	1.7965	1.8275	1.8275
569-568	010YR0 6Hr	39.75	0.00	0.05	3.16	3.16	3.3024	0.0000	4.0893	3.3024	3.3024
569-568	010YR1 2Hr	40.51	0.00	0.06	3.22	3.22	6.2641	0.0000	7.1661	6.2641	6.2641
569-568	010YR2 4Hr	38.80	0.00	0.06	3.09	3.09	12.2134	0.0000	13.2360	12.2134	12.2134
569-568	1 1/4" 24hr	5.99	0.00	0.01	1.93	2.72	12.3015	0.0000	12.1489	12.2626	11.9789
569-568	100YR0 1hr	49.91	0.00	-3.38	3.97	3.97	0.8271	0.0000	1.9533	0.8271	0.8271
569-568	100YR0 2hr	51.24	0.00	3.67	4.08	4.08	1.2671	0.0000	3.0598	1.2671	1.2671
569-568	100YR0 3hr	51.21	0.00	-3.73	4.08	4.08	1.7576	0.0000	3.6269	1.7576	1.7576
569-568	100YR0 6hr	53.27	0.00	-3.69	4.24	4.24	3.3216	0.0000	6.5706	3.3216	3.3216
569-568	100YR1 2hr	51.42	0.00	-0.10	4.09	4.09	6.2595	0.0000	9.9364	6.2595	6.2595
569-568	100YR2 4hr	49.90	0.00	-0.10	3.97	3.97	12.2630	0.0000	15.6162	12.2630	12.2630
AriesBlvd	002YR0 1HR	0.82	-0.86	0.01	1.58	2.41	1.4342	0.7872	0.9256	1.3005	1.4609
AriesBlvd	002YR0 2HR	1.03	-1.18	0.12	1.68	2.54	2.2973	1.2696	1.4604	2.1573	2.3311
AriesBlvd	002YR0 3HR	1.08	-1.21	0.04	1.70	2.56	3.2292	1.7692	1.9544	3.1135	3.2691
AriesBlvd	002YR0 6HR	1.27	-1.58	0.02	1.79	2.65	5.2031	3.2508	3.4480	5.1323	5.5838

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
AriesBlvd	002YR1 2HR	1.42	-1.88	0.02	1.85	2.71	8.0271	6.2026	6.4264	7.8181	8.7561
AriesBlvd	002YR2 4HR	1.51	-2.05	0.02	1.89	2.75	14.1708	12.1519	12.3590	13.7176	14.7782
AriesBlvd	010YR0 1Hr	1.58	-2.92	0.02	1.89	2.76	1.2486	0.7669	1.0337	1.3973	1.5405
AriesBlvd	010YR0 2Hr	1.85	-3.70	0.01	2.00	2.86	2.1602	1.2501	1.5365	2.3086	2.4804
AriesBlvd	010YR0 3Hr	1.92	-3.80	0.01	2.03	2.89	3.1891	1.7341	2.0248	3.2261	3.3875
AriesBlvd	010YR0 6Hr	2.21	-4.57	0.01	2.11	2.96	5.2471	3.2016	3.2351	5.3012	6.2744
AriesBlvd	010YR1 2Hr	2.42	-4.72	0.02	2.16	2.98	7.3062	6.1581	6.4560	8.4975	10.3724
AriesBlvd	010YR2 4Hr	2.65	-4.41	0.65	2.20	3.02	14.2518	12.1173	12.6056	15.1615	16.1579
AriesBlvd	1 1/4" 24hr	0.32	0.00	0.00	1.19	2.03	0.1262	0.0000	0.0784	0.1262	0.1042
AriesBlvd	100YR0 1hr	2.70	-5.88	0.30	2.21	3.04	1.7428	0.6722	1.1196	2.2153	2.4523
AriesBlvd	100YR0 2hr	3.18	-6.15	1.00	2.34	3.14	3.2090	1.1398	1.7650	3.6068	3.8186
AriesBlvd	100YR0 3hr	3.35	-6.17	1.26	2.38	3.17	4.1566	1.6263	2.2703	4.5185	4.7449
AriesBlvd	100YR0 6hr	3.78	-6.10	1.45	2.48	3.25	7.1375	3.0877	4.1856	7.3592	7.5287
AriesBlvd	100YR1 2hr	3.84	-5.67	1.69	2.49	3.25	11.4097	6.0391	7.3196	12.3437	12.5333
AriesBlvd	100YR2 4hr	3.86	-5.06	-1.51	2.49	3.22	17.3199	11.9852	12.9637	17.5144	18.6514
EX3-Ex2 42"	002YR0 1HR	9.89	0.00	-0.01	3.07	2.18	0.8247	0.0000	0.8486	0.6786	0.6972
EX3-Ex2 42"	002YR0 2HR	11.63	0.00	-0.01	3.12	2.26	1.3010	0.0000	1.4222	1.1584	1.1865
EX3-Ex2 42"	002YR0 3HR	12.03	0.00	-0.01	3.12	2.27	1.8031	0.0000	1.8184	1.6455	1.7165
EX3-Ex2 42"	002YR0 6HR	14.68	0.00	-0.06	3.08	2.39	3.2715	0.0000	11.9563	3.1127	3.1988
EX3-Ex2 42"	002YR1 2HR	16.71	0.00	-0.01	2.95	2.46	6.2250	0.0000	6.3656	6.0366	6.2018
EX3-Ex2 42"	002YR2 4HR	17.45	0.00	-0.02	2.93	2.48	12.1691	0.0000	12.6516	12.2520	12.1514
EX3-Ex2 42"	010YR0 1Hr	21.25	0.00	-0.01	3.27	2.75	0.7948	0.0000	0.8112	0.6436	0.7414
EX3-Ex2 42"	010YR0	24.99	0.00	-0.01	3.28	2.90	1.2755	0.0000	1.2878	1.1928	1.2080



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
42"	2Hr										
EX3-Ex2 42"	010YR0 3Hr	25.50	0.00	-0.01	3.28	2.92	1.7645	0.0000	1.7791	1.6850	1.7513
EX3-Ex2 42"	010YR0 6Hr	29.31	0.00	0.03	3.29	3.12	3.2384	0.0000	11.9997	3.2035	3.2222
EX3-Ex2 42"	010YR1 2Hr	29.90	0.00	-0.03	3.30	3.15	6.2045	0.0000	6.7441	6.1597	6.2010
EX3-Ex2 42"	010YR2 4Hr	29.18	0.00	-0.64	3.34	3.16	12.1574	0.0000	12.9657	12.1760	12.1713
EX3-Ex2 42"	1 1/4" 24hr	3.62	0.00	-0.01	2.69	1.72	12.2270	0.0000	12.5898	12.1374	0.3334
EX3-Ex2 42"	100YR0 1hr	32.60	0.00	1.73	3.66	3.47	0.7987	0.0000	1.7159	0.6731	0.6736
EX3-Ex2 42"	100YR0 2hr	33.86	0.00	-2.52	3.68	3.53	1.4907	0.0000	2.3990	1.1382	1.5133
EX3-Ex2 42"	100YR0 3hr	34.33	0.00	-2.37	3.64	3.57	1.9704	0.0000	3.4306	1.9956	1.9782
EX3-Ex2 42"	100YR0 6hr	35.99	0.00	-1.79	3.74	3.74	3.3821	0.0000	4.7304	3.3821	3.3821
EX3-Ex2 42"	100YR1 2hr	36.12	0.00	1.97	3.75	3.75	6.2922	0.0000	8.1480	6.2922	6.2922
EX3-Ex2 42"	100YR2 4hr	35.03	0.00	-2.84	3.64	3.64	12.1504	0.0000	14.4764	12.1504	12.1504
EX8-Ex9 24"	002YR0 1HR	0.86	-0.92	0.01	2.41	2.07	1.1661	0.7554	0.9335	1.4415	0.1570
EX8-Ex9 24"	002YR0 2HR	1.03	-1.28	0.06	2.54	2.14	2.2508	1.2361	1.4607	2.3234	2.8775
EX8-Ex9 24"	002YR0 3HR	1.08	-1.35	0.02	2.57	2.17	3.2073	1.7337	1.9439	3.2618	3.8445
EX8-Ex9 24"	002YR0 6HR	1.27	-1.71	0.02	2.65	2.26	5.2170	3.2009	3.4502	5.5292	6.7303
EX8-Ex9 24"	002YR1 2HR	1.42	-2.04	0.03	2.72	2.25	8.0176	6.1673	6.4223	8.8012	12.6901
EX8-Ex9 24"	002YR2 4HR	1.52	-2.14	0.02	2.75	2.08	12.9614	12.1188	12.3605	14.7699	24.6279
EX8-Ex9 24"	010YR0 1Hr	1.70	-3.33	0.02	2.76	2.40	1.2359	0.7223	1.0355	1.5294	2.0633
EX8-Ex9 24"	010YR0 2Hr	1.88	-4.02	0.02	2.87	2.48	2.1833	1.1820	1.5327	2.4628	3.0998
EX8-Ex9 24"	010YR0 3Hr	1.93	-4.08	0.02	2.89	2.51	3.1983	1.7170	2.0226	3.3803	4.0338
EX8-Ex9 24"	010YR0 6Hr	2.21	-4.96	0.01	2.96	2.59	5.2016	3.1838	3.5048	6.2707	6.8662
EX8-Ex9 24"	010YR1 2Hr	2.44	-5.09	0.01	2.98	2.56	7.2865	6.1503	6.4560	10.3316	12.8806

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EX8-Ex9 24"	010YR2 4Hr	2.68	-4.65	0.24	3.02	2.43	14.2349	12.1006	12.5172	16.0480	24.6619
EX8-Ex9 24"	1 1/4" 24hr	0.34	0.00	0.00	1.86	2.07	0.1906	0.0000	0.0926	0.2284	0.1573
EX8-Ex9 24"	100YR0 1hr	2.74	-7.24	0.19	3.04	2.64	1.7369	0.6716	1.0755	2.4333	2.9993
EX8-Ex9 24"	100YR0 2hr	3.21	-7.83	0.20	3.14	2.77	3.2021	1.1396	1.6157	3.8100	4.6571
EX8-Ex9 24"	100YR0 3hr	3.38	-7.86	0.28	3.17	2.81	4.1421	1.6260	2.1263	4.7344	5.7019
EX8-Ex9 24"	100YR0 6hr	3.80	-7.75	0.82	3.25	2.91	7.0933	3.0866	3.9173	7.5163	8.3332
EX8-Ex9 24"	100YR1 2hr	3.84	-6.94	-0.81	3.25	2.90	10.4822	6.0382	6.8845	12.5711	13.7803
EX8-Ex9 24"	100YR2 4hr	3.87	-5.91	-0.70	3.23	2.80	17.2845	11.9845	13.1340	18.6350	24.7450
Ex1-Pond B	002YR0 1HR	10.88	0.00	0.02	2.53	4.77	0.8504	0.0000	1.1766	0.8505	0.8506
Ex1-Pond B	002YR0 2HR	12.89	0.00	-0.04	2.65	5.03	1.3320	0.0000	1.2581	1.3324	1.3324
Ex1-Pond B	002YR0 3HR	13.37	0.00	-0.04	2.68	5.08	1.8207	0.0000	1.7400	1.8207	1.8217
Ex1-Pond B	002YR0 6HR	16.43	0.00	-0.43	2.85	5.41	3.2872	0.0000	11.9252	3.2882	3.2882
Ex1-Pond B	002YR1 2HR	18.81	0.00	-0.05	2.98	5.60	6.2400	0.0000	6.1376	6.2405	6.2405
Ex1-Pond B	002YR2 4HR	20.06	0.00	-0.05	3.19	5.71	12.1999	0.0000	12.0585	12.2483	12.1687
Ex1-Pond B	010YR0 1Hr	23.81	0.00	-0.10	3.22	6.08	0.8095	0.0000	0.7787	0.8097	0.8098
Ex1-Pond B	010YR0 2Hr	28.12	0.00	-0.10	3.45	6.34	1.2888	0.0000	1.2187	1.2889	1.2890
Ex1-Pond B	010YR0 3Hr	28.64	0.00	-0.12	3.47	6.45	1.7806	0.0000	1.7644	1.8016	1.7644
Ex1-Pond B	010YR0 6Hr	33.25	0.00	0.14	3.70	6.75	3.2513	0.0000	3.3009	3.2514	3.2514
Ex1-Pond B	010YR1 2Hr	34.14	0.00	-0.13	3.76	6.79	6.2137	0.0000	6.1493	6.2137	6.2138
Ex1-Pond B	010YR2 4Hr	33.64	0.00	0.29	3.89	6.59	12.1675	0.0000	12.9668	12.1895	12.1064
Ex1-Pond B	1 1/4" 24hr	3.91	0.00	-0.01	2.08	2.78	12.2512	0.0000	12.8501	12.2695	12.2076
Ex1-Pond B	100YR0 1hr	38.37	0.00	0.61	4.02	7.12	0.8038	0.0000	1.7159	0.8039	0.8423
Ex1-Pond B	100YR0	40.91	0.00	-0.87	4.25	7.29	1.2843	0.0000	2.5324	1.2843	1.2828

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
d B	2hr										
Ex1-Pond B	100YR0 3hr	41.38	0.00	-0.76	4.30	7.29	1.7839	0.0000	3.4306	1.7839	1.8252
Ex1-Pond B	100YR0 6hr	43.50	0.00	-0.41	4.52	7.41	3.2564	0.0000	5.3349	3.2564	3.3057
Ex1-Pond B	100YR1 2hr	43.81	0.00	0.75	4.55	7.41	6.2585	0.0000	7.8717	6.2585	6.2024
Ex1-Pond B	100YR2 4hr	41.97	0.00	-1.02	4.41	6.71	12.1513	0.0000	14.8839	12.1413	12.0077
Ex4-Ex3 36"	002YR0 1HR	8.95	0.00	0.01	2.37	3.34	0.8169	0.0000	0.6651	0.7659	0.6733
Ex4-Ex3 36"	002YR0 2HR	10.48	0.00	-0.01	2.47	3.36	1.3021	0.0000	1.4027	1.2513	1.1545
Ex4-Ex3 36"	002YR0 3HR	10.80	0.00	-0.01	2.49	3.34	1.7929	0.0000	1.9333	1.7411	1.6430
Ex4-Ex3 36"	002YR0 6HR	13.02	0.00	-0.01	2.59	3.21	3.2652	0.0000	3.3528	3.2004	3.1058
Ex4-Ex3 36"	002YR1 2HR	14.68	0.00	-0.01	2.64	3.02	6.2202	0.0000	6.3560	6.1948	6.0375
Ex4-Ex3 36"	002YR2 4HR	15.22	0.00	-0.01	2.65	2.91	12.1658	0.0000	12.2998	12.1470	12.1266
Ex4-Ex3 36"	010YR0 1Hr	18.71	0.00	-0.01	2.94	3.45	0.7856	0.0000	0.8729	0.7424	0.6418
Ex4-Ex3 36"	010YR0 2Hr	21.76	0.00	0.01	3.09	3.47	1.2723	0.0000	1.1778	1.2659	1.1871
Ex4-Ex3 36"	010YR0 3Hr	22.13	0.00	0.01	3.13	3.45	1.7647	0.0000	1.6650	1.7608	1.6741
Ex4-Ex3 36"	010YR0 6Hr	25.26	0.00	0.01	3.57	3.57	3.2497	0.0000	3.1206	3.2497	3.2497
Ex4-Ex3 36"	010YR1 2Hr	25.74	0.00	0.01	3.64	3.64	6.2330	0.0000	6.0654	6.2330	6.2330
Ex4-Ex3 36"	010YR2 4Hr	24.97	0.00	0.20	3.53	3.53	12.1649	0.0000	12.9657	12.1649	12.1681
Ex4-Ex3 36"	1 1/4" 24hr	3.35	0.00	0.00	1.79	2.82	12.2159	0.0000	12.0767	12.2115	12.1097
Ex4-Ex3 36"	100YR0 1hr	29.11	0.00	-0.16	4.12	4.12	0.9801	0.0000	1.7159	0.9801	0.9801
Ex4-Ex3 36"	100YR0 2hr	31.13	0.00	-0.26	4.40	4.40	1.5167	0.0000	2.5234	1.5167	1.5167
Ex4-Ex3 36"	100YR0 3hr	31.41	0.00	0.22	4.44	4.44	1.9938	0.0000	3.4306	1.9938	1.9938
Ex4-Ex3 36"	100YR0 6hr	31.80	0.00	-0.76	4.50	4.50	3.4178	0.0000	4.7950	3.4178	3.4178
Ex4-Ex3 36"	100YR1 2hr	31.05	0.00	-0.33	4.39	4.39	6.3354	0.0000	7.6258	6.3354	6.3354

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex4-Ex3 36"	100YR2 4hr	28.52	0.00	-0.47	4.04	4.04	12.2041	0.0000	13.0957	12.2041	12.2041
Ex6-Ex5 30"	002YR0 1HR	7.79	0.00	-0.01	2.38	2.36	0.7900	0.0000	0.8220	0.7343	0.7256
Ex6-Ex5 30"	002YR0 2HR	9.05	0.00	-0.01	2.46	2.46	1.2766	0.0000	1.3096	1.2195	1.2153
Ex6-Ex5 30"	002YR0 3HR	9.32	0.00	-0.01	2.48	2.48	1.7687	0.0000	1.8978	1.7082	1.7031
Ex6-Ex5 30"	002YR0 6HR	11.04	0.00	-0.01	2.58	2.59	3.2406	0.0000	3.3475	3.1906	3.1875
Ex6-Ex5 30"	002YR1 2HR	12.23	0.00	-0.01	2.61	2.62	6.2012	0.0000	6.2247	6.1726	6.1726
Ex6-Ex5 30"	002YR2 4HR	12.43	0.00	-0.01	2.59	2.60	12.1499	0.0000	12.1698	12.1417	12.1417
Ex6-Ex5 30"	010YR0 1Hr	15.97	0.00	0.01	3.25	3.25	0.7577	0.0000	0.7136	0.7577	0.7577
Ex6-Ex5 30"	010YR0 2Hr	18.31	0.00	0.02	3.73	3.73	1.2510	0.0000	1.1764	1.2510	1.2510
Ex6-Ex5 30"	010YR0 3Hr	18.55	0.00	0.02	3.78	3.78	1.7419	0.0000	1.6636	1.7419	1.7419
Ex6-Ex5 30"	010YR0 6Hr	20.81	0.00	0.02	4.24	4.24	3.2179	0.0000	3.1188	3.2179	3.2179
Ex6-Ex5 30"	010YR1 2Hr	20.84	0.00	-0.02	4.25	4.25	6.1576	0.0000	6.2592	6.1576	6.1576
Ex6-Ex5 30"	010YR2 4Hr	19.78	0.00	0.24	4.03	4.03	12.1465	0.0000	12.9657	12.1465	12.1465
Ex6-Ex5 30"	1 1/4" 24hr	3.01	0.00	0.00	1.89	1.76	12.1898	0.0000	12.0200	12.1489	12.1442
Ex6-Ex5 30"	100YR0 1hr	23.94	0.00	-0.15	4.88	4.88	0.6713	0.0000	1.0751	0.6713	0.6713
Ex6-Ex5 30"	100YR0 2hr	25.50	0.00	-0.25	5.20	5.20	1.5668	0.0000	2.5234	1.5668	1.5668
Ex6-Ex5 30"	100YR0 3hr	25.45	0.00	-0.17	5.18	5.18	2.0504	0.0000	2.1970	2.0504	2.0504
Ex6-Ex5 30"	100YR0 6hr	24.02	0.00	-0.14	4.89	4.89	3.4821	0.0000	3.8452	3.4821	3.4821
Ex6-Ex5 30"	100YR1 2hr	22.50	0.00	-0.12	4.58	4.58	6.3884	0.0000	6.8271	6.3884	6.3884
Ex6-Ex5 30"	100YR2 4hr	21.13	0.00	0.18	4.30	4.30	11.9840	0.0000	12.9592	11.9840	11.9840
Ex7-Ex6 30"	002YR0 1HR	6.31	0.00	-0.01	2.69	2.45	0.7668	0.0000	0.8105	0.6625	0.6154
Ex7-Ex6 30"	002YR0 2HR	7.28	0.00	-0.01	2.73	2.48	1.2534	0.0000	1.3407	1.1415	1.0943
Ex7-Ex6 30"	002YR0 3HR	7.48	0.00	-0.01	2.72	2.44	1.7503	0.0000	1.8978	1.6309	1.5816

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
30"	3HR										
Ex7-Ex6 30"	002YR0 6HR	8.83	0.00	-0.01	2.71	2.29	3.2187	0.0000	3.3320	3.0970	3.0811
Ex7-Ex6 30"	002YR1 2HR	9.64	0.00	-0.01	2.62	2.17	6.1846	0.0000	6.2888	6.0452	6.1035
Ex7-Ex6 30"	002YR2 4HR	9.69	0.00	-0.01	2.48	2.06	12.1344	0.0000	12.2030	11.9585	12.0835
Ex7-Ex6 30"	010YR0 1Hr	12.51	0.00	0.02	2.86	2.66	0.7501	0.0000	0.7237	0.6268	0.5762
Ex7-Ex6 30"	010YR0 2Hr	14.23	0.00	-0.01	2.90	2.90	1.2365	0.0000	1.3906	1.2365	1.2365
Ex7-Ex6 30"	010YR0 3Hr	14.38	0.00	-0.01	2.93	2.93	1.7335	0.0000	1.8877	1.7335	1.7335
Ex7-Ex6 30"	010YR0 6Hr	16.05	0.00	0.01	3.27	3.27	3.2231	0.0000	3.1227	3.2231	3.2231
Ex7-Ex6 30"	010YR1 2Hr	16.55	0.00	0.02	3.37	3.37	6.1739	0.0000	6.0693	6.1739	6.1739
Ex7-Ex6 30"	010YR2 4Hr	15.06	0.00	0.02	3.07	3.07	12.1420	0.0000	12.0056	12.1420	12.1420
Ex7-Ex6 30"	1 1/4" 24hr	2.52	0.00	0.00	2.30	1.93	12.1645	0.0000	11.9869	12.1185	0.2059
Ex7-Ex6 30"	100YR0 1hr	19.73	0.00	0.19	4.02	4.02	0.6859	0.0000	1.0751	0.6859	0.6859
Ex7-Ex6 30"	100YR0 2hr	20.08	0.00	0.21	4.09	4.09	1.2284	0.0000	1.6821	1.2284	1.2284
Ex7-Ex6 30"	100YR0 3hr	20.07	0.00	0.23	4.09	4.09	1.7292	0.0000	2.1970	1.7292	1.7292
Ex7-Ex6 30"	100YR0 6hr	20.28	0.00	0.16	4.13	4.13	3.2085	0.0000	3.8452	3.2085	3.2085
Ex7-Ex6 30"	100YR1 2hr	19.90	0.00	0.11	4.05	4.05	6.1750	0.0000	6.8271	6.1750	6.1750
Ex7-Ex6 30"	100YR2 4hr	19.27	0.00	-0.13	3.93	3.93	12.1401	0.0000	12.9592	12.1401	12.1401
ExPond1 Outlet	002YR0 1HR	0.82	-0.85	0.02	1.50	2.43	1.3951	0.8029	0.9327	1.4476	1.3130
ExPond1 Outlet	002YR0 2HR	1.03	-1.15	0.02	1.63	-2.84	2.2761	1.3105	1.4492	2.2968	1.2581
ExPond1 Outlet	002YR0 3HR	1.08	-1.20	0.02	1.66	-2.95	3.2149	1.7903	1.9493	3.2378	1.7397
ExPond1 Outlet	002YR0 6HR	1.27	-1.59	0.03	-2.02	-3.57	5.1793	3.2726	3.4480	3.2726	3.2252
ExPond1 Outlet	002YR1 2HR	1.42	-1.89	0.02	-2.40	-3.90	7.9957	6.2338	6.4208	6.2338	6.2003
ExPond1 Outlet	002YR2 4HR	1.51	-2.06	0.03	-2.62	-3.77	14.1439	12.1782	12.3590	12.1782	12.1340

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
ExPond1 Outlet	010YR0 1Hr	1.54	-2.86	0.02	-3.64	-4.69	1.2702	0.7872	1.0337	0.7872	0.7873
ExPond1 Outlet	010YR0 2Hr	1.85	-3.61	0.02	-4.59	-5.29	2.1609	1.2713	1.5314	1.2713	1.2713
ExPond1 Outlet	010YR0 3Hr	1.92	-3.70	0.02	-4.71	-5.37	3.2004	1.7619	2.0215	1.7619	1.7619
ExPond1 Outlet	010YR0 6Hr	2.21	-4.43	0.02	-5.64	-6.04	5.2330	3.2351	3.5043	3.2351	3.2352
ExPond1 Outlet	010YR1 2Hr	2.41	-4.54	0.02	-5.78	-6.13	7.3171	6.2058	6.4569	6.2058	6.1925
ExPond1 Outlet	010YR2 4Hr	2.64	-4.23	0.01	-5.38	-5.46	14.2592	12.1260	12.4222	12.1260	12.1136
ExPond1 Outlet	1 1/4" 24hr	0.32	0.00	0.00	1.09	2.27	0.1145	0.0000	0.0827	0.1284	0.0827
ExPond1 Outlet	100YR0 1hr	2.68	-5.01	0.04	-6.38	-6.61	1.7593	0.7643	1.1142	0.7643	0.7543
ExPond1 Outlet	100YR0 2hr	3.17	-5.07	0.05	-6.46	-6.67	3.2077	1.2246	1.7040	1.2246	1.2149
ExPond1 Outlet	100YR0 3hr	3.34	-5.06	0.05	-6.44	-6.65	4.1554	1.7053	2.2176	1.7053	1.6956
ExPond1 Outlet	100YR0 6hr	3.78	-4.99	0.02	-6.35	-6.56	7.1477	3.1430	3.8685	3.1430	3.1327
ExPond1 Outlet	100YR1 2hr	3.84	-4.81	0.01	-6.12	-6.30	11.4144	6.0660	7.1040	6.0660	6.0501
ExPond1 Outlet	100YR2 4hr	3.86	-4.49	-0.01	-5.72	-5.72	17.3239	12.0602	11.7213	12.0602	12.0602
L1 - EastOutlet - Pipe	002YR0 1HR	0.88	0.00	0.00	0.00	0.00	1.6447	0.0000	0.8293	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 1HR	0.88	0.00	0.00	4.49	4.49	1.6041	0.0000	0.8293	1.6041	1.6041
L1 - EastOutlet - Weir: 2	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L1 - EastOutlet - Pipe	002YR0 2HR	1.03	0.00	0.00	0.00	0.00	2.4315	0.0000	1.3226	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 2HR	1.03	0.00	0.00	5.24	5.24	2.4315	0.0000	1.2921	2.4315	2.4315
L1 - EastOutlet - Weir: 2	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR0 3HR	1.08	0.00	0.00	0.00	0.00	3.3723	0.0000	1.8098	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 3HR	1.08	0.00	0.00	5.48	5.48	3.3372	0.0000	1.7749	3.3372	3.3372
L1 - EastOutlet - Weir: 2	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR0 6HR	1.22	0.00	0.00	0.00	0.00	6.1953	0.0000	3.2053	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 6HR	1.22	0.00	0.00	6.20	6.20	6.1953	0.0000	3.2053	6.1953	6.1953

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L1 - EastOutlet - Weir: 2	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR1 2HR	1.49	0.00	0.00	0.00	0.00	8.8221	0.0000	6.2839	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR1 2HR	1.30	0.00	0.00	6.62	6.62	8.8221	0.0000	6.0906	8.8221	8.8221
L1 - EastOutlet - Weir: 2	002YR1 2HR	0.19	0.00	0.00	1.51	1.51	8.7891	0.0000	7.6320	8.7891	8.7891
L1 - EastOutlet - Weir: 3	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR2 4HR	2.00	0.00	0.00	0.00	0.00	14.0739	0.0000	35.4618	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR2 4HR	1.36	0.00	0.00	6.91	6.91	13.9738	0.0000	11.8792	13.9738	13.9738
L1 - EastOutlet - Weir: 2	002YR2 4HR	0.64	0.00	0.00	2.25	2.25	13.9738	0.0000	12.9515	13.9738	13.9738
L1 - EastOutlet -	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Weir: 3											
L1 - EastOutlet - Weir: 4	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 1Hr	1.42	0.00	0.00	0.00	0.00	1.6553	0.0000	0.7330	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 1Hr	1.29	0.00	0.00	6.55	6.55	1.6395	0.0000	0.7330	1.6395	1.6395
L1 - EastOutlet - Weir: 2	010YR0 1Hr	0.13	0.00	0.00	1.34	1.34	1.6395	0.0000	2.3203	1.6395	1.6395
L1 - EastOutlet - Weir: 3	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 2Hr	2.38	0.00	0.00	0.00	0.00	2.3998	0.0000	1.7738	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 2Hr	1.40	0.00	0.00	7.14	7.14	2.3746	0.0000	1.2006	2.3746	2.3746
L1 - EastOutlet - Weir: 2	010YR0 2Hr	0.98	0.00	0.00	3.19	3.19	2.3746	0.0000	1.7820	2.3746	2.3746
L1 - EastOutlet - Weir: 3	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet	010YR0 3Hr	2.55	0.00	0.00	0.00	0.00	3.2844	0.0000	2.2746	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
et - Pipe											
L1 - EastOutl et - Weir: 1	010YR0 3Hr	1.44	0.00	0.00	7.31	7.31	3.2525	0.0000	1.6795	3.2525	3.2525
L1 - EastOutl et - Weir: 2	010YR0 3Hr	1.12	0.00	0.00	3.64	3.64	3.2525	0.0000	2.2396	3.2525	3.2525
L1 - EastOutl et - Weir: 3	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutl et - Weir: 4	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutl et - Pipe	010YR0 6Hr	3.00	0.00	0.00	0.00	0.00	5.0956	0.0000	9.2251	0.0000	0.0000
L1 - EastOutl et - Weir: 1	010YR0 6Hr	1.54	0.00	0.00	7.82	7.82	5.0956	0.0000	3.0924	5.0956	5.0956
L1 - EastOutl et - Weir: 2	010YR0 6Hr	1.47	0.00	0.00	4.78	4.78	5.0956	0.0000	9.0875	5.0956	5.0956
L1 - EastOutl et - Weir: 3	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutl et - Weir: 4	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutl et - Pipe	010YR1 2Hr	3.29	0.00	0.00	0.00	0.00	7.8131	0.0000	14.1336	0.0000	0.0000
L1 - EastOutl et - Weir: 1	010YR1 2Hr	1.61	0.00	0.00	8.19	8.19	7.7605	0.0000	18.9437	7.7605	7.7605
L1 - EastOutl	010YR1 2Hr	1.68	0.00	0.00	5.47	5.47	7.7605	0.0000	14.1295	7.7605	7.7605

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
et - Weir: 2											
L1 - EastOutlet - Weir: 3	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR2 4Hr	3.51	0.00	0.00	0.00	0.00	13.7209	0.0000	39.2063	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR2 4Hr	1.67	0.00	0.00	8.50	8.50	13.6553	0.0000	39.1951	13.6553	13.6553
L1 - EastOutlet - Weir: 2	010YR2 4Hr	1.84	0.00	0.00	6.00	6.00	13.6553	0.0000	12.3054	13.6553	13.6553
L1 - EastOutlet - Weir: 3	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	1 1/4" 24hr	0.52	0.00	0.00	0.00	0.00	14.3576	0.0000	12.5843	0.0000	0.0000
L1 - EastOutlet - Weir: 1	1 1/4" 24hr	0.52	0.00	0.00	2.64	2.64	14.2690	0.0000	15.9195	14.2690	14.2690
L1 - EastOutlet - Weir: 2	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 -	1 1/4"	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EastOutlet - Weir: 4	24hr										
L1 - EastOutlet - Pipe	100YR0 1hr	3.48	0.00	0.00	0.00	0.00	1.5729	0.0000	0.9464	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 1hr	1.66	0.00	0.00	8.45	8.45	1.5729	0.0000	0.6710	1.5729	1.5729
L1 - EastOutlet - Weir: 2	100YR0 1hr	1.82	0.00	0.00	5.93	5.93	1.5729	0.0000	0.9463	1.5729	1.5729
L1 - EastOutlet - Weir: 3	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 2hr	4.16	0.00	0.00	0.00	0.00	2.3890	0.0000	1.4022	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 2hr	1.86	0.00	0.00	9.48	9.48	2.3702	0.0000	1.1262	2.3702	2.3702
L1 - EastOutlet - Weir: 2	100YR0 2hr	2.30	0.00	0.00	7.49	7.49	2.3702	0.0000	1.4012	2.3702	2.3702
L1 - EastOutlet - Weir: 3	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 3hr	4.76	0.00	0.00	0.00	0.00	3.2486	0.0000	1.8723	0.0000	0.0000
L1 -	100YR0	1.90	0.00	0.00	9.68	9.68	3.4750	0.0000	1.5839	3.4750	3.4750

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EastOutlet - Weir: 1	3hr										
L1 - EastOutlet - Weir: 2	100YR0 3hr	2.42	0.00	0.00	7.88	7.88	3.2315	0.0000	1.8714	3.2315	3.2315
L1 - EastOutlet - Weir: 3	100YR0 3hr	0.44	0.00	0.00	0.97	0.97	3.2315	0.0000	3.3849	3.2315	3.2315
L1 - EastOutlet - Weir: 4	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 6hr	9.05	0.00	0.00	0.00	0.00	4.2295	0.0000	3.7922	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 6hr	1.90	0.00	0.00	9.68	9.68	6.4522	0.0000	3.6798	6.4522	6.4522
L1 - EastOutlet - Weir: 2	100YR0 6hr	2.57	0.00	0.00	8.38	8.38	4.2295	0.0000	12.4772	4.2295	4.2295
L1 - EastOutlet - Weir: 3	100YR0 6hr	4.65	0.00	0.00	2.32	2.32	4.2295	0.0000	4.0777	4.2295	4.2295
L1 - EastOutlet - Weir: 4	100YR0 6hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR1 2hr	10.29	0.00	0.00	0.00	0.00	7.0923	0.0000	6.7551	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR1 2hr	1.90	0.00	0.00	9.68	9.68	9.6027	0.0000	5.1576	9.6027	9.6027
L1 - EastOutlet - Weir: 2	100YR1 2hr	2.62	0.00	0.00	8.55	8.55	7.0923	0.0000	17.0109	7.0923	7.0923

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L1 - EastOutlet - Weir: 3	100YR1 2hr	5.87	0.00	0.01	2.93	2.93	7.0923	0.0000	6.6613	7.0923	7.0923
L1 - EastOutlet - Weir: 4	100YR1 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR2 4hr	10.06	0.00	0.00	0.00	0.00	13.0178	0.0000	12.6482	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR2 4hr	1.90	0.00	0.00	9.68	9.68	15.2604	0.0000	12.4555	15.2604	15.2604
L1 - EastOutlet - Weir: 2	100YR2 4hr	2.61	0.00	0.00	8.51	8.51	13.0071	0.0000	12.0820	13.0071	13.0071
L1 - EastOutlet - Weir: 3	100YR2 4hr	5.64	0.00	0.00	2.82	2.82	13.0071	0.0000	13.7890	13.0071	13.0071
L1 - EastOutlet - Weir: 4	100YR2 4hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L2-ExpondA - Pipe	002YR0 1HR	0.26	0.00	0.00	0.00	0.00	1.7611	0.0000	0.8611	0.0000	0.0000
L2-ExpondA - Weir: 1	002YR0 1HR	0.26	0.00	0.00	1.26	1.26	1.7298	0.0000	0.8611	1.7087	1.7087
L2-ExpondA - Pipe	002YR0 2HR	0.45	0.00	0.00	0.00	0.00	2.5456	0.0000	1.4604	0.0000	0.0000
L2-ExpondA - Weir: 1	002YR0 2HR	0.45	0.00	0.00	1.53	1.53	2.5380	0.0000	2.2565	2.5380	2.5380
L2-ExpondA - Pipe	002YR0 3HR	0.53	0.00	0.00	0.00	0.00	3.4834	0.0000	2.5610	0.0000	0.0000
L2-ExpondA - Weir: 1	002YR0 3HR	0.53	0.00	0.00	1.63	1.63	3.4834	0.0000	2.9367	3.4834	3.4834

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPo ndA - Pipe	002YR0 6HR	0.82	0.00	0.00	0.00	0.00	6.2677	0.0000	3.2908	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR0 6HR	0.82	0.00	0.00	2.33	2.33	6.2677	0.0000	4.7013	6.2677	6.2677
L2-ExPo ndA - Pipe	002YR1 2HR	1.01	0.00	0.00	0.00	0.00	12.1239	0.0000	6.2427	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR1 2HR	1.01	0.00	0.00	2.86	2.86	12.0851	0.0000	6.8468	12.0851	12.0851
L2-ExPo ndA - Pipe	002YR2 4HR	1.15	0.00	0.00	0.00	0.00	17.8044	0.0000	12.2261	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR2 4HR	1.15	0.00	0.00	3.25	3.25	17.7087	0.0000	11.9419	17.7087	17.7087
L2-ExPo ndA - Pipe	010YR0 1Hr	0.88	-0.92	0.01	0.00	0.00	1.6582	0.8658	0.9711	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 1Hr	0.88	-0.92	0.01	-2.61	-2.61	1.6582	0.8656	0.9756	0.8656	0.8656
L2-ExPo ndA - Pipe	010YR0 2Hr	1.15	-1.41	-0.04	0.00	0.00	2.5124	1.3589	1.5377	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 2Hr	1.15	-1.41	-0.08	-3.99	-3.99	2.5124	1.3588	1.5377	1.3588	1.3588
L2-ExPo ndA - Pipe	010YR0 3Hr	1.23	-1.45	0.01	0.00	0.00	3.4385	1.8515	2.0083	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 3Hr	1.23	-1.45	0.01	-4.11	-4.11	3.4053	1.8514	2.0083	1.8514	1.8514
L2-ExPo ndA - Pipe	010YR0 6Hr	1.51	-1.78	0.02	0.00	0.00	6.3178	3.3392	3.5294	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 6Hr	1.51	-1.78	0.01	-5.05	-5.05	6.2674	3.3392	3.5277	3.3392	3.3392
L2-ExPo ndA - Pipe	010YR1 2Hr	1.67	-1.82	0.02	0.00	0.00	12.1365	6.3013	6.4902	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPo ndA - Weir: 1	010YR1 2Hr	1.67	-1.82	0.02	-5.17	-5.17	12.0411	6.3012	6.4901	6.3012	6.3012
L2-ExPo ndA - Pipe	010YR2 4Hr	1.77	-1.63	0.01	0.00	0.00	17.7669	12.2421	12.4107	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR2 4Hr	1.77	-1.63	0.01	5.03	5.03	17.7669	12.2420	12.4091	17.7669	17.7669
L2-ExPo ndA - Pipe	1 1/4" 24hr	0.12	0.00	0.00	0.00	0.00	23.9734	0.0000	14.4543	0.0000	0.0000
L2-ExPo ndA - Weir: 1	1 1/4" 24hr	0.12	0.00	0.00	1.00	1.00	23.9734	0.0000	14.4543	23.9734	23.9734
L2-ExPo ndA - Pipe	100YR0 1hr	1.61	-2.14	0.02	0.00	0.00	1.7061	0.8549	1.2870	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 1hr	1.61	-2.14	0.02	-6.08	-6.08	1.6586	0.8548	1.2861	0.8548	0.8548
L2-ExPo ndA - Pipe	100YR0 2hr	1.97	-2.17	0.02	0.00	0.00	2.5186	1.3134	1.9269	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 2hr	1.97	-2.17	0.02	-6.16	-6.16	2.5040	1.3133	1.9268	1.3133	1.3133
L2-ExPo ndA - Pipe	100YR0 3hr	2.08	-2.16	0.02	0.00	0.00	3.4285	1.8001	2.4355	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 3hr	2.08	-2.16	0.02	-6.13	-6.13	3.4285	1.8001	2.4355	1.8001	1.8001
L2-ExPo ndA - Pipe	100YR0 6hr	2.35	-2.11	0.02	0.00	0.00	6.2938	3.2552	4.0239	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 6hr	2.35	-2.11	0.01	6.65	6.65	6.2862	3.2552	4.0238	6.2862	6.2862
L2-ExPo ndA - Pipe	100YR1 2hr	2.44	-2.02	0.01	0.00	0.00	12.1437	6.2116	6.9418	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR1 2hr	2.44	-2.02	0.01	6.92	6.92	12.1437	6.2115	6.9419	12.1437	12.1437



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPondA - Pipe	100YR2 4hr	2.42	-1.88	0.02	0.00	0.00	18.3384	12.1643	11.9226	0.0000	0.0000
L2-ExPondA - Weir: 1	100YR2 4hr	2.42	-1.88	0.04	6.88	6.88	18.1209	12.1642	11.9226	18.1209	18.1209
Lake 4 - 512 - Pipe	002YR0 1HR	1.73	0.00	0.00	0.00	0.00	1.8801	0.0000	2.3350	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 1HR	1.11	0.00	0.00	4.44	4.44	1.8734	0.0000	0.9031	1.8734	1.8734
Lake 4 - 512 - Weir: 2	002YR0 1HR	0.62	0.00	0.00	1.02	1.02	1.8734	0.0000	2.4632	1.8734	1.8734
Lake 4 - 512 - Pipe	002YR0 2HR	5.94	0.00	0.01	0.00	0.00	2.4427	0.0000	2.0857	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 2HR	1.28	0.00	0.00	5.14	5.14	2.4395	0.0000	1.4085	2.4395	2.4395
Lake 4 - 512 - Weir: 2	002YR0 2HR	4.66	0.00	0.00	2.00	2.00	2.4395	0.0000	2.0943	2.4395	2.4395
Lake 4 - 512 - Pipe	002YR0 3HR	7.31	0.00	0.01	0.00	0.00	3.2453	0.0000	2.5610	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 3HR	1.32	0.00	0.00	5.29	5.29	3.2453	0.0000	1.9295	3.2453	3.2453
Lake 4 - 512 - Weir: 2	002YR0 3HR	5.99	0.00	0.00	2.17	2.17	3.2453	0.0000	3.8635	3.2504	3.2504
Lake 4 - 512 - Pipe	002YR0 6HR	11.00	0.00	0.01	0.00	0.00	4.4917	0.0000	3.7382	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 6HR	1.33	0.00	0.00	5.33	5.33	6.4133	0.0000	4.7670	6.4133	6.4133
Lake 4 - 512 - Weir: 2	002YR0 6HR	9.74	0.00	0.01	2.55	2.55	4.4917	0.0000	3.7373	4.4917	4.4917
Lake 4 - 512 - Pipe	002YR1 2HR	16.58	0.00	0.01	0.00	0.00	7.1736	0.0000	6.7445	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Lake 4 - 512 - Weir: 1	002YR1 2HR	1.33	0.00	0.00	5.33	5.33	10.1478	0.0000	7.6588	10.1478	10.1478
Lake 4 - 512 - Weir: 2	002YR1 2HR	15.43	0.00	0.01	2.97	2.97	7.1736	0.0000	6.7487	7.1736	7.1736
Lake 4 - 512 - Pipe	002YR2 4HR	21.89	0.00	0.02	0.00	0.00	13.0904	0.0000	13.1399	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR2 4HR	1.33	0.00	0.00	5.33	5.33	16.4233	0.0000	12.6673	16.4233	16.4233
Lake 4 - 512 - Weir: 2	002YR2 4HR	20.80	0.00	0.04	3.16	3.16	13.0904	0.0000	13.1399	13.0904	13.0904
Lake 4 - 512 - Pipe	010YR0 1Hr	17.61	0.00	0.01	0.00	0.00	1.7438	0.0000	1.1625	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 1Hr	1.33	0.00	0.00	5.33	5.33	2.9870	0.0000	1.8453	2.9870	2.9870
Lake 4 - 512 - Weir: 2	010YR0 1Hr	16.48	0.00	0.01	3.04	3.04	1.7427	0.0000	1.6911	1.7427	1.7427
Lake 4 - 512 - Pipe	010YR0 2Hr	24.37	0.00	-0.02	0.00	0.00	2.5002	0.0000	2.0655	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 2Hr	1.33	0.00	0.00	5.33	5.33	4.2949	0.0000	1.8217	4.2949	4.2949
Lake 4 - 512 - Weir: 2	010YR0 2Hr	23.29	0.00	-0.04	3.20	3.20	2.5002	0.0000	2.0655	2.5688	2.5688
Lake 4 - 512 - Pipe	010YR0 3Hr	26.28	0.00	0.02	0.00	0.00	3.1701	0.0000	3.5977	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 3Hr	1.33	0.00	0.00	5.33	5.33	5.1280	0.0000	2.2847	5.1280	5.1280
Lake 4 - 512 - Weir: 2	010YR0 3Hr	25.22	0.00	0.03	3.22	3.22	3.1693	0.0000	3.5977	3.1887	3.1887
Lake 4 - 512 - Pipe	010YR0 6Hr	30.31	0.00	0.02	0.00	0.00	4.8204	0.0000	5.8386	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Lake 4 - 512 - Weir: 1	010YR0 6Hr	1.33	0.00	0.00	5.33	5.33	7.6710	0.0000	3.5874	7.6710	7.6710
Lake 4 - 512 - Weir: 2	010YR0 6Hr	29.25	0.00	0.03	3.30	3.30	4.8204	0.0000	5.8386	4.8785	4.8785
Lake 4 - 512 - Pipe	010YR1 2Hr	34.09	0.00	0.02	0.00	0.00	7.4153	0.0000	9.0646	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR1 2Hr	1.33	0.00	0.00	5.33	5.33	6.2810	0.0000	9.7278	6.2810	6.2810
Lake 4 - 512 - Weir: 2	010YR1 2Hr	33.05	0.00	0.04	3.67	3.67	7.4153	0.0000	9.0646	7.4153	7.4153
Lake 4 - 512 - Pipe	010YR2 4Hr	38.01	0.00	-0.02	0.00	0.00	13.2122	0.0000	14.2401	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR2 4Hr	1.33	0.00	0.00	5.33	5.33	18.9960	0.0000	12.2153	18.9960	18.9960
Lake 4 - 512 - Weir: 2	010YR2 4Hr	36.96	0.00	0.03	4.11	4.11	13.2065	0.0000	15.1037	13.2065	13.2065
Lake 4 - 512 - Pipe	1 1/4" 24hr	0.76	0.00	0.00	0.00	0.00	20.5623	0.0000	12.6409	0.0000	0.0000
Lake 4 - 512 - Weir: 1	1 1/4" 24hr	0.76	0.00	0.00	3.05	3.05	20.5623	0.0000	12.6370	20.5623	20.5623
Lake 4 - 512 - Weir: 2	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Lake 4 - 512 - Pipe	100YR0 1hr	33.33	0.00	-0.02	0.00	0.00	1.6326	0.0000	1.0933	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 1hr	1.33	0.00	0.00	5.33	5.33	0.8983	0.0000	1.0091	0.8983	0.8983
Lake 4 - 512 - Weir: 2	100YR0 1hr	32.28	0.00	-0.04	3.59	3.59	1.6311	0.0000	1.0933	1.6311	1.6311
Lake 4 - 512 - Pipe	100YR0 2hr	41.54	0.00	0.02	0.00	0.00	2.2983	0.0000	1.7854	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Lake 4 - 512 - Weir: 1	100YR0 2hr	1.33	0.00	0.00	5.33	5.33	1.3349	0.0000	1.4240	1.3349	1.3349
Lake 4 - 512 - Weir: 2	100YR0 2hr	40.42	0.00	0.04	4.49	4.49	2.2926	0.0000	4.5282	2.2926	2.2926
Lake 4 - 512 - Pipe	100YR0 3hr	42.95	0.00	0.02	0.00	0.00	3.1040	0.0000	5.3746	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 3hr	1.33	0.00	0.00	5.33	5.33	6.9969	0.0000	1.8850	6.9969	6.9969
Lake 4 - 512 - Weir: 2	100YR0 3hr	41.79	0.00	0.04	4.64	4.64	3.1040	0.0000	5.3746	3.1040	3.1040
Lake 4 - 512 - Pipe	100YR0 6hr	47.31	0.00	0.03	0.00	0.00	4.4203	0.0000	3.4069	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 6hr	1.33	0.00	0.00	5.33	5.33	9.5504	0.0000	3.2643	9.5504	9.5504
Lake 4 - 512 - Weir: 2	100YR0 6hr	46.04	0.00	0.04	5.12	5.12	4.4062	0.0000	7.8789	4.4062	4.4062
Lake 4 - 512 - Pipe	100YR1 2hr	48.52	0.00	0.03	0.00	0.00	7.2654	0.0000	6.2608	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR1 2hr	1.33	0.00	0.00	5.33	5.33	6.0718	0.0000	6.1416	6.0718	6.0718
Lake 4 - 512 - Weir: 2	100YR1 2hr	47.21	0.00	0.03	5.25	5.25	7.2523	0.0000	11.6233	7.2523	7.2523
Lake 4 - 512 - Pipe	100YR2 4hr	49.09	0.00	0.03	0.00	0.00	13.0719	0.0000	12.1643	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR2 4hr	1.33	0.00	0.00	5.33	5.33	23.5117	0.0000	11.9672	23.5117	23.5117
Lake 4 - 512 - Weir: 2	100YR2 4hr	47.77	0.00	0.04	5.31	5.31	13.0635	0.0000	17.2882	13.0635	13.0635
Ninevah CMP	002YR0 1HR	6.78	0.00	0.02	2.63	4.51	0.8327	0.0000	1.8711	0.8389	0.8382
Ninevah	002YR0	8.19	0.00	0.04	2.76	4.79	1.3158	0.0000	2.7609	1.3208	1.3224

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CMP	2HR										
Ninevah CMP	002YR0 3HR	8.51	0.00	0.02	2.80	4.85	1.8035	0.0000	3.6980	1.8098	1.8098
Ninevah CMP	002YR0 6HR	10.61	-0.03	0.02	2.97	5.20	3.2813	9.4003	6.6216	3.2855	3.2862
Ninevah CMP	002YR1 2HR	12.43	0.00	-0.02	3.11	4.06	6.2369	0.0000	5.3133	6.2394	6.2333
Ninevah CMP	002YR2 4HR	13.55	0.00	0.02	3.18	2.10	12.1864	0.0000	24.4215	12.1908	12.1882
Ninevah CMP	010YR0 1Hr	15.49	0.00	0.02	3.31	5.85	0.8187	0.0000	1.9949	0.8220	0.8227
Ninevah CMP	010YR0 2Hr	18.38	0.00	0.02	3.48	6.16	1.3039	0.0000	2.8743	1.3072	1.3079
Ninevah CMP	010YR0 3Hr	18.84	0.00	0.02	3.50	6.21	1.7965	0.0000	3.8097	1.8024	1.7972
Ninevah CMP	010YR0 6Hr	22.05	-0.03	0.02	3.68	6.51	3.2767	9.3995	6.7256	3.2850	3.2837
Ninevah CMP	010YR1 2Hr	23.64	0.00	-0.02	3.77	6.64	6.2352	0.0000	4.4572	6.2378	6.2397
Ninevah CMP	010YR2 4Hr	23.25	0.00	-0.03	3.75	3.61	12.1853	0.0000	9.0019	12.1872	12.1872
Ninevah CMP	1 1/4" 24hr	2.01	-0.03	0.03	1.54	-0.56	12.2179	9.4112	16.5001	12.2223	9.4176
Ninevah CMP	100YR0 1hr	32.02	0.00	0.02	4.35	7.23	0.8140	0.0000	2.1147	0.8172	0.8146
Ninevah CMP	100YR0 2hr	37.74	0.00	0.02	5.11	7.55	1.3007	0.0000	2.9821	1.3007	1.3031
Ninevah CMP	100YR0 3hr	38.86	0.00	0.02	5.26	7.60	1.7909	0.0000	3.9207	1.7909	1.7969
Ninevah CMP	100YR0 6hr	43.46	-0.03	0.02	5.88	7.80	3.2755	9.3960	6.8336	3.2755	3.2803
Ninevah CMP	100YR1 2hr	42.13	0.00	-0.02	5.70	7.10	6.2359	0.0000	3.3468	6.2359	6.2647
Ninevah CMP	100YR2 4hr	37.41	0.00	-0.03	5.06	5.81	12.1830	0.0000	6.8126	12.1830	12.1854
Outlet2-PondB	002YR0 1HR	1.44	0.00	0.01	2.94	4.10	0.9181	0.0000	0.6011	0.9184	0.9181
Outlet2-PondB	002YR0 2HR	1.85	0.00	0.01	3.15	4.42	1.3397	0.0000	1.0825	1.3402	1.3421
Outlet2-PondB	002YR0 3HR	1.97	0.00	0.01	3.20	4.50	1.8284	0.0000	1.5725	1.8288	1.8320
Outlet2-PondB	002YR0 6HR	2.77	0.00	0.01	3.51	4.98	3.2923	0.0000	3.0323	3.2930	3.2939
Outlet2-PondB	002YR1 2HR	3.70	0.00	0.01	3.80	5.43	6.2499	0.0000	5.9204	6.2503	6.2530

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet2-PondB	002YR2 4HR	4.56	0.00	0.01	4.03	1.38	12.1983	0.0000	11.4528	12.1988	12.1290
Outlet2-PondB	010YR0 1Hr	4.10	0.00	0.01	3.91	5.59	0.8405	0.0000	0.5585	0.8409	0.8423
Outlet2-PondB	010YR0 2Hr	5.05	0.00	0.01	4.14	5.94	1.3232	0.0000	1.0426	1.3235	1.3258
Outlet2-PondB	010YR0 3Hr	5.30	0.00	0.01	4.20	6.02	1.8146	0.0000	1.5293	1.8148	1.8167
Outlet2-PondB	010YR0 6Hr	6.74	0.00	0.01	4.50	6.46	3.2850	0.0000	2.9416	3.2852	3.2815
Outlet2-PondB	010YR1 2Hr	7.74	0.00	0.01	4.69	6.57	6.2434	0.0000	5.5190	6.2436	6.1716
Outlet2-PondB	010YR2 4Hr	8.09	0.00	0.01	4.75	1.77	12.1954	0.0000	10.2423	12.1958	12.1305
Outlet2-PondB	1 1/4" 24hr	0.57	0.00	0.01	2.32	0.41	13.9620	0.0000	12.1548	13.9645	17.8634
Outlet2-PondB	100YR0 1hr	9.36	0.00	0.01	4.97	7.09	0.8313	0.0000	0.5320	0.8316	0.8313
Outlet2-PondB	100YR0 2hr	11.39	0.00	0.16	5.28	7.49	1.3219	0.0000	1.4506	1.3221	1.3145
Outlet2-PondB	100YR0 3hr	12.06	0.00	0.16	5.38	7.60	1.8118	0.0000	1.9813	1.8120	1.7923
Outlet2-PondB	100YR0 6hr	14.52	0.00	0.58	5.72	7.82	3.2873	0.0000	3.6755	3.2875	3.2096
Outlet2-PondB	100YR1 2hr	14.80	0.00	0.87	5.75	3.27	6.2547	0.0000	6.5375	6.2548	6.1476
Outlet2-PondB	100YR2 4hr	14.04	0.00	1.01	5.65	2.86	12.3634	0.0000	12.3632	12.3634	12.3634
Pond B Outlet	002YR0 1HR	3.03	0.00	0.01	3.76	5.51	1.6752	0.0000	0.9484	1.6768	1.6835
Pond B Outlet	002YR0 2HR	5.54	0.00	0.01	4.49	6.55	2.3331	0.0000	1.3876	2.3341	2.3432
Pond B Outlet	002YR0 3HR	6.03	0.00	0.13	4.61	6.71	3.1057	0.0000	7.4411	3.1072	3.1057
Pond B Outlet	002YR0 6HR	7.99	-1.66	0.24	5.05	7.26	4.2403	11.9997	7.4407	4.2414	4.2625
Pond B Outlet	002YR1 2HR	11.87	0.00	0.86	5.81	3.90	7.4441	0.0000	7.4402	7.4453	7.4441
Pond B Outlet	002YR2 4HR	15.98	-3.93	-0.26	5.80	5.09	12.8926	11.9305	18.8402	14.4221	12.8926
Pond B Outlet	010YR0 1Hr	11.84	0.00	0.11	5.81	8.05	1.4228	0.0000	2.3725	1.4238	1.4300
Pond B Outlet	010YR0 2Hr	16.57	0.00	-0.12	6.71	8.74	2.0535	0.0000	1.7804	2.0545	2.0614
Pond B Outlet	010YR0	17.24	0.00	0.21	6.84	8.81	2.5133	0.0000	7.4414	2.5137	2.5133

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet	3Hr										
Pond B Outlet	010YR0 6Hr	22.43	-0.54	0.45	7.93	9.27	3.7460	11.9997	7.4404	3.7460	4.0410
Pond B Outlet	010YR1 2Hr	23.83	0.00	0.70	7.93	9.27	7.0041	0.0000	6.9993	6.4594	6.4594
Pond B Outlet	010YR2 4Hr	22.70	-3.23	-0.44	7.22	7.22	12.8926	11.4854	18.8403	12.8926	12.8926
Pond B Outlet	1 1/4" 24hr	3.72	-3.94	0.09	3.42	-4.05	13.4601	12.0001	12.7643	16.9084	12.0006
Pond B Outlet	100YR0 1hr	22.83	0.00	0.20	7.93	9.29	1.4106	0.0000	2.2924	1.5731	1.4241
Pond B Outlet	100YR0 2hr	27.31	0.00	0.20	8.69	9.39	2.1019	0.0000	3.6578	2.1019	2.5314
Pond B Outlet	100YR0 3hr	28.21	0.00	0.45	8.98	9.39	2.5791	0.0000	7.4403	2.5791	3.4306
Pond B Outlet	100YR0 6hr	32.00	0.00	1.74	10.19	10.44	4.0494	0.0000	7.4401	4.0494	4.0494
Pond B Outlet	100YR1 2hr	33.78	0.00	-0.28	10.75	11.05	7.0047	0.0000	18.8440	7.0047	7.0047
Pond B Outlet	100YR2 4hr	30.58	-1.65	-0.86	9.73	9.73	13.0437	10.2887	18.8400	13.0437	13.0437
RearDitch	002YR0 1HR	1.05	0.00	0.00	1.96	1.69	1.1032	0.0000	0.9076	0.9867	1.8186
RearDitch	002YR0 2HR	1.22	0.00	0.00	2.09	1.68	1.5973	0.0000	1.3527	1.3976	2.8775
RearDitch	002YR0 3HR	1.27	0.00	0.00	2.13	1.67	1.9298	0.0000	1.7870	1.8745	3.8868
RearDitch	002YR0 6HR	1.74	0.00	0.00	2.34	1.67	3.3155	0.0000	3.2709	3.3109	11.2661
RearDitch	002YR1 2HR	2.41	0.00	0.00	2.54	1.68	6.2274	0.0000	6.2706	6.2324	23.4946
RearDitch	002YR2 4HR	3.07	0.00	0.00	2.70	1.68	12.1618	0.0000	12.1964	12.1731	39.0263
RearDitch	010YR0 1Hr	2.58	0.00	0.00	2.59	1.68	0.8239	0.0000	0.6851	0.8347	1.8055
RearDitch	010YR0 2Hr	3.26	0.00	0.00	2.74	1.66	1.2859	0.0000	1.3443	1.2948	5.9540
RearDitch	010YR0 3Hr	3.45	0.00	0.00	2.78	1.66	1.7728	0.0000	1.8079	1.7809	7.7829
RearDitch	010YR0 6Hr	4.56	0.00	0.00	2.98	1.66	3.2292	0.0000	3.2906	3.2373	11.8419
RearDitch	010YR1 2Hr	5.32	0.00	0.00	3.08	1.67	6.1850	0.0000	6.2409	6.1855	23.8094
RearDitch	010YR2 4Hr	5.53	0.00	0.00	3.10	1.68	12.1394	0.0000	12.1951	12.1399	42.1436

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
RearDitch	1 1/4" 24hr	0.55	0.00	0.00	1.30	1.64	14.1504	0.0000	16.3815	13.9298	20.9093
RearDitch	100YR0 1hr	6.41	0.00	0.00	3.19	1.63	0.7605	0.0000	0.8305	0.7610	1.8836
RearDitch	100YR0 2hr	8.19	0.00	-0.01	3.35	1.62	1.2418	0.0000	1.2983	1.2420	5.9719
RearDitch	100YR0 3hr	8.74	0.00	-0.01	3.40	1.63	1.7305	0.0000	1.7864	1.7308	8.9620
RearDitch	100YR0 6hr	10.65	0.00	0.01	3.53	1.78	3.2021	0.0000	3.8960	3.2025	4.0196
RearDitch	100YR1 2hr	11.08	0.00	-0.01	3.56	1.69	7.1408	0.0000	6.2524	7.1469	37.1223
RearDitch	100YR2 4hr	10.81	0.00	-0.01	3.54	1.68	13.0521	0.0000	12.1927	13.0676	45.1678
Virgo Dr	002YR0 1HR	8.49	0.00	-0.01	2.51	2.68	0.8015	0.0000	0.8249	0.7500	0.7378
Virgo Dr	002YR0 2HR	9.91	0.00	-0.01	2.64	2.80	1.2869	0.0000	1.3198	1.2383	1.2221
Virgo Dr	002YR0 3HR	10.23	0.00	-0.01	2.66	2.82	1.7778	0.0000	1.8091	1.7316	1.7137
Virgo Dr	002YR0 6HR	12.24	0.00	-0.05	2.81	2.97	3.2502	0.0000	1.9730	3.2031	3.1965
Virgo Dr	002YR1 2HR	13.69	0.00	-0.05	2.91	3.02	6.2066	0.0000	2.1063	6.1882	6.1790
Virgo Dr	002YR2 4HR	14.05	0.00	-0.05	2.93	3.01	12.1538	0.0000	2.1063	12.1444	12.1426
Virgo Dr	010YR0 1Hr	17.65	0.00	-0.01	3.59	3.59	0.7712	0.0000	0.8608	0.7712	0.7712
Virgo Dr	010YR0 2Hr	20.37	0.00	0.01	4.15	4.15	1.2611	0.0000	1.1764	1.2611	1.2611
Virgo Dr	010YR0 3Hr	20.70	0.00	0.01	4.22	4.22	1.7516	0.0000	1.6650	1.7516	1.7516
Virgo Dr	010YR0 6Hr	23.37	0.00	0.02	4.76	4.76	3.2193	0.0000	3.1195	3.2193	3.2193
Virgo Dr	010YR1 2Hr	23.49	0.00	-0.05	4.79	4.79	6.2165	0.0000	2.1063	6.2165	6.2165
Virgo Dr	010YR2 4Hr	22.70	0.00	-0.52	4.62	4.62	12.1514	0.0000	12.9657	12.1514	12.1514
Virgo Dr	1 1/4" 24hr	3.21	0.00	0.00	1.85	1.93	12.2004	0.0000	12.0440	12.1776	12.1731
Virgo Dr	100YR0 1hr	26.09	0.00	0.14	5.31	5.31	0.9922	0.0000	1.7159	0.9922	0.9922
Virgo Dr	100YR0 2hr	27.91	0.00	0.74	5.68	5.68	1.5418	0.0000	2.5311	1.5418	1.5418
Virgo Dr	100YR0	27.98	0.00	-0.19	5.70	5.70	2.0206	0.0000	3.7011	2.0206	2.0206



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	3hr										
Virgo Dr	100YR0 6hr	27.46	0.00	0.50	5.59	5.59	3.4381	0.0000	4.4168	3.4381	3.4381
Virgo Dr	100YR1 2hr	26.57	0.00	0.22	5.41	5.41	6.3458	0.0000	7.6258	6.3458	6.3458
Virgo Dr	100YR2 4hr	24.53	0.00	-0.43	5.00	5.00	12.1976	0.0000	12.9588	12.1976	12.1976
Weir-L4-Outlet	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 6hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR1 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR2 4hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
WindstarDr	002YR01HR	10.53	0.00	0.01	2.22	2.49	0.8359	0.0000	0.6842	0.8047	0.6921
WindstarDr	002YR02HR	12.42	0.00	-0.01	2.34	2.60	1.3245	0.0000	1.4604	1.2913	1.2581
WindstarDr	002YR03HR	12.88	0.00	-0.01	2.36	2.62	1.8130	0.0000	1.9333	1.7784	1.7397
WindstarDr	002YR06HR	15.79	0.00	0.71	2.51	2.75	3.2802	0.0000	11.8299	3.2682	3.1987
WindstarDr	002YR12HR	18.05	0.00	-0.01	2.64	2.86	6.2334	0.0000	6.3804	6.2238	6.2206
WindstarDr	002YR24HR	19.05	0.00	-0.04	2.74	3.01	12.1928	0.0000	12.5291	12.2325	12.2459
WindstarDr	010YR01Hr	22.87	0.00	-0.01	2.88	3.13	0.8031	0.0000	0.9233	0.7787	0.7410
WindstarDr	010YR02Hr	26.97	0.00	-0.01	3.11	3.31	1.2837	0.0000	1.9322	1.2787	1.2745
WindstarDr	010YR03Hr	27.49	0.00	-0.01	3.14	3.34	1.7644	0.0000	1.6870	1.7644	1.7636
WindstarDr	010YR06Hr	31.81	0.00	0.37	3.38	3.54	3.2471	0.0000	12.0017	3.2437	3.2406
WindstarDr	010YR12Hr	32.60	0.00	-0.04	3.44	3.59	6.2096	0.0000	6.6046	6.2072	6.2056
WindstarDr	010YR24Hr	31.95	0.00	1.45	3.47	3.69	12.1648	0.0000	12.9665	12.1767	12.1867
WindstarDr	1 1/4" 24hr	3.80	0.00	-0.01	1.69	2.02	12.2412	0.0000	12.4937	12.2340	12.2229
WindstarDr	100YR01hr	36.29	0.00	-3.23	3.77	3.82	0.8017	0.0000	1.7159	0.8017	0.6749
WindstarDr	100YR02hr	38.29	0.00	4.71	3.98	3.99	1.2870	0.0000	2.3990	1.2870	1.5151
WindstarDr	100YR03hr	38.77	0.00	4.41	4.03	4.04	1.7858	0.0000	3.4306	1.7858	1.9800
WindstarDr	100YR06hr	40.51	0.00	-2.46	4.21	4.22	3.2668	0.0000	5.3352	3.2668	3.3824
WindstarDr	100YR12hr	41.01	0.00	4.65	4.26	4.26	6.2684	0.0000	8.1258	6.2684	6.2684
WindstarDr	100YR24hr	39.49	0.00	5.50	4.10	4.15	12.1516	0.0000	14.4921	12.1516	12.1429

## Node Max Conditions w/ Times [Section 4 Interim]

Node Name	Sim Name	Warning Stage	Max Stage	Min/Max Delta	Max Total	Max Total	Max Surface	Time to Max	Time to Min/Max	Time to Max	Time to Max
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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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-02	002YR01HR	739.81	734.65	0.0010	10.59	10.53	397	0.8486	0.3195	0.8253	0.8359
CI-EX-02	002YR02HR	739.81	734.82	0.0010	12.49	12.42	398	1.3293	0.3195	1.3010	1.3245
CI-EX-02	002YR03HR	739.81	734.85	0.0010	12.94	12.88	398	1.8189	0.3195	1.8029	1.8130
CI-EX-02	002YR06HR	739.81	735.09	0.0010	15.84	15.79	398	3.2851	0.3195	3.2716	3.2802
CI-EX-02	002YR12HR	739.81	735.25	0.0010	18.10	18.05	398	6.2382	0.3195	6.2254	6.2334
CI-EX-02	002YR24HR	739.81	735.32	0.0010	18.97	19.05	398	12.1791	0.3195	12.1691	12.1928
CI-EX-02	010YR01Hr	739.81	735.60	0.0010	22.94	22.87	398	0.8079	0.3195	0.7960	0.8031
CI-EX-02	010YR02Hr	739.81	735.87	0.0010	27.02	26.97	398	1.2878	0.3195	1.2775	1.2837
CI-EX-02	010YR03Hr	739.81	735.92	0.0010	27.59	27.49	398	1.7791	0.3195	1.7645	1.7644
CI-EX-02	010YR06Hr	739.81	736.21	0.0010	31.82	31.81	398	3.2497	0.3195	3.2415	3.2471
CI-EX-02	010YR12Hr	739.81	736.27	0.0010	32.61	32.60	398	6.2126	0.3195	6.2068	6.2096
CI-EX-02	010YR24Hr	739.81	736.14	0.0010	31.84	31.95	398	12.1419	0.3195	12.1580	12.1648
CI-EX-02	1 1/4" 24hr	739.81	733.90	0.0010	3.82	3.80	352	12.2426	0.3551	12.2265	12.2412
CI-EX-02	100YR01hr	739.81	736.54	0.0010	36.29	36.29	398	0.8042	0.3195	0.7993	0.8017
CI-EX-02	100YR02hr	739.81	736.74	0.0010	38.28	38.29	398	1.2867	1.1406	1.2856	1.2870
CI-EX-02	100YR03hr	739.81	736.78	-0.0010	38.77	38.77	398	1.7837	3.5242	1.7833	1.7858
CI-EX-02	100YR06hr	739.81	737.04	0.0013	40.51	40.51	398	3.8066	4.7306	3.2666	3.2668
CI-EX-02	100YR12hr	739.81	737.25	-0.0023	40.91	41.01	398	6.7728	8.1259	6.2701	6.2684
CI-EX-02	100YR24hr	739.81	737.42	-0.0022	39.52	39.49	398	12.6671	13.1263	12.1506	12.1516
CI-Ex-01	002YR01HR	738.95	734.56	0.0009	10.93	10.88	710	0.8503	0.3811	0.8344	0.8504
CI-Ex-01	002YR02HR	738.95	734.72	0.0009	12.91	12.89	718	1.3320	0.3811	1.3228	1.3320
CI-Ex-01	002YR03HR	738.95	734.75	-0.0010	13.39	13.37	719	1.8206	1.9383	1.8122	1.8207
CI-Ex-01	002YR0	738.95	734.98	0.0010	16.45	16.43	720	3.2870	11.3147	3.2792	3.2872

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
1	6HR										
CI-Ex-01	002YR1 2HR	738.95	735.13	0.0009	18.83	18.81	654	6.2400	0.3811	6.2331	6.2400
CI-Ex-01	002YR2 4HR	738.95	735.19	0.0009	19.89	20.06	407	12.1769	0.3811	12.1908	12.1999
CI-Ex-01	010YR0 1Hr	738.95	735.47	0.0009	23.84	23.81	726	0.8095	0.3811	0.8031	0.8095
CI-Ex-01	010YR0 2Hr	738.95	735.72	0.0009	28.14	28.12	726	1.2888	0.3811	1.2835	1.2888
CI-Ex-01	010YR0 3Hr	738.95	735.76	0.0009	28.71	28.64	726	1.7805	0.3811	1.7644	1.7806
CI-Ex-01	010YR0 6Hr	738.95	736.03	0.0010	33.26	33.25	711	3.2513	11.6550	3.2471	3.2513
CI-Ex-01	010YR1 2Hr	738.95	736.08	0.0009	34.15	34.14	537	6.2137	0.3811	6.2072	6.2137
CI-Ex-01	010YR2 4Hr	738.95	735.96	0.0009	33.45	33.64	407	12.1381	0.3811	12.1643	12.1675
CI-Ex-01	1 1/4" 24hr	738.95	733.83	0.0007	3.91	3.91	361	12.2445	0.3809	12.2412	12.2512
CI-Ex-01	100YR0 1hr	738.95	736.35	0.0012	38.38	38.37	726	0.8038	0.6777	0.7997	0.8038
CI-Ex-01	100YR0 2hr	738.95	736.53	0.0014	40.82	40.91	726	1.2837	1.1380	1.2844	1.2843
CI-Ex-01	100YR0 3hr	738.95	736.56	0.0010	41.39	41.38	726	1.7839	1.5985	1.7828	1.7839
CI-Ex-01	100YR0 6hr	738.95	736.97	-0.0010	43.51	43.50	612	3.8284	5.1088	3.2539	3.2564
CI-Ex-01	100YR1 2hr	738.95	737.20	0.0020	43.67	43.81	520	6.8026	8.1259	6.2596	6.2585
CI-Ex-01	100YR2 4hr	738.95	737.40	0.0018	42.02	41.97	425	12.9099	13.1263	12.1503	12.1513
CI-Ex-04	002YR0 1HR	739.37	734.97	0.0010	9.01	8.95	321	0.8303	0.2342	0.8064	0.8169
CI-Ex-04	002YR0 2HR	739.37	735.13	0.0010	10.55	10.48	321	1.3180	0.2342	1.2920	1.3021
CI-Ex-04	002YR0 3HR	739.37	735.17	0.0010	10.90	10.80	321	1.8085	0.2342	1.7824	1.7929
CI-Ex-04	002YR0 6HR	739.37	735.41	0.0010	13.10	13.02	321	3.2769	0.2342	3.2545	3.2652
CI-Ex-04	002YR1 2HR	739.37	735.59	0.0010	14.76	14.68	321	6.2299	0.2342	6.2111	6.2202
CI-Ex-04	002YR2 4HR	739.37	735.65	0.0010	15.29	15.22	322	12.1767	0.2342	12.1574	12.1658
CI-Ex-04	010YR0 1Hr	739.37	735.99	0.0010	18.83	18.71	321	0.8018	0.2342	0.7790	0.7856

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex-04	010YR0 2Hr	739.37	736.32	0.0010	21.81	21.76	321	1.2827	0.2342	1.2679	1.2723
CI-Ex-04	010YR0 3Hr	739.37	736.37	0.0010	22.18	22.13	321	1.7745	0.2342	1.7563	1.7647
CI-Ex-04	010YR0 6Hr	739.37	736.79	0.0010	25.26	25.26	322	3.2491	0.2342	3.2472	3.2497
CI-Ex-04	010YR1 2Hr	739.37	736.86	0.0010	25.72	25.74	322	6.2155	0.2342	6.2309	6.2330
CI-Ex-04	010YR2 4Hr	739.37	736.71	0.0010	24.91	24.97	322	12.1494	0.2342	12.1572	12.1649
CI-Ex-04	1 1/4" 24hr	739.37	734.30	0.0010	3.36	3.35	296	12.2170	0.2456	12.2054	12.2159
CI-Ex-04	100YR0 1hr	739.37	737.26	-0.0013	29.04	29.11	322	0.8271	1.0768	0.9827	0.9801
CI-Ex-04	100YR0 2hr	739.37	737.49	-0.0013	31.05	31.13	322	1.3182	1.6837	1.5175	1.5167
CI-Ex-04	100YR0 3hr	739.37	737.53	-0.0013	31.35	31.41	322	1.8073	2.1986	1.9963	1.9938
CI-Ex-04	100YR0 6hr	739.37	737.70	0.0010	31.76	31.80	322	3.2853	0.2342	3.4194	3.4178
CI-Ex-04	100YR1 2hr	739.37	737.65	0.0010	31.03	31.05	322	6.2279	0.2342	6.3369	6.3354
CI-Ex-04	100YR2 4hr	739.37	737.73	0.0010	28.56	28.52	322	12.4966	0.2456	12.2051	12.2041
CI-Ex-05	002YR0 1HR	739.30	735.06	0.0010	8.55	8.49	214	0.8231	0.2037	0.7931	0.8015
CI-Ex-05	002YR0 2HR	739.30	735.23	0.0010	9.98	9.91	214	1.3110	0.2037	1.2810	1.2869
CI-Ex-05	002YR0 3HR	739.30	735.27	0.0010	10.30	10.23	214	1.8023	0.2037	1.7710	1.7778
CI-Ex-05	002YR0 6HR	739.30	735.52	0.0010	12.31	12.24	214	3.2714	0.2037	3.2434	3.2502
CI-Ex-05	002YR1 2HR	739.30	735.71	0.0010	13.75	13.69	214	6.2264	0.2037	6.2022	6.2066
CI-Ex-05	002YR2 4HR	739.30	735.78	0.0010	14.10	14.05	214	12.1728	0.2037	12.1509	12.1538
CI-Ex-05	010YR0 1Hr	739.30	736.17	0.0010	17.76	17.65	214	0.7982	0.2037	0.7666	0.7712
CI-Ex-05	010YR0 2Hr	739.30	736.56	0.0010	20.48	20.37	214	1.2800	0.2037	1.2539	1.2611
CI-Ex-05	010YR0 3Hr	739.30	736.63	0.0010	20.80	20.70	214	1.7710	0.2037	1.7472	1.7516
CI-Ex-05	010YR0 6Hr	739.30	737.11	0.0010	23.52	23.37	214	3.2464	0.2037	3.2179	3.2193
CI-Ex-05	010YR1	739.30	737.19	0.0010	23.64	23.49	214	6.2166	0.2037	6.1576	6.2165

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
5	2Hr										
CI-Ex-05	010YR2 4Hr	739.30	737.01	0.0010	22.69	22.70	214	12.1506	0.2037	12.1498	12.1514
CI-Ex-05	1 1/4" 24hr	739.30	734.36	0.0008	3.22	3.21	208	12.2118	0.2209	12.1918	12.2004
CI-Ex-05	100YR0 1hr	739.30	737.63	-0.0023	26.65	26.09	214	0.8648	1.0759	0.6713	0.9922
CI-Ex-05	100YR0 2hr	739.30	737.85	-0.0024	27.85	27.91	214	1.3663	1.6829	1.5428	1.5418
CI-Ex-05	100YR0 3hr	739.30	737.89	-0.0023	27.93	27.98	214	1.8476	2.1977	2.0222	2.0206
CI-Ex-05	100YR0 6hr	739.30	738.05	-0.0014	27.43	27.46	214	3.3219	3.8456	3.4373	3.4381
CI-Ex-05	100YR1 2hr	739.30	737.98	0.0010	26.56	26.57	214	6.2348	0.2037	6.3487	6.3458
CI-Ex-05	100YR2 4hr	739.30	737.96	0.0008	24.57	24.53	214	12.4531	0.2209	12.1972	12.1976
CI-Ex318	002YR0 1HR	738.90	735.33	0.0010	0.92	0.86	211	0.8058	0.0994	0.7554	0.7872
CI-Ex318	002YR0 2HR	738.90	735.50	0.0010	1.28	1.18	211	1.2959	0.0994	1.2361	1.2696
CI-Ex318	002YR0 3HR	738.90	735.54	0.0010	1.35	1.21	211	1.7867	0.0994	1.7337	1.7692
CI-Ex318	002YR0 6HR	738.90	735.81	0.0010	1.71	1.58	211	3.2593	0.0994	3.2009	3.2508
CI-Ex318	002YR1 2HR	738.90	736.02	0.0010	2.04	1.88	211	6.2170	0.0994	6.1673	6.2026
CI-Ex318	002YR2 4HR	738.90	736.09	0.0010	2.14	2.05	211	12.1653	0.0994	12.1188	12.1519
CI-Ex318	010YR0 1Hr	738.90	736.72	0.0010	3.33	2.92	211	0.7868	0.0994	0.7223	0.7669
CI-Ex318	010YR0 2Hr	738.90	737.29	0.0010	4.02	3.70	212	1.2708	0.0994	1.1820	1.2501
CI-Ex318	010YR0 3Hr	738.90	737.37	0.0010	4.08	3.80	212	1.7615	0.0994	1.7170	1.7341
CI-Ex318	010YR0 6Hr	738.90	738.05	0.0010	4.96	4.57	212	3.2343	3.1162	3.1838	3.2016
CI-Ex318	010YR1 2Hr	738.90	738.14	0.0010	5.09	4.72	212	6.1910	0.0994	6.1503	6.1581
CI-Ex318	010YR2 4Hr	738.90	737.87	0.0010	4.65	4.41	212	12.1505	0.0994	12.1006	12.1173
CI-Ex318	1 1/4" 24hr	738.90	734.73	0.0010	0.32	0.34	161	12.1979	0.0994	0.1262	0.1906
CI-Ex318	100YR0 1hr	738.90	738.79	-0.0019	7.24	5.88	212	0.8449	1.0780	0.6716	0.6722

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex318	100YR0 2hr	738.90	739.01	-0.0021	7.83	6.15	2437	1.3822	1.6847	1.1396	1.1398
CI-Ex318	100YR0 3hr	738.90	739.04	-0.0020	7.86	6.17	3154	1.8855	2.1995	1.6260	1.6263
CI-Ex318	100YR0 6hr	738.90	739.16	0.0015	7.75	6.10	5758	3.4162	3.0861	3.0866	3.0877
CI-Ex318	100YR1 2hr	738.90	739.12	0.0011	6.94	5.67	4864	6.3610	6.0378	6.0382	6.0391
CI-Ex318	100YR2 4hr	738.90	738.94	0.0010	5.91	5.06	981	12.2560	0.0994	11.9845	11.9852
CI-Ex319	002YR0 1HR	739.00	735.32	0.0010	0.86	0.85	118	0.8068	0.0234	0.7872	0.8029
CI-Ex319	002YR0 2HR	739.00	735.50	0.0010	1.18	1.15	118	1.2965	0.0234	1.2696	1.3105
CI-Ex319	002YR0 3HR	739.00	735.54	0.0010	1.21	1.20	118	1.7872	0.0234	1.7692	1.7903
CI-Ex319	002YR0 6HR	739.00	735.80	0.0010	1.58	1.59	118	3.2609	0.0234	3.2508	3.2726
CI-Ex319	002YR1 2HR	739.00	736.01	0.0010	1.88	1.89	118	6.2174	0.0234	6.2026	6.2338
CI-Ex319	002YR2 4HR	739.00	736.08	0.0010	2.05	2.06	118	12.1649	0.0234	12.1519	12.1782
CI-Ex319	010YR0 1Hr	739.00	736.71	0.0010	2.92	2.86	118	0.7872	0.0234	0.7669	0.7872
CI-Ex319	010YR0 2Hr	739.00	737.27	0.0010	3.70	3.61	118	1.2712	0.0234	1.2501	1.2713
CI-Ex319	010YR0 3Hr	739.00	737.35	0.0010	3.80	3.70	118	1.7618	0.0234	1.7341	1.7619
CI-Ex319	010YR0 6Hr	739.00	738.02	0.0010	4.57	4.43	118	3.2351	0.0234	3.2016	3.2351
CI-Ex319	010YR1 2Hr	739.00	738.11	0.0010	4.72	4.54	118	6.1924	0.0234	6.1581	6.2058
CI-Ex319	010YR2 4Hr	739.00	737.85	0.0010	4.41	4.23	118	12.1511	0.0234	12.1173	12.1260
CI-Ex319	1 1/4" 24hr	739.00	734.78	0.0010	0.32	0.32	113	0.2662	0.0234	0.1145	0.1262
CI-Ex319	100YR0 1hr	739.00	738.75	-0.0019	5.88	5.01	118	0.8470	1.0780	0.6722	0.7643
CI-Ex319	100YR0 2hr	739.00	738.98	-0.0021	6.15	5.07	118	1.3858	1.6848	1.1398	1.2246
CI-Ex319	100YR0 3hr	739.00	739.01	-0.0020	6.17	5.06	231	1.8888	2.1995	1.6263	1.7053
CI-Ex319	100YR0 6hr	739.00	739.13	0.0015	6.10	4.99	2892	3.4296	3.0865	3.0877	3.1430
CI-Ex319	100YR1	739.00	739.09	0.0011	5.67	4.81	2036	6.3712	6.0381	6.0391	6.0660

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
9	2hr										
CI-Ex319	100YR2 4hr	739.00	738.92	0.0010	5.06	4.49	117	12.2573	0.0234	11.9852	12.0602
DS Ex CB	002YR0 1HR	738.91	731.66	0.0007	3.03	0.00	0	3.0013	2.9852	1.6752	0.0000
DS Ex CB	002YR0 2HR	738.91	732.41	0.0015	5.54	0.00	0	6.0010	0.8496	2.3331	0.0000
DS Ex CB	002YR0 3HR	738.91	733.16	0.0023	6.03	0.00	0	9.0016	1.1336	3.1057	0.0000
DS Ex CB	002YR0 6HR	738.91	733.91	0.0042	7.99	1.66	0	12.0001	1.7563	4.2403	11.9997
DS Ex CB	002YR1 2HR	738.91	733.91	0.0042	11.87	0.00	0	11.9999	1.7563	7.4441	0.0000
DS Ex CB	002YR2 4HR	738.91	733.91	0.0042	15.98	3.93	0	12.0000	1.7563	12.8926	11.9305
DS Ex CB	010YR0 1Hr	738.91	731.66	0.0002	11.84	0.00	0	3.0001	0.4503	1.4228	0.0000
DS Ex CB	010YR0 2Hr	738.91	732.41	0.0010	16.57	0.00	0	6.0005	0.7091	2.0535	0.0000
DS Ex CB	010YR0 3Hr	738.91	733.16	0.0016	17.24	0.00	0	9.0001	0.9151	2.5133	0.0000
DS Ex CB	010YR0 6Hr	738.91	733.91	0.0033	22.43	0.54	0	11.9997	1.4539	3.7460	11.9997
DS Ex CB	010YR1 2Hr	738.91	733.91	0.0042	23.83	0.00	0	12.0003	1.7563	7.0041	0.0000
DS Ex CB	010YR2 4Hr	738.91	733.91	0.0042	22.70	3.23	0	12.0000	1.7563	12.8926	11.4854
DS Ex CB	1 1/4" 24hr	738.91	733.91	0.0001	3.72	3.94	0	12.0001	0.1092	13.4601	12.0001
DS Ex CB	100YR0 1hr	738.91	731.66	0.0002	22.83	0.00	0	3.0002	2.3648	1.4106	0.0000
DS Ex CB	100YR0 2hr	738.91	732.41	0.0006	27.31	0.00	0	6.0002	0.5616	2.1019	0.0000
DS Ex CB	100YR0 3hr	738.91	733.16	0.0010	28.21	0.00	0	9.0000	0.7091	2.5791	0.0000
DS Ex CB	100YR0 6hr	738.91	733.91	0.0023	32.00	0.00	0	12.0002	1.1336	4.0494	0.0000
DS Ex CB	100YR1 2hr	738.91	733.91	0.0042	33.78	0.00	0	12.0000	1.7563	7.0047	0.0000
DS Ex CB	100YR2 4hr	738.91	733.91	0.0001	30.58	1.65	0	12.0000	0.1092	13.0437	10.2887
Direct Discharge	002YR0 1HR	0.00	0.00	0.0000	15.19	0.00	0	0.0000	0.0000	0.7500	0.0000
Direct	002YR0	0.00	0.00	0.0000	18.16	0.00	0	0.0000	0.0000	1.2333	0.0000



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Discharge	2HR										
Direct Discharge	002YR0 3HR	0.00	0.00	0.0000	18.71	0.00	0	0.0000	0.0000	1.7333	0.0000
Direct Discharge	002YR0 6HR	0.00	0.00	0.0000	22.57	0.00	0	0.0000	0.0000	3.2000	0.0000
Direct Discharge	002YR1 2HR	0.00	0.00	0.0000	24.96	0.00	0	0.0000	0.0000	6.1666	0.0000
Direct Discharge	002YR2 4HR	0.00	0.00	0.0000	25.18	0.00	0	0.0000	0.0000	12.1166	0.0000
Direct Discharge	010YR0 1Hr	0.00	0.00	0.0000	32.61	0.00	0	0.0000	0.0000	0.7334	0.0000
Direct Discharge	010YR0 2Hr	0.00	0.00	0.0000	37.97	0.00	0	0.0000	0.0000	1.2333	0.0000
Direct Discharge	010YR0 3Hr	0.00	0.00	0.0000	38.58	0.00	0	0.0000	0.0000	1.7167	0.0000
Direct Discharge	010YR0 6Hr	0.00	0.00	0.0000	43.87	0.00	0	0.0000	0.0000	3.1833	0.0000
Direct Discharge	010YR1 2Hr	0.00	0.00	0.0000	44.63	0.00	0	0.0000	0.0000	6.1500	0.0000
Direct Discharge	010YR2 4Hr	0.00	0.00	0.0000	41.17	0.00	0	0.0000	0.0000	12.1167	0.0000
Direct Discharge	1 1/4" 24hr	0.00	0.00	0.0000	4.94	0.00	0	0.0000	0.0000	12.1335	0.0000
Direct Discharge	100YR0 1hr	0.00	0.00	0.0000	64.66	0.00	0	0.0000	0.0000	0.7333	0.0000
Direct Discharge	100YR0 2hr	0.00	0.00	0.0000	75.51	0.00	0	0.0000	0.0000	1.2167	0.0000
Direct Discharge	100YR0 3hr	0.00	0.00	0.0000	76.97	0.00	0	0.0000	0.0000	1.7166	0.0000
Direct	100YR0	0.00	0.00	0.0000	84.94	0.00	0	0.0000	0.0000	3.1834	0.0000

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Discharge	6hr										
Direct Discharge	100YR1 2hr	0.00	0.00	0.0000	79.33	0.00	0	0.0000	0.0000	6.1500	0.0000
Direct Discharge	100YR2 4hr	0.00	0.00	0.0000	66.01	0.00	0	0.0000	0.0000	12.1166	0.0000
EastFarmField	002YR0 1HR	743.00	737.30	0.0005	6.78	0.00	0	3.0013	2.9795	0.8327	0.0000
EastFarmField	002YR0 2HR	743.00	737.80	0.0010	8.19	0.00	0	6.0010	0.8554	1.3158	0.0000
EastFarmField	002YR0 3HR	743.00	738.30	0.0016	8.51	0.00	0	9.0016	1.1429	1.8035	0.0000
EastFarmField	002YR0 6HR	743.00	738.80	0.0028	10.61	0.03	0	12.0001	1.7730	3.2813	9.4003
EastFarmField	002YR1 2HR	743.00	738.80	0.0028	12.43	0.00	0	11.9999	1.7730	6.2369	0.0000
EastFarmField	002YR2 4HR	743.00	738.80	0.0028	13.55	0.00	0	12.0000	1.7730	12.1864	0.0000
EastFarmField	010YR0 1Hr	743.00	737.30	0.0001	15.49	0.00	0	3.0001	0.4538	0.8187	0.0000
EastFarmField	010YR0 2Hr	743.00	737.80	0.0007	18.38	0.00	0	6.0005	0.7132	1.3039	0.0000
EastFarmField	010YR0 3Hr	743.00	738.30	0.0011	18.84	0.00	0	9.0001	0.9610	1.7965	0.0000
EastFarmField	010YR0 6Hr	743.00	738.80	0.0022	22.05	0.03	0	11.9997	1.4805	3.2767	9.3995
EastFarmField	010YR1 2Hr	743.00	738.80	0.0028	23.64	0.00	0	12.0003	1.7730	6.2352	0.0000
EastFarmField	010YR2 4Hr	743.00	738.80	0.0028	23.25	0.00	0	12.0000	1.7730	12.1853	0.0000
EastFarmField	1 1/4" 24hr	743.00	738.80	0.0000	2.01	0.03	0	12.0001	0.1089	12.2179	9.4112
EastFarmField	100YR0 1hr	743.00	737.30	0.0001	32.02	0.00	0	3.0002	2.3648	0.8140	0.0000
EastFarmField	100YR0 2hr	743.00	737.80	0.0004	37.74	0.00	0	6.0002	0.5616	1.3007	0.0000
EastFarmField	100YR0 3hr	743.00	738.30	0.0007	38.86	0.00	0	9.0000	0.7132	1.7909	0.0000
EastFarmField	100YR0 6hr	743.00	738.80	0.0016	43.46	0.03	0	12.0002	1.1429	3.2755	9.3960
EastFarmField	100YR1 2hr	743.00	738.80	0.0028	42.13	0.00	0	12.0000	1.7730	6.2359	0.0000
EastFarmField	100YR2	743.00	738.80	0.0000	37.41	0.00	0	12.0000	0.1089	12.1830	0.0000

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
mField	4hr										
Ex Pond A	002YR0 1HR	738.00	735.25	-0.0001	11.87	0.82	63909	1.3829	2.9795	0.7666	1.3951
Ex Pond A	002YR0 2HR	738.00	735.35	0.0002	14.84	1.03	64452	2.2657	1.3932	1.2500	2.2761
Ex Pond A	002YR0 3HR	738.00	735.37	0.0002	15.55	1.08	64582	3.2012	1.9295	1.7334	3.2149
Ex Pond A	002YR0 6HR	738.00	735.46	0.0003	20.00	1.27	65087	5.2101	3.2882	3.2167	5.1793
Ex Pond A	002YR1 2HR	738.00	735.53	0.0003	23.58	1.42	65530	8.0063	6.2448	6.1667	7.9957
Ex Pond A	002YR2 4HR	738.00	735.62	0.0003	25.11	1.51	66034	14.0989	12.1834	12.1332	14.1439
Ex Pond A	010YR0 1Hr	738.00	735.63	0.0003	29.84	1.54	66086	1.3921	0.8214	0.7500	1.2702
Ex Pond A	010YR0 2Hr	738.00	735.82	0.0003	36.31	1.85	67181	2.2694	1.3011	1.2333	2.1609
Ex Pond A	010YR0 3Hr	738.00	735.87	0.0003	37.39	1.92	67454	3.2044	1.7929	1.7333	3.2004
Ex Pond A	010YR0 6Hr	738.00	736.04	-0.0003	44.64	2.21	68533	5.2255	11.3137	3.2000	5.2330
Ex Pond A	010YR1 2Hr	738.00	736.15	-0.0005	46.98	2.41	69297	8.0122	18.1275	6.1667	7.3171
Ex Pond A	010YR2 4Hr	738.00	736.29	-0.0004	44.70	2.64	70285	13.9483	28.5730	12.1167	14.2592
Ex Pond A	1 1/4" 24hr	738.00	735.00	0.0000	3.12	0.32	62488	0.0000	12.1537	12.1500	0.1145
Ex Pond A	100YR0 1hr	738.00	736.35	0.0004	64.31	2.68	70696	1.4136	0.7911	0.7334	1.7593
Ex Pond A	100YR0 2hr	738.00	736.79	0.0004	76.75	3.17	73827	2.3172	1.2572	1.2200	3.2077
Ex Pond A	100YR0 3hr	738.00	736.94	0.0004	79.20	3.34	74942	3.2514	1.7557	1.7167	4.1554
Ex Pond A	100YR0 6hr	738.00	737.40	-0.0007	89.37	3.78	78242	6.0664	15.7018	3.1834	7.1477
Ex Pond A	100YR1 2hr	738.00	737.50	-0.0007	85.20	3.84	78967	8.9537	20.4611	6.1500	11.4144
Ex Pond A	100YR2 4hr	738.00	737.53	0.0005	72.54	3.86	79121	14.7111	12.0997	12.1166	17.3239
Ex Pond B	002YR0 1HR	737.00	733.42	0.0004	18.69	3.03	42055	1.6747	0.9031	0.8834	1.6752
Ex Pond B	002YR0 2HR	737.00	733.66	0.0007	22.40	5.54	42941	2.3326	1.4562	1.3633	2.3331
Ex Pond B	002YR0 3HR	737.00	733.70	0.0007	23.37	6.03	43088	3.1051	1.9295	1.8498	3.1057

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ex Pond B	002YR0 6HR	737.00	733.88	0.0008	29.49	7.99	43676	12.0001	10.9745	3.3168	4.2403
Ex Pond B	002YR1 2HR	737.00	734.07	0.0007	35.14	11.87	44350	6.9855	6.2912	6.2695	7.4441
Ex Pond B	002YR2 4HR	737.00	734.72	0.0010	39.53	15.98	46213	12.7090	10.1404	12.2207	12.8926
Ex Pond B	010YR0 1Hr	737.00	734.11	0.0006	42.34	11.84	44532	1.4222	0.8219	0.8465	1.4228
Ex Pond B	010YR0 2Hr	737.00	734.38	0.0007	50.00	16.57	45403	2.0528	1.3011	1.3259	2.0535
Ex Pond B	010YR0 3Hr	737.00	734.41	0.0007	51.62	17.24	45503	2.5128	1.7931	1.8164	2.5133
Ex Pond B	010YR0 6Hr	737.00	734.68	0.0009	61.57	22.43	46334	3.8781	11.3429	3.3012	3.7460
Ex Pond B	010YR1 2Hr	737.00	735.01	-0.0006	66.70	23.83	47354	6.8972	7.7613	6.2608	7.0041
Ex Pond B	010YR2 4Hr	737.00	735.77	0.0010	67.11	22.70	50174	12.7979	10.3638	12.1981	12.8926
Ex Pond B	1 1/4" 24hr	737.00	733.79	0.0002	9.82	3.72	43212	12.8668	12.2704	12.2751	13.4601
Ex Pond B	100YR0 1hr	737.00	735.35	-0.0007	81.89	22.83	48549	1.4101	2.1568	0.9065	1.4106
Ex Pond B	100YR0 2hr	737.00	736.04	0.0007	93.59	27.31	51261	2.1013	1.2731	1.4000	2.1019
Ex Pond B	100YR0 3hr	737.00	736.19	0.0008	96.72	28.21	51743	2.5786	1.9343	1.8723	2.5791
Ex Pond B	100YR0 6hr	737.00	736.88	0.0009	109.33	32.00	54818	4.0490	3.4602	3.3696	4.0494
Ex Pond B	100YR1 2hr	737.00	737.13	0.0008	109.39	33.78	55345	6.9992	6.3567	6.2984	7.0047
Ex Pond B	100YR2 4hr	737.00	737.38	0.0008	100.29	30.58	55345	12.9294	12.2111	12.2231	13.0437
Lake 1	002YR0 1HR	748.00	743.31	0.0005	17.09	0.88	24297	1.6205	0.9031	0.8334	1.6041
Lake 1	002YR0 2HR	748.00	743.68	0.0010	19.90	1.03	25354	2.4411	1.4562	1.3166	2.4315
Lake 1	002YR0 3HR	748.00	743.80	0.0010	20.43	1.08	25703	3.3506	1.9295	1.8167	3.3372
Lake 1	002YR0 6HR	748.00	744.19	0.0010	23.98	1.22	26834	6.1711	3.2882	3.2834	6.1953
Lake 1	002YR1 2HR	748.00	744.47	0.0010	26.38	1.49	27669	8.8033	6.2912	6.2499	8.8221
Lake 1	002YR2 4HR	748.00	744.75	0.0010	27.03	2.00	28471	14.0139	12.1980	12.1834	13.9738
Lake 1	010YR0	748.00	744.42	0.0009	34.10	1.42	27515	1.6408	0.8214	0.8167	1.6395

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1Hr										
Lake 1	010YR0 2Hr	748.00	744.95	0.0009	39.12	2.38	29061	2.3845	1.3011	1.3167	2.3746
Lake 1	010YR0 3Hr	748.00	745.09	0.0009	39.54	2.55	29450	3.2656	1.7929	1.8000	3.2525
Lake 1	010YR0 6Hr	748.00	745.50	0.0007	44.41	3.00	30655	5.1225	3.2695	3.2833	5.0956
Lake 1	010YR1 2Hr	748.00	745.81	-0.0010	45.50	3.29	31538	7.7783	18.1275	6.2334	7.7605
Lake 1	010YR2 4Hr	748.00	746.07	-0.0010	43.08	3.51	32318	13.6812	33.9640	12.1834	13.6553
Lake 1	1 1/4" 24hr	748.00	742.64	0.0003	6.09	0.52	22430	14.2890	12.2001	12.2165	14.2690
Lake 1	100YR0 1hr	748.00	746.03	0.0010	64.41	3.48	32205	1.5755	0.8101	0.8167	1.5729
Lake 1	100YR0 2hr	748.00	746.93	0.0010	74.19	4.16	35030	2.3772	1.2581	1.3166	2.3702
Lake 1	100YR0 3hr	748.00	747.19	0.0010	75.61	4.76	37185	3.2361	1.7565	1.8000	3.2315
Lake 1	100YR0 6hr	748.00	747.55	-0.0010	82.67	9.05	40784	4.2447	26.6832	3.2667	4.2295
Lake 1	100YR1 2hr	748.00	747.67	-0.0010	78.57	10.29	42060	7.1046	19.3642	6.2333	7.0923
Lake 1	100YR2 4hr	748.00	747.64	0.0010	67.74	10.06	41771	13.0091	12.2111	12.1833	13.0071
Lake 2	002YR0 1HR	741.00	735.37	0.0001	16.36	0.26	76768	1.7351	0.9031	0.7834	1.7298
Lake 2	002YR0 2HR	741.00	735.52	0.0003	19.82	0.45	77647	2.5449	1.4562	1.2667	2.5380
Lake 2	002YR0 3HR	741.00	735.58	0.0003	20.58	0.53	78016	3.4535	1.9295	1.7666	3.4834
Lake 2	002YR0 6HR	741.00	735.78	0.0003	25.63	0.82	79244	6.2948	3.2882	3.2334	6.2677
Lake 2	002YR1 2HR	741.00	735.95	0.0003	29.75	1.01	80271	12.0868	6.2814	6.2000	12.0851
Lake 2	002YR2 4HR	741.00	736.10	0.0004	32.05	1.15	81271	17.7542	12.1980	12.1501	17.7087
Lake 2	010YR0 1Hr	741.00	735.82	0.0003	38.16	0.88	79486	1.6619	0.8214	0.7833	1.6582
Lake 2	010YR0 2Hr	741.00	736.10	0.0003	45.66	1.15	81278	2.4981	1.3011	1.2667	2.5124
Lake 2	010YR0 3Hr	741.00	736.20	0.0003	46.78	1.23	81999	3.4149	1.7929	1.7500	3.4053
Lake 2	010YR0 6Hr	741.00	736.56	0.0003	55.17	1.51	84459	6.2874	3.2695	3.2334	6.2674

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Lake 2	010YR1 2Hr	741.00	736.79	-0.0004	58.39	1.67	86080	12.0813	18.1275	6.2000	12.0411
Lake 2	010YR2 4Hr	741.00	736.94	-0.0006	56.73	1.77	87121	17.8060	39.1951	12.1500	17.7669
Lake 2	1 1/4" 24hr	741.00	735.25	0.0001	4.94	0.12	75995	24.0001	12.1668	12.1665	23.9734
Lake 2	100YR0 1hr	741.00	736.69	0.0004	80.56	1.61	85424	1.6765	0.7911	0.7667	1.6586
Lake 2	100YR0 2hr	741.00	737.25	0.0004	96.11	1.97	89310	2.5136	1.2572	1.2500	2.5040
Lake 2	100YR0 3hr	741.00	737.48	0.0004	99.40	2.08	90868	3.4316	1.7557	1.7500	3.4285
Lake 2	100YR0 6hr	741.00	738.11	-0.0008	112.72	2.35	95304	6.3160	33.3575	3.2333	6.2862
Lake 2	100YR1 2hr	741.00	738.36	-0.0007	108.68	2.44	97008	12.1514	34.1437	6.1833	12.1437
Lake 2	100YR2 4hr	741.00	738.32	0.0005	94.71	2.42	96724	18.1964	12.1806	12.1500	18.1209
Lake 4	002YR0 1HR	733.00	730.10	0.0004	46.07	1.73	94296	1.8763	1.0901	0.8339	1.8734
Lake 4	002YR0 2HR	733.00	730.39	0.0009	56.20	5.94	95845	2.4406	1.4562	1.3629	2.4395
Lake 4	002YR0 3HR	733.00	730.46	0.0008	57.87	7.31	96224	3.2453	1.9529	1.8500	3.2453
Lake 4	002YR0 6HR	733.00	730.64	0.0008	68.34	11.00	97163	4.4940	3.4232	3.2979	4.4917
Lake 4	002YR1 2HR	733.00	730.86	0.0007	75.55	16.58	98372	7.1713	6.2912	6.2402	7.1736
Lake 4	002YR2 4HR	733.00	731.10	0.0008	79.03	21.89	99648	13.1135	12.1980	12.1765	13.0904
Lake 4	010YR0 1Hr	733.00	730.90	0.0006	91.05	17.71	98582	1.7431	0.8214	0.8106	1.7281
Lake 4	010YR0 2Hr	733.00	731.21	0.0006	103.14	24.37	100306	2.4984	1.3011	1.2830	2.5002
Lake 4	010YR0 3Hr	733.00	731.30	0.0006	104.71	26.28	100818	3.1692	1.7929	1.7707	3.1693
Lake 4	010YR0 6Hr	733.00	731.48	0.0005	116.36	30.31	101798	4.8221	3.2695	3.2333	4.8204
Lake 4	010YR1 2Hr	733.00	731.61	0.0005	119.42	34.09	102517	7.4174	6.2307	6.1908	7.4153
Lake 4	010YR2 4Hr	733.00	731.76	0.0006	115.06	38.01	103371	13.2057	11.3685	12.1399	13.2065
Lake 4	1 1/4" 24hr	733.00	729.65	0.0002	15.65	0.76	91680	20.6584	12.3062	12.3104	20.5623
Lake 4	100YR0	733.00	731.58	0.0006	153.67	33.33	102364	1.6311	0.7911	0.7519	1.6311

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1hr										
Lake 4	100YR0 2hr	733.00	732.01	0.0006	171.03	41.54	104752	2.2923	1.2572	1.2233	2.2926
Lake 4	100YR0 3hr	733.00	732.13	0.0006	174.36	42.96	105433	3.0995	1.7557	1.7171	3.1040
Lake 4	100YR0 6hr	733.00	732.48	0.0005	185.56	47.31	107377	4.4160	3.3625	3.1809	4.4062
Lake 4	100YR1 2hr	733.00	732.70	0.0007	179.24	48.52	108585	7.2638	5.1576	6.1535	7.2523
Lake 4	100YR2 4hr	733.00	732.81	0.0006	162.41	49.09	109195	13.0727	12.0997	12.1102	13.0635
Ninevah RdBasin	002YR0 1HR	742.00	739.21	-0.0009	6.79	6.78	351	0.8342	1.8720	0.8266	0.8327
Ninevah RdBasin	002YR0 2HR	742.00	739.31	-0.0010	8.19	8.19	364	1.3176	2.7618	1.3104	1.3158
Ninevah RdBasin	002YR0 3HR	742.00	739.34	-0.0007	8.52	8.51	367	1.8056	3.7043	1.8001	1.8035
Ninevah RdBasin	002YR0 6HR	742.00	739.48	0.0009	10.62	10.61	383	3.2834	2.8254	3.2707	3.2813
Ninevah RdBasin	002YR1 2HR	742.00	739.59	0.0006	12.44	12.43	397	6.2371	4.6654	6.2333	6.2369
Ninevah RdBasin	002YR2 4HR	742.00	739.66	0.0010	13.56	13.55	381	12.1861	9.0037	12.1832	12.1864
Ninevah RdBasin	010YR0 1Hr	742.00	739.77	0.0006	15.50	15.49	410	0.8194	0.4895	0.8167	0.8187
Ninevah RdBasin	010YR0 2Hr	742.00	739.94	0.0007	18.40	18.38	421	1.3044	0.9643	1.3000	1.3039
Ninevah RdBasin	010YR0 3Hr	742.00	739.96	0.0007	18.87	18.84	423	1.7998	1.3703	1.7842	1.7965
Ninevah RdBasin	010YR0 6Hr	742.00	740.14	0.0009	22.07	22.05	451	3.2783	2.4057	3.2667	3.2767
Ninevah RdBasin	010YR1 2Hr	742.00	740.23	-0.0008	23.66	23.64	454	6.2360	16.5143	6.2332	6.2352
Ninevah RdBasin	010YR2 4Hr	742.00	740.20	0.0009	23.27	23.25	420	12.1854	9.0042	12.1834	12.1853
Ninevah RdBasin	1 1/4" 24hr	742.00	738.85	-0.0002	2.00	2.01	316	12.1923	16.5018	12.2165	12.2179
Ninevah RdBasin	100YR0 1hr	742.00	740.67	-0.0006	32.04	32.02	455	0.8146	2.1167	0.8009	0.8140
Ninevah RdBasin	100YR0 2hr	742.00	740.98	0.0006	37.76	37.74	455	1.3011	0.8017	1.2995	1.3007
Ninevah RdBasin	100YR0 3hr	742.00	741.04	0.0007	38.91	38.86	455	1.7918	1.0955	1.7834	1.7909
Ninevah RdBasin	100YR0 6hr	742.00	741.29	0.0009	43.59	43.46	941	3.2762	1.8199	3.2667	3.2755

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ninevah RdBasin	100YR1 2hr	742.00	741.22	-0.0007	42.19	42.13	779	6.2365	6.7544	6.2277	6.2359
Ninevah RdBasin	100YR2 4hr	742.00	740.96	-0.0007	37.41	37.41	421	12.1836	12.6480	12.1831	12.1830
Outlet 4	002YR0 1HR	725.00	725.00	0.0000	1.73	0.00	0	0.0000	0.0000	1.9017	0.0000
Outlet 4	002YR0 2HR	725.00	725.00	0.0000	5.94	0.00	0	0.0000	0.0000	2.4520	0.0000
Outlet 4	002YR0 3HR	725.00	725.00	0.0000	7.31	0.00	0	0.0000	0.0000	3.2786	0.0000
Outlet 4	002YR0 6HR	725.00	725.00	0.0000	11.00	0.00	0	0.0000	0.0000	4.5311	0.0000
Outlet 4	002YR1 2HR	725.00	725.00	0.0000	16.58	0.00	0	0.0000	0.0000	7.1965	0.0000
Outlet 4	002YR2 4HR	725.00	725.00	0.0000	21.92	0.00	0	0.0000	0.0000	13.0884	0.0000
Outlet 4	010YR0 1Hr	725.00	725.00	0.0000	17.67	0.00	0	0.0000	0.0000	1.7533	0.0000
Outlet 4	010YR0 2Hr	725.00	725.00	0.0000	24.37	0.00	0	0.0000	0.0000	2.5148	0.0000
Outlet 4	010YR0 3Hr	725.00	725.00	0.0000	26.36	0.00	0	0.0000	0.0000	3.1710	0.0000
Outlet 4	010YR0 6Hr	725.00	725.00	0.0000	30.31	0.00	0	0.0000	0.0000	4.8296	0.0000
Outlet 4	010YR1 2Hr	725.00	725.00	0.0000	34.09	0.00	0	0.0000	0.0000	7.4493	0.0000
Outlet 4	010YR2 4Hr	725.00	725.00	0.0000	38.01	0.00	0	0.0000	0.0000	13.2136	0.0000
Outlet 4	1 1/4" 24hr	725.00	725.00	0.0000	0.76	0.00	0	0.0000	0.0000	20.4634	0.0000
Outlet 4	100YR0 1hr	725.00	725.00	0.0000	33.33	0.00	0	0.0000	0.0000	1.6547	0.0000
Outlet 4	100YR0 2hr	725.00	725.00	0.0000	41.54	0.00	0	0.0000	0.0000	2.3185	0.0000
Outlet 4	100YR0 3hr	725.00	725.00	0.0000	42.95	0.00	0	0.0000	0.0000	3.1334	0.0000
Outlet 4	100YR0 6hr	725.00	725.00	0.0000	47.31	0.00	0	0.0000	0.0000	4.4453	0.0000
Outlet 4	100YR1 2hr	725.00	725.00	0.0000	48.52	0.00	0	0.0000	0.0000	7.2583	0.0000
Outlet 4	100YR2 4hr	725.00	725.00	0.0000	49.11	0.00	0	0.0000	0.0000	13.0472	0.0000
Outlet1	002YR0 1HR	746.34	740.61	-0.0003	1.24	1.24	389	0.9426	2.1336	0.9163	0.9426
Outlet1	002YR0	746.34	740.68	-0.0003	1.59	1.58	407	1.4042	2.6267	1.3805	1.4045



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2HR										
Outlet1	002YR0 3HR	746.34	740.70	-0.0003	1.69	1.68	412	1.8914	3.5724	1.8667	1.8917
Outlet1	002YR0 6HR	746.34	740.82	0.0003	2.35	2.34	434	3.3562	3.0908	3.3430	3.3562
Outlet1	002YR1 2HR	746.34	740.94	0.0004	3.09	3.08	450	6.2966	6.0022	6.2796	6.2966
Outlet1	002YR2 4HR	746.34	741.04	0.0007	3.80	3.79	459	12.2244	11.3643	12.2125	12.2244
Outlet1	010YR0 1Hr	746.34	741.02	-0.0004	3.67	3.66	458	0.8897	1.5633	0.8676	0.8898
Outlet1	010YR0 2Hr	746.34	741.14	-0.0005	4.56	4.54	464	1.3713	2.3724	1.3501	1.3714
Outlet1	010YR0 3Hr	746.34	741.17	0.0004	4.78	4.77	465	1.8584	1.5935	1.8457	1.8584
Outlet1	010YR0 6Hr	746.34	741.33	0.0004	6.10	6.09	466	3.3434	3.0299	3.3303	3.3435
Outlet1	010YR1 2Hr	746.34	741.43	0.0005	7.00	6.99	466	6.2901	5.4977	6.2787	6.2901
Outlet1	010YR2 4Hr	746.34	741.47	0.0007	7.36	7.35	466	12.2369	10.0696	12.2168	12.2369
Outlet1	1 1/4" 24hr	746.34	740.29	0.0003	0.21	0.21	260	12.3776	12.1606	12.3337	12.3781
Outlet1	100YR0 1hr	746.34	741.63	-0.0005	8.87	8.86	466	0.9023	1.1606	0.8894	0.9023
Outlet1	100YR0 2hr	746.34	741.81	0.0004	10.66	10.65	466	1.4005	1.0878	1.3890	1.4005
Outlet1	100YR0 3hr	746.34	741.85	-0.0005	11.15	11.15	466	1.8906	2.2523	1.8834	1.8907
Outlet1	100YR0 6hr	746.34	742.00	-0.0008	12.83	12.82	466	3.3707	3.7946	3.3659	3.3707
Outlet1	100YR1 2hr	746.34	742.01	-0.0009	12.91	12.90	466	6.3290	6.7549	6.3166	6.3291
Outlet1	100YR2 4hr	746.34	741.94	-0.0010	12.10	12.10	466	12.2678	12.6470	12.2636	12.2679
Outlet2	002YR0 1HR	738.50	736.92	0.0002	1.49	1.44	1500	0.9181	0.5161	0.7675	0.9181
Outlet2	002YR0 2HR	738.50	736.97	0.0002	1.98	1.85	1641	1.3392	1.0575	1.2431	1.3397
Outlet2	002YR0 3HR	738.50	736.99	0.0002	2.12	1.97	1687	1.8283	1.5583	1.7333	1.8284
Outlet2	002YR0 6HR	738.50	737.08	0.0003	3.04	2.77	2571	3.2921	3.0054	3.2074	3.2923
Outlet2	002YR1 2HR	738.50	737.17	0.0003	4.16	3.70	3562	6.2496	5.7773	6.1667	6.2499

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Outlet2	002YR2 4HR	738.50	737.25	0.0003	5.13	4.56	4385	12.1980	11.3748	12.1167	12.1983
Outlet2	010YR0 1Hr	738.50	737.21	0.0002	4.66	4.10	3921	0.8404	0.5541	0.7334	0.8405
Outlet2	010YR0 2Hr	738.50	737.29	0.0003	5.95	5.05	4769	1.3231	1.0321	1.2258	1.3232
Outlet2	010YR0 3Hr	738.50	737.31	0.0003	6.27	5.30	4969	1.8145	1.5140	1.7167	1.8146
Outlet2	010YR0 6Hr	738.50	737.42	0.0003	8.20	6.74	6096	3.2850	3.0174	3.1852	3.2850
Outlet2	010YR1 2Hr	738.50	737.49	0.0004	9.37	7.74	6809	6.2434	5.0078	6.1498	6.2434
Outlet2	010YR2 4Hr	738.50	737.51	0.0004	9.46	8.09	7036	12.1954	9.5149	12.1000	12.1954
Outlet2	1 1/4" 24hr	738.50	736.76	0.0002	0.57	0.57	1130	13.9609	12.0469	13.8795	13.9620
Outlet2	100YR0 1hr	738.50	737.59	0.0003	11.93	9.36	7853	0.8312	0.5180	0.7185	0.8313
Outlet2	100YR0 2hr	738.50	737.73	0.0003	15.16	11.39	9267	1.3219	1.0155	1.2091	1.3219
Outlet2	100YR0 3hr	738.50	737.76	0.0003	16.07	12.06	9652	1.8118	1.5062	1.6995	1.8118
Outlet2	100YR0 6hr	738.50	737.89	0.0005	19.37	14.52	10954	3.2873	34.2056	3.1677	3.2873
Outlet2	100YR1 2hr	738.50	737.91	0.0004	18.94	14.80	11078	6.2546	4.0128	6.1341	6.2547
Outlet2	100YR2 4hr	738.50	737.86	0.0002	16.87	14.04	10563	12.2124	12.6669	12.1044	12.3634
PR403	002YR0 1HR	748.89	741.45	0.0003	0.85	0.85	356	0.7349	0.6047	0.8765	0.8964
PR403	002YR0 2HR	748.89	741.49	0.0003	1.10	1.09	373	1.3549	1.0838	1.3421	1.3602
PR403	002YR0 3HR	748.89	741.50	0.0004	1.17	1.16	378	1.8467	1.5700	1.8381	1.8511
PR403	002YR0 6HR	748.89	741.58	0.0005	1.62	1.62	400	3.3133	3.0345	3.3021	3.3168
PR403	002YR1 2HR	748.89	741.66	0.0006	2.15	2.15	418	6.2460	5.9144	6.2274	6.2462
PR403	002YR2 4HR	748.89	741.73	0.0010	2.66	2.65	431	12.1880	11.2284	12.1700	12.1868
PR403	010YR0 1Hr	748.89	741.71	0.0003	2.54	2.53	428	0.8563	0.5747	0.8387	0.8553
PR403	010YR0 2Hr	748.89	741.79	0.0004	3.16	3.15	440	1.3390	1.0579	1.3206	1.3365
PR403	010YR0	748.89	741.82	0.0005	3.31	3.30	442	1.8290	1.5439	1.8086	1.8252

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3Hr										
PR403	010YR0 6Hr	748.89	741.93	0.0006	4.20	4.19	448	3.3259	2.9360	3.3046	3.3224
PR403	010YR1 2Hr	748.89	742.02	0.0009	4.84	4.82	449	6.2721	5.4192	6.2485	6.2668
PR403	010YR2 4Hr	748.89	742.05	0.0010	5.10	5.08	449	12.2198	9.9044	12.1962	12.2114
PR403	1 1/4" 24hr	748.89	741.27	0.0004	0.14	0.15	252	12.2606	12.1074	12.3034	12.3273
PR403	100YR0 1hr	748.89	742.19	-0.0006	6.05	6.04	449	0.8981	1.1430	0.8783	0.8983
PR403	100YR0 2hr	748.89	742.37	0.0005	7.16	7.16	449	1.4117	1.0155	1.4012	1.4206
PR403	100YR0 3hr	748.89	742.42	0.0006	7.45	7.46	450	1.9067	1.4285	1.9004	1.9192
PR403	100YR0 6hr	748.89	742.61	-0.0009	8.43	8.45	450	3.3937	3.7828	3.4035	3.4319
PR403	100YR1 2hr	748.89	742.62	0.0010	8.48	8.51	450	6.3500	4.3965	6.3586	6.3741
PR403	100YR2 4hr	748.89	742.53	-0.0010	8.04	8.05	450	12.2876	12.6457	12.2855	12.3086
PR405	002YR0 1HR	752.00	747.53	0.0005	0.85	0.85	113	0.8756	0.5775	0.8667	0.8765
PR405	002YR0 2HR	752.00	747.59	0.0006	1.10	1.10	113	1.3399	1.0575	1.3333	1.3421
PR405	002YR0 3HR	752.00	747.61	0.0007	1.17	1.17	113	1.8357	1.5512	1.8333	1.8381
PR405	002YR0 6HR	752.00	747.70	0.0008	1.62	1.62	114	3.3018	3.0117	3.2999	3.3021
PR405	002YR1 2HR	752.00	747.80	0.0008	2.15	2.15	127	6.2262	5.8614	6.2167	6.2274
PR405	002YR2 4HR	752.00	747.89	0.0010	2.66	2.66	138	12.1693	11.1042	12.1667	12.1700
PR405	010YR0 1Hr	752.00	747.87	0.0006	2.55	2.54	136	0.8376	0.5413	0.8334	0.8387
PR405	010YR0 2Hr	752.00	747.96	0.0008	3.16	3.16	145	1.3195	1.0321	1.3167	1.3206
PR405	010YR0 3Hr	752.00	747.98	0.0009	3.31	3.31	147	1.8077	1.5140	1.8000	1.8086
PR405	010YR0 6Hr	752.00	748.48	-0.0010	4.25	4.20	234	3.3041	3.4400	3.2667	3.3046
PR405	010YR1 2Hr	752.00	748.76	-0.0010	4.92	4.84	296	6.2482	6.4449	6.2000	6.2485
PR405	010YR2 4Hr	752.00	748.88	0.0010	5.19	5.10	323	12.1962	9.7586	12.1500	12.1962

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
PR405	1 1/4" 24hr	752.00	747.28	0.0006	0.14	0.14	113	12.3029	12.0469	12.2834	12.3034
PR405	100YR0 1hr	752.00	749.40	-0.0010	6.28	6.05	628	0.8778	1.1227	0.8167	0.8783
PR405	100YR0 2hr	752.00	750.11	-0.0010	7.90	7.16	1097	1.4006	1.6115	1.2833	1.4012
PR405	100YR0 3hr	752.00	750.32	-0.0010	8.39	7.45	1195	1.8996	2.1701	1.7833	1.9004
PR405	100YR0 6hr	752.00	751.08	-0.0010	10.18	8.43	1567	3.4024	3.6770	3.2333	3.4035
PR405	100YR1 2hr	752.00	751.12	-0.0010	10.37	8.48	1597	6.3581	6.6724	6.2000	6.3586
PR405	100YR2 4hr	752.00	750.76	-0.0010	9.48	8.04	1401	12.2864	12.6136	12.1500	12.2855
STR 461	002YR0 1HR	741.20	734.96	0.0002	0.26	0.26	331	1.8213	0.8199	1.7611	1.8423
STR 461	002YR0 2HR	741.20	735.05	0.0003	0.45	0.45	336	2.6436	1.2964	2.5456	2.6436
STR 461	002YR0 3HR	741.20	735.08	0.0003	0.53	0.53	337	3.4342	1.7827	3.4834	3.4880
STR 461	002YR0 6HR	741.20	735.18	0.0005	0.82	0.82	339	6.2999	3.2298	6.2677	6.3372
STR 461	002YR1 2HR	741.20	735.28	0.0006	1.01	1.01	339	6.2326	6.1588	12.1239	12.1862
STR 461	002YR2 4HR	741.20	735.37	0.0005	1.15	1.15	339	12.2129	12.0735	17.8044	17.7706
STR 461	010YR0 1Hr	741.20	735.84	-0.0008	1.16	0.92	339	0.8758	0.9530	0.7401	0.8658
STR 461	010YR0 2Hr	741.20	736.36	-0.0008	1.73	1.41	339	1.3801	1.4878	1.3069	1.3589
STR 461	010YR0 3Hr	741.20	736.44	0.0009	1.80	1.45	339	1.8725	1.7929	1.7964	1.8515
STR 461	010YR0 6Hr	741.20	737.06	0.0010	2.28	1.78	337	3.3596	3.2625	3.2670	3.3392
STR 461	010YR1 2Hr	741.20	737.29	0.0010	2.36	1.82	338	6.3216	6.2248	6.2261	6.3013
STR 461	010YR2 4Hr	741.20	737.20	0.0009	2.10	1.77	350	12.2642	12.1658	12.1716	17.9318
STR 461	1 1/4" 24hr	741.20	734.87	0.0000	0.12	0.12	347	24.0001	12.4715	23.9734	23.9795
STR 461	100YR0 1hr	741.20	738.01	0.0010	3.03	2.14	336	1.0421	0.7791	0.7290	0.8549
STR 461	100YR0 2hr	741.20	738.24	0.0010	3.15	2.17	336	1.6216	1.2517	1.1956	1.3134
STR 461	100YR0	741.20	738.29	-0.0010	3.14	2.17	336	2.1278	2.5503	1.6839	2.6128

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3hr										
STR 461	100YR0 6hr	741.20	738.48	0.0010	3.11	2.42	338	3.6964	3.1792	3.1511	4.1448
STR 461	100YR1 2hr	741.20	738.49	-0.0010	2.91	2.46	346	6.6197	7.1030	6.1055	7.0783
STR 461	100YR2 4hr	741.20	738.41	0.0010	2.61	2.42	351	12.4577	12.0997	12.0447	18.1242
STR 462	002YR0 1HR	739.19	734.88	0.0005	0.59	0.26	351	0.7740	0.6841	0.6937	1.9028
STR 462	002YR0 2HR	739.19	734.98	-0.0007	0.72	0.45	352	1.2641	1.4562	1.1738	2.7017
STR 462	002YR0 3HR	739.19	735.00	-0.0007	0.73	0.53	352	1.7552	1.9295	1.6621	3.5626
STR 462	002YR0 6HR	739.19	735.15	-0.0007	0.83	0.82	353	3.2644	3.4232	3.1280	6.3816
STR 462	002YR1 2HR	739.19	735.28	-0.0006	1.01	1.01	353	6.2306	6.3879	12.1862	12.0369
STR 462	002YR2 4HR	739.19	735.35	-0.0005	1.15	1.15	353	12.1980	12.3818	17.7706	17.4031
STR 462	010YR0 1Hr	739.19	735.93	-0.0009	1.56	1.22	353	0.8631	0.9577	0.7350	1.0610
STR 462	010YR0 2Hr	739.19	736.58	-0.0009	2.21	1.73	353	1.3578	1.4721	1.2853	1.3069
STR 462	010YR0 3Hr	739.19	736.67	0.0010	2.34	1.80	353	1.8493	1.7929	1.7725	1.7964
STR 462	010YR0 6Hr	739.19	737.42	0.0010	3.14	2.28	352	3.3308	3.2625	3.2324	3.2670
STR 462	010YR1 2Hr	739.19	737.66	0.0010	3.28	2.36	353	6.2924	6.2191	6.1878	6.2261
STR 462	010YR2 4Hr	739.19	737.50	-0.0010	2.90	2.10	353	12.2377	12.5135	12.1336	12.1716
STR 462	1 1/4" 24hr	739.19	734.46	0.0002	0.12	0.12	333	24.0001	12.1417	23.9795	23.9970
STR 462	100YR0 1hr	739.19	738.44	-0.0010	4.87	3.03	349	0.9747	1.3678	0.7082	0.7290
STR 462	100YR0 2hr	739.19	738.61	-0.0010	5.28	3.15	350	1.5547	2.0066	1.1693	1.1956
STR 462	100YR0 3hr	739.19	738.64	-0.0010	5.31	3.14	350	2.0528	2.5208	1.6563	1.6839
STR 462	100YR0 6hr	739.19	738.76	-0.0010	5.35	3.32	353	3.5994	4.1331	3.1176	4.1037
STR 462	100YR1 2hr	739.19	738.74	-0.0010	4.93	3.31	353	6.5349	7.0600	6.0752	7.0368
STR 462	100YR2 4hr	739.19	738.65	-0.0010	4.23	3.17	353	12.3970	12.8574	12.0227	12.8500

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 463	002YR0 1HR	738.80	734.88	0.0005	1.71	1.53	314	0.7727	0.5687	0.6833	0.6902
STR 463	002YR0 2HR	738.80	734.99	0.0009	1.94	1.70	314	1.2619	0.8612	1.1667	1.1728
STR 463	002YR0 3HR	738.80	735.01	0.0010	1.94	1.70	314	1.7536	1.2317	1.6667	1.6620
STR 463	002YR0 6HR	738.80	735.15	0.0010	2.17	1.81	314	3.2339	2.0563	3.1333	3.1311
STR 463	002YR1 2HR	738.80	735.28	0.0010	2.19	1.85	314	6.2279	3.6338	6.1000	6.1343
STR 463	002YR2 4HR	738.80	735.35	0.0006	1.99	1.89	314	12.1939	6.5684	12.0667	12.3173
STR 463	010YR0 1Hr	738.80	735.97	-0.0009	3.20	2.57	314	0.8538	0.9577	0.6667	0.6750
STR 463	010YR0 2Hr	738.80	736.68	-0.0010	3.55	2.71	314	1.3419	1.5391	1.1667	1.1508
STR 463	010YR0 3Hr	738.80	736.78	-0.0010	3.51	2.67	314	1.8318	2.0270	1.6500	1.6531
STR 463	010YR0 6Hr	738.80	737.60	-0.0010	4.20	3.14	314	3.3092	3.5777	3.2123	3.2324
STR 463	010YR1 2Hr	738.80	737.85	-0.0010	4.46	3.28	314	6.2706	6.5580	6.1665	6.1878
STR 463	010YR2 4Hr	738.80	737.65	-0.0010	3.93	3.29	314	12.2176	12.4932	12.1085	12.4797
STR 463	1 1/4" 24hr	738.80	734.45	0.0002	0.55	0.52	309	12.1206	11.9089	12.0832	12.1032
STR 463	100YR0 1hr	738.80	738.61	-0.0010	7.32	4.87	314	0.9404	1.2567	0.7066	0.7082
STR 463	100YR0 2hr	738.80	738.77	0.0011	8.45	5.32	314	1.2958	1.1672	1.1672	1.1926
STR 463	100YR0 3hr	738.80	738.81	0.0012	8.62	5.37	506	1.7858	1.6541	1.6542	1.6825
STR 463	100YR0 6hr	738.80	738.89	0.0014	9.10	5.76	4318	3.3164	3.1151	3.1151	3.1516
STR 463	100YR1 2hr	738.80	738.87	0.0012	8.19	5.19	3429	6.2711	6.0727	6.0728	6.1202
STR 463	100YR2 4hr	738.80	738.77	-0.0010	6.52	4.80	314	12.2058	12.8489	12.0209	12.7639
STR 464	002YR0 1HR	738.80	734.86	0.0005	2.36	2.26	457	0.7745	0.6048	0.7438	0.7727
STR 464	002YR0 2HR	738.80	734.97	-0.0007	2.61	2.47	457	1.2639	1.4562	1.2183	1.2613
STR 464	002YR0 3HR	738.80	734.99	-0.0008	2.63	2.48	457	1.7550	1.9368	1.7109	1.7580
STR 464	002YR0	738.80	735.14	-0.0008	2.80	2.83	457	3.2322	3.4232	3.1773	3.2923

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6HR										
STR 464	002YR1 2HR	738.80	735.26	-0.0007	2.91	2.92	457	6.2221	6.3882	6.2105	6.2469
STR 464	002YR2 4HR	738.80	735.33	-0.0006	3.03	2.99	457	12.1931	12.4020	12.1444	12.2943
STR 464	010YR0 1Hr	738.80	735.97	-0.0010	3.56	3.35	457	0.8544	0.9577	0.6901	1.0097
STR 464	010YR0 2Hr	738.80	736.68	-0.0010	3.65	3.78	457	1.3409	1.5227	1.1651	1.5360
STR 464	010YR0 3Hr	738.80	736.79	-0.0010	3.58	3.85	457	1.8312	2.0131	1.6512	2.0325
STR 464	010YR0 6Hr	738.80	737.60	-0.0010	3.54	4.23	457	3.3084	3.5777	3.5648	3.5637
STR 464	010YR1 2Hr	738.80	737.86	-0.0010	3.73	4.43	457	6.2695	6.5320	6.5448	6.5424
STR 464	010YR2 4Hr	738.80	737.65	-0.0010	3.86	4.60	457	12.2170	12.4689	12.4791	12.4762
STR 464	1 1/4" 24hr	738.80	734.40	0.0003	0.86	0.83	436	12.1372	11.9476	12.1001	12.1408
STR 464	100YR0 1hr	738.80	738.62	-0.0010	4.63	6.75	456	0.9432	1.2463	1.2526	1.2326
STR 464	100YR0 2hr	738.80	738.77	0.0012	5.79	7.17	456	1.2968	1.1671	1.2167	1.8897
STR 464	100YR0 3hr	738.80	738.80	0.0012	5.90	7.27	456	1.7847	1.6540	1.7093	2.4038
STR 464	100YR0 6hr	738.80	738.89	0.0014	6.82	7.66	4187	3.3249	3.1149	3.1771	4.0122
STR 464	100YR1 2hr	738.80	738.87	0.0012	6.29	7.49	3288	6.2791	6.0725	6.1500	6.9360
STR 464	100YR2 4hr	738.80	738.77	-0.0010	5.28	7.20	456	12.2052	12.7483	12.7618	12.7317
STR 465	002YR0 1HR	738.00	734.75	0.0006	5.62	5.48	613	0.7744	0.6048	0.7468	0.7643
STR 465	002YR0 2HR	738.00	734.88	-0.0009	6.52	6.31	613	1.2640	1.4562	1.2276	1.2501
STR 465	002YR0 3HR	738.00	734.90	-0.0009	6.67	6.45	613	1.7545	1.9529	1.7167	1.7391
STR 465	002YR0 6HR	738.00	735.07	-0.0009	7.68	7.40	613	3.2313	3.4245	3.1833	3.2111
STR 465	002YR1 2HR	738.00	735.19	-0.0008	8.20	7.89	613	6.2194	6.3903	6.1500	6.1719
STR 465	002YR2 4HR	738.00	735.27	-0.0007	8.32	8.01	613	12.1939	12.4183	12.1171	12.1346
STR 465	010YR0 1Hr	738.00	735.94	-0.0010	10.33	9.72	613	0.8517	0.9473	0.7037	0.7294

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 465	010YR0 2Hr	738.00	736.67	-0.0010	11.23	10.59	613	1.3383	1.5022	1.2000	1.2169
STR 465	010YR0 3Hr	738.00	736.77	-0.0010	11.30	10.62	613	1.8289	1.9404	1.7000	1.7041
STR 465	010YR0 6Hr	738.00	737.59	-0.0010	12.17	11.13	613	3.3059	3.4582	3.1603	3.1599
STR 465	010YR1 2Hr	738.00	737.85	-0.0010	11.84	10.68	613	6.2673	6.4981	6.1099	6.1079
STR 465	010YR2 4Hr	738.00	737.63	-0.0010	10.58	9.61	613	12.2144	12.4641	12.0410	12.0378
STR 465	1 1/4" 24hr	738.00	734.23	0.0006	1.92	1.92	582	12.1364	11.9867	12.1204	12.1491
STR 465	100YR0 1hr	738.00	738.61	-0.0037	18.51	15.16	26597	0.9551	1.2160	0.7334	1.2015
STR 465	100YR0 2hr	738.00	738.76	-0.0038	25.30	16.47	33373	1.5136	1.8731	1.2163	1.8309
STR 465	100YR0 3hr	738.00	738.79	-0.0039	25.99	16.70	34337	2.0104	2.3869	1.7009	2.3355
STR 465	100YR0 6hr	738.00	738.88	-0.0040	28.75	17.43	38173	3.5291	3.9953	3.1573	3.9081
STR 465	100YR1 2hr	738.00	738.85	-0.0038	26.31	17.00	37152	6.4778	6.9192	6.1191	6.8371
STR 465	100YR2 4hr	738.00	738.75	-0.0036	20.13	16.32	32913	12.3693	12.7150	12.0874	12.6624
STR 466	002YR0 1HR	738.38	734.47	0.0006	6.21	6.07	485	0.7916	0.6567	0.7593	0.7783
STR 466	002YR0 2HR	738.38	734.61	-0.0010	7.18	7.02	485	1.2787	1.4600	1.2439	1.2640
STR 466	002YR0 3HR	738.38	734.64	-0.0010	7.34	7.18	485	1.7697	1.9533	1.7342	1.7540
STR 466	002YR0 6HR	738.38	734.81	-0.0009	8.45	8.25	485	3.2497	3.4245	3.2057	3.2231
STR 466	002YR1 2HR	738.38	734.96	-0.0009	9.03	8.79	485	6.2548	6.3903	6.1670	6.1803
STR 466	002YR2 4HR	738.38	735.07	-0.0008	9.11	8.82	485	12.2169	12.4503	12.1301	12.1352
STR 466	010YR0 1Hr	738.38	735.77	-0.0010	11.28	10.91	485	0.8548	0.9335	0.7294	0.7346
STR 466	010YR0 2Hr	738.38	736.48	-0.0010	12.39	11.80	485	1.3399	1.4460	1.2162	1.2156
STR 466	010YR0 3Hr	738.38	736.58	-0.0010	12.44	11.80	485	1.8307	1.9404	1.7028	1.7026
STR 466	010YR0 6Hr	738.38	737.37	-0.0010	13.17	12.19	485	3.3075	3.4346	3.1600	3.1571
STR 466	010YR1	738.38	737.60	-0.0010	12.66	11.59	485	6.2694	6.3846	6.1086	6.1041



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2Hr										
STR 466	010YR2 4Hr	738.38	737.37	0.0010	11.30	10.44	485	12.2171	12.0946	12.0390	12.0228
STR 466	1 1/4" 24hr	738.38	733.84	0.0007	2.17	2.13	467	12.1729	11.9867	12.1442	12.1684
STR 466	100YR0 1hr	738.38	738.52	0.0011	16.35	16.02	6301	0.8870	0.7042	0.6821	1.2054
STR 466	100YR0 2hr	738.38	738.67	-0.0016	16.88	17.18	12834	1.4644	1.5981	1.8270	1.8328
STR 466	100YR0 3hr	738.38	738.69	-0.0018	17.11	17.38	13709	1.9698	2.1109	2.3315	2.3357
STR 466	100YR0 6hr	738.38	738.77	-0.0022	17.78	18.04	17063	3.5119	3.6953	3.9032	3.6824
STR 466	100YR1 2hr	738.38	738.74	-0.0020	17.39	17.61	15894	6.4456	6.6117	6.8295	6.8324
STR 466	100YR2 4hr	738.38	738.64	-0.0014	16.74	17.00	11557	12.3075	12.4304	12.6577	12.6624
STR 467	002YR0 1HR	738.38	734.33	0.0007	6.33	6.24	504	0.7997	0.6644	0.7740	0.7936
STR 467	002YR0 2HR	738.38	734.47	-0.0009	7.31	7.19	504	1.2866	1.4600	1.2581	1.2771
STR 467	002YR0 3HR	738.38	734.50	-0.0010	7.49	7.36	504	1.7774	1.9541	1.7473	1.7666
STR 467	002YR0 6HR	738.38	734.67	-0.0009	8.63	8.44	504	3.2707	3.4245	3.2182	3.2316
STR 467	002YR1 2HR	738.38	734.86	0.0010	9.24	8.95	504	6.2680	4.8747	6.1726	6.1807
STR 467	002YR2 4HR	738.38	734.97	0.0009	9.32	8.92	504	12.2230	8.7261	12.1242	12.1269
STR 467	010YR0 1Hr	738.38	735.68	-0.0010	11.56	10.98	504	0.8552	0.9335	0.7332	0.7385
STR 467	010YR0 2Hr	738.38	736.38	-0.0010	12.61	11.78	504	1.3394	1.4460	1.2119	1.2114
STR 467	010YR0 3Hr	738.38	736.48	-0.0010	12.64	11.76	504	1.8300	1.9914	1.6998	1.6982
STR 467	010YR0 6Hr	738.38	737.25	0.0010	13.35	12.12	504	3.3067	3.2428	3.1551	3.1528
STR 467	010YR1 2Hr	738.38	737.46	-0.0010	13.03	11.72	504	6.2690	6.3846	6.1030	6.0981
STR 467	010YR2 4Hr	738.38	737.23	-0.0010	11.83	10.72	504	12.2170	12.4373	12.0228	12.0234
STR 467	1 1/4" 24hr	738.38	733.71	0.0007	2.21	2.18	483	12.1887	11.9770	12.1612	12.1870
STR 467	100YR0 1hr	738.38	738.48	0.0011	16.06	16.58	4793	0.8618	0.7019	1.2048	1.2102

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 467	100YR0 2hr	738.38	738.63	0.0013	17.38	17.68	10910	1.4247	1.1675	1.8316	1.8343
STR 467	100YR0 3hr	738.38	738.64	0.0013	17.59	17.86	11714	1.9282	1.6542	2.3334	2.3338
STR 467	100YR0 6hr	738.38	738.72	0.0014	18.28	18.72	14840	3.4616	3.1152	3.6821	3.6868
STR 467	100YR1 2hr	738.38	738.69	0.0012	17.81	18.03	13639	6.3976	6.0728	6.8294	6.8275
STR 467	100YR2 4hr	738.38	738.59	0.0010	17.21	17.47	9388	12.2776	12.0223	12.6614	12.6617
STR 468	002YR0 1HR	738.55	734.16	0.0007	7.93	7.86	545	0.8043	0.6834	0.7851	0.8023
STR 468	002YR0 2HR	738.55	734.31	-0.0010	9.17	9.06	545	1.2926	1.4600	1.2680	1.2839
STR 468	002YR0 3HR	738.55	734.33	-0.0010	9.38	9.27	545	1.7843	1.9541	1.7585	1.7733
STR 468	002YR0 6HR	738.55	734.53	-0.0010	10.79	10.57	545	3.2948	3.4245	3.2260	3.2350
STR 468	002YR1 2HR	738.55	734.75	-0.0009	11.49	11.09	545	6.2757	6.4216	6.1774	6.1820
STR 468	002YR2 4HR	738.55	734.87	-0.0009	11.42	10.89	545	12.2268	12.4503	12.1256	12.1277
STR 468	010YR0 1Hr	738.55	735.61	-0.0010	14.45	13.73	544	0.8544	0.9478	0.7380	0.7405
STR 468	010YR0 2Hr	738.55	736.30	-0.0010	15.69	14.65	544	1.3378	1.4332	1.2133	1.2109
STR 468	010YR0 3Hr	738.55	736.39	-0.0010	15.67	14.56	545	1.8284	1.9277	1.7000	1.6974
STR 468	010YR0 6Hr	738.55	737.14	-0.0010	16.28	14.77	545	3.3051	3.4116	3.1547	3.1516
STR 468	010YR1 2Hr	738.55	737.35	-0.0010	15.67	14.05	545	6.2674	6.3846	6.1010	6.0967
STR 468	010YR2 4Hr	738.55	737.11	-0.0010	14.06	13.25	545	12.2156	12.3080	12.0249	12.2839
STR 468	1 1/4" 24hr	738.55	733.53	0.0007	2.75	2.73	517	12.1973	11.9867	12.1759	12.1990
STR 468	100YR0 1hr	738.55	738.46	0.0012	19.71	18.14	545	0.8415	0.6975	0.6723	1.2062
STR 468	100YR0 2hr	738.55	738.60	0.0014	20.05	19.02	2441	1.3791	1.1667	1.1406	1.8113
STR 468	100YR0 3hr	738.55	738.62	0.0014	19.44	19.17	3194	1.8794	1.6500	1.6240	2.3065
STR 468	100YR0 6hr	738.55	738.68	0.0014	20.16	20.62	6127	3.3972	3.1160	3.6841	3.6873
STR 468	100YR1	738.55	738.66	0.0012	19.61	20.07	4940	6.3381	6.0734	6.6016	6.6049

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2hr										
STR 468	100YR2 4hr	738.55	738.56	0.0010	18.53	18.80	712	12.2402	11.9377	12.6393	12.6290
STR 469	002YR0 1HR	738.40	733.98	0.0007	10.06	9.97	661	0.8075	0.6834	0.7876	0.8012
STR 469	002YR0 2HR	738.40	734.13	-0.0010	11.62	11.47	654	1.3012	1.4600	1.2707	1.2826
STR 469	002YR0 3HR	738.40	734.16	-0.0010	11.88	11.71	629	1.7961	1.9541	1.7617	1.7715
STR 469	002YR0 6HR	738.40	734.41	-0.0010	13.63	13.27	629	3.3121	3.4245	3.2271	3.2316
STR 469	002YR1 2HR	738.40	734.66	-0.0010	14.41	13.81	629	6.2803	6.4216	6.1758	6.1779
STR 469	002YR2 4HR	738.40	734.79	-0.0010	14.13	13.39	629	12.2290	12.4503	12.1218	12.1257
STR 469	010YR0 1Hr	738.40	735.53	-0.0010	18.34	17.35	674	0.8538	1.1603	0.7385	0.7386
STR 469	010YR0 2Hr	738.40	736.21	-0.0010	19.88	18.55	629	1.3366	1.4211	1.2110	1.2092
STR 469	010YR0 3Hr	738.40	736.29	-0.0010	19.79	18.38	629	1.8272	2.0800	1.6982	1.6949
STR 469	010YR0 6Hr	738.40	737.03	0.0010	20.35	18.46	629	3.3038	3.2139	3.1528	3.1509
STR 469	010YR1 2Hr	738.40	737.22	-0.0010	19.33	17.33	629	6.2661	6.6489	6.0998	6.2857
STR 469	010YR2 4Hr	738.40	736.99	-0.0010	17.20	17.06	629	12.2140	12.5479	12.1668	12.2299
STR 469	1 1/4" 24hr	738.40	733.34	0.0006	3.46	3.47	597	12.1868	12.0198	12.1831	12.2006
STR 469	100YR0 1hr	738.40	738.41	0.0012	25.51	23.54	837	0.8300	0.6903	0.6708	0.6682
STR 469	100YR0 2hr	738.40	738.55	0.0014	25.66	23.27	6850	1.3608	1.1658	1.1394	1.1367
STR 469	100YR0 3hr	738.40	738.57	0.0014	24.59	22.04	7597	1.8594	1.6500	1.6230	1.6205
STR 469	100YR0 6hr	738.40	738.64	0.0014	23.04	23.19	10552	3.3694	3.1166	3.1203	3.6223
STR 469	100YR1 2hr	738.40	738.61	-0.0013	22.24	22.73	9283	6.3162	6.4526	6.5373	6.5419
STR 469	100YR2 4hr	738.40	738.50	-0.0010	20.62	21.20	4781	12.2259	12.4623	12.4268	12.4299
STR 471	002YR0 1HR	739.20	733.59	0.0009	9.97	9.60	764	0.8592	0.6834	0.8012	0.8162
STR 471	002YR0 2HR	739.20	733.80	-0.0010	11.47	10.91	764	1.3648	1.4928	1.2826	1.2956

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 471	002YR0 3HR	739.20	733.84	-0.0010	11.71	11.11	764	1.8567	2.0113	1.7715	1.7814
STR 471	002YR0 6HR	739.20	734.18	-0.0010	13.27	12.23	764	3.3324	3.4838	3.2316	3.2392
STR 471	002YR1 2HR	739.20	734.44	-0.0010	13.81	12.51	764	6.2875	6.4216	6.1779	6.1904
STR 471	002YR2 4HR	739.20	734.56	-0.0010	13.39	12.65	764	12.2316	12.4503	12.1257	12.2576
STR 471	010YR0 1Hr	739.20	735.23	-0.0010	17.35	15.09	771	0.8545	1.2511	0.7386	0.7386
STR 471	010YR0 2Hr	739.20	735.85	0.0010	18.55	15.81	764	1.3367	1.2683	1.2092	1.2062
STR 471	010YR0 3Hr	739.20	735.93	0.0010	18.38	15.63	764	1.8265	1.7665	1.6949	1.8890
STR 471	010YR0 6Hr	739.20	736.58	0.0011	18.46	17.25	764	3.3024	3.1711	3.1509	3.3721
STR 471	010YR1 2Hr	739.20	736.75	0.0010	17.33	17.73	764	6.2642	6.1023	6.2857	6.3260
STR 471	010YR2 4Hr	739.20	736.53	-0.0010	17.06	17.39	764	12.2127	12.6205	12.2299	12.2696
STR 471	1 1/4" 24hr	739.20	732.89	0.0008	3.47	3.42	719	12.2290	12.0832	12.2006	12.2259
STR 471	100YR0 1hr	739.20	738.08	0.0019	23.54	20.53	770	0.8268	0.6782	0.6682	1.1283
STR 471	100YR0 2hr	739.20	738.25	0.0020	23.27	21.93	764	1.3450	1.1455	1.1367	1.5971
STR 471	100YR0 3hr	739.20	738.27	0.0019	22.04	22.23	764	1.8421	1.6290	1.6205	2.0558
STR 471	100YR0 6hr	739.20	738.36	0.0017	23.19	23.71	764	3.3525	3.0857	3.6223	3.6239
STR 471	100YR1 2hr	739.20	738.31	0.0013	22.73	23.25	764	6.2953	6.0287	6.5419	6.5433
STR 471	100YR2 4hr	739.20	738.17	0.0010	21.20	21.81	764	12.2080	12.0423	12.4299	12.4310
STR 472	002YR0 1HR	738.42	733.42	0.0010	9.60	9.24	525	0.8730	0.7018	0.8162	0.8313
STR 472	002YR0 2HR	738.42	733.67	0.0010	10.91	10.35	525	1.3761	1.1622	1.2956	1.3019
STR 472	002YR0 3HR	738.42	733.73	0.0010	11.11	10.49	525	1.8665	1.6547	1.7814	1.7912
STR 472	002YR0 6HR	738.42	734.08	-0.0010	12.23	11.41	525	3.3355	3.4838	3.2392	3.2798
STR 472	002YR1 2HR	738.42	734.36	-0.0010	12.51	12.37	525	6.2883	6.4216	6.1904	6.3185
STR 472	002YR2	738.42	734.48	-0.0010	12.65	12.93	525	12.2300	12.4503	12.2576	12.2812

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	4HR										
STR 472	010YR0 1Hr	738.42	735.15	0.0010	15.09	14.32	525	0.8538	0.6557	0.7386	0.9700
STR 472	010YR0 2Hr	738.42	735.74	0.0010	15.81	15.89	525	1.3348	1.2514	1.2062	1.4060
STR 472	010YR0 3Hr	738.42	735.82	0.0010	15.63	16.12	525	1.8252	1.7353	1.8890	1.8996
STR 472	010YR0 6Hr	738.42	736.45	0.0010	17.25	17.84	525	3.3011	3.1709	3.3721	3.3838
STR 472	010YR1 2Hr	738.42	736.61	0.0010	17.73	18.32	525	6.2625	6.1160	6.3260	6.3464
STR 472	010YR2 4Hr	738.42	736.39	0.0010	17.39	17.91	525	12.2111	12.0395	12.2696	12.2908
STR 472	1 1/4" 24hr	738.42	732.65	0.0009	3.42	3.37	493	12.2556	12.0945	12.2259	12.2465
STR 472	100YR0 1hr	738.42	737.97	0.0021	20.53	21.04	525	0.8249	0.6784	1.1283	1.1176
STR 472	100YR0 2hr	738.42	738.16	0.0022	21.93	22.49	525	1.3431	1.1456	1.5971	1.5969
STR 472	100YR0 3hr	738.42	738.18	0.0020	22.23	22.83	525	1.8410	1.6291	2.0558	2.0569
STR 472	100YR0 6hr	738.42	738.27	0.0017	23.71	24.22	525	3.3519	3.0856	3.6239	3.6246
STR 472	100YR1 2hr	738.42	738.23	0.0012	23.25	23.77	525	6.2943	6.0285	6.5433	6.5441
STR 472	100YR2 4hr	738.42	738.07	0.0010	21.81	22.42	525	12.2027	12.0423	12.4310	12.4316
STR 473	002YR0 1HR	738.08	733.33	0.0010	9.24	9.07	587	0.8770	0.7415	0.8313	0.8756
STR 473	002YR0 2HR	738.08	733.61	0.0010	10.35	9.82	587	1.3793	1.2120	1.3019	1.3607
STR 473	002YR0 3HR	738.08	733.66	0.0010	10.49	10.02	587	1.8692	1.6895	1.7912	1.8565
STR 473	002YR0 6HR	738.08	734.03	-0.0010	11.41	11.51	587	3.3360	3.4838	3.2798	3.3684
STR 473	002YR1 2HR	738.08	734.31	0.0010	12.37	12.70	587	6.2865	6.2189	6.3185	6.3374
STR 473	002YR2 4HR	738.08	734.44	0.0010	12.93	13.30	587	12.2288	12.1498	12.2812	12.2897
STR 473	010YR0 1Hr	738.08	735.10	0.0010	14.32	14.72	587	0.8520	0.6806	0.9700	0.9709
STR 473	010YR0 2Hr	738.08	735.68	0.0010	15.89	16.40	587	1.3330	1.1500	1.4060	1.4115
STR 473	010YR0 3Hr	738.08	735.75	0.0010	16.12	16.64	587	1.8237	1.7100	1.8996	1.9037

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 473	010YR0 6Hr	738.08	736.37	0.0010	17.84	18.47	587	3.2991	3.1600	3.3838	3.3883
STR 473	010YR1 2Hr	738.08	736.53	0.0010	18.32	18.98	587	6.2603	4.1175	6.3464	6.3543
STR 473	010YR2 4Hr	738.08	736.31	0.0010	17.91	18.49	587	12.2087	7.1824	12.2908	12.3018
STR 473	1 1/4" 24hr	738.08	732.54	0.0010	3.37	3.34	553	12.2684	12.1227	12.2465	12.2673
STR 473	100YR0 1hr	738.08	737.92	0.0018	21.04	21.57	587	0.8242	0.6751	1.1176	1.0996
STR 473	100YR0 2hr	738.08	738.11	0.0018	22.49	23.05	1450	1.3407	1.1460	1.5969	1.5942
STR 473	100YR0 3hr	738.08	738.13	0.0017	22.83	23.44	2430	1.8381	1.6295	2.0569	2.0588
STR 473	100YR0 6hr	738.08	738.23	0.0015	24.22	24.74	6565	3.3478	3.0863	3.6246	3.6248
STR 473	100YR1 2hr	738.08	738.18	0.0011	23.77	24.29	4400	6.2909	6.0294	6.5441	6.5442
STR 473	100YR2 4hr	738.08	738.01	-0.0010	22.42	23.03	587	12.2003	12.4265	12.4316	12.4316
STR 474	002YR0 1HR	737.70	733.20	0.0010	12.14	11.95	757	0.8770	0.7495	0.8431	0.8747
STR 474	002YR0 2HR	737.70	733.51	-0.0010	13.57	12.91	757	1.3816	1.5161	1.3000	1.3572
STR 474	002YR0 3HR	737.70	733.57	-0.0010	13.74	13.19	757	1.8711	2.0113	1.7998	1.8505
STR 474	002YR0 6HR	737.70	733.95	-0.0010	15.24	15.17	756	3.3341	3.4838	3.2908	3.3461
STR 474	002YR1 2HR	737.70	734.23	0.0010	16.41	16.63	756	6.2832	6.1870	6.2958	6.3160
STR 474	002YR2 4HR	737.70	734.35	0.0010	16.93	17.19	756	12.2249	12.1498	12.2527	12.2709
STR 474	010YR0 1Hr	737.70	734.99	0.0010	19.40	19.63	756	0.8488	0.6988	0.8672	0.8851
STR 474	010YR0 2Hr	737.70	735.56	0.0010	21.75	22.09	756	1.3292	1.2264	1.3592	1.3716
STR 474	010YR0 3Hr	737.70	735.63	0.0010	22.03	22.37	756	1.8194	1.7010	1.8499	1.8640
STR 474	010YR0 6Hr	737.70	736.22	0.0010	24.30	24.71	756	3.2938	3.1619	3.3286	3.3445
STR 474	010YR1 2Hr	737.70	736.36	0.0010	24.87	25.29	756	6.2548	6.1047	6.2940	6.3078
STR 474	010YR2 4Hr	737.70	736.15	0.0010	24.08	24.46	756	12.2038	12.0317	12.2437	12.2609
STR 474	1 1/4"	737.70	732.32	0.0008	4.39	4.35	705	12.2693	12.1537	12.2465	12.2693

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24hr										
STR 474	100YR0 1hr	737.70	737.80	0.0017	27.38	28.10	4587	0.8205	0.6738	0.9312	0.9332
STR 474	100YR0 2hr	737.70	738.00	-0.0019	28.38	31.96	13386	1.3328	1.4430	1.4672	1.4346
STR 474	100YR0 3hr	737.70	738.03	-0.0020	28.62	32.40	14456	1.8266	1.9472	1.9747	1.9378
STR 474	100YR0 6hr	737.70	738.13	-0.0026	29.55	34.21	19059	3.3304	3.4858	3.5291	3.4697
STR 474	100YR1 2hr	737.70	738.08	-0.0024	29.42	33.56	16598	6.2728	6.4148	6.4526	6.4050
STR 474	100YR2 4hr	737.70	737.90	-0.0012	28.34	30.04	8910	12.1956	12.2786	12.3594	12.2743
STR 501	002YR0 1HR	737.20	732.82	-0.0010	17.02	16.99	762	0.8737	1.2377	0.8666	0.8722
STR 501	002YR0 2HR	737.20	733.23	0.0010	18.43	18.16	762	1.3864	1.2964	1.3499	1.3662
STR 501	002YR0 3HR	737.20	733.28	0.0010	18.90	18.65	762	1.8749	1.7827	1.8387	1.8551
STR 501	002YR0 6HR	737.20	733.63	0.0010	22.00	21.98	762	3.3267	3.1368	3.3170	3.3296
STR 501	002YR1 2HR	737.20	733.86	0.0010	24.12	24.17	762	6.2708	6.0994	6.2791	6.2849
STR 501	002YR2 4HR	737.20	733.97	0.0010	24.88	24.95	762	12.2101	11.9962	12.2261	12.2333
STR 501	010YR0 1Hr	737.20	734.46	-0.0010	30.01	30.10	762	0.8367	1.7889	0.8471	0.8510
STR 501	010YR0 2Hr	737.20	734.90	0.0010	33.99	34.17	762	1.3131	1.2114	1.3331	1.3365
STR 501	010YR0 3Hr	737.20	734.96	-0.0010	34.42	34.61	762	1.8025	3.2707	1.8227	1.8281
STR 501	010YR0 6Hr	737.20	735.41	-0.0010	38.13	38.36	762	3.2739	4.9994	3.2995	3.3032
STR 501	010YR1 2Hr	737.20	735.52	0.0010	38.85	39.09	762	6.2354	6.0111	6.2589	6.2663
STR 501	010YR2 4Hr	737.20	735.35	0.0010	37.28	37.47	762	12.1838	11.9344	12.2067	12.2150
STR 501	1 1/4" 24hr	737.20	731.58	0.0007	6.02	5.91	726	12.3015	12.1734	12.2645	12.2865
STR 501	100YR0 1hr	737.20	736.83	0.0014	47.45	47.78	762	0.7911	0.6761	0.7757	0.8339
STR 501	100YR0 2hr	737.20	737.16	0.0014	48.48	48.80	762	1.2578	1.1434	1.2732	1.3471
STR 501	100YR0 3hr	737.20	737.20	0.0013	48.44	48.84	762	1.7522	1.6316	1.7656	1.8449

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 501	100YR0 6hr	737.20	737.37	0.0012	49.34	51.12	7665	3.2619	3.0893	3.2167	3.3214
STR 501	100YR1 2hr	737.20	737.29	0.0010	48.28	49.08	4281	6.2189	5.9602	6.1834	6.2583
STR 501	100YR2 4hr	737.20	737.02	-0.0010	47.33	47.97	762	12.1409	12.2699	12.2632	12.2658
STR 503	002YR0 1HR	738.09	732.93	0.0010	13.14	13.16	548	0.8770	0.7840	0.8798	0.8838
STR 503	002YR0 2HR	738.09	733.32	0.0010	14.09	14.01	548	1.3864	1.3170	1.3655	1.3836
STR 503	002YR0 3HR	738.09	733.38	0.0010	14.41	14.35	548	1.8749	1.7827	1.8578	1.8749
STR 503	002YR0 6HR	738.09	733.76	0.0010	16.70	16.82	548	3.3304	3.2059	3.3461	3.3622
STR 503	002YR1 2HR	738.09	734.03	0.0010	18.27	18.46	548	6.2776	6.1914	6.3116	6.3256
STR 503	002YR2 4HR	738.09	734.14	0.0010	18.86	19.03	548	12.2182	12.0503	12.2576	12.2659
STR 503	010YR0 1Hr	738.09	734.70	0.0010	21.96	22.21	548	0.8435	0.7337	0.8754	0.8840
STR 503	010YR0 2Hr	738.09	735.19	0.0010	24.72	25.07	548	1.3218	1.2116	1.3624	1.3690
STR 503	010YR0 3Hr	738.09	735.25	0.0010	25.03	25.39	548	1.8118	1.6870	1.8556	1.8617
STR 503	010YR0 6Hr	738.09	735.77	0.0010	27.62	28.04	548	3.2840	3.1137	3.3312	3.3436
STR 503	010YR1 2Hr	738.09	735.89	0.0010	28.22	28.63	548	6.2448	6.0493	6.2940	6.3040
STR 503	010YR2 4Hr	738.09	735.71	0.0010	27.25	27.63	548	12.1936	11.9699	12.2437	12.2581
STR 503	1 1/4" 24hr	738.09	731.79	0.0007	4.77	4.74	521	12.2920	12.1670	12.2704	12.2879
STR 503	100YR0 1hr	738.09	737.29	0.0014	32.25	32.77	548	0.7965	0.6761	0.8626	0.8649
STR 503	100YR0 2hr	738.09	737.56	0.0015	35.35	35.88	548	1.2875	1.1480	1.4349	1.4380
STR 503	100YR0 3hr	738.09	737.59	0.0014	35.67	36.20	548	1.7789	1.6318	1.9378	1.9419
STR 503	100YR0 6hr	738.09	737.74	0.0013	37.05	37.49	548	3.2713	3.0891	3.4684	3.4733
STR 503	100YR1 2hr	738.09	737.67	0.0010	36.63	37.20	548	6.2260	5.9602	6.4062	6.4094
STR 503	100YR2 4hr	738.09	737.43	0.0010	33.85	34.50	548	12.1544	11.8672	12.2753	12.2780
STR 504	002YR0	738.09	733.03	0.0010	12.53	12.52	532	0.8783	0.7499	0.8697	0.8815



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1HR										
STR 504	002YR0 2HR	738.09	733.40	0.0010	13.58	13.40	532	1.3844	1.2355	1.3488	1.3737
STR 504	002YR0 3HR	738.09	733.45	0.0010	13.87	13.71	532	1.8738	1.7201	1.8424	1.8657
STR 504	002YR0 6HR	738.09	733.84	0.0010	15.86	15.96	532	3.3324	3.2882	3.3388	3.3531
STR 504	002YR1 2HR	738.09	734.11	0.0010	17.33	17.53	532	6.2798	6.1870	6.3094	6.3258
STR 504	002YR2 4HR	738.09	734.22	0.0010	17.89	18.06	532	12.2202	12.0503	12.2607	12.2689
STR 504	010YR0 1Hr	738.09	734.81	0.0010	20.62	20.87	532	0.8457	0.6991	0.8729	0.8858
STR 504	010YR0 2Hr	738.09	735.33	0.0010	23.17	23.52	532	1.3250	1.1708	1.3624	1.3712
STR 504	010YR0 3Hr	738.09	735.40	0.0010	23.46	23.82	532	1.8147	1.7010	1.8549	1.8636
STR 504	010YR0 6Hr	738.09	735.94	0.0010	25.88	26.31	532	3.2882	3.1483	3.3325	3.3450
STR 504	010YR1 2Hr	738.09	736.07	0.0010	26.47	26.89	532	6.2490	6.0493	6.2964	6.3070
STR 504	010YR2 4Hr	738.09	735.88	0.0010	25.59	25.98	532	12.1979	11.9699	12.2452	12.2598
STR 504	1 1/4" 24hr	738.09	732.05	0.0009	4.55	4.55	506	12.2715	12.1537	12.2634	12.2773
STR 504	100YR0 1hr	738.09	737.49	0.0015	29.78	30.23	532	0.8015	0.6802	0.8607	0.8632
STR 504	100YR0 2hr	738.09	737.73	0.0016	33.31	33.83	532	1.2928	1.1477	1.4335	1.4364
STR 504	100YR0 3hr	738.09	737.76	0.0015	33.70	34.21	532	1.7857	1.6315	1.9368	1.9398
STR 504	100YR0 6hr	738.09	737.89	0.0013	35.34	35.78	532	3.2828	3.0887	3.4670	3.4718
STR 504	100YR1 2hr	738.09	737.83	-0.0010	34.75	35.29	532	6.2362	6.4377	6.4038	6.4073
STR 504	100YR2 4hr	738.09	737.61	0.0010	31.56	32.14	532	12.1634	11.8570	12.2736	12.2762
STR 512	002YR0 1HR	734.32	725.82	0.0003	1.73	1.73	480	1.9127	0.9031	1.8801	1.9017
STR 512	002YR0 2HR	734.32	726.44	0.0007	5.94	5.94	521	2.4657	1.8555	2.4427	2.4520
STR 512	002YR0 3HR	734.32	726.60	0.0007	7.31	7.31	523	3.2655	2.3461	3.2453	3.2786
STR 512	002YR0 6HR	734.32	726.98	0.0010	11.00	11.00	524	4.5083	3.7245	4.4917	4.5311

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 512	002YR1 2HR	734.32	727.52	0.0010	16.58	16.58	524	7.1882	6.4470	7.1736	7.1965
STR 512	002YR2 4HR	734.32	728.03	0.0010	21.89	21.92	524	13.1246	12.2694	13.0904	13.0884
STR 512	010YR0 1Hr	734.32	727.63	0.0010	17.61	17.67	524	1.7530	1.0269	1.7438	1.7533
STR 512	010YR0 2Hr	734.32	728.23	0.0010	24.37	24.37	524	2.5148	1.9094	2.5002	2.5148
STR 512	010YR0 3Hr	734.32	728.40	0.0010	26.28	26.36	524	3.1709	2.1701	3.1701	3.1710
STR 512	010YR0 6Hr	734.32	728.74	-0.0010	30.31	30.31	524	4.8468	7.3751	4.8204	4.8296
STR 512	010YR1 2Hr	734.32	729.06	0.0010	34.09	34.09	524	7.4391	6.2312	7.4153	7.4493
STR 512	010YR2 4Hr	734.32	729.39	-0.0010	38.01	38.01	524	13.2197	14.2397	13.2122	13.2136
STR 512	1 1/4" 24hr	734.32	725.60	0.0002	0.76	0.76	449	20.4634	12.3134	20.5623	20.4634
STR 512	100YR0 1hr	734.32	728.99	0.0010	33.33	33.33	524	1.6477	0.8626	1.6326	1.6547
STR 512	100YR0 2hr	734.32	729.73	0.0010	41.54	41.54	524	2.3084	1.3121	2.2983	2.3185
STR 512	100YR0 3hr	734.32	729.89	0.0010	42.95	42.95	524	3.1226	1.9142	3.1040	3.1334
STR 512	100YR0 6hr	734.32	730.35	0.0010	47.31	47.31	524	4.4203	3.1792	4.4203	4.4453
STR 512	100YR1 2hr	734.32	730.49	0.0010	48.52	48.52	524	7.2784	6.2231	7.2654	7.2583
STR 512	100YR2 4hr	734.32	730.55	0.0010	49.09	49.11	524	13.0466	12.1539	13.0719	13.0472
STR 515	002YR0 1HR	736.00	730.20	0.0008	6.42	6.40	421	0.8274	0.6834	0.8158	0.8274
STR 515	002YR0 2HR	736.00	730.39	-0.0010	7.65	7.63	426	2.4427	3.7356	1.3004	1.3110
STR 515	002YR0 3HR	736.00	730.46	0.0010	7.90	7.87	427	3.2369	2.5635	1.7910	1.8014
STR 515	002YR0 6HR	736.00	730.64	-0.0010	9.58	9.55	427	4.4848	5.9528	3.2581	3.2680
STR 515	002YR1 2HR	736.00	730.87	-0.0010	10.60	10.57	427	7.1667	9.7610	6.2147	6.2243
STR 515	002YR2 4HR	736.00	731.10	-0.0010	10.67	10.65	427	13.1130	17.2482	12.1653	12.1740
STR 515	010YR0 1Hr	736.00	730.90	-0.0010	14.02	13.99	427	1.7486	2.0347	0.7851	0.7934
STR 515	010YR0	736.00	731.22	0.0010	16.24	16.21	427	2.4959	2.0170	1.2698	1.2773

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2Hr										
STR 515	010YR0 3Hr	736.00	731.31	-0.0010	16.45	16.42	427	3.1700	4.0263	1.7606	1.7682
STR 515	010YR0 6Hr	736.00	731.48	-0.0010	18.61	18.58	427	4.8120	5.7014	3.2341	3.2408
STR 515	010YR1 2Hr	736.00	731.61	0.0010	18.82	18.79	427	7.4047	6.7446	6.1966	6.2039
STR 515	010YR2 4Hr	736.00	731.76	-0.0010	17.27	17.11	427	13.2006	21.4598	12.1462	12.1482
STR 515	1 1/4" 24hr	736.00	729.68	0.0006	1.99	1.98	395	12.2551	12.0198	12.2379	12.2554
STR 515	100YR0 1hr	736.00	731.65	-0.0010	28.47	28.43	427	0.7574	2.9412	0.7518	0.7575
STR 515	100YR0 2hr	736.00	732.02	-0.0010	33.40	33.36	427	2.3021	2.3425	1.2314	1.2378
STR 515	100YR0 3hr	736.00	732.14	-0.0010	33.97	33.93	427	3.1046	5.4427	1.7221	1.7288
STR 515	100YR0 6hr	736.00	732.49	0.0010	36.96	36.94	427	4.4221	5.5500	3.2036	3.2083
STR 515	100YR1 2hr	736.00	732.70	-0.0010	34.66	34.78	427	7.2421	9.1566	6.1682	6.1706
STR 515	100YR2 4hr	736.00	732.81	0.0010	27.97	27.61	427	13.0782	15.9305	12.1160	12.1197
STR 516	002YR0 1HR	737.09	730.40	0.0006	6.50	6.42	550	0.8199	0.6644	0.7986	0.8158
STR 516	002YR0 2HR	737.09	730.51	-0.0008	7.73	7.65	555	1.3043	1.4562	1.2843	1.3004
STR 516	002YR0 3HR	737.09	730.54	-0.0008	7.98	7.90	556	1.7950	1.9529	1.7763	1.7910
STR 516	002YR0 6HR	737.09	730.68	-0.0009	9.67	9.58	559	3.2623	5.7155	3.2437	3.2581
STR 516	002YR1 2HR	737.09	730.87	0.0010	10.68	10.60	560	7.1730	8.8821	6.2007	6.2147
STR 516	002YR2 4HR	737.09	731.10	-0.0010	10.73	10.67	560	13.1133	13.2525	12.1516	12.1653
STR 516	010YR0 1Hr	737.09	731.04	-0.0008	14.14	14.02	560	0.7888	1.9205	0.7715	0.7851
STR 516	010YR0 2Hr	737.09	731.22	-0.0009	16.35	16.24	560	2.4981	2.7681	1.2575	1.2698
STR 516	010YR0 3Hr	737.09	731.31	-0.0009	16.55	16.45	560	3.1748	3.8165	1.7486	1.7606
STR 516	010YR0 6Hr	737.09	731.48	-0.0010	18.72	18.61	560	4.8010	5.8657	3.2219	3.2341
STR 516	010YR1 2Hr	737.09	731.61	-0.0010	18.91	18.82	560	7.4323	10.3095	6.1855	6.1966

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 516	010YR2 4Hr	737.09	731.77	-0.0010	17.39	17.27	560	13.1981	13.6251	12.1390	12.1462
STR 516	1 1/4" 24hr	737.09	729.85	0.0006	2.01	1.99	499	12.2368	11.9867	12.2162	12.2379
STR 516	100YR0 1hr	737.09	732.01	-0.0009	28.62	28.47	559	0.7549	2.9999	0.7418	0.7518
STR 516	100YR0 2hr	737.09	732.31	-0.0009	33.48	33.40	560	1.2353	4.2121	1.2256	1.2314
STR 516	100YR0 3hr	737.09	732.34	0.0010	34.03	33.97	560	1.7260	3.2246	1.7181	1.7221
STR 516	100YR0 6hr	737.09	732.53	-0.0010	37.01	36.96	560	3.2061	4.6576	3.1996	3.2036
STR 516	100YR1 2hr	737.09	732.71	-0.0010	34.60	34.66	560	7.2704	8.2268	6.1646	6.1682
STR 516	100YR2 4hr	737.09	732.82	-0.0010	28.24	27.97	560	13.0786	14.9251	12.1137	12.1160
STR 517	002YR0 1HR	737.86	730.67	0.0006	6.67	6.50	858	0.8039	0.6276	0.7747	0.7986
STR 517	002YR0 2HR	737.86	730.79	-0.0008	7.93	7.73	867	1.2906	1.4562	1.2596	1.2843
STR 517	002YR0 3HR	737.86	730.81	-0.0008	8.16	7.98	869	1.7819	1.9368	1.7501	1.7763
STR 517	002YR0 6HR	737.86	730.97	-0.0008	9.93	9.67	880	3.2504	3.4232	3.2217	3.2437
STR 517	002YR1 2HR	737.86	731.06	-0.0010	10.92	10.68	883	6.2075	8.8821	6.1774	6.2007
STR 517	002YR2 4HR	737.86	731.11	-0.0008	10.91	10.73	883	13.1162	55.1421	12.1315	12.1516
STR 517	010YR0 1Hr	737.86	731.35	0.0007	14.51	14.14	883	0.7797	0.5917	0.7499	0.7715
STR 517	010YR0 2Hr	737.86	731.52	0.0007	16.72	16.35	883	1.2655	1.0455	1.2344	1.2575
STR 517	010YR0 3Hr	737.86	731.54	0.0007	16.91	16.55	883	1.7561	1.4680	1.7260	1.7486
STR 517	010YR0 6Hr	737.86	731.71	0.0007	19.08	18.72	883	3.2301	2.3425	3.2016	3.2219
STR 517	010YR1 2Hr	737.86	731.72	-0.0008	19.22	18.91	883	6.1930	10.3262	6.1665	6.1855
STR 517	010YR2 4Hr	737.86	731.77	-0.0009	17.61	17.39	883	13.2047	16.9123	12.1227	12.1390
STR 517	1 1/4" 24hr	737.86	730.11	0.0006	2.05	2.01	771	12.2090	11.9478	12.1756	12.2162
STR 517	100YR0 1hr	737.86	732.45	-0.0007	29.01	28.62	882	0.7503	0.8111	0.7260	0.7418
STR 517	100YR0	737.86	732.84	0.0007	33.64	33.48	882	1.2322	0.9059	1.2170	1.2256

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2hr										
STR 517	100YR0 3hr	737.86	732.89	0.0007	34.17	34.03	882	1.7230	1.1946	1.7068	1.7181
STR 517	100YR0 6hr	737.86	733.19	-0.0008	37.15	37.01	882	3.2034	3.2962	3.1892	3.1996
STR 517	100YR1 2hr	737.86	732.92	-0.0010	34.62	34.60	882	6.1610	7.4448	6.1538	6.1646
STR 517	100YR2 4hr	737.86	732.82	-0.0008	28.55	28.24	883	13.0785	15.4020	12.1044	12.1137
STR 521	002YR0 1HR	736.10	731.17	0.0006	5.76	5.54	1190	0.7867	0.5775	0.7500	0.7869
STR 521	002YR0 2HR	736.10	731.29	-0.0008	6.86	6.63	1188	1.2711	1.4562	1.2333	1.2712
STR 521	002YR0 3HR	736.10	731.31	-0.0008	7.06	6.85	1178	1.7607	1.9368	1.7303	1.7671
STR 521	002YR0 6HR	736.10	731.45	-0.0007	8.53	8.39	1142	3.2247	3.3500	3.2000	3.2291
STR 521	002YR1 2HR	736.10	731.53	-0.0007	9.43	9.29	1140	6.1843	6.2912	6.1654	6.1855
STR 521	002YR2 4HR	736.10	731.53	0.0007	9.46	9.34	1144	12.1367	11.7225	12.1166	12.1374
STR 521	010YR0 1Hr	736.10	731.79	0.0006	12.52	12.20	1212	0.7637	0.5541	0.7333	0.7575
STR 521	010YR0 2Hr	736.10	731.96	0.0006	14.52	14.13	1180	1.2520	1.0625	1.2167	1.2441
STR 521	010YR0 3Hr	736.10	731.98	0.0007	14.70	14.32	1148	1.7427	1.5311	1.7122	1.7354
STR 521	010YR0 6Hr	736.10	732.16	0.0006	16.68	16.25	1134	3.2183	3.0299	3.1833	3.2095
STR 521	010YR1 2Hr	736.10	732.17	0.0006	16.84	16.46	1138	6.1818	3.6672	6.1500	6.1732
STR 521	010YR2 4Hr	736.10	732.05	0.0007	15.40	15.16	1142	12.1359	6.3014	12.1111	12.1303
STR 521	1 1/4" 24hr	736.10	730.62	0.0005	1.79	1.68	1128	12.1931	11.9470	12.1333	12.1940
STR 521	100YR0 1hr	736.10	732.98	-0.0008	24.96	24.68	1212	0.7437	0.8111	0.7167	0.7339
STR 521	100YR0 2hr	736.10	733.43	-0.0009	29.02	28.77	1133	1.2296	1.2877	1.2132	1.2235
STR 521	100YR0 3hr	736.10	733.50	-0.0007	29.57	29.29	1127	1.7209	1.8312	1.7000	1.7173
STR 521	100YR0 6hr	736.10	733.94	-0.0010	32.32	32.00	1135	3.2015	3.2624	3.1833	3.1987
STR 521	100YR1 2hr	736.10	733.56	-0.0010	30.10	29.93	1140	6.1614	7.1774	6.1500	6.1631

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 521	100YR2 4hr	736.10	733.04	-0.0005	24.89	24.70	1148	12.1266	12.2111	12.1000	12.1085
STR 522	002YR0 1HR	735.85	731.19	0.0006	1.37	1.10	700	0.7926	0.6644	0.6644	0.8386
STR 522	002YR0 2HR	735.85	731.31	-0.0007	1.58	1.37	628	1.2760	1.4562	1.1440	1.3207
STR 522	002YR0 3HR	735.85	731.33	-0.0007	1.58	1.44	628	1.7656	1.9295	1.6307	1.8130
STR 522	002YR0 6HR	735.85	731.47	0.0007	1.67	1.82	628	3.2294	3.0725	3.2167	3.2836
STR 522	002YR1 2HR	735.85	731.55	-0.0007	1.99	2.10	628	6.1883	6.2912	6.1667	6.2348
STR 522	002YR2 4HR	735.85	731.56	-0.0006	2.14	2.22	660	12.1406	12.2259	12.1167	12.1837
STR 522	010YR0 1Hr	735.85	731.81	0.0006	2.45	2.67	628	0.7673	0.6245	0.7500	0.8170
STR 522	010YR0 2Hr	735.85	731.99	0.0007	2.99	3.19	628	1.2545	1.1030	1.2333	1.3018
STR 522	010YR0 3Hr	735.85	732.01	0.0007	3.08	3.27	628	1.7454	1.5793	1.7333	1.7953
STR 522	010YR0 6Hr	735.85	732.19	0.0006	3.71	3.84	628	3.2203	3.0299	3.2000	3.2620
STR 522	010YR1 2Hr	735.85	732.21	0.0006	3.94	4.02	646	6.1840	5.9269	6.1667	6.2196
STR 522	010YR2 4Hr	735.85	732.09	0.0005	3.78	3.83	668	12.1388	11.7017	12.1167	12.1695
STR 522	1 1/4" 24hr	735.85	730.64	0.0005	0.33	0.28	679	12.2159	12.0924	12.0933	12.2798
STR 522	100YR0 1hr	735.85	733.03	-0.0009	5.46	5.65	628	0.7451	0.8111	0.7334	0.7930
STR 522	100YR0 2hr	735.85	733.51	-0.0009	6.65	6.93	628	1.2317	1.2877	1.2333	1.2622
STR 522	100YR0 3hr	735.85	733.59	-0.0007	6.90	7.20	628	1.7228	1.8186	1.7167	1.7565
STR 522	100YR0 6hr	735.85	734.06	-0.0010	7.89	8.30	628	3.2035	3.2962	3.2000	3.2564
STR 522	100YR1 2hr	735.85	733.67	-0.0009	7.55	7.84	653	6.1635	6.2379	6.1500	6.1919
STR 522	100YR2 4hr	735.85	733.11	-0.0006	6.43	6.42	677	12.1277	12.2124	12.1166	12.1390
STR 539	002YR0 1HR	738.09	732.00	0.0010	37.27	36.93	931	0.8568	0.6207	0.8318	0.8568
STR 539	002YR0 2HR	738.09	732.38	0.0010	46.53	46.49	931	1.3928	1.0838	1.3818	1.3928
STR 539	002YR0	738.09	732.43	0.0010	47.74	47.71	931	1.8806	1.5759	1.8701	1.8808

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3HR										
STR 539	002YR0 6HR	738.09	732.69	0.0010	55.11	55.07	931	3.3236	3.0650	3.3133	3.3236
STR 539	002YR1 2HR	738.09	732.87	0.0010	59.86	59.82	931	6.2648	21.4271	6.2560	6.2648
STR 539	002YR2 4HR	738.09	732.94	0.0010	62.01	61.97	932	12.2020	41.7792	12.1933	12.2023
STR 539	010YR0 1Hr	738.09	733.24	0.0010	70.41	70.35	931	0.8283	0.5840	0.8201	0.8285
STR 539	010YR0 2Hr	738.09	733.49	0.0010	78.14	78.06	933	1.2984	1.0670	1.2907	1.2985
STR 539	010YR0 3Hr	738.09	733.52	0.0010	79.05	78.98	933	1.7877	1.5865	1.7799	1.7877
STR 539	010YR0 6Hr	738.09	733.75	0.0010	85.88	85.83	934	3.2541	2.3860	3.2478	3.2542
STR 539	010YR1 2Hr	738.09	733.82	0.0010	87.46	87.37	934	6.2191	3.4274	6.2056	6.2059
STR 539	010YR2 4Hr	738.09	733.73	0.0010	84.96	84.93	934	12.1642	8.5666	12.1565	12.1642
STR 539	1 1/4" 24hr	738.09	730.82	0.0010	13.26	13.23	869	12.3331	12.0198	12.3176	12.3331
STR 539	100YR0 1hr	738.09	734.46	0.0010	105.89	105.84	934	0.7825	0.5709	0.7764	0.7826
STR 539	100YR0 2hr	738.09	734.67	0.0010	112.15	112.09	934	1.2444	0.8969	1.2372	1.2444
STR 539	100YR0 3hr	738.09	734.69	0.0010	113.44	113.42	934	1.7292	1.2688	1.7239	1.7293
STR 539	100YR0 6hr	738.09	734.84	0.0010	117.53	117.50	933	3.1970	1.6133	3.1900	3.1971
STR 539	100YR1 2hr	738.09	734.74	0.0010	115.04	115.41	933	6.1629	37.0346	6.1599	6.1676
STR 539	100YR2 4hr	738.09	734.59	0.0010	110.31	110.29	933	12.1274	11.8215	12.1214	12.1275
STR 540	002YR0 1HR	738.09	732.16	0.0010	37.53	36.92	689	0.8538	0.6041	0.8268	0.8322
STR 540	002YR0 2HR	738.09	732.57	-0.0010	46.31	46.24	689	1.3905	5.7678	1.3754	1.3834
STR 540	002YR0 3HR	738.09	732.61	0.0010	47.51	47.45	689	1.8780	1.5583	1.8627	1.8731
STR 540	002YR0 6HR	738.09	732.90	0.0010	54.81	54.72	689	3.3209	3.0650	3.3073	3.3152
STR 540	002YR1 2HR	738.09	733.09	-0.0010	59.49	59.40	689	6.2629	13.2468	6.2489	6.2579
STR 540	002YR2 4HR	738.09	733.16	0.0010	61.58	61.51	689	12.1996	10.9052	12.1875	12.1964

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 540	010YR0 1Hr	738.09	733.48	0.0010	69.90	69.76	689	0.8270	0.5580	0.8129	0.8214
STR 540	010YR0 2Hr	738.09	733.75	-0.0010	77.50	77.34	689	1.2970	3.3280	1.2852	1.2920
STR 540	010YR0 3Hr	738.09	733.78	0.0010	78.36	78.24	689	1.7860	1.3074	1.7746	1.7823
STR 540	010YR0 6Hr	738.09	734.03	0.0010	85.01	84.94	689	3.2527	2.8736	3.2440	3.2494
STR 540	010YR1 2Hr	738.09	734.09	0.0010	86.56	86.50	689	6.2179	5.6306	6.2021	6.2058
STR 540	010YR2 4Hr	738.09	734.00	0.0010	84.14	84.08	689	12.1625	10.7529	12.1524	12.1589
STR 540	1 1/4" 24hr	738.09	730.93	0.0010	13.22	13.18	653	12.3279	11.9867	12.3065	12.3187
STR 540	100YR0 1hr	738.09	734.81	0.0010	104.52	104.47	689	0.7820	0.6748	0.7759	0.7792
STR 540	100YR0 2hr	738.09	735.06	0.0011	110.41	110.30	689	1.2434	1.1411	1.2339	1.2400
STR 540	100YR0 3hr	738.09	735.09	0.0010	111.57	111.55	689	1.7286	0.9418	1.7238	1.7266
STR 540	100YR0 6hr	738.09	735.26	0.0010	115.53	115.45	689	3.1971	2.3971	3.1841	3.1943
STR 540	100YR1 2hr	738.09	735.15	0.0010	113.19	113.18	689	6.1634	4.1696	6.1627	6.1639
STR 540	100YR2 4hr	738.09	734.96	0.0009	108.83	108.80	689	12.1263	11.8236	12.1199	12.1240
STR 541	002YR0 1HR	737.75	732.37	0.0010	38.42	37.18	1122	0.8472	0.5541	0.8251	0.8268
STR 541	002YR0 2HR	737.75	732.79	0.0010	46.23	46.01	1122	1.3870	0.8965	1.3609	1.3765
STR 541	002YR0 3HR	737.75	732.84	0.0010	47.40	47.21	1122	1.8749	1.5512	1.8462	1.8643
STR 541	002YR0 6HR	737.75	733.14	0.0010	54.70	54.41	1122	3.3179	3.0000	3.2908	3.3084
STR 541	002YR1 2HR	737.75	733.34	0.0010	59.29	59.01	1122	6.2603	6.0022	6.2384	6.2519
STR 541	002YR2 4HR	737.75	733.43	0.0010	61.25	61.06	1122	12.1975	11.5286	12.1791	12.1892
STR 541	010YR0 1Hr	737.75	733.76	0.0010	69.61	69.23	1122	0.8244	0.4666	0.8007	0.8147
STR 541	010YR0 2Hr	737.75	734.05	0.0010	76.87	76.66	1122	1.2953	0.8833	1.2813	1.2864
STR 541	010YR0 3Hr	737.75	734.09	0.0010	77.72	77.52	1122	1.7842	1.1184	1.7674	1.7770
STR 541	010YR0	737.75	734.37	0.0010	84.13	84.05	1122	3.2514	3.0174	3.2400	3.2460



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6Hr										
STR 541	010YR1 2Hr	737.75	734.44	0.0010	85.65	85.58	1122	6.2162	5.9108	6.2005	6.2032
STR 541	010YR2 4Hr	737.75	734.34	0.0010	83.31	83.24	1122	12.1613	6.3014	12.1501	12.1540
STR 541	1 1/4" 24hr	737.75	731.11	0.0009	13.24	13.14	1063	12.3187	11.9867	12.2881	12.3081
STR 541	100YR0 1hr	737.75	735.29	0.0013	103.15	103.06	1122	0.7811	0.6741	0.7740	0.7778
STR 541	100YR0 2hr	737.75	735.59	0.0014	108.74	108.55	1122	1.2429	1.1402	1.2324	1.2347
STR 541	100YR0 3hr	737.75	735.63	0.0013	109.75	109.70	1122	1.7280	1.6231	1.7226	1.7258
STR 541	100YR0 6hr	737.75	735.85	0.0011	113.63	113.44	1122	3.1961	3.0793	3.1833	3.1853
STR 541	100YR1 2hr	737.75	735.71	0.0010	111.35	111.35	1122	6.1669	5.9428	6.1667	6.1627
STR 541	100YR2 4hr	737.75	735.49	-0.0010	107.38	107.33	1123	12.1249	12.2471	12.1182	12.1210
STR 549	002YR0 1HR	737.50	732.56	-0.0010	36.83	32.15	1151	0.8971	1.0267	0.9815	1.0832
STR 549	002YR0 2HR	737.50	733.03	-0.0010	39.30	39.35	1151	1.3920	2.5847	1.3928	1.4068
STR 549	002YR0 3HR	737.50	733.08	0.0010	40.27	40.34	1151	1.8803	1.5414	1.8803	1.8972
STR 549	002YR0 6HR	737.50	733.39	-0.0010	45.19	45.35	1151	3.3238	3.7415	3.3296	3.3461
STR 549	002YR1 2HR	737.50	733.59	-0.0011	47.93	48.16	1150	6.2651	6.7734	6.2791	6.2951
STR 549	002YR2 4HR	737.50	733.68	-0.0011	49.21	49.46	1150	12.2034	12.7234	12.2261	12.2393
STR 549	010YR0 1Hr	737.50	734.03	-0.0012	54.09	54.31	1151	0.8295	1.3837	0.8507	0.8562
STR 549	010YR0 2Hr	737.50	734.36	0.0012	58.38	58.61	1151	1.3006	1.1180	1.3414	1.3436
STR 549	010YR0 3Hr	737.50	734.39	-0.0012	58.90	59.11	1151	1.7891	2.5457	1.8243	1.8288
STR 549	010YR0 6Hr	737.50	734.72	-0.0012	62.86	63.12	1151	3.2581	4.0887	3.3029	3.3067
STR 549	010YR1 2Hr	737.50	734.80	-0.0012	64.02	64.28	1153	6.2213	7.1655	6.2640	6.2669
STR 549	010YR2 4Hr	737.50	734.69	-0.0012	62.96	63.17	1152	12.1687	13.2355	12.2108	12.2159
STR 549	1 1/4" 24hr	737.50	731.31	0.0010	11.35	11.31	1105	12.3209	11.9867	12.3012	12.3248

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 549	100YR0 1hr	737.50	735.73	0.0013	72.19	72.64	1152	0.7872	0.6732	0.8532	0.8527
STR 549	100YR0 2hr	737.50	736.00	0.0015	74.12	74.63	1154	1.2851	1.1395	1.3603	1.3599
STR 549	100YR0 3hr	737.50	736.05	0.0013	74.44	74.95	1154	1.7762	1.6223	1.8581	1.8580
STR 549	100YR0 6hr	737.50	736.24	-0.0012	76.64	77.15	1154	3.2025	6.4464	3.3287	3.3304
STR 549	100YR1 2hr	737.50	736.18	-0.0011	75.32	75.89	1153	6.2051	9.9201	6.3011	6.3004
STR 549	100YR2 4hr	737.50	735.96	-0.0010	75.26	75.91	1153	12.1340	15.6033	12.2677	12.2630
STR 553A	002YR0 1HR	737.00	735.18	-0.0048	15.64	19.87	13733	0.9970	0.7272	0.9333	0.9971
STR 553A	002YR0 2HR	737.00	734.80	0.0066	19.00	18.72	1910	1.4651	1.6194	1.4001	1.2842
STR 553A	002YR0 3HR	737.00	734.96	0.0064	19.89	19.28	2270	1.9648	2.1262	1.8833	2.0036
STR 553A	002YR0 6HR	737.00	735.35	-0.0043	25.62	21.88	23678	3.5226	3.1255	3.3667	3.7064
STR 553A	002YR1 2HR	737.00	735.55	-0.0055	30.85	22.98	36513	6.5292	6.9745	6.3166	6.7325
STR 553A	002YR2 4HR	737.00	735.69	-0.0064	34.61	23.67	44989	12.5005	13.0541	12.2500	12.6873
STR 553A	010YR0 1Hr	737.00	735.79	-0.0106	37.30	24.09	50882	1.1825	1.7117	0.9000	1.3570
STR 553A	010YR0 2Hr	737.00	735.99	-0.0108	44.65	24.78	63402	1.7310	2.5617	1.3834	2.0072
STR 553A	010YR0 3Hr	737.00	736.02	-0.0075	46.17	24.92	68554	2.2204	3.1543	1.8667	2.4980
STR 553A	010YR0 6Hr	737.00	736.22	-0.0080	55.62	25.78	106842	3.7500	4.9579	3.3500	4.0301
STR 553A	010YR1 2Hr	737.00	736.31	-0.0085	60.38	26.05	123228	6.7330	8.0800	6.3000	7.0806
STR 553A	010YR2 4Hr	737.00	736.33	-0.0083	60.69	25.97	127840	12.6605	14.0645	12.2334	13.1157
STR 553A	1 1/4" 24hr	737.00	732.68	0.0010	4.45	4.45	113	12.3031	11.8853	12.3001	12.3040
STR 553A	100YR0 1hr	737.00	736.57	-0.0129	80.19	27.14	174215	1.3501	2.8027	0.8833	1.5652
STR 553A	100YR0 2hr	737.00	736.78	-0.0129	96.98	27.71	214015	2.0080	4.0115	1.3667	2.4786
STR 553A	100YR0 3hr	737.00	736.82	-0.0129	101.13	27.38	221446	2.5075	4.7811	1.8666	3.4616
STR	100YR0	737.00	736.97	-0.0127	116.63	26.56	251525	4.0252	7.0829	3.3333	4.8029

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
553A	6hr										
STR 553A	100YR1 2hr	737.00	736.97	-0.0086	114.75	26.25	251589	7.0015	10.1742	6.2833	7.6688
STR 553A	100YR2 4hr	737.00	736.88	-0.0090	102.79	25.74	234661	12.8933	15.7621	12.2333	13.7463
STR 568	002YR0 1HR	738.11	732.63	-0.0010	17.64	17.67	703	0.8774	1.2377	0.8723	0.8776
STR 568	002YR0 2HR	738.11	733.09	0.0010	18.71	18.63	703	1.3914	1.2885	1.3730	1.3856
STR 568	002YR0 3HR	738.11	733.14	0.0010	19.23	19.14	703	1.8794	1.7706	1.8611	1.8731
STR 568	002YR0 6HR	738.11	733.46	0.0010	22.82	22.90	703	3.3264	3.1933	3.3324	3.3409
STR 568	002YR1 2HR	738.11	733.67	0.0010	25.13	25.27	703	6.2685	4.6654	6.2846	6.2935
STR 568	002YR2 4HR	738.11	733.76	0.0010	25.97	26.12	703	12.2068	11.9962	12.2296	12.2384
STR 568	010YR0 1Hr	738.11	734.17	-0.0010	31.46	31.58	702	0.8327	1.7423	0.8509	0.8540
STR 568	010YR0 2Hr	738.11	734.53	0.0010	35.77	35.97	702	1.3056	1.0414	1.3347	1.3414
STR 568	010YR0 3Hr	738.11	734.58	-0.0010	36.23	36.43	703	1.7946	3.1768	1.8260	1.8301
STR 568	010YR0 6Hr	738.11	734.94	0.0010	40.17	40.42	703	3.2648	3.0810	3.3012	3.3038
STR 568	010YR1 2Hr	738.11	735.04	0.0010	40.94	41.19	703	6.2269	6.0030	6.2612	6.2652
STR 568	010YR2 4Hr	738.11	734.91	0.0010	39.22	39.42	703	12.1735	11.9208	12.2092	12.2156
STR 568	1 1/4" 24hr	738.11	731.37	0.0008	6.04	6.00	674	12.3204	12.0924	12.3009	12.3187
STR 568	100YR0 1hr	738.11	736.10	0.0013	50.57	50.94	702	0.7892	0.6733	0.8268	0.8267
STR 568	100YR0 2hr	738.11	736.39	0.0013	52.27	52.35	702	1.2529	1.1396	1.2643	1.2642
STR 568	100YR0 3hr	738.11	736.43	0.0012	52.28	52.32	702	1.7399	1.6224	1.7482	1.7565
STR 568	100YR0 6hr	738.11	736.62	0.0010	53.96	54.34	703	3.2097	3.0963	3.3198	3.3256
STR 568	100YR1 2hr	738.11	736.55	0.0010	52.17	52.58	703	6.2068	5.9369	6.2589	6.2612
STR 568	100YR2 4hr	738.11	736.32	0.0010	50.40	51.04	703	12.1358	11.8002	12.2610	12.2623
STR 569	002YR0 1HR	738.11	732.70	-0.0010	17.48	17.48	590	0.8745	1.2377	0.8708	0.8723

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 569	002YR0 2HR	738.11	733.14	0.0010	18.68	18.54	590	1.3894	1.2964	1.3622	1.3742
STR 569	002YR0 3HR	738.11	733.19	0.0010	19.19	19.06	590	1.8775	1.7752	1.8516	1.8623
STR 569	002YR0 6HR	738.11	733.52	0.0010	22.59	22.61	590	3.3271	2.0563	3.3253	3.3349
STR 569	002YR1 2HR	738.11	733.73	-0.0010	24.83	24.90	590	6.2703	7.0182	6.2796	6.2863
STR 569	002YR2 4HR	738.11	733.82	0.0010	25.65	25.72	590	12.2081	11.9962	12.2266	12.2331
STR 569	010YR0 1Hr	738.11	734.25	-0.0010	31.03	31.13	590	0.8339	1.7643	0.8484	0.8517
STR 569	010YR0 2Hr	738.11	734.63	-0.0010	35.21	35.40	590	1.3083	2.5930	1.3338	1.3358
STR 569	010YR0 3Hr	738.11	734.68	-0.0010	35.66	35.85	590	1.7977	3.2029	1.8232	1.8275
STR 569	010YR0 6Hr	738.11	735.07	-0.0010	39.51	39.75	590	3.2675	4.9994	3.2995	3.3024
STR 569	010YR1 2Hr	738.11	735.16	0.0010	40.27	40.51	590	6.2295	6.0030	6.2590	6.2641
STR 569	010YR2 4Hr	738.11	735.03	0.0010	38.61	38.80	590	12.1773	11.9208	12.2075	12.2134
STR 569	1 1/4" 24hr	738.11	731.43	0.0008	6.07	5.99	566	12.3162	12.1537	12.2823	12.3015
STR 569	100YR0 1hr	738.11	736.29	0.0013	49.56	49.91	590	0.7903	0.6750	0.8070	0.8271
STR 569	100YR0 2hr	738.11	736.60	0.0013	51.17	51.24	590	1.2543	1.1412	1.2661	1.2671
STR 569	100YR0 3hr	738.11	736.64	0.0012	51.16	51.21	590	1.7427	1.6242	1.7519	1.7576
STR 569	100YR0 6hr	738.11	736.82	0.0011	52.91	53.27	590	3.2177	3.0965	3.3199	3.3216
STR 569	100YR1 2hr	738.11	736.75	0.0010	51.05	51.42	590	6.2086	5.9428	6.2568	6.2595
STR 569	100YR2 4hr	738.11	736.51	-0.0010	49.26	49.90	590	12.1371	15.7884	12.2610	12.2630
Str400	002YR0 1HR	742.42	740.76	0.0002	1.19	1.05	4394	1.9460	0.5028	0.7000	1.1032
Str400	002YR0 2HR	742.42	740.77	0.0002	1.56	1.22	4613	2.0857	0.9943	1.1834	1.5973
Str400	002YR0 3HR	742.42	740.78	0.0002	1.67	1.27	4670	3.0670	1.4861	1.6667	1.9298
Str400	002YR0 6HR	742.42	740.81	0.0002	2.38	1.74	5120	3.3165	3.0000	3.1639	3.3155
Str400	002YR1	742.42	740.86	0.0002	3.14	2.41	5777	6.2250	5.7842	6.1167	6.2274

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2HR										
Str400	002YR2 4HR	742.42	740.90	0.0003	3.61	3.07	6329	12.1590	10.0534	12.0832	12.1618
Str400	010YR0 1Hr	742.42	740.87	0.0002	3.46	2.58	5931	0.8217	0.4921	0.6833	0.8239
Str400	010YR0 2Hr	742.42	740.91	0.0002	4.40	3.26	6472	1.2838	1.0321	1.1771	1.2859
Str400	010YR0 3Hr	742.42	740.92	0.0002	4.64	3.45	6608	1.7708	1.5140	1.6666	1.7728
Str400	010YR0 6Hr	742.42	740.97	0.0002	5.99	4.56	7340	3.2275	2.7544	3.1333	3.2292
Str400	010YR1 2Hr	742.42	741.01	0.0003	6.52	5.32	7799	6.1849	5.1864	6.1000	6.1850
Str400	010YR2 4Hr	742.42	741.02	0.0004	6.32	5.53	7927	12.1393	9.5042	12.0667	12.1394
Str400	1 1/4" 24hr	742.42	740.71	0.0002	0.55	0.55	3785	14.1209	11.9867	13.8512	14.1504
Str400	100YR0 1hr	742.42	741.05	0.0002	8.49	6.41	8404	0.7603	0.5180	0.6667	0.7605
Str400	100YR0 2hr	742.42	741.12	0.0002	10.70	8.19	9264	1.2417	1.0155	1.1559	1.2418
Str400	100YR0 3hr	742.42	741.14	0.0002	11.30	8.74	9505	1.7304	1.3988	1.6500	1.7305
Str400	100YR0 6hr	742.42	741.20	0.0003	13.23	10.65	10292	3.2020	2.2022	3.1333	3.2021
Str400	100YR1 2hr	742.42	741.21	0.0004	12.64	11.08	10404	7.1393	4.1696	6.1000	7.1408
Str400	100YR2 4hr	742.42	741.20	0.0001	11.39	10.81	10364	13.0510	12.6457	12.0834	13.0521
Str400A	002YR0 1HR	748.93	741.84	0.0001	0.88	0.88	113	1.6165	0.8060	1.6447	1.6188
Str400A	002YR0 2HR	748.93	741.87	0.0003	1.03	1.03	113	2.4198	1.3286	2.4315	2.4320
Str400A	002YR0 3HR	748.93	741.88	0.0003	1.08	1.08	113	3.3425	1.8079	3.3723	3.3528
Str400A	002YR0 6HR	748.93	741.91	0.0002	1.22	1.22	113	6.0124	3.2374	6.1953	6.2059
Str400A	002YR1 2HR	748.93	741.95	0.0002	1.49	1.49	113	8.7475	5.2123	8.8221	8.9029
Str400A	002YR2 4HR	748.93	742.02	0.0010	2.00	2.00	113	14.0061	41.4032	14.0739	14.0067
Str400A	010YR0 1Hr	748.93	741.94	0.0001	1.42	1.42	113	1.6512	0.8214	1.6553	1.6591
Str400A	010YR0 2Hr	748.93	742.07	0.0001	2.38	2.38	113	2.3763	1.7409	2.3998	2.3878

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Str400A	010YR0 3Hr	748.93	742.09	0.0001	2.55	2.55	113	3.2587	2.1918	3.2844	3.2626
Str400A	010YR0 6Hr	748.93	742.15	0.0002	3.00	3.00	113	5.0661	2.7106	5.0956	5.1056
Str400A	010YR1 2Hr	748.93	742.18	0.0002	3.29	3.29	113	7.7796	5.1532	7.8131	7.7796
Str400A	010YR2 4Hr	748.93	742.20	-0.0009	3.51	3.51	113	13.7218	10.2046	13.7209	13.7220
Str400A	1 1/4" 24hr	748.93	741.76	0.0002	0.52	0.52	113	14.1640	12.1626	14.3576	14.2937
Str400A	100YR0 1hr	748.93	742.20	0.0002	3.48	3.48	113	1.5485	0.9395	1.5729	1.5698
Str400A	100YR0 2hr	748.93	742.26	0.0002	4.16	4.16	113	2.3749	1.3741	2.3890	2.3770
Str400A	100YR0 3hr	748.93	742.32	0.0002	4.76	4.76	114	3.2396	1.8329	3.2486	3.2414
Str400A	100YR0 6hr	748.93	742.67	-0.0010	9.05	9.05	118	4.2358	34.4339	4.2295	4.2387
Str400A	100YR1 2hr	748.93	742.75	0.0010	10.29	10.29	118	7.0969	39.5449	7.0923	7.0969
Str400A	100YR2 4hr	748.93	742.73	-0.0006	10.06	10.06	118	13.0184	14.1441	13.0178	13.0184
YI-Ex-03	002YR0 1HR	737.84	734.75	0.0009	10.06	9.89	608	0.8423	0.2950	0.8047	0.8247
YI-Ex-03	002YR0 2HR	737.84	734.92	0.0009	11.85	11.63	611	1.3261	0.2950	1.2913	1.3010
YI-Ex-03	002YR0 3HR	737.84	734.96	0.0009	12.26	12.03	611	1.8155	0.2950	1.7805	1.8031
YI-Ex-03	002YR0 6HR	737.84	735.20	0.0009	14.87	14.68	611	3.2825	0.2950	3.2533	3.2715
YI-Ex-03	002YR1 2HR	737.84	735.38	0.0009	16.89	16.71	611	6.2358	0.2950	6.2105	6.2250
YI-Ex-03	002YR2 4HR	737.84	735.44	0.0009	17.61	17.45	611	12.1793	0.2950	12.1575	12.1691
YI-Ex-03	010YR0 1Hr	737.84	735.75	0.0009	21.56	21.25	611	0.8057	0.2950	0.7788	0.7948
YI-Ex-03	010YR0 2Hr	737.84	736.04	0.0009	25.20	24.99	611	1.2853	0.2950	1.2647	1.2755
YI-Ex-03	010YR0 3Hr	737.84	736.09	0.0009	25.69	25.50	611	1.7772	0.2950	1.7514	1.7645
YI-Ex-03	010YR0 6Hr	737.84	736.42	0.0009	29.38	29.31	611	3.2479	0.2950	3.2246	3.2384
YI-Ex-03	010YR1 2Hr	737.84	736.48	0.0009	29.93	29.90	611	6.2109	0.2950	6.2000	6.2045
YI-Ex-03	010YR2	737.84	736.35	0.0009	29.12	29.18	611	12.1447	0.2950	12.1519	12.1574

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	4Hr										
YI-Ex-03	1 1/4" 24hr	737.84	734.04	0.0006	3.66	3.62	521	12.2359	0.2934	12.2073	12.2270
YI-Ex-03	100YR0 1hr	737.84	736.83	0.0009	32.62	32.60	611	0.8035	0.2950	0.7840	0.7987
YI-Ex-03	100YR0 2hr	737.84	737.06	0.0010	33.82	33.86	611	1.2856	1.1409	1.2845	1.4907
YI-Ex-03	100YR0 3hr	737.84	737.10	0.0010	34.22	34.33	611	1.7844	1.6250	1.9721	1.9704
YI-Ex-03	100YR0 6hr	737.84	737.26	0.0010	35.89	35.99	611	3.2587	4.7286	3.3865	3.3821
YI-Ex-03	100YR1 2hr	737.84	737.37	0.0009	36.02	36.12	611	6.7108	0.2950	6.2935	6.2922
YI-Ex-03	100YR2 4hr	737.84	737.50	0.0009	35.06	35.03	611	12.5974	13.0344	12.1500	12.1504
YI-Ex31 6	002YR0 1HR	737.55	735.18	0.0010	8.02	7.79	593	0.8172	0.1557	0.7667	0.7900
YI-Ex31 6	002YR0 2HR	737.55	735.36	0.0010	9.32	9.05	593	1.3047	0.1557	1.2533	1.2766
YI-Ex31 6	002YR0 3HR	737.55	735.40	0.0010	9.60	9.32	593	1.7961	0.1557	1.7500	1.7687
YI-Ex31 6	002YR0 6HR	737.55	735.67	0.0010	11.38	11.04	593	3.2671	0.1557	3.2186	3.2406
YI-Ex31 6	002YR1 2HR	737.55	735.87	0.0010	12.49	12.23	593	6.2218	0.1557	6.1836	6.2012
YI-Ex31 6	002YR2 4HR	737.55	735.94	0.0010	12.60	12.43	593	12.1679	0.1557	12.1340	12.1499
YI-Ex31 6	010YR0 1Hr	737.55	736.44	0.0010	16.17	15.97	594	0.7918	0.1557	0.7501	0.7577
YI-Ex31 6	010YR0 2Hr	737.55	736.93	0.0010	18.49	18.31	594	1.2746	0.1557	1.2407	1.2510
YI-Ex31 6	010YR0 3Hr	737.55	737.00	0.0010	18.73	18.55	594	1.7662	1.6633	1.7335	1.7419
YI-Ex31 6	010YR0 6Hr	737.55	737.59	0.0011	21.00	20.81	924	3.2432	3.1191	3.2225	3.2179
YI-Ex31 6	010YR1 2Hr	737.55	737.67	-0.0010	21.64	20.84	2596	6.2146	6.2592	6.1743	6.1576
YI-Ex31 6	010YR2 4Hr	737.55	737.46	0.0010	19.81	19.78	593	12.1496	0.1557	12.1404	12.1465
YI-Ex31 6	1 1/4" 24hr	737.55	734.46	0.0007	3.08	3.01	566	12.2037	11.9867	12.1640	12.1898
YI-Ex31 6	100YR0 1hr	737.55	738.17	-0.0089	26.85	23.94	13434	0.9092	1.0751	0.7500	0.6713
YI-Ex31 6	100YR0 2hr	737.55	738.37	-0.0095	28.57	25.50	17814	1.4354	1.6821	1.2480	1.5668

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
YI-Ex31 6	100YR0 3hr	737.55	738.40	-0.0092	28.77	25.45	18593	1.9306	2.1970	1.7334	2.0504
YI-Ex31 6	100YR0 6hr	737.55	738.53	-0.0048	29.88	24.02	21319	3.4185	3.8452	3.2158	3.4821
YI-Ex31 6	100YR1 2hr	737.55	738.48	-0.0026	28.94	22.50	20322	6.3963	6.8271	6.1717	6.3884
YI-Ex31 6	100YR2 4hr	737.55	738.35	-0.0010	26.93	21.13	17488	12.3778	12.6787	12.1333	11.9840
YI-Ex31 7	002YR0 1HR	738.38	735.35	0.0010	7.51	7.23	598	0.8025	0.1557	0.7500	0.7668
YI-Ex31 7	002YR0 2HR	738.38	735.52	0.0010	8.95	8.56	598	1.2932	0.1557	1.2333	1.2511
YI-Ex31 7	002YR0 3HR	738.38	735.56	0.0010	9.20	8.81	598	1.7844	0.1557	1.7167	1.7385
YI-Ex31 7	002YR0 6HR	738.38	735.83	-0.0010	11.03	10.53	598	3.2583	3.3503	3.2000	3.2174
YI-Ex31 7	002YR1 2HR	738.38	736.04	-0.0010	12.13	11.66	598	6.2157	6.2912	6.1666	6.1828
YI-Ex31 7	002YR2 4HR	738.38	736.11	0.0010	12.18	11.84	598	12.1636	0.1557	12.1166	12.1338
YI-Ex31 7	010YR0 1Hr	738.38	736.76	-0.0010	15.93	15.62	598	0.7856	0.8374	0.7334	0.7475
YI-Ex31 7	010YR0 2Hr	738.38	737.35	0.0010	18.48	18.19	598	1.2692	1.1792	1.2333	1.2336
YI-Ex31 7	010YR0 3Hr	738.38	737.43	-0.0010	18.75	18.42	598	1.7595	1.8272	1.7167	1.7208
YI-Ex31 7	010YR0 6Hr	738.38	738.13	0.0013	21.23	20.90	598	3.2321	3.1218	3.1833	3.2005
YI-Ex31 7	010YR1 2Hr	738.38	738.22	0.0011	21.53	21.31	598	6.1890	6.0681	6.1500	6.1671
YI-Ex31 7	010YR2 4Hr	738.38	737.94	0.0010	19.79	19.59	598	12.1483	12.0129	12.1167	12.1173
YI-Ex31 7	1 1/4" 24hr	738.38	734.70	0.0009	2.58	2.52	547	12.1779	0.1178	12.1335	12.1645
YI-Ex31 7	100YR0 1hr	738.38	738.88	-0.0028	31.30	26.76	10916	0.8400	1.0110	0.7333	0.6721
YI-Ex31 7	100YR0 2hr	738.38	739.11	-0.0034	36.43	27.48	15866	1.3535	1.6155	1.2167	1.1396
YI-Ex31 7	100YR0 3hr	738.38	739.14	-0.0035	37.07	27.36	16616	1.8497	2.1262	1.7166	1.6263
YI-Ex31 7	100YR0 6hr	738.38	739.28	-0.0020	40.79	27.02	19667	3.3424	3.7192	3.1833	3.0878
YI-Ex31 7	100YR1 2hr	738.38	739.22	0.0014	38.03	25.68	18416	6.3046	5.9881	6.1500	6.0426
YI-Ex31 7	100YR2	738.38	739.02	0.0010	31.59	24.07	13910	12.2424	11.9800	12.1166	11.9960



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
7	4hr										



Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.7800 ac  
Curve Number: 89.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 465

Scenario: Bluffs Overall  
Node: STR 465  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.2900 ac  
Curve Number: 85.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 466

Scenario: Bluffs Overall  
Node: STR 466  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0

Area: 0.6100 ac  
Curve Number: 87.5  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 467

Scenario: Bluffs Overall  
Node: STR 467  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 9.9000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.4000 ac  
Curve Number: 85.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 468

Scenario: Bluffs Overall  
Node: STR 468  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3400 ac  
Curve Number: 88.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 469

Scenario: Bluffs Overall  
Node: STR 469  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 19.6000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.6800 ac  
Curve Number: 89.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 474

Scenario: Bluffs Overall  
Node: STR 474  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 6.4300 ac  
Curve Number: 90.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 501

Scenario: Bluffs Overall

Node: STR 501  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 21.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 4.1200 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 503

Scenario: Bluffs Overall  
Node: STR 503  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.3000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6400 ac  
Curve Number: 90.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 504

Scenario: Bluffs Overall  
Node: STR 504  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.7000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484

Peaking Factor: 484.0  
Area: 0.5900 ac  
Curve Number: 90.9  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 517

Scenario: Bluffs Overall  
Node: STR 517  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.7800 ac  
Curve Number: 90.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 521

Scenario: Bluffs Overall  
Node: STR 521  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 3.9400 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 522

Scenario: Bluffs Overall  
Node: STR 522  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.2000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 4.3000 ac  
Curve Number: 81.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 524

Scenario: Bluffs Overall  
Node: STR 524  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 6.1000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3400 ac  
Curve Number: 87.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 525



Scenario: Bluffs Overall  
Node: STR 525  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 15.4000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6300 ac  
Curve Number: 91.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 539

Scenario: Bluffs Overall  
Node: STR 539  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 16.8000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.4400 ac  
Curve Number: 90.8  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 540

Scenario: Bluffs Overall  
Node: STR 540  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 17.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr

Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3100 ac  
Curve Number: 90.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 541

Scenario: Bluffs Overall  
Node: STR 541  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.4600 ac  
Curve Number: 87.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS 542

Scenario: Bluffs Overall  
Node: STR 541  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 7.8800 ac  
Curve Number: 89.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00

Rainfall Name:

Comment:

## Simple Basin: BAS 549

Scenario: Bluffs Overall  
Node: STR 549  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.4000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 5.7900 ac  
Curve Number: 89.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 568

Scenario: Bluffs Overall  
Node: STR 568  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 12.1000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.3100 ac  
Curve Number: 87.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS 569

Scenario: Bluffs Overall  
Node: STR 569  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 16.9000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.5000 ac  
Curve Number: 91.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS L1

Scenario: Bluffs Overall  
Node: Lake 1  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 27.4000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 17.4900 ac  
Curve Number: 88.1  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: BAS L3

Scenario: Bluffs Overall  
Node: Lake 3  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.5000 min  
Max Allowable Q: 0.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 42.5800 ac  
Curve Number: 87.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: BAS L4

Scenario: Bluffs Overall  
Node: Lake 4  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 15.5000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 5.7700 ac  
Curve Number: 82.3  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: CapricornCtDA

Scenario: Bluffs Overall  
Node: NinevahRdBasin  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 6.6700 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00

% Direct: 0.00  
Rainfall Name:

Comment: +0.34 Ac of Direct Runoff from proposed site to existing catch basins

Simple Basin: Dir30RCP

Scenario: Bluffs Overall  
Node: Outlet2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 15.4000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.7900 ac  
Curve Number: 78.2  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: DirectE

Scenario: Bluffs Overall  
Node: Outlet1  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 30.7000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.5200 ac  
Curve Number: 76.7  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex Pond DA

Scenario: Bluffs Overall  
Node: Ex Pond A  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 16.9700 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-01 Basin

Scenario: Bluffs Overall  
Node: CI-Ex-01  
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: UH484  
Peaking Factor: 484.0  
Area: 0.6800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Ex-02 Basin

Scenario: Bluffs Overall  
Node: CI-EX-02  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 25.3000 min  
Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.2700 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-03 Basin

Scenario: Bluffs Overall  
Node: YI-Ex-03  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 18.6000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8100 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-04 Basin

Scenario: Bluffs Overall  
Node: CI-Ex-04  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 32.3000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3300 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00



% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Ex-05 Basin

Scenario: Bluffs Overall  
Node: CI-Ex-05  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 24.9000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.3800 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: OffsiteSouth

Scenario: Bluffs Overall  
Node: Lake 2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 30.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 10.5600 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: OnsiteLake2

Scenario: Bluffs Overall  
Node: Lake 2  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 21.6000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: Uh484  
Peaking Factor: 484.0  
Area: 15.8900 ac  
Curve Number: 85.6  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Pond B Basin

Scenario: Bluffs Overall  
Node: Ex Pond B  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 36.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 16.4500 ac  
Curve Number: 82.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: Pr-YI-Ex316

Scenario: Bluffs Overall  
Node: YI-Ex316  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 22.0000 min  
Max Allowable Q: 999999.00 cfs

Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 1.8300 ac  
Curve Number: 86.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Pr-YI-Ex317

Scenario: Bluffs Overall  
Node: YI-Ex317  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 7.1600 ac  
Curve Number: 86.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment: 437, 438, 444, EX317, Ex318, Ex319  
ToC = 18.9 + 1.1 min pipe flow = 20

Simple Basin: SMB - Direct Discharge

Scenario: Bluffs Overall  
Node: Direct Discharge  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 20.0000 min  
Max Allowable Q: 0.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 15.0800 ac  
Curve Number: 86.0  
% Impervious: 0.00

% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: SouthFarmFieldF

Scenario: Bluffs Overall  
Node: PR405  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 28.7000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 2.6900 ac  
Curve Number: 76.0  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

Simple Basin: Sub405

Scenario: Bluffs Overall  
Node: PR405  
Hydrograph Method: NRCS Unit Hydrograph  
Infiltration Method: Curve Number  
Time of Concentration: 14.5000 min  
Max Allowable Q: 999999.00 cfs  
Time Shift: 0.0000 hr  
Unit Hydrograph: UH484  
Peaking Factor: 484.0  
Area: 0.6800 ac  
Curve Number: 78.4  
% Impervious: 0.00  
% DCIA: 0.00  
% Direct: 0.00  
Rainfall Name:

Comment:

## Simple Basin: US-Str400

Scenario: Bluffs Overall  
 Node: Str400  
 Hydrograph Method: NRCS Unit Hydrograph  
 Infiltration Method: Curve Number  
 Time of Concentration: 14.1000 min  
 Max Allowable Q: 999999.00 cfs  
 Time Shift: 0.0000 hr  
 Unit Hydrograph: UH484  
 Peaking Factor: 484.0  
 Area: 2.1600 ac  
 Curve Number: 78.7  
 % Impervious: 0.00  
 % DCIA: 0.00  
 % Direct: 0.00  
 Rainfall Name:

Comment:

## Pipe Link: 400A-400

	Upstream	Downstream
Scenario: Bluffs Overall	Invert: 741.50 ft	Invert: 740.42 ft
From Node: Str400A	Manning's N: 0.0120	Manning's N: 0.0120
To Node: Str400	Geometry: Circular	Geometry: Circular
Link Count: 1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction: Both	Bottom Clip	
Damping: 0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length: 90.00 ft	Op Table:	Op Table:
FHWA Code: 0	Ref Node:	Ref Node:
Entr Loss Coef: 0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef: 0.50	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: 0.0130	Manning's N: 0.0130

Comment:

Pipe Link: 401-NinevahRd		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 740.09 ft	Invert: 740.03 ft
From Node:	Outlet1	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	NinevahRdBasin	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	20.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 403-401		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 741.11 ft	Invert: 740.13 ft
From Node:	PR403	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Outlet1	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	414.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 405-403		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 747.12 ft	Invert: 744.54 ft
From Node:	PR405	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	PR403	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	52.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: 461-462		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.69 ft	Invert: 734.37 ft
From Node:	STR 461	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 462	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	120.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 462-463		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.27 ft	Invert: 734.19 ft
From Node:	STR 462	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 463	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.20 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 463-464		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.09 ft	Invert: 734.04 ft
From Node:	STR 463	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 464	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 464-465		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.94 ft	Invert: 733.73 ft
From Node:	STR 464	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 465	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.75 ft	Max Depth: 1.75 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	179.20 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 465-466		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.63 ft	Invert: 733.26 ft
From Node:	STR 465	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 466	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	178.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 466-467		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.16 ft	Invert: 733.09 ft
From Node:	STR 466	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 467	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 467-468		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.99 ft	Invert: 732.86 ft
From Node:	STR 467	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 468	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:	157.66 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 468-469		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.76 ft	Invert: 732.70 ft
From Node:	STR 468	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 469	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:	55.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 469-471		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.60 ft	Invert: 732.13 ft
From Node:	STR 469	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 471	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:	225.48 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 471-472		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.03 ft	Invert: 731.93 ft
From Node:	STR 471	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 472	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:	136.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 472-473		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 731.83 ft	Invert: 731.80 ft
From Node:	STR 472	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 473	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 473-474		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 731.70 ft	Invert: 731.54 ft
From Node:	STR 473	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 474	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:	177.68 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 474-504		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 731.44 ft	Invert: 731.23 ft
From Node:	STR 474	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 504	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:	141.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 501-569		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.51 ft	Invert: 730.34 ft
From Node:	STR 501	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 569	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	146.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 503-501		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.98 ft	Invert: 730.61 ft
From Node:	STR 503	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 501	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:	152.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 504-503		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 731.13 ft	Invert: 731.08 ft
From Node:	STR 504	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 503	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:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 512-Outlet4		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 725.20 ft	Invert: 725.00 ft
From Node:	STR 512	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Outlet 4	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:	99.15 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	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: 515-514		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.05 ft	Invert: 729.00 ft
From Node:	STR 515	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Lake 4	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:	49.70 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 516-515		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.19 ft	Invert: 729.15 ft
From Node:	STR 515	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 516	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:	49.42 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 517-516		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.40 ft	Invert: 729.29 ft
From Node:	STR 516	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 517	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:	138.21 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 521-517		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.98 ft	Invert: 729.50 ft
From Node:	STR 517	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 521	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:	271.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 522-521		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.31 ft	Invert: 730.08 ft
From Node:	STR 521	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 522	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:	280.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 523-522		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.69 ft	Invert: 730.44 ft
From Node:	STR 522	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 523	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	284.45 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 524-523		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.82 ft	Invert: 730.79 ft
From Node:	STR 523	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 524	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	32.54 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 525-524		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.95 ft	Invert: 730.92 ft
From Node:	STR 524	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 525	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.75 ft	Max Depth: 1.75 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 526-525		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 731.21 ft	Invert: 731.05 ft
From Node:	STR 525	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 526	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.75 ft	Max Depth: 1.75 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	151.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 539-Lake4		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.26 ft	Invert: 729.00 ft
From Node:	STR 539	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Lake 4	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	234.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	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: 540-539		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.38 ft	Invert: 729.36 ft
From Node:	STR 540	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 539	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 541-540		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.57 ft	Invert: 729.48 ft
From Node:	STR 541	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 540	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 5.00 ft	Max Depth: 5.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	136.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 549-541		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 729.80 ft	Invert: 729.67 ft
From Node:	STR 549	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 541	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.50 ft	Max Depth: 4.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	224.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 568-549		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.12 ft	Invert: 729.90 ft
From Node:	STR 568	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 549	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	184.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: 569-568		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 730.24 ft	Invert: 730.22 ft
From Node:	STR 569	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 568	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 4.00 ft	Max Depth: 4.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	28.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0000	Manning's N: 0.0000
Exit Loss Coef:	0.50	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: AriesBlvd		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.50 ft	Invert: 734.47 ft
From Node:	CI-Ex319	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex318	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	29.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX3-Ex2 42"		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.34 ft	Invert: 732.91 ft
From Node:	YI-Ex-03	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-EX-02	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	184.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: EX8-Ex9 24"		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.47 ft	Invert: 734.01 ft
From Node:	CI-Ex318	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex317	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	175.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			



Pipe Link: Ex1-Pond B		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.95 ft	Invert: 732.75 ft
From Node:	CI-Ex-01	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Ex Pond B	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 3.50 ft	Max Depth: 3.50 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	189.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex4-Ex3 36"		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.37 ft	Invert: 733.34 ft
From Node:	CI-Ex-04	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex-03	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:	185.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex6-Ex5 30"		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.55 ft	Invert: 733.40 ft
From Node:	YI-Ex316	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex-05	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:	135.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Ex7-Ex6 30"		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.01 ft	Invert: 733.55 ft
From Node:	YI-Ex317	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	YI-Ex316	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:	333.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: ExPond1Outlet		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 734.60 ft	Invert: 734.50 ft
From Node:	Ex Pond A	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex319	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	167.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Drop Structure Link: L1 - EastOutlet		Upstream Pipe	Downstream Pipe
Scenario:	Bluffs Overall	Invert: 742.00 ft	Invert: 741.50 ft
From Node:	Lake 1	Manning's N: 0.0130	Manning's N: 0.0130
To Node:	Str400A	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
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: 0.0130	Manning's N: 0.0130
Length:	252.00 ft	Top Clip	
FHWA Code:	1	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: 0.0130	Manning's N: 0.0130
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:	742.00 ft	Op Table:
Control Elevation:	742.00 ft	Ref Node:
Max Depth:	0.50 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: Circular	Default: 0.00 ft
Invert: 744.20 ft	Op Table:
Control Elevation: 744.20 ft	Ref Node:
Max Depth: 0.63 ft	Discharge Coefficients
	Weir Default: 3.200
	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Weir Component	
Weir: 3	Bottom Clip
Weir Count: 3	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: 747.10 ft	Op Table:
Control Elevation: 747.10 ft	Ref Node:
Max Depth: 0.40 ft	Discharge Coefficients
Max Width: 1.67 ft	Weir Default: 3.200
Fillet: 0.00 ft	Weir Table:
	Orifice Default: 0.600
	Orifice Table:

Weir Comment:

Weir Component	
Weir: 4	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: 748.00 ft	Op Table:
Control Elevation: 748.00 ft	Ref Node:
Max Depth: 4.00 ft	Discharge Coefficients
Max Width: 4.00 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: L2-ExPondA		Upstream Pipe	Downstream Pipe
Scenario:	Bluffs Overall	Invert: 735.00 ft	Invert: 734.79 ft
From Node:	Lake 2	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 461	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.00 ft	Max Depth: 1.00 ft
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: 0.0120	Manning's N: 0.0120
Length:	78.92 ft	Top Clip	
FHWA Code:	1	Default: 0.00 ft	Default: 0.00 ft
Entr Loss Coef:	0.20	Op Table:	Op Table:
Exit Loss Coef:	0.50	Ref Node:	Ref Node:
Bend Loss Coef:	0.00	Manning's N: 0.0120	Manning's N: 0.0120
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:	735.00 ft
Control Elevation:	735.00 ft
Max Depth:	0.67 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:

Drop Structure Link: L3-526		Upstream Pipe	Downstream Pipe
Scenario:	Bluffs Overall	Invert: 731.50 ft	Invert: 731.21 ft
From Node:	Lake 3	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	STR 526	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 1.25 ft	Max Depth: 1.25 ft
Flow Direction:	Both	Bottom Clip	
Solution:	Combine	Default: 0.00 ft	Default: 0.00 ft
Increments:	0	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:	50.00 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:	0.00	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	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:	731.00 ft	Op Table:	
Control Elevation:	731.00 ft	Ref Node:	
Max Depth:	1.00 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:	734.50 ft	Op Table:	
Control Elevation:	734.50 ft	Ref Node:	
Max Depth:	0.50 ft	Discharge Coefficients	
Max Width:	1.00 ft	Weir Default:	3.200
Fillet:	0.00 ft	Weir Table:	
		Orifice Default:	0.600
		Orifice Table:	

Weir Comment:

Weir Component	
Weir: 3	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: 734.75 ft	Op Table:
Control Elevation: 734.75 ft	Ref Node:
Max Depth: 3.00 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: Lake 4 - 512		Upstream Pipe	Downstream Pipe
Scenario: Bluffs Overall		Invert: 728.00 ft	Invert: 727.93 ft
From Node: Lake 4		Manning's N: 0.0120	Manning's N: 0.0120
To Node: STR 512		Geometry: Circular	Geometry: Circular
Link Count: 1		Max Depth: 2.50 ft	Max Depth: 2.50 ft
Flow Direction: Both		Bottom Clip	
Solution: Combine		Default: 0.00 ft	Default: 0.00 ft
Increments: 0		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: 22.00 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: 0.50		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	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: 729.00 ft	Op Table:
Control Elevation: 729.00 ft	Ref Node:

Max Depth: 0.50 ft  
 Max Width: 0.50 ft  
 Fillet: 0.00 ft

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

Weir Comment:

#### Weir Component

Weir: 2  
 Weir Count: 2  
 Weir Flow Direction: Both  
 Damping: 0.0000 ft  
 Weir Type: Sharp Crested Vertical  
 Geometry Type: Rectangular  
 Invert: 730.00 ft  
 Control Elevation: 730.00 ft  
 Max Depth: 1.50 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:

#### Pipe Link: NinevahCMP

#### Upstream

#### Downstream

Scenario: Bluffs Overall  
 From Node: NinevahRdBasin  
 To Node: EastFarmField  
 Link Count: 1  
 Flow Direction: Both  
 Damping: 0.0000 ft  
 Length: 78.00 ft  
 FHWA Code: 30  
 Entr Loss Coef: 0.20  
 Exit Loss Coef: 1.00  
 Bend Loss Coef: 0.00  
 Bend Location: 0.00 dec  
 Energy Switch: Energy

Invert: 738.30 ft  
 Manning's N: 0.0250  
 Geometry: Horizontal Ellipse  
 Max Depth: 2.42 ft

Invert: 736.80 ft  
 Manning's N: 0.0250  
 Geometry: Horizontal Ellipse  
 Max Depth: 2.42 ft

#### Bottom Clip

Default: 0.00 ft  
 Op Table:  
 Ref Node:

Default: 0.00 ft  
 Op Table:  
 Ref Node:

Manning's N: 0.0250

Manning's N: 0.0250

#### Top Clip

Default: 0.00 ft  
 Op Table:  
 Ref Node:  
 Manning's N: 0.0250

Default: 0.00 ft  
 Op Table:  
 Ref Node:  
 Manning's N: 0.0250

Comment:



Pipe Link: Outlet2-PondB		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 736.50 ft	Invert: 732.50 ft
From Node:	Outlet2	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	Ex Pond B	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:	413.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
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: 0.0130	Manning's N: 0.0130
Comment:			

Pipe Link: Pond B Outlet		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.77 ft	Invert: 730.91 ft
From Node:	Ex Pond B	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	DS Ex CB	Geometry: Circular	Geometry: Circular
Link Count:	1	Max Depth: 2.00 ft	Max Depth: 2.00 ft
Flow Direction:	Both	Bottom Clip	
Damping:	0.0000 ft	Default: 0.00 ft	Default: 0.00 ft
Length:	167.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Channel Link: RearDitch		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 740.42 ft	Invert: 736.50 ft
From Node:	Str400	Manning's N: 0.0280	Manning's N: 0.0280
To Node:	Outlet2	Geometry: Trapezoidal	Geometry: Trapezoidal
Link Count:	1	Max Depth: 9999.00 ft	Max Depth: 9999.00 ft
Flow Direction:	Both	Extrapolation: Normal	Extrapolation: Normal
Damping:	0.0000 ft	Bottom Width: 0.00 ft	Bottom Width: 0.00 ft
Length:	380.00 ft	Left Slope: 5.000 (h:v)	Left Slope: 5.000 (h:v)
Contraction Coef:	0.10	Right Slope: 5.000 (h:v)	Right Slope: 5.000 (h:v)
Expansion Coef:	0.30	Bottom Clip	
Entr Loss Coef:	0.00	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: 0.0280	Manning's N: 0.0280
Energy Switch:	Energy	Top Clip	
		Default: 0.00 ft	Default: 0.00 ft
		Op Table:	Op Table:
		Ref Node:	Ref Node:
		Manning's N: 0.0280	Manning's N: 0.0280
Comment:			

Pipe Link: Virgo Dr		Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 733.40 ft	Invert: 733.37 ft
From Node:	CI-Ex-05	Manning's N: 0.0120	Manning's N: 0.0120
To Node:	CI-Ex-04	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:	29.00 ft	Op Table:	Op Table:
FHWA Code:	0	Ref Node:	Ref Node:
Entr Loss Coef:	0.20	Manning's N: 0.0130	Manning's N: 0.0130
Exit Loss Coef:	0.50	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: 0.0130	Manning's N: 0.0130
Comment:			

Weir Link: Weir-L4-Outlet		
Scenario:	Bluffs Overall	Bottom Clip
From Node:	Lake 4	Default: 0.00 ft
To Node:	Outlet 4	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:	735.00 ft	Discharge Coefficients
Control Elevation:	735.00 ft	Weir Default: 2.800
Max Depth:	2.00 ft	Weir Table:
Extrapolation Method:	Normal Projection	Orifice Default: 0.600
Bottom Width:	30.00 ft	Orifice Table:
Left Slope:	4.000 (h:v)	
Right Slope:	4.000 (h:v)	
Comment:		

Pipe Link: WindstarDr		
	Upstream	Downstream
Scenario:	Bluffs Overall	Invert: 732.91 ft
From Node:	CI-EX-02	Invert: 732.95 ft
To Node:	CI-Ex-01	Manning's N: 0.0120
Link Count:	1	Manning's N: 0.0120
Flow Direction:	Both	Geometry: Circular
Damping:	0.0000 ft	Geometry: Circular
Length:	36.00 ft	Max Depth: 3.50 ft
FHWA Code:	0	Max Depth: 3.50 ft
Entr Loss Coef:	0.20	Bottom Clip
Exit Loss Coef:	0.50	Default: 0.00 ft
Bend Loss Coef:	0.00	Default: 0.00 ft
Bend Location:	0.00 dec	Op Table:
Energy Switch:	Energy	Op Table:
		Ref Node:
		Ref Node:
	Manning's N: 0.0130	Manning's N: 0.0130
		Top Clip
		Default: 0.00 ft
		Default: 0.00 ft
		Op Table:
		Op Table:
		Ref Node:
		Ref Node:
	Manning's N: 0.0130	Manning's N: 0.0130
Comment:		

Node: CI-EX-02		
Scenario:	Bluffs Overall	
Type:	Stage/Area	
Base Flow:	0.00 cfs	
Initial Stage:	732.91 ft	
Warning Stage:	739.81 ft	
Stage [ft]	Area [ac]	Area [ft2]
732.91	0.0003	13
739.81	0.0003	13

Stage [ft]	Area [ac]	Area [ft2]
740.81	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-01

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 732.95 ft  
Warning Stage: 738.95 ft

Stage [ft]	Area [ac]	Area [ft2]
732.95	0.0003	13
738.95	0.0003	13
739.95	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-04

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.37 ft  
Warning Stage: 739.37 ft

Stage [ft]	Area [ac]	Area [ft2]
733.37	0.0002	9
739.37	0.0002	9
740.37	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: CI-Ex-05

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.40 ft  
Warning Stage: 739.30 ft

Stage [ft]	Area [ac]	Area [ft2]
733.40	0.0002	9
739.30	0.0002	9
740.30	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex318

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.47 ft  
 Warning Stage: 738.90 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.90	0.0002	9
739.90	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: CI-Ex319

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 734.00 ft  
 Warning Stage: 739.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
739.00	0.0002	9
740.00	0.5000	21780

Comment: (converted from manhole to stage/area node)

#### Node: DS Ex CB

Scenario: Bluffs Overall  
 Type: Time/Stage

Base Flow: 0.00 cfs  
 Initial Stage: 730.91 ft  
 Warning Stage: 738.91 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	730.91
0	0	0	12.0000	733.91
0	0	0	30.0000	730.91

Comment:

#### Node: Direct Discharge

Scenario: Bluffs Overall  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 0.00 ft  
 Warning Stage: 0.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	0.00
0	0	0	48.0000	0.00

Comment:

#### Node: EastFarmField

Scenario: Bluffs Overall  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.80 ft  
 Warning Stage: 743.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	736.80
0	0	0	12.0000	738.80
0	0	0	30.0000	736.80

Comment:

#### Node: Ex Pond A

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
734.55	1.3820	60200
735.00	1.4310	62334
736.00	1.5660	68215
738.00	1.8940	82503
739.00	2.1140	92086

Comment:

Node: Ex Pond B

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.50 ft  
 Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
732.50	0.8706	37923
735.00	1.0650	46391
737.00	1.2700	55321

Comment:

Node: Lake 1

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 742.00 ft  
 Warning Stage: 748.00 ft

Stage [ft]	Area [ac]	Area [ft2]
741.00	0.4160	18121
742.00	0.4750	20691
743.00	0.5370	23392
746.00	0.7370	32104
747.00	0.8090	35240
748.00	1.0420	45390
749.70	1.3860	60374
750.00	1.4790	64425

Comment: For back to back storms use Elevation 747.95 as initial stage.

#### Node: Lake 2

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 735.00 ft  
 Warning Stage: 741.00 ft

Stage [ft]	Area [ac]	Area [ft2]
735.00	1.7100	74488
736.00	1.8500	80586
737.00	2.0100	87556
738.00	2.1700	94525
739.00	2.3300	101495
740.00	2.5000	108900
741.00	2.6700	116305

Comment: 738.51 - WSEL for running back to back 100 year storms

Cant achieve 90% available capacity (735.6) without running the simulation for 100 hours.  
 48 hr - 736.80 ( 67% )

#### Node: Lake 3

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 731.50 ft  
 Warning Stage: 736.00 ft

Stage [ft]	Area [ac]	Area [ft2]
731.00	3.1900	138956
732.00	3.3300	145055
733.00	3.4600	150718
734.00	3.6000	156816
735.00	3.7400	162914
736.00	3.8800	169013
737.00	4.0300	175547
738.00	4.1700	181645

Comment: 736.38 - WSEL for running back to back 100 year storms



## Node: Lake 4

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 729.00 ft  
 Warning Stage: 733.00 ft

Stage [ft]	Area [ac]	Area [ft2]
728.00	1.8900	82328
729.00	2.0100	87556
730.00	2.1400	93218
731.00	2.2600	98446
732.00	2.3900	104108
733.00	2.5200	109771
734.00	2.6500	115434
735.00	2.7900	121532

Comment:

## Node: NinevahRdBasin

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 738.30 ft  
 Warning Stage: 742.00 ft

Stage [ft]	Area [ac]	Area [ft2]
738.30	0.0000	0
741.00	0.0050	218
742.00	0.0530	2309
743.00	0.1033	4500

Comment:

## Node: Outlet 4

Scenario: Bluffs Overall  
 Type: Time/Stage  
 Base Flow: 0.00 cfs  
 Initial Stage: 725.00 ft  
 Warning Stage: 725.00 ft  
 Boundary Stage:

Year	Month	Day	Hour	Stage [ft]
0	0	0	0.0000	725.00
0	0	0	72.0000	725.00

Comment:

Node: Outlet1

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 740.08 ft  
 Warning Stage: 746.34 ft

Stage [ft]	Area [ac]	Area [ft2]
740.08	0.0003	13
746.34	0.0003	13

Comment: (converted from manhole to stage/area node)

Node: Outlet2

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 736.50 ft  
 Warning Stage: 738.50 ft

Stage [ft]	Area [ac]	Area [ft2]
736.50	0.0000	0
737.00	0.0103	449
738.00	0.2074	9034
739.00	0.5490	23914

Comment:

Node: PR403

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 741.10 ft  
 Warning Stage: 748.89 ft

Stage [ft]	Area [ac]	Area [ft2]
741.10	0.0003	13
748.89	0.0003	13

Comment: (converted from manhole to stage/area node)

**Node: PR405**

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 747.00 ft  
Warning Stage: 752.00 ft

Stage [ft]	Area [ac]	Area [ft2]
747.00	0.0000	0
748.00	0.0029	126
749.00	0.0080	348
750.00	0.0240	1045
751.00	0.0347	1512
752.00	0.0511	2226

Comment:

**Node: STR 461**

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.69 ft  
Warning Stage: 741.20 ft

Stage [ft]	Area [ac]	Area [ft2]
734.69	0.0064	279
741.20	0.0064	279
742.20	1.0000	43560

Comment:

**Node: STR 462**

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.27 ft  
Warning Stage: 739.19 ft

Stage [ft]	Area [ac]	Area [ft2]
734.27	0.0064	279
739.19	0.0064	279
740.19	1.0000	43560

Comment:

Node: STR 463

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.09 ft  
Warning Stage: 738.80 ft

Stage [ft]	Area [ac]	Area [ft2]
734.09	0.0064	279
738.80	0.0064	279
739.80	1.0000	43560

Comment:

Node: STR 464

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.94 ft  
Warning Stage: 738.80 ft

Stage [ft]	Area [ac]	Area [ft2]
733.94	0.0064	279
738.80	0.0064	279
739.80	1.0000	43560

Comment:

Node: STR 465

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.63 ft  
Warning Stage: 738.00 ft

Stage [ft]	Area [ac]	Area [ft2]
733.63	0.0064	279
738.00	0.0064	279
739.00	1.0000	43560

Comment:

Node: STR 466

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.16 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
733.16	0.0064	279
738.38	0.0064	279
739.38	1.0000	43560

Comment:

Node: STR 467

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 732.99 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
732.99	0.0064	279
738.38	0.0064	279
739.38	1.0000	43560

Comment:

Node: STR 468

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 732.76 ft  
Warning Stage: 738.55 ft

Stage [ft]	Area [ac]	Area [ft2]
732.76	0.0064	279
738.55	0.0064	279
739.55	1.0000	43560

Comment:

Node: STR 469

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.60 ft  
 Warning Stage: 738.40 ft

Stage [ft]	Area [ac]	Area [ft2]
732.60	0.0064	279
738.40	0.0064	279
739.40	1.0000	43560

Comment:

Node: STR 471

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 732.03 ft  
 Warning Stage: 739.20 ft

Stage [ft]	Area [ac]	Area [ft2]
732.03	0.0064	279
739.20	0.0064	279
740.20	1.0000	43560

Comment:

Node: STR 472

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 731.83 ft  
 Warning Stage: 738.42 ft

Stage [ft]	Area [ac]	Area [ft2]
731.83	0.0064	279
738.42	0.0064	279
739.42	1.0000	43560

Comment:

Node: STR 473

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.70 ft  
Warning Stage: 738.08 ft

Stage [ft]	Area [ac]	Area [ft2]
731.70	0.0064	279
738.08	0.0064	279
739.08	1.0000	43560

Comment:

Node: STR 474

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.44 ft  
Warning Stage: 737.70 ft

Stage [ft]	Area [ac]	Area [ft2]
731.44	0.0064	279
737.70	0.0064	279
738.70	1.0000	43560

Comment:

Node: STR 501

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.51 ft  
Warning Stage: 737.20 ft

Stage [ft]	Area [ac]	Area [ft2]
730.51	0.0064	279
737.20	0.0064	279
738.20	1.0000	43560

Comment:

## Node: STR 503

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 730.98 ft  
 Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
730.98	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

## Node: STR 504

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 731.13 ft  
 Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
731.13	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

## Node: STR 512

Scenario: Bluffs Overall  
 Type: Stage/Area  
 Base Flow: 0.00 cfs  
 Initial Stage: 725.20 ft  
 Warning Stage: 734.32 ft



Stage [ft]	Area [ac]	Area [ft2]
725.20	0.0064	279
734.32	0.0064	279

Comment:

Node: STR 515

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.04 ft  
Warning Stage: 736.00 ft

Stage [ft]	Area [ac]	Area [ft2]
729.04	0.0064	279
736.00	0.0064	279

Comment:

Node: STR 516

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.19 ft  
Warning Stage: 737.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.19	0.0064	279
737.09	0.0064	279

Comment:

Node: STR 517

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.40 ft  
Warning Stage: 737.86 ft

Stage [ft]	Area [ac]	Area [ft2]
729.40	0.0064	279
737.86	0.0064	279

Comment:

Node: STR 521

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.96 ft  
Warning Stage: 736.10 ft

Stage [ft]	Area [ac]	Area [ft2]
729.96	0.0064	279
736.10	0.0064	279

Comment:

Node: STR 522

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.31 ft  
Warning Stage: 735.85 ft

Stage [ft]	Area [ac]	Area [ft2]
730.31	0.0064	279
735.85	0.0064	279

Comment:

Node: STR 523

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.69 ft  
Warning Stage: 738.17 ft

Stage [ft]	Area [ac]	Area [ft2]
730.69	0.0064	279
738.17	0.0064	279

Comment:

## Node: STR 524

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.82 ft  
Warning Stage: 737.69 ft

Stage [ft]	Area [ac]	Area [ft2]
730.82	0.0064	279
737.69	0.0064	279

Comment:

## Node: STR 525

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.95 ft  
Warning Stage: 737.69 ft

Stage [ft]	Area [ac]	Area [ft2]
730.95	0.0064	279
737.69	0.0064	279

Comment:

## Node: STR 526

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 731.21 ft  
Warning Stage: 737.00 ft

Stage [ft]	Area [ac]	Area [ft2]
731.21	0.0064	279
737.00	0.0064	279

Comment:

## Node: STR 539

Scenario: Bluffs Overall  
Type: Stage/Area

Base Flow: 0.00 cfs  
Initial Stage: 729.26 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.26	0.0064	279
738.09	0.0064	279
739.09	1.0000	43560

Comment:

Node: STR 540

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.38 ft  
Warning Stage: 738.09 ft

Stage [ft]	Area [ac]	Area [ft2]
729.38	0.0064	279
738.09	0.0064	279
739.08	1.0000	43560

Comment:

Node: STR 541

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 729.57 ft  
Warning Stage: 737.75 ft

Stage [ft]	Area [ac]	Area [ft2]
729.57	0.0064	279
737.75	0.0064	279
738.75	1.0000	43560

Comment:

Node: STR 549

Scenario: Bluffs Overall  
Type: Stage/Area

Base Flow: 0.00 cfs  
Initial Stage: 729.80 ft  
Warning Stage: 737.50 ft

Stage [ft]	Area [ac]	Area [ft2]
729.80	0.0064	279
737.50	0.0064	279
738.50	1.0000	43560

Comment:

Node: STR 568

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.12 ft  
Warning Stage: 738.11 ft

Stage [ft]	Area [ac]	Area [ft2]
730.12	0.0064	279
738.11	0.0064	279
739.11	1.0000	43560

Comment:

Node: STR 569

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 730.24 ft  
Warning Stage: 738.11 ft

Stage [ft]	Area [ac]	Area [ft2]
730.24	0.0064	279
738.11	0.0064	279
739.11	1.0000	43560

Comment:

Node: Str400

Scenario: Bluffs Overall  
Type: Stage/Area

Base Flow: 0.00 cfs  
Initial Stage: 740.42 ft  
Warning Stage: 742.42 ft

Stage [ft]	Area [ac]	Area [ft2]
740.42	0.0006	28
742.42	0.5000	21780
748.00	0.6000	26136

Comment:

Node: Str400A

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 741.50 ft  
Warning Stage: 748.93 ft

Stage [ft]	Area [ac]	Area [ft2]
741.50	0.0006	28
748.93	0.0006	28

Comment: (converted from manhole to stage/area node)

Node: YI-Ex-03

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.34 ft  
Warning Stage: 737.84 ft

Stage [ft]	Area [ac]	Area [ft2]
733.34	0.0003	13
737.84	0.0003	13
738.84	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: YI-Ex316

Scenario: Bluffs Overall

Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 733.55 ft  
Warning Stage: 737.55 ft

Stage [ft]	Area [ac]	Area [ft2]
733.55	0.0002	9
737.55	0.0002	9
738.55	0.5000	21780

Comment: (converted from manhole to stage/area node)

Node: YI-Ex317

Scenario: Bluffs Overall  
Type: Stage/Area  
Base Flow: 0.00 cfs  
Initial Stage: 734.01 ft  
Warning Stage: 738.38 ft

Stage [ft]	Area [ac]	Area [ft2]
734.00	0.0002	9
738.38	0.0002	9
739.38	0.5000	21780

Comment: (converted from manhole to stage/area node)

## Simulation: 002YR01HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:03 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.39 in  
Storm Duration: 1.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR02HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:05 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.62 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR03HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:08 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.72 in  
Storm Duration: 3.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR06HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:12 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.06 in  
Storm Duration: 6.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR12HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:15 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.45 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 002YR24HR

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:20 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

	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	15.0000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.90 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR01Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:32 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.02 in  
Storm Duration: 1.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR02Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:36 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.38 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR03Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:43 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 2.53 in  
Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR06Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:49 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	12.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

## Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.04 in  
Storm Duration: 6.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

3.7

## Simulation: 010YR12Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:49:56 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.54 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 010YR24Hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:04 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	72.0000

	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	15.0000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 4.06 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 1 1/4" 24hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:19 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	24.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		1.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 1.25 in  
Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR01hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:24 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	3.0000

	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	0.6000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.01 in  
Storm Duration: 1.0000 hr  
  
Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR02hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:29 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	6.0000

	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	1.2000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.65 in  
Storm Duration: 2.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR03hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:36 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	9.0000

	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	1.9000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 3.94 in  
Storm Duration: 3.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR06hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:44 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	36.0000

	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	3.7000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global



Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 4.79 in  
Storm Duration: 6.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR12hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:50:56 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	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	7.5000

## Surface Hydraulics

Year	Month	Day	Hour [hr]	Time Increment [min]
0	0	0	0.0000	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
Link Optimizer Tol: 0.0001 ft  
Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
Rainfall Amount: 5.38 in  
Storm Duration: 12.0000 hr

Dflt Damping (1D): 0.0050 ft  
Min Node Srf Area 113 ft2  
(1D):  
Energy Switch (1D): Energy

Comment:

## Simulation: 100YR24hr

Scenario: Bluffs Overall  
 Run Date/Time: 2/3/2021 8:51:08 AM  
 Program Version: ICPR4 4.07.04

## General

Run Mode: Normal

	Year	Month	Day	Hour [hr]
Start Time:	0	0	0	0.0000
End Time:	0	0	0	48.0000

	Hydrology [sec]	Surface Hydraulics [sec]
Min Calculation Time:	60.0000	0.1000
Max Calculation Time:		1.0000

## 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	5.0000

## Restart File

Save Restart: False

## Resources &amp; Lookup Tables

## Resources

Rainfall Folder: ICPR3

Unit Hydrograph Folder:  
 ICPR3

## Lookup Tables

Boundary Stage Set:  
 Extern Hydrograph Set:  
 Curve Number Set:

Green-Ampt Set:  
 Vertical Layers Set:  
 Impervious Set:

## Tolerances &amp; Options

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

IA Recovery Time: 24.0000 hr

Smp/Man Basin Rain: Global

Max dZ: 1.0000 ft  
 Link Optimizer Tol: 0.0001 ft  
 Edge Length Option: Automatic

Opt:

Rainfall Name: Scsii-24  
 Rainfall Amount: 5.83 in  
 Storm Duration: 24.0000 hr

Dflt Damping (1D): 0.0050 ft  
 Min Node Srf Area (1D): 113 ft2  
 Energy Switch (1D): Energy

Comment:

#### Simple Basin Runoff Summary [Bluffs Overall]

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
BAS 463	002YR01H R	1.71	0.6833	1.39	0.63	0.8800	90.7	0.00	0.00
BAS 463	002YR02H R	1.94	1.1667	1.62	0.82	0.8800	90.7	0.00	0.00
BAS 463	002YR03H R	1.94	1.6667	1.72	0.90	0.8800	90.7	0.00	0.00
BAS 463	002YR06H R	2.17	3.1333	2.06	1.19	0.8800	90.7	0.00	0.00
BAS 463	002YR12H R	2.19	6.1000	2.45	1.54	0.8800	90.7	0.00	0.00
BAS 463	002YR24H R	1.99	12.0667	2.90	1.95	0.8800	90.7	0.00	0.00
BAS 463	010YR01H r	3.20	0.6667	2.02	1.16	0.8800	90.7	0.00	0.00
BAS 463	010YR02H r	3.55	1.1667	2.38	1.48	0.8800	90.7	0.00	0.00
BAS 463	010YR03H r	3.51	1.6500	2.53	1.61	0.8800	90.7	0.00	0.00
BAS 463	010YR06H r	3.78	3.1333	3.04	2.08	0.8800	90.7	0.00	0.00
BAS 463	010YR12H r	3.58	6.1000	3.54	2.55	0.8800	90.7	0.00	0.00
BAS 463	010YR24H r	3.04	12.0667	4.06	3.04	0.8800	90.7	0.00	0.00
BAS 463	1 1/4" 24hr	0.55	12.0833	1.25	0.52	0.8800	90.7	0.00	0.00
BAS 463	100YR01h r	5.73	0.6667	3.01	2.05	0.8800	90.7	0.00	0.00
BAS 463	100YR02h	6.36	1.1667	3.65	2.65	0.8800	90.7	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
	r								
BAS 463	100YR03h r	6.36	1.6500	3.94	2.93	0.8800	90.7	0.00	0.00
BAS 463	100YR06h r	6.70	3.1333	4.79	3.75	0.8800	90.7	0.00	0.00
BAS 463	100YR12h r	5.94	6.1000	5.38	4.32	0.8800	90.7	0.00	0.00
BAS 463	100YR24h r	4.64	12.0667	5.83	4.76	0.8800	90.7	0.00	0.00
BAS 464	002YR01H R	1.24	0.7167	1.39	0.59	0.7800	89.8	0.00	0.00
BAS 464	002YR02H R	1.42	1.2000	1.62	0.77	0.7800	89.8	0.00	0.00
BAS 464	002YR03H R	1.43	1.7000	1.72	0.85	0.7800	89.8	0.00	0.00
BAS 464	002YR06H R	1.63	3.1667	2.06	1.14	0.7800	89.8	0.00	0.00
BAS 464	002YR12H R	1.69	6.1333	2.45	1.48	0.7800	89.8	0.00	0.00
BAS 464	002YR24H R	1.60	12.1000	2.90	1.88	0.7800	89.8	0.00	0.00
BAS 464	010YR01H r	2.36	0.7000	2.02	1.10	0.7800	89.8	0.00	0.00
BAS 464	010YR02H r	2.66	1.2000	2.38	1.41	0.7800	89.8	0.00	0.00
BAS 464	010YR03H r	2.65	1.6833	2.53	1.55	0.7800	89.8	0.00	0.00
BAS 464	010YR06H r	2.89	3.1667	3.04	2.01	0.7800	89.8	0.00	0.00
BAS 464	010YR12H r	2.82	6.1333	3.54	2.47	0.7800	89.8	0.00	0.00
BAS 464	010YR24H r	2.48	12.1000	4.06	2.96	0.7800	89.8	0.00	0.00
BAS 464	1 1/4" 24hr	0.41	12.1000	1.25	0.48	0.7800	89.8	0.00	0.00
BAS 464	100YR01h r	4.31	0.7000	3.01	1.98	0.7800	89.8	0.00	0.00
BAS 464	100YR02h r	4.85	1.2000	3.65	2.58	0.7800	89.8	0.00	0.00
BAS 464	100YR03h r	4.88	1.6833	3.94	2.85	0.7800	89.8	0.00	0.00
BAS 464	100YR06h r	5.20	3.1667	4.79	3.66	0.7800	89.8	0.00	0.00
BAS 464	100YR12h r	4.73	6.1333	5.38	4.23	0.7800	89.8	0.00	0.00
BAS 464	100YR24h r	3.81	12.0833	5.83	4.67	0.7800	89.8	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
BAS 465	002YR01H R	3.48	0.7167	1.39	0.41	3.2900	85.6	0.00	0.00
BAS 465	002YR02H R	4.18	1.2000	1.62	0.56	3.2900	85.6	0.00	0.00
BAS 465	002YR03H R	4.32	1.7000	1.72	0.63	3.2900	85.6	0.00	0.00
BAS 465	002YR06H R	5.22	3.1667	2.06	0.87	3.2900	85.6	0.00	0.00
BAS 465	002YR12H R	5.74	6.1333	2.45	1.18	3.2900	85.6	0.00	0.00
BAS 465	002YR24H R	5.70	12.1000	2.90	1.55	3.2900	85.6	0.00	0.00
BAS 465	010YR01H r	7.58	0.7000	2.02	0.84	3.2900	85.6	0.00	0.00
BAS 465	010YR02H r	8.89	1.2000	2.38	1.12	3.2900	85.6	0.00	0.00
BAS 465	010YR03H r	8.99	1.6833	2.53	1.24	3.2900	85.6	0.00	0.00
BAS 465	010YR06H r	10.26	3.1667	3.04	1.67	3.2900	85.6	0.00	0.00
BAS 465	010YR12H r	10.33	6.1333	3.54	2.11	3.2900	85.6	0.00	0.00
BAS 465	010YR24H r	9.34	12.1000	4.06	2.57	3.2900	85.6	0.00	0.00
BAS 465	1 1/4" 24hr	1.10	12.1167	1.25	0.32	3.2900	85.6	0.00	0.00
BAS 465	100YR01h r	15.23	0.7000	3.01	1.65	3.2900	85.6	0.00	0.00
BAS 465	100YR02h r	17.77	1.2000	3.65	2.20	3.2900	85.6	0.00	0.00
BAS 465	100YR03h r	18.12	1.6833	3.94	2.46	3.2900	85.6	0.00	0.00
BAS 465	100YR06h r	19.94	3.1667	4.79	3.24	3.2900	85.6	0.00	0.00
BAS 465	100YR12h r	18.41	6.1333	5.38	3.79	3.2900	85.6	0.00	0.00
BAS 465	100YR24h r	15.04	12.0833	5.83	4.22	3.2900	85.6	0.00	0.00
BAS 466	002YR01H R	0.77	0.7167	1.39	0.48	0.6100	87.5	0.00	0.00
BAS 466	002YR02H R	0.90	1.2000	1.62	0.65	0.6100	87.5	0.00	0.00
BAS 466	002YR03H R	0.93	1.7000	1.72	0.72	0.6100	87.5	0.00	0.00
BAS 466	002YR06H R	1.09	3.1667	2.06	0.99	0.6100	87.5	0.00	0.00
BAS 466	002YR12H	1.17	6.1333	2.45	1.31	0.6100	87.5	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
	R								
BAS 466	002YR24H R	1.14	12.1000	2.90	1.69	0.6100	87.5	0.00	0.00
BAS 466	010YR01H r	1.58	0.7167	2.02	0.95	0.6100	87.5	0.00	0.00
BAS 466	010YR02H r	1.82	1.2000	2.38	1.25	0.6100	87.5	0.00	0.00
BAS 466	010YR03H r	1.83	1.7000	2.53	1.37	0.6100	87.5	0.00	0.00
BAS 466	010YR06H r	2.04	3.1667	3.04	1.82	0.6100	87.5	0.00	0.00
BAS 466	010YR12H r	2.03	6.1333	3.54	2.27	0.6100	87.5	0.00	0.00
BAS 466	010YR24H r	1.82	12.1000	4.06	2.74	0.6100	87.5	0.00	0.00
BAS 466	1 1/4" 24hr	0.25	12.1167	1.25	0.39	0.6100	87.5	0.00	0.00
BAS 466	100YR01h r	3.03	0.7000	3.01	1.79	0.6100	87.5	0.00	0.00
BAS 466	100YR02h r	3.49	1.2000	3.65	2.37	0.6100	87.5	0.00	0.00
BAS 466	100YR03h r	3.53	1.6833	3.94	2.63	0.6100	87.5	0.00	0.00
BAS 466	100YR06h r	3.84	3.1667	4.79	3.43	0.6100	87.5	0.00	0.00
BAS 466	100YR12h r	3.52	6.1333	5.38	3.99	0.6100	87.5	0.00	0.00
BAS 466	100YR24h r	2.86	12.0833	5.83	4.42	0.6100	87.5	0.00	0.00
BAS 467	002YR01H R	0.68	0.6167	1.39	0.42	0.4000	85.9	0.00	0.00
BAS 467	002YR02H R	0.82	1.1000	1.62	0.57	0.4000	85.9	0.00	0.00
BAS 467	002YR03H R	0.84	1.6000	1.72	0.64	0.4000	85.9	0.00	0.00
BAS 467	002YR06H R	0.98	3.0833	2.06	0.89	0.4000	85.9	0.00	0.00
BAS 467	002YR12H R	0.99	6.0500	2.45	1.20	0.4000	85.9	0.00	0.00
BAS 467	002YR24H R	0.86	12.0333	2.90	1.58	0.4000	85.9	0.00	0.00
BAS 467	010YR01H r	1.48	0.6000	2.02	0.86	0.4000	85.9	0.00	0.00
BAS 467	010YR02H r	1.72	1.1000	2.38	1.14	0.4000	85.9	0.00	0.00
BAS 467	010YR03H r	1.72	1.5833	2.53	1.27	0.4000	85.9	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
BAS 467	010YR06Hr	1.90	3.0667	3.04	1.70	0.4000	85.9	0.00	0.00
BAS 467	010YR12Hr	1.75	6.0500	3.54	2.13	0.4000	85.9	0.00	0.00
BAS 467	010YR24Hr	1.39	12.0333	4.06	2.60	0.4000	85.9	0.00	0.00
BAS 467	1 1/4" 24hr	0.18	12.0500	1.25	0.33	0.4000	85.9	0.00	0.00
BAS 467	100YR01hr	2.98	0.6000	3.01	1.67	0.4000	85.9	0.00	0.00
BAS 467	100YR02hr	3.42	1.1000	3.65	2.23	0.4000	85.9	0.00	0.00
BAS 467	100YR03hr	3.45	1.5833	3.94	2.49	0.4000	85.9	0.00	0.00
BAS 467	100YR06hr	3.66	3.0667	4.79	3.27	0.4000	85.9	0.00	0.00
BAS 467	100YR12hr	3.08	6.0500	5.38	3.83	0.4000	85.9	0.00	0.00
BAS 467	100YR24hr	2.21	12.0167	5.83	4.25	0.4000	85.9	0.00	0.00
BAS 468	002YR01HR	1.76	0.7500	1.39	0.54	1.3400	88.9	0.00	0.00
BAS 468	002YR02HR	2.05	1.2333	1.62	0.72	1.3400	88.9	0.00	0.00
BAS 468	002YR03HR	2.08	1.7333	1.72	0.79	1.3400	88.9	0.00	0.00
BAS 468	002YR06HR	2.40	3.2000	2.06	1.07	1.3400	88.9	0.00	0.00
BAS 468	002YR12HR	2.56	6.1667	2.45	1.40	1.3400	88.9	0.00	0.00
BAS 468	002YR24HR	2.51	12.1167	2.90	1.80	1.3400	88.9	0.00	0.00
BAS 468	010YR01Hr	3.48	0.7333	2.02	1.04	1.3400	88.9	0.00	0.00
BAS 468	010YR02Hr	3.94	1.2333	2.38	1.34	1.3400	88.9	0.00	0.00
BAS 468	010YR03Hr	3.95	1.7167	2.53	1.47	1.3400	88.9	0.00	0.00
BAS 468	010YR06Hr	4.37	3.2000	3.04	1.93	1.3400	88.9	0.00	0.00
BAS 468	010YR12Hr	4.34	6.1667	3.54	2.39	1.3400	88.9	0.00	0.00
BAS 468	010YR24Hr	3.94	12.1167	4.06	2.87	1.3400	88.9	0.00	0.00
BAS 468	1 1/4" 24hr	0.60	12.1333	1.25	0.44	1.3400	88.9	0.00	0.00
BAS 468	100YR01hr	6.47	0.7333	3.01	1.90	1.3400	88.9	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
	r								
BAS 468	100YR02h r	7.34	1.2167	3.65	2.49	1.3400	88.9	0.00	0.00
BAS 468	100YR03h r	7.43	1.7167	3.94	2.76	1.3400	88.9	0.00	0.00
BAS 468	100YR06h r	8.00	3.1833	4.79	3.56	1.3400	88.9	0.00	0.00
BAS 468	100YR12h r	7.40	6.1500	5.38	4.13	1.3400	88.9	0.00	0.00
BAS 468	100YR24h r	6.12	12.1167	5.83	4.57	1.3400	88.9	0.00	0.00
BAS 469	002YR01H R	2.39	0.7333	1.39	0.56	1.6800	89.3	0.00	0.00
BAS 469	002YR02H R	2.76	1.2167	1.62	0.74	1.6800	89.3	0.00	0.00
BAS 469	002YR03H R	2.80	1.7167	1.72	0.82	1.6800	89.3	0.00	0.00
BAS 469	002YR06H R	3.21	3.1833	2.06	1.10	1.6800	89.3	0.00	0.00
BAS 469	002YR12H R	3.39	6.1500	2.45	1.44	1.6800	89.3	0.00	0.00
BAS 469	002YR24H R	3.27	12.1167	2.90	1.84	1.6800	89.3	0.00	0.00
BAS 469	010YR01H r	4.63	0.7333	2.02	1.07	1.6800	89.3	0.00	0.00
BAS 469	010YR02H r	5.24	1.2167	2.38	1.38	1.6800	89.3	0.00	0.00
BAS 469	010YR03H r	5.24	1.7000	2.53	1.51	1.6800	89.3	0.00	0.00
BAS 469	010YR06H r	5.77	3.1833	3.04	1.97	1.6800	89.3	0.00	0.00
BAS 469	010YR12H r	5.69	6.1500	3.54	2.43	1.6800	89.3	0.00	0.00
BAS 469	010YR24H r	5.10	12.1000	4.06	2.91	1.6800	89.3	0.00	0.00
BAS 469	1 1/4" 24hr	0.81	12.1167	1.25	0.46	1.6800	89.3	0.00	0.00
BAS 469	100YR01h r	8.55	0.7167	3.01	1.94	1.6800	89.3	0.00	0.00
BAS 469	100YR02h r	9.69	1.2167	3.65	2.53	1.6800	89.3	0.00	0.00
BAS 469	100YR03h r	9.77	1.7000	3.94	2.80	1.6800	89.3	0.00	0.00
BAS 469	100YR06h r	10.49	3.1833	4.79	3.61	1.6800	89.3	0.00	0.00
BAS 469	100YR12h r	9.62	6.1500	5.38	4.18	1.6800	89.3	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
BAS 469	100YR24hr	7.90	12.1000	5.83	4.61	1.6800	89.3	0.00	0.00
BAS 474	002YR01HR	8.89	0.7667	1.39	0.60	6.4300	90.0	0.00	0.00
BAS 474	002YR02HR	10.20	1.2500	1.62	0.78	6.4300	90.0	0.00	0.00
BAS 474	002YR03HR	10.33	1.7500	1.72	0.86	6.4300	90.0	0.00	0.00
BAS 474	002YR06HR	11.75	3.2167	2.06	1.14	6.4300	90.0	0.00	0.00
BAS 474	002YR12HR	12.44	6.1833	2.45	1.49	6.4300	90.0	0.00	0.00
BAS 474	002YR24HR	12.15	12.1333	2.90	1.89	6.4300	90.0	0.00	0.00
BAS 474	010YR01HR	16.94	0.7500	2.02	1.11	6.4300	90.0	0.00	0.00
BAS 474	010YR02HR	19.03	1.2500	2.38	1.42	6.4300	90.0	0.00	0.00
BAS 474	010YR03HR	19.04	1.7333	2.53	1.56	6.4300	90.0	0.00	0.00
BAS 474	010YR06HR	20.83	3.2167	3.04	2.02	6.4300	90.0	0.00	0.00
BAS 474	010YR12HR	20.67	6.1667	3.54	2.49	6.4300	90.0	0.00	0.00
BAS 474	010YR24HR	18.80	12.1333	4.06	2.98	6.4300	90.0	0.00	0.00
BAS 474	1 1/4" 24hr	3.13	12.1500	1.25	0.49	6.4300	90.0	0.00	0.00
BAS 474	100YR01hr	30.76	0.7500	3.01	1.99	6.4300	90.0	0.00	0.00
BAS 474	100YR02hr	34.69	1.2333	3.65	2.59	6.4300	90.0	0.00	0.00
BAS 474	100YR03hr	34.98	1.7333	3.94	2.86	6.4300	90.0	0.00	0.00
BAS 474	100YR06hr	37.45	3.2000	4.79	3.68	6.4300	90.0	0.00	0.00
BAS 474	100YR12hr	34.71	6.1667	5.38	4.25	6.4300	90.0	0.00	0.00
BAS 474	100YR24hr	28.92	12.1333	5.83	4.68	6.4300	90.0	0.00	0.00
BAS 501	002YR01HR	4.82	0.7667	1.39	0.51	4.1200	88.1	0.00	0.00
BAS 501	002YR02HR	5.64	1.2500	1.62	0.68	4.1200	88.1	0.00	0.00
BAS 501	002YR03HR	5.76	1.7500	1.72	0.75	4.1200	88.1	0.00	0.00
BAS 501	002YR06HR	6.72	3.2167	2.06	1.02	4.1200	88.1	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
	R								
BAS 501	002YR12H R	7.28	6.1833	2.45	1.35	4.1200	88.1	0.00	0.00
BAS 501	002YR24H R	7.25	12.1333	2.90	1.74	4.1200	88.1	0.00	0.00
BAS 501	010YR01H r	9.68	0.7500	2.02	0.99	4.1200	88.1	0.00	0.00
BAS 501	010YR02H r	11.07	1.2500	2.38	1.29	4.1200	88.1	0.00	0.00
BAS 501	010YR03H r	11.15	1.7333	2.53	1.42	4.1200	88.1	0.00	0.00
BAS 501	010YR06H r	12.42	3.2167	3.04	1.87	4.1200	88.1	0.00	0.00
BAS 501	010YR12H r	12.50	6.1667	3.54	2.32	4.1200	88.1	0.00	0.00
BAS 501	010YR24H r	11.50	12.1333	4.06	2.80	4.1200	88.1	0.00	0.00
BAS 501	1 1/4" 24hr	1.66	12.1500	1.25	0.41	4.1200	88.1	0.00	0.00
BAS 501	100YR01h r	18.30	0.7500	3.01	1.84	4.1200	88.1	0.00	0.00
BAS 501	100YR02h r	20.95	1.2333	3.65	2.42	4.1200	88.1	0.00	0.00
BAS 501	100YR03h r	21.26	1.7333	3.94	2.69	4.1200	88.1	0.00	0.00
BAS 501	100YR06h r	23.09	3.2000	4.79	3.49	4.1200	88.1	0.00	0.00
BAS 501	100YR12h r	21.55	6.1667	5.38	4.05	4.1200	88.1	0.00	0.00
BAS 501	100YR24h r	18.03	12.1333	5.83	4.49	4.1200	88.1	0.00	0.00
BAS 503	002YR01H R	1.11	0.7167	1.39	0.64	0.6400	90.8	0.00	0.00
BAS 503	002YR02H R	1.25	1.2000	1.62	0.83	0.6400	90.8	0.00	0.00
BAS 503	002YR03H R	1.26	1.7000	1.72	0.91	0.6400	90.8	0.00	0.00
BAS 503	002YR06H R	1.41	3.1667	2.06	1.20	0.6400	90.8	0.00	0.00
BAS 503	002YR12H R	1.45	6.1333	2.45	1.55	0.6400	90.8	0.00	0.00
BAS 503	002YR24H R	1.36	12.1000	2.90	1.96	0.6400	90.8	0.00	0.00
BAS 503	010YR01H r	2.06	0.7000	2.02	1.17	0.6400	90.8	0.00	0.00
BAS 503	010YR02H r	2.29	1.2000	2.38	1.49	0.6400	90.8	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
BAS 503	010YR03H r	2.27	1.6833	2.53	1.62	0.6400	90.8	0.00	0.00
BAS 503	010YR06H r	2.46	3.1667	3.04	2.09	0.6400	90.8	0.00	0.00
BAS 503	010YR12H r	2.38	6.1333	3.54	2.56	0.6400	90.8	0.00	0.00
BAS 503	010YR24H r	2.08	12.1000	4.06	3.06	0.6400	90.8	0.00	0.00
BAS 503	1 1/4" 24hr	0.37	12.1000	1.25	0.53	0.6400	90.8	0.00	0.00
BAS 503	100YR01h r	3.67	0.7000	3.01	2.06	0.6400	90.8	0.00	0.00
BAS 503	100YR02h r	4.10	1.2000	3.65	2.67	0.6400	90.8	0.00	0.00
BAS 503	100YR03h r	4.10	1.6833	3.94	2.94	0.6400	90.8	0.00	0.00
BAS 503	100YR06h r	4.35	3.1667	4.79	3.76	0.6400	90.8	0.00	0.00
BAS 503	100YR12h r	3.94	6.1333	5.38	4.34	0.6400	90.8	0.00	0.00
BAS 503	100YR24h r	3.17	12.0833	5.83	4.78	0.6400	90.8	0.00	0.00
BAS 504	002YR01H R	1.06	0.7000	1.39	0.65	0.5900	90.9	0.00	0.00
BAS 504	002YR02H R	1.20	1.2000	1.62	0.83	0.5900	90.9	0.00	0.00
BAS 504	002YR03H R	1.20	1.6833	1.72	0.92	0.5900	90.9	0.00	0.00
BAS 504	002YR06H R	1.34	3.1667	2.06	1.21	0.5900	90.9	0.00	0.00
BAS 504	002YR12H R	1.37	6.1333	2.45	1.56	0.5900	90.9	0.00	0.00
BAS 504	002YR24H R	1.28	12.0833	2.90	1.97	0.5900	90.9	0.00	0.00
BAS 504	010YR01H r	1.97	0.7000	2.02	1.18	0.5900	90.9	0.00	0.00
BAS 504	010YR02H r	2.18	1.2000	2.38	1.50	0.5900	90.9	0.00	0.00
BAS 504	010YR03H r	2.16	1.6833	2.53	1.63	0.5900	90.9	0.00	0.00
BAS 504	010YR06H r	2.33	3.1667	3.04	2.10	0.5900	90.9	0.00	0.00
BAS 504	010YR12H r	2.24	6.1333	3.54	2.57	0.5900	90.9	0.00	0.00
BAS 504	010YR24H r	1.95	12.0833	4.06	3.07	0.5900	90.9	0.00	0.00
BAS 504	1 1/4"	0.35	12.1000	1.25	0.54	0.5900	90.9	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
	24hr								
BAS 504	100YR01hr	3.50	0.7000	3.01	2.08	0.5900	90.9	0.00	0.00
BAS 504	100YR02hr	3.89	1.1833	3.65	2.68	0.5900	90.9	0.00	0.00
BAS 504	100YR03hr	3.89	1.6833	3.94	2.96	0.5900	90.9	0.00	0.00
BAS 504	100YR06hr	4.11	3.1500	4.79	3.77	0.5900	90.9	0.00	0.00
BAS 504	100YR12hr	3.70	6.1167	5.38	4.35	0.5900	90.9	0.00	0.00
BAS 504	100YR24hr	2.97	12.0833	5.83	4.79	0.5900	90.9	0.00	0.00
BAS 517	002YR01HR	1.34	0.7000	1.39	0.62	0.7800	90.4	0.00	0.00
BAS 517	002YR02HR	1.53	1.2000	1.62	0.80	0.7800	90.4	0.00	0.00
BAS 517	002YR03HR	1.54	1.6833	1.72	0.88	0.7800	90.4	0.00	0.00
BAS 517	002YR06HR	1.73	3.1667	2.06	1.17	0.7800	90.4	0.00	0.00
BAS 517	002YR12HR	1.78	6.1333	2.45	1.52	0.7800	90.4	0.00	0.00
BAS 517	002YR24HR	1.66	12.0833	2.90	1.93	0.7800	90.4	0.00	0.00
BAS 517	010YR01HR	2.53	0.7000	2.02	1.14	0.7800	90.4	0.00	0.00
BAS 517	010YR02HR	2.81	1.1833	2.38	1.45	0.7800	90.4	0.00	0.00
BAS 517	010YR03HR	2.80	1.6833	2.53	1.59	0.7800	90.4	0.00	0.00
BAS 517	010YR06HR	3.03	3.1667	3.04	2.06	0.7800	90.4	0.00	0.00
BAS 517	010YR12HR	2.93	6.1167	3.54	2.52	0.7800	90.4	0.00	0.00
BAS 517	010YR24HR	2.56	12.0833	4.06	3.02	0.7800	90.4	0.00	0.00
BAS 517	1 1/4" 24hr	0.45	12.1000	1.25	0.51	0.7800	90.4	0.00	0.00
BAS 517	100YR01hr	4.56	0.7000	3.01	2.03	0.7800	90.4	0.00	0.00
BAS 517	100YR02hr	5.10	1.1833	3.65	2.63	0.7800	90.4	0.00	0.00
BAS 517	100YR03hr	5.10	1.6833	3.94	2.90	0.7800	90.4	0.00	0.00
BAS 517	100YR06hr	5.41	3.1500	4.79	3.72	0.7800	90.4	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
BAS 517	100YR12hr	4.88	6.1167	5.38	4.29	0.7800	90.4	0.00	0.00
BAS 517	100YR24hr	3.91	12.0833	5.83	4.73	0.7800	90.4	0.00	0.00
BAS 521	002YR01HR	5.29	0.7167	1.39	0.51	3.9400	88.1	0.00	0.00
BAS 521	002YR02HR	6.20	1.2000	1.62	0.67	3.9400	88.1	0.00	0.00
BAS 521	002YR03HR	6.33	1.7000	1.72	0.75	3.9400	88.1	0.00	0.00
BAS 521	002YR06HR	7.36	3.1667	2.06	1.02	3.9400	88.1	0.00	0.00
BAS 521	002YR12HR	7.84	6.1333	2.45	1.34	3.9400	88.1	0.00	0.00
BAS 521	002YR24HR	7.56	12.1000	2.90	1.74	3.9400	88.1	0.00	0.00
BAS 521	010YR01HR	10.68	0.7000	2.02	0.99	3.9400	88.1	0.00	0.00
BAS 521	010YR02HR	12.22	1.2000	2.38	1.29	3.9400	88.1	0.00	0.00
BAS 521	010YR03HR	12.26	1.6833	2.53	1.41	3.9400	88.1	0.00	0.00
BAS 521	010YR06HR	13.63	3.1667	3.04	1.86	3.9400	88.1	0.00	0.00
BAS 521	010YR12HR	13.46	6.1333	3.54	2.31	3.9400	88.1	0.00	0.00
BAS 521	010YR24HR	11.98	12.1000	4.06	2.79	3.9400	88.1	0.00	0.00
BAS 521	1 1/4" 24hr	1.74	12.1167	1.25	0.41	3.9400	88.1	0.00	0.00
BAS 521	100YR01hr	20.29	0.7000	3.01	1.83	3.9400	88.1	0.00	0.00
BAS 521	100YR02hr	23.17	1.2000	3.65	2.41	3.9400	88.1	0.00	0.00
BAS 521	100YR03hr	23.44	1.6833	3.94	2.68	3.9400	88.1	0.00	0.00
BAS 521	100YR06hr	25.33	3.1667	4.79	3.48	3.9400	88.1	0.00	0.00
BAS 521	100YR12hr	23.16	6.1333	5.38	4.04	3.9400	88.1	0.00	0.00
BAS 521	100YR24hr	18.78	12.0833	5.83	4.48	3.9400	88.1	0.00	0.00
BAS 522	002YR01HR	2.54	0.7667	1.39	0.27	4.3000	81.2	0.00	0.00
BAS 522	002YR02HR	3.18	1.2500	1.62	0.39	4.3000	81.2	0.00	0.00
BAS 522	002YR03HR	3.35	1.7333	1.72	0.44	4.3000	81.2	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
	R								
BAS 522	002YR06H R	4.37	3.2167	2.06	0.65	4.3000	81.2	0.00	0.00
BAS 522	002YR12H R	5.22	6.1667	2.45	0.92	4.3000	81.2	0.00	0.00
BAS 522	002YR24H R	5.62	12.1167	2.90	1.25	4.3000	81.2	0.00	0.00
BAS 522	010YR01H r	6.42	0.7500	2.02	0.63	4.3000	81.2	0.00	0.00
BAS 522	010YR02H r	7.83	1.2333	2.38	0.87	4.3000	81.2	0.00	0.00
BAS 522	010YR03H r	8.08	1.7333	2.53	0.98	4.3000	81.2	0.00	0.00
BAS 522	010YR06H r	9.74	3.2000	3.04	1.36	4.3000	81.2	0.00	0.00
BAS 522	010YR12H r	10.34	6.1667	3.54	1.76	4.3000	81.2	0.00	0.00
BAS 522	010YR24H r	9.92	12.1167	4.06	2.19	4.3000	81.2	0.00	0.00
BAS 522	1 1/4" 24hr	0.68	12.1667	1.25	0.20	4.3000	81.2	0.00	0.00
BAS 522	100YR01h r	14.31	0.7333	3.01	1.34	4.3000	81.2	0.00	0.00
BAS 522	100YR02h r	17.42	1.2333	3.65	1.85	4.3000	81.2	0.00	0.00
BAS 522	100YR03h r	18.08	1.7167	3.94	2.09	4.3000	81.2	0.00	0.00
BAS 522	100YR06h r	20.70	3.2000	4.79	2.83	4.3000	81.2	0.00	0.00
BAS 522	100YR12h r	19.80	6.1500	5.38	3.35	4.3000	81.2	0.00	0.00
BAS 522	100YR24h r	16.85	12.1167	5.83	3.76	4.3000	81.2	0.00	0.00
BAS 524	002YR01H R	0.92	0.5667	1.39	0.46	0.3400	87.0	0.00	0.00
BAS 524	002YR02H R	1.09	1.0500	1.62	0.62	0.3400	87.0	0.00	0.00
BAS 524	002YR03H R	1.11	1.5500	1.72	0.69	0.3400	87.0	0.00	0.00
BAS 524	002YR06H R	1.23	3.0333	2.06	0.95	0.3400	87.0	0.00	0.00
BAS 524	002YR12H R	1.09	6.0167	2.45	1.27	0.3400	87.0	0.00	0.00
BAS 524	002YR24H R	0.82	12.0000	2.90	1.65	0.3400	87.0	0.00	0.00
BAS 524	010YR01H r	1.95	0.5667	2.02	0.92	0.3400	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
BAS 524	010YR02Hr	2.24	1.0500	2.38	1.21	0.3400	87.0	0.00	0.00
BAS 524	010YR03Hr	2.20	1.5500	2.53	1.34	0.3400	87.0	0.00	0.00
BAS 524	010YR06Hr	2.30	3.0333	3.04	1.77	0.3400	87.0	0.00	0.00
BAS 524	010YR12Hr	1.87	6.0167	3.54	2.22	0.3400	87.0	0.00	0.00
BAS 524	010YR24Hr	1.30	12.0000	4.06	2.69	0.3400	87.0	0.00	0.00
BAS 524	1 1/4" 24hr	0.19	12.0167	1.25	0.37	0.3400	87.0	0.00	0.00
BAS 524	100YR01hr	3.81	0.5500	3.01	1.75	0.3400	87.0	0.00	0.00
BAS 524	100YR02hr	4.33	1.0500	3.65	2.32	0.3400	87.0	0.00	0.00
BAS 524	100YR03hr	4.26	1.5500	3.94	2.58	0.3400	87.0	0.00	0.00
BAS 524	100YR06hr	4.30	3.0333	4.79	3.37	0.3400	87.0	0.00	0.00
BAS 524	100YR12hr	3.21	6.0167	5.38	3.93	0.3400	87.0	0.00	0.00
BAS 524	100YR24hr	2.03	12.0000	5.83	4.35	0.3400	87.0	0.00	0.00
BAS 525	002YR01HR	1.27	0.6833	1.39	0.65	0.6300	91.0	0.00	0.00
BAS 525	002YR02HR	1.43	1.1667	1.62	0.84	0.6300	91.0	0.00	0.00
BAS 525	002YR03HR	1.44	1.6667	1.72	0.92	0.6300	91.0	0.00	0.00
BAS 525	002YR06HR	1.59	3.1333	2.06	1.22	0.6300	91.0	0.00	0.00
BAS 525	002YR12HR	1.60	6.1000	2.45	1.57	0.6300	91.0	0.00	0.00
BAS 525	002YR24HR	1.45	12.0667	2.90	1.98	0.6300	91.0	0.00	0.00
BAS 525	010YR01Hr	2.36	0.6667	2.02	1.18	0.6300	91.0	0.00	0.00
BAS 525	010YR02Hr	2.60	1.1667	2.38	1.50	0.6300	91.0	0.00	0.00
BAS 525	010YR03Hr	2.57	1.6500	2.53	1.64	0.6300	91.0	0.00	0.00
BAS 525	010YR06Hr	2.76	3.1333	3.04	2.11	0.6300	91.0	0.00	0.00
BAS 525	010YR12Hr	2.60	6.1000	3.54	2.58	0.6300	91.0	0.00	0.00
BAS 525	010YR24Hr	2.20	12.0667	4.06	3.08	0.6300	91.0	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
	r								
BAS 525	1 1/4" 24hr	0.41	12.0833	1.25	0.54	0.6300	91.0	0.00	0.00
BAS 525	100YR01hr	4.19	0.6667	3.01	2.08	0.6300	91.0	0.00	0.00
BAS 525	100YR02hr	4.63	1.1667	3.65	2.69	0.6300	91.0	0.00	0.00
BAS 525	100YR03hr	4.63	1.6500	3.94	2.96	0.6300	91.0	0.00	0.00
BAS 525	100YR06hr	4.86	3.1333	4.79	3.78	0.6300	91.0	0.00	0.00
BAS 525	100YR12hr	4.30	6.1000	5.38	4.36	0.6300	91.0	0.00	0.00
BAS 525	100YR24hr	3.35	12.0667	5.83	4.80	0.6300	91.0	0.00	0.00
BAS 539	002YR01HR	0.82	0.7000	1.39	0.64	0.4400	90.8	0.00	0.00
BAS 539	002YR02HR	0.92	1.1833	1.62	0.83	0.4400	90.8	0.00	0.00
BAS 539	002YR03HR	0.93	1.6833	1.72	0.91	0.4400	90.8	0.00	0.00
BAS 539	002YR06HR	1.03	3.1500	2.06	1.20	0.4400	90.8	0.00	0.00
BAS 539	002YR12HR	1.05	6.1167	2.45	1.55	0.4400	90.8	0.00	0.00
BAS 539	002YR24HR	0.97	12.0833	2.90	1.97	0.4400	90.8	0.00	0.00
BAS 539	010YR01HR	1.52	0.6833	2.02	1.17	0.4400	90.8	0.00	0.00
BAS 539	010YR02HR	1.68	1.1833	2.38	1.49	0.4400	90.8	0.00	0.00
BAS 539	010YR03HR	1.67	1.6667	2.53	1.63	0.4400	90.8	0.00	0.00
BAS 539	010YR06HR	1.80	3.1500	3.04	2.10	0.4400	90.8	0.00	0.00
BAS 539	010YR12HR	1.72	6.1167	3.54	2.57	0.4400	90.8	0.00	0.00
BAS 539	010YR24HR	1.48	12.0833	4.06	3.06	0.4400	90.8	0.00	0.00
BAS 539	1 1/4" 24hr	0.27	12.1000	1.25	0.53	0.4400	90.8	0.00	0.00
BAS 539	100YR01hr	2.71	0.6833	3.01	2.07	0.4400	90.8	0.00	0.00
BAS 539	100YR02hr	3.01	1.1833	3.65	2.67	0.4400	90.8	0.00	0.00
BAS 539	100YR03hr	3.01	1.6667	3.94	2.95	0.4400	90.8	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
BAS 539	100YR06hr	3.18	3.1500	4.79	3.77	0.4400	90.8	0.00	0.00
BAS 539	100YR12hr	2.85	6.1167	5.38	4.34	0.4400	90.8	0.00	0.00
BAS 539	100YR24hr	2.26	12.0833	5.83	4.78	0.4400	90.8	0.00	0.00
BAS 540	002YR01HR	0.52	0.7000	1.39	0.61	0.3100	90.2	0.00	0.00
BAS 540	002YR02HR	0.60	1.2000	1.62	0.79	0.3100	90.2	0.00	0.00
BAS 540	002YR03HR	0.60	1.6833	1.72	0.87	0.3100	90.2	0.00	0.00
BAS 540	002YR06HR	0.68	3.1667	2.06	1.16	0.3100	90.2	0.00	0.00
BAS 540	002YR12HR	0.70	6.1333	2.45	1.50	0.3100	90.2	0.00	0.00
BAS 540	002YR24HR	0.66	12.0833	2.90	1.91	0.3100	90.2	0.00	0.00
BAS 540	010YR01Hr	1.00	0.7000	2.02	1.12	0.3100	90.2	0.00	0.00
BAS 540	010YR02Hr	1.11	1.1833	2.38	1.44	0.3100	90.2	0.00	0.00
BAS 540	010YR03Hr	1.10	1.6833	2.53	1.57	0.3100	90.2	0.00	0.00
BAS 540	010YR06Hr	1.20	3.1667	3.04	2.04	0.3100	90.2	0.00	0.00
BAS 540	010YR12Hr	1.16	6.1333	3.54	2.51	0.3100	90.2	0.00	0.00
BAS 540	010YR24Hr	1.01	12.0833	4.06	3.00	0.3100	90.2	0.00	0.00
BAS 540	1 1/4" 24hr	0.17	12.1000	1.25	0.50	0.3100	90.2	0.00	0.00
BAS 540	100YR01hr	1.80	0.7000	3.01	2.01	0.3100	90.2	0.00	0.00
BAS 540	100YR02hr	2.01	1.1833	3.65	2.61	0.3100	90.2	0.00	0.00
BAS 540	100YR03hr	2.02	1.6833	3.94	2.88	0.3100	90.2	0.00	0.00
BAS 540	100YR06hr	2.14	3.1500	4.79	3.70	0.3100	90.2	0.00	0.00
BAS 540	100YR12hr	1.93	6.1167	5.38	4.27	0.3100	90.2	0.00	0.00
BAS 540	100YR24hr	1.55	12.0833	5.83	4.71	0.3100	90.2	0.00	0.00
BAS 541	002YR01HR	3.17	0.7167	1.39	0.49	2.4600	87.6	0.00	0.00
BAS 541	002YR02HR	3.73	1.2000	1.62	0.65	2.4600	87.6	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
	R								
BAS 541	002YR03H R	3.81	1.7000	1.72	0.73	2.4600	87.6	0.00	0.00
BAS 541	002YR06H R	4.47	3.1667	2.06	0.99	2.4600	87.6	0.00	0.00
BAS 541	002YR12H R	4.78	6.1333	2.45	1.32	2.4600	87.6	0.00	0.00
BAS 541	002YR24H R	4.64	12.1000	2.90	1.70	2.4600	87.6	0.00	0.00
BAS 541	010YR01H r	6.48	0.7000	2.02	0.96	2.4600	87.6	0.00	0.00
BAS 541	010YR02H r	7.44	1.2000	2.38	1.26	2.4600	87.6	0.00	0.00
BAS 541	010YR03H r	7.48	1.6833	2.53	1.38	2.4600	87.6	0.00	0.00
BAS 541	010YR06H r	8.36	3.1667	3.04	1.83	2.4600	87.6	0.00	0.00
BAS 541	010YR12H r	8.28	6.1333	3.54	2.28	2.4600	87.6	0.00	0.00
BAS 541	010YR24H r	7.39	12.1000	4.06	2.75	2.4600	87.6	0.00	0.00
BAS 541	1 1/4" 24hr	1.04	12.1167	1.25	0.39	2.4600	87.6	0.00	0.00
BAS 541	100YR01h r	12.42	0.7000	3.01	1.80	2.4600	87.6	0.00	0.00
BAS 541	100YR02h r	14.24	1.2000	3.65	2.38	2.4600	87.6	0.00	0.00
BAS 541	100YR03h r	14.43	1.6833	3.94	2.64	2.4600	87.6	0.00	0.00
BAS 541	100YR06h r	15.64	3.1667	4.79	3.44	2.4600	87.6	0.00	0.00
BAS 541	100YR12h r	14.33	6.1333	5.38	4.00	2.4600	87.6	0.00	0.00
BAS 541	100YR24h r	11.64	12.0833	5.83	4.43	2.4600	87.6	0.00	0.00
BAS 542	002YR01H R	11.74	0.7167	1.39	0.56	7.8800	89.3	0.00	0.00
BAS 542	002YR02H R	13.49	1.2167	1.62	0.74	7.8800	89.3	0.00	0.00
BAS 542	002YR03H R	13.73	1.7000	1.72	0.82	7.8800	89.3	0.00	0.00
BAS 542	002YR06H R	15.66	3.1667	2.06	1.10	7.8800	89.3	0.00	0.00
BAS 542	002YR12H R	16.46	6.1333	2.45	1.44	7.8800	89.3	0.00	0.00
BAS 542	002YR24H R	15.75	12.1000	2.90	1.84	7.8800	89.3	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
BAS 542	010YR01H r	22.79	0.7167	2.02	1.07	7.8800	89.3	0.00	0.00
BAS 542	010YR02H r	25.70	1.2000	2.38	1.38	7.8800	89.3	0.00	0.00
BAS 542	010YR03H r	25.70	1.7000	2.53	1.51	7.8800	89.3	0.00	0.00
BAS 542	010YR06H r	28.20	3.1667	3.04	1.97	7.8800	89.3	0.00	0.00
BAS 542	010YR12H r	27.67	6.1333	3.54	2.43	7.8800	89.3	0.00	0.00
BAS 542	010YR24H r	24.54	12.1000	4.06	2.91	7.8800	89.3	0.00	0.00
BAS 542	1 1/4" 24hr	3.93	12.1167	1.25	0.46	7.8800	89.3	0.00	0.00
BAS 542	100YR01h r	41.91	0.7000	3.01	1.94	7.8800	89.3	0.00	0.00
BAS 542	100YR02h r	47.53	1.2000	3.65	2.53	7.8800	89.3	0.00	0.00
BAS 542	100YR03h r	47.77	1.6833	3.94	2.80	7.8800	89.3	0.00	0.00
BAS 542	100YR06h r	51.30	3.1667	4.79	3.61	7.8800	89.3	0.00	0.00
BAS 542	100YR12h r	46.80	6.1333	5.38	4.18	7.8800	89.3	0.00	0.00
BAS 542	100YR24h r	37.94	12.1000	5.83	4.61	7.8800	89.3	0.00	0.00
BAS 549	002YR01H R	8.60	0.7167	1.39	0.56	5.7900	89.2	0.00	0.00
BAS 549	002YR02H R	9.90	1.2000	1.62	0.74	5.7900	89.2	0.00	0.00
BAS 549	002YR03H R	10.07	1.7000	1.72	0.82	5.7900	89.2	0.00	0.00
BAS 549	002YR06H R	11.51	3.1667	2.06	1.10	5.7900	89.2	0.00	0.00
BAS 549	002YR12H R	12.10	6.1333	2.45	1.43	5.7900	89.2	0.00	0.00
BAS 549	002YR24H R	11.57	12.1000	2.90	1.83	5.7900	89.2	0.00	0.00
BAS 549	010YR01H r	16.73	0.7167	2.02	1.06	5.7900	89.2	0.00	0.00
BAS 549	010YR02H r	18.90	1.2000	2.38	1.37	5.7900	89.2	0.00	0.00
BAS 549	010YR03H r	18.88	1.7000	2.53	1.50	5.7900	89.2	0.00	0.00
BAS 549	010YR06H r	20.75	3.1667	3.04	1.96	5.7900	89.2	0.00	0.00
BAS 549	010YR12H	20.35	6.1333	3.54	2.42	5.7900	89.2	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
	r								
BAS 549	010YR24H r	18.04	12.1000	4.06	2.91	5.7900	89.2	0.00	0.00
BAS 549	1 1/4" 24hr	2.87	12.1167	1.25	0.46	5.7900	89.2	0.00	0.00
BAS 549	100YR01h r	30.85	0.7000	3.01	1.93	5.7900	89.2	0.00	0.00
BAS 549	100YR02h r	34.98	1.2000	3.65	2.52	5.7900	89.2	0.00	0.00
BAS 549	100YR03h r	35.18	1.6833	3.94	2.79	5.7900	89.2	0.00	0.00
BAS 549	100YR06h r	37.78	3.1667	4.79	3.60	5.7900	89.2	0.00	0.00
BAS 549	100YR12h r	34.45	6.1333	5.38	4.17	5.7900	89.2	0.00	0.00
BAS 549	100YR24h r	27.90	12.1000	5.83	4.61	5.7900	89.2	0.00	0.00
BAS 568	002YR01H R	0.52	0.6333	1.39	0.47	0.3100	87.2	0.00	0.00
BAS 568	002YR02H R	0.61	1.1333	1.62	0.63	0.3100	87.2	0.00	0.00
BAS 568	002YR03H R	0.62	1.6167	1.72	0.70	0.3100	87.2	0.00	0.00
BAS 568	002YR06H R	0.72	3.1000	2.06	0.96	0.3100	87.2	0.00	0.00
BAS 568	002YR12H R	0.74	6.0833	2.45	1.28	0.3100	87.2	0.00	0.00
BAS 568	002YR24H R	0.66	12.0500	2.90	1.67	0.3100	87.2	0.00	0.00
BAS 568	010YR01H r	1.08	0.6333	2.02	0.93	0.3100	87.2	0.00	0.00
BAS 568	010YR02H r	1.23	1.1333	2.38	1.22	0.3100	87.2	0.00	0.00
BAS 568	010YR03H r	1.24	1.6167	2.53	1.35	0.3100	87.2	0.00	0.00
BAS 568	010YR06H r	1.37	3.1000	3.04	1.79	0.3100	87.2	0.00	0.00
BAS 568	010YR12H r	1.28	6.0667	3.54	2.23	0.3100	87.2	0.00	0.00
BAS 568	010YR24H r	1.06	12.0500	4.06	2.71	0.3100	87.2	0.00	0.00
BAS 568	1 1/4" 24hr	0.15	12.0500	1.25	0.38	0.3100	87.2	0.00	0.00
BAS 568	100YR01h r	2.10	0.6333	3.01	1.76	0.3100	87.2	0.00	0.00
BAS 568	100YR02h r	2.38	1.1167	3.65	2.33	0.3100	87.2	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
BAS 568	100YR03hr	2.41	1.6167	3.94	2.60	0.3100	87.2	0.00	0.00
BAS 568	100YR06hr	2.57	3.1000	4.79	3.39	0.3100	87.2	0.00	0.00
BAS 568	100YR12hr	2.22	6.0667	5.38	3.95	0.3100	87.2	0.00	0.00
BAS 568	100YR24hr	1.67	12.0333	5.83	4.38	0.3100	87.2	0.00	0.00
BAS 569	002YR01HR	0.97	0.7000	1.39	0.67	0.5000	91.4	0.00	0.00
BAS 569	002YR02HR	1.09	1.1833	1.62	0.86	0.5000	91.4	0.00	0.00
BAS 569	002YR03HR	1.09	1.6833	1.72	0.95	0.5000	91.4	0.00	0.00
BAS 569	002YR06HR	1.21	3.1500	2.06	1.25	0.5000	91.4	0.00	0.00
BAS 569	002YR12HR	1.23	6.1167	2.45	1.60	0.5000	91.4	0.00	0.00
BAS 569	002YR24HR	1.12	12.0833	2.90	2.01	0.5000	91.4	0.00	0.00
BAS 569	010YR01Hr	1.78	0.6833	2.02	1.21	0.5000	91.4	0.00	0.00
BAS 569	010YR02Hr	1.96	1.1833	2.38	1.53	0.5000	91.4	0.00	0.00
BAS 569	010YR03Hr	1.94	1.6667	2.53	1.67	0.5000	91.4	0.00	0.00
BAS 569	010YR06Hr	2.08	3.1500	3.04	2.15	0.5000	91.4	0.00	0.00
BAS 569	010YR12Hr	1.98	6.1167	3.54	2.62	0.5000	91.4	0.00	0.00
BAS 569	010YR24Hr	1.70	12.0833	4.06	3.12	0.5000	91.4	0.00	0.00
BAS 569	1 1/4" 24hr	0.32	12.1000	1.25	0.56	0.5000	91.4	0.00	0.00
BAS 569	100YR01hr	3.14	0.6833	3.01	2.12	0.5000	91.4	0.00	0.00
BAS 569	100YR02hr	3.47	1.1833	3.65	2.72	0.5000	91.4	0.00	0.00
BAS 569	100YR03hr	3.46	1.6667	3.94	3.00	0.5000	91.4	0.00	0.00
BAS 569	100YR06hr	3.64	3.1500	4.79	3.82	0.5000	91.4	0.00	0.00
BAS 569	100YR12hr	3.26	6.1167	5.38	4.40	0.5000	91.4	0.00	0.00
BAS 569	100YR24hr	2.58	12.0833	5.83	4.84	0.5000	91.4	0.00	0.00
BAS L1	002YR01HR	17.09	0.8333	1.39	0.51	17.4900	88.1	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
	R								
BAS L1	002YR02H R	19.90	1.3167	1.62	0.68	17.4900	88.1	0.00	0.00
BAS L1	002YR03H R	20.43	1.8167	1.72	0.75	17.4900	88.1	0.00	0.00
BAS L1	002YR06H R	23.98	3.2833	2.06	1.02	17.4900	88.1	0.00	0.00
BAS L1	002YR12H R	26.38	6.2500	2.45	1.35	17.4900	88.1	0.00	0.00
BAS L1	002YR24H R	27.03	12.1833	2.90	1.74	17.4900	88.1	0.00	0.00
BAS L1	010YR01H r	34.10	0.8167	2.02	0.99	17.4900	88.1	0.00	0.00
BAS L1	010YR02H r	39.12	1.3167	2.38	1.29	17.4900	88.1	0.00	0.00
BAS L1	010YR03H r	39.54	1.8000	2.53	1.42	17.4900	88.1	0.00	0.00
BAS L1	010YR06H r	44.41	3.2833	3.04	1.87	17.4900	88.1	0.00	0.00
BAS L1	010YR12H r	45.50	6.2333	3.54	2.32	17.4900	88.1	0.00	0.00
BAS L1	010YR24H r	43.08	12.1833	4.06	2.80	17.4900	88.1	0.00	0.00
BAS L1	1 1/4" 24hr	6.09	12.2167	1.25	0.41	17.4900	88.1	0.00	0.00
BAS L1	100YR01h r	64.42	0.8167	3.01	1.84	17.4900	88.1	0.00	0.00
BAS L1	100YR02h r	74.19	1.3167	3.65	2.42	17.4900	88.1	0.00	0.00
BAS L1	100YR03h r	75.61	1.8000	3.94	2.69	17.4900	88.1	0.00	0.00
BAS L1	100YR06h r	82.67	3.2667	4.79	3.49	17.4900	88.1	0.00	0.00
BAS L1	100YR12h r	78.57	6.2333	5.38	4.05	17.4900	88.1	0.00	0.00
BAS L1	100YR24h r	67.74	12.1833	5.83	4.48	17.4900	88.1	0.00	0.00
BAS L3	002YR01H R	44.35	0.7667	1.39	0.47	42.5800	87.2	0.00	0.00
BAS L3	002YR02H R	52.27	1.2667	1.62	0.63	42.5800	87.2	0.00	0.00
BAS L3	002YR03H R	53.73	1.7500	1.72	0.71	42.5800	87.2	0.00	0.00
BAS L3	002YR06H R	63.66	3.2333	2.06	0.97	42.5800	87.2	0.00	0.00
BAS L3	002YR12H R	69.98	6.1833	2.45	1.29	42.5800	87.2	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
BAS L3	002YR24H R	70.71	12.1333	2.90	1.67	42.5800	87.2	0.00	0.00
BAS L3	010YR01H r	91.42	0.7667	2.02	0.94	42.5800	87.2	0.00	0.00
BAS L3	010YR02H r	105.41	1.2500	2.38	1.23	42.5800	87.2	0.00	0.00
BAS L3	010YR03H r	106.73	1.7500	2.53	1.35	42.5800	87.2	0.00	0.00
BAS L3	010YR06H r	120.32	3.2167	3.04	1.79	42.5800	87.2	0.00	0.00
BAS L3	010YR12H r	122.45	6.1833	3.54	2.24	42.5800	87.2	0.00	0.00
BAS L3	010YR24H r	113.88	12.1333	4.06	2.72	42.5800	87.2	0.00	0.00
BAS L3	1 1/4" 24hr	15.09	12.1500	1.25	0.38	42.5800	87.2	0.00	0.00
BAS L3	100YR01h r	175.88	0.7667	3.01	1.77	42.5800	87.2	0.00	0.00
BAS L3	100YR02h r	204.08	1.2500	3.65	2.34	42.5800	87.2	0.00	0.00
BAS L3	100YR03h r	207.49	1.7333	3.94	2.61	42.5800	87.2	0.00	0.00
BAS L3	100YR06h r	227.53	3.2167	4.79	3.40	42.5800	87.2	0.00	0.00
BAS L3	100YR12h r	213.68	6.1833	5.38	3.96	42.5800	87.2	0.00	0.00
BAS L3	100YR24h r	180.51	12.1333	5.83	4.39	42.5800	87.2	0.00	0.00
BAS L4	002YR01H R	4.64	0.7000	1.39	0.30	5.7700	82.3	0.00	0.00
BAS L4	002YR02H R	5.80	1.1833	1.62	0.42	5.7700	82.3	0.00	0.00
BAS L4	002YR03H R	6.07	1.6667	1.72	0.48	5.7700	82.3	0.00	0.00
BAS L4	002YR06H R	7.80	3.1500	2.06	0.70	5.7700	82.3	0.00	0.00
BAS L4	002YR12H R	8.92	6.1167	2.45	0.98	5.7700	82.3	0.00	0.00
BAS L4	002YR24H R	9.02	12.0833	2.90	1.32	5.7700	82.3	0.00	0.00
BAS L4	010YR01H r	11.45	0.6833	2.02	0.67	5.7700	82.3	0.00	0.00
BAS L4	010YR02H r	13.81	1.1667	2.38	0.93	5.7700	82.3	0.00	0.00
BAS L4	010YR03H r	14.22	1.6667	2.53	1.04	5.7700	82.3	0.00	0.00
BAS L4	010YR06H	16.74	3.1500	3.04	1.43	5.7700	82.3	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
	r								
BAS L4	010YR12H r	17.13	6.1167	3.54	1.84	5.7700	82.3	0.00	0.00
BAS L4	010YR24H r	15.51	12.0667	4.06	2.28	5.7700	82.3	0.00	0.00
BAS L4	1 1/4" 24hr	1.29	12.1000	1.25	0.22	5.7700	82.3	0.00	0.00
BAS L4	100YR01h r	24.96	0.6833	3.01	1.41	5.7700	82.3	0.00	0.00
BAS L4	100YR02h r	30.09	1.1667	3.65	1.93	5.7700	82.3	0.00	0.00
BAS L4	100YR03h r	30.88	1.6667	3.94	2.18	5.7700	82.3	0.00	0.00
BAS L4	100YR06h r	34.85	3.1333	4.79	2.92	5.7700	82.3	0.00	0.00
BAS L4	100YR12h r	32.13	6.1000	5.38	3.45	5.7700	82.3	0.00	0.00
BAS L4	100YR24h r	25.93	12.0667	5.83	3.86	5.7700	82.3	0.00	0.00
CapricornC tDA	002YR01H R	5.68	0.8167	1.39	0.42	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR02H R	6.75	1.3000	1.62	0.57	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR03H R	6.99	1.7833	1.72	0.64	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR06H R	8.45	3.2667	2.06	0.90	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR12H R	9.51	6.2167	2.45	1.21	6.6700	86.0	0.00	0.00
CapricornC tDA	002YR24H R	9.89	12.1667	2.90	1.58	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR01H r	12.10	0.8000	2.02	0.87	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR02H r	14.11	1.2833	2.38	1.15	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR03H r	14.37	1.7833	2.53	1.27	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR06H r	16.46	3.2500	3.04	1.70	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR12H r	17.04	6.2167	3.54	2.14	6.6700	86.0	0.00	0.00
CapricornC tDA	010YR24H r	16.22	12.1667	4.06	2.61	6.6700	86.0	0.00	0.00
CapricornC tDA	1 1/4" 24hr	1.91	12.1833	1.25	0.33	6.6700	86.0	0.00	0.00
CapricornC tDA	100YR01h r	23.88	0.7833	3.01	1.67	6.6700	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
CapricornCtDA	100YR02hr	28.05	1.2833	3.65	2.24	6.6700	86.0	0.00	0.00
CapricornCtDA	100YR03hr	28.71	1.7667	3.94	2.50	6.6700	86.0	0.00	0.00
CapricornCtDA	100YR06hr	31.85	3.2500	4.79	3.28	6.6700	86.0	0.00	0.00
CapricornCtDA	100YR12hr	30.34	6.2000	5.38	3.83	6.6700	86.0	0.00	0.00
CapricornCtDA	100YR24hr	26.07	12.1667	5.83	4.26	6.6700	86.0	0.00	0.00
Dir30RCP	002YR01HR	0.87	0.7167	1.39	0.19	1.7900	78.2	0.00	0.00
Dir30RCP	002YR02HR	1.14	1.2000	1.62	0.29	1.7900	78.2	0.00	0.00
Dir30RCP	002YR03HR	1.21	1.6833	1.72	0.34	1.7900	78.2	0.00	0.00
Dir30RCP	002YR06HR	1.68	3.1500	2.06	0.53	1.7900	78.2	0.00	0.00
Dir30RCP	002YR12HR	2.09	6.1167	2.45	0.77	1.7900	78.2	0.00	0.00
Dir30RCP	002YR24HR	2.25	12.0833	2.90	1.07	1.7900	78.2	0.00	0.00
Dir30RCP	010YR01Hr	2.54	0.6833	2.02	0.50	1.7900	78.2	0.00	0.00
Dir30RCP	010YR02Hr	3.19	1.1833	2.38	0.72	1.7900	78.2	0.00	0.00
Dir30RCP	010YR03Hr	3.34	1.6667	2.53	0.82	1.7900	78.2	0.00	0.00
Dir30RCP	010YR06Hr	4.16	3.1500	3.04	1.17	1.7900	78.2	0.00	0.00
Dir30RCP	010YR12Hr	4.43	6.1167	3.54	1.54	1.7900	78.2	0.00	0.00
Dir30RCP	010YR24Hr	4.15	12.0833	4.06	1.95	1.7900	78.2	0.00	0.00
Dir30RCP	1 1/4" 24hr	0.18	12.1167	1.25	0.14	1.7900	78.2	0.00	0.00
Dir30RCP	100YR01hr	6.20	0.6833	3.01	1.15	1.7900	78.2	0.00	0.00
Dir30RCP	100YR02hr	7.76	1.1667	3.65	1.63	1.7900	78.2	0.00	0.00
Dir30RCP	100YR03hr	8.10	1.6667	3.94	1.86	1.7900	78.2	0.00	0.00
Dir30RCP	100YR06hr	9.45	3.1333	4.79	2.56	1.7900	78.2	0.00	0.00
Dir30RCP	100YR12hr	8.90	6.1000	5.38	3.06	1.7900	78.2	0.00	0.00
Dir30RCP	100YR24hr	7.29	12.0667	5.83	3.45	1.7900	78.2	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
	r								
DirectE	002YR01H R	0.39	0.9500	1.39	0.16	1.5200	76.7	0.00	0.00
DirectE	002YR02H R	0.50	1.4167	1.62	0.25	1.5200	76.7	0.00	0.00
DirectE	002YR03H R	0.53	1.9000	1.72	0.30	1.5200	76.7	0.00	0.00
DirectE	002YR06H R	0.74	3.3667	2.06	0.47	1.5200	76.7	0.00	0.00
DirectE	002YR12H R	0.97	6.3167	2.45	0.70	1.5200	76.7	0.00	0.00
DirectE	002YR24H R	1.18	12.2500	2.90	0.99	1.5200	76.7	0.00	0.00
DirectE	010YR01H r	1.15	0.9000	2.02	0.45	1.5200	76.7	0.00	0.00
DirectE	010YR02H r	1.43	1.3833	2.38	0.65	1.5200	76.7	0.00	0.00
DirectE	010YR03H r	1.50	1.8667	2.53	0.75	1.5200	76.7	0.00	0.00
DirectE	010YR06H r	1.92	3.3500	3.04	1.08	1.5200	76.7	0.00	0.00
DirectE	010YR12H r	2.19	6.3000	3.54	1.44	1.5200	76.7	0.00	0.00
DirectE	010YR24H r	2.29	12.2333	4.06	1.84	1.5200	76.7	0.00	0.00
DirectE	1 1/4" 24hr	0.07	12.3667	1.25	0.11	1.5200	76.7	0.00	0.00
DirectE	100YR01h r	2.84	0.8833	3.01	1.06	1.5200	76.7	0.00	0.00
DirectE	100YR02h r	3.57	1.3667	3.65	1.52	1.5200	76.7	0.00	0.00
DirectE	100YR03h r	3.78	1.8500	3.94	1.75	1.5200	76.7	0.00	0.00
DirectE	100YR06h r	4.55	3.3333	4.79	2.43	1.5200	76.7	0.00	0.00
DirectE	100YR12h r	4.58	6.2833	5.38	2.92	1.5200	76.7	0.00	0.00
DirectE	100YR24h r	4.17	12.2333	5.83	3.31	1.5200	76.7	0.00	0.00
Ex Pond DA	002YR01H R	11.07	0.7667	1.39	0.29	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR02H R	13.75	1.2500	1.62	0.41	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR03H R	14.44	1.7333	1.72	0.47	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR06H R	18.56	3.2000	2.06	0.69	16.9700	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
Ex Pond DA	002YR12H R	21.90	6.1667	2.45	0.96	16.9700	82.0	0.00	0.00
Ex Pond DA	002YR24H R	23.26	12.1167	2.90	1.30	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR01H r	27.15	0.7500	2.02	0.66	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR02H r	32.91	1.2333	2.38	0.91	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR03H r	33.85	1.7167	2.53	1.02	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR06H r	40.39	3.2000	3.04	1.41	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR12H r	42.53	6.1667	3.54	1.82	16.9700	82.0	0.00	0.00
Ex Pond DA	010YR24H r	40.49	12.1167	4.06	2.26	16.9700	82.0	0.00	0.00
Ex Pond DA	1 1/4" 24hr	3.12	12.1500	1.25	0.22	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR01h r	59.38	0.7333	3.01	1.39	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR02h r	71.69	1.2167	3.65	1.91	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR03h r	74.27	1.7167	3.94	2.16	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR06h r	84.50	3.1833	4.79	2.90	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR12h r	80.48	6.1500	5.38	3.43	16.9700	82.0	0.00	0.00
Ex Pond DA	100YR24h r	68.07	12.1167	5.83	3.84	16.9700	82.0	0.00	0.00
Ex-01 Basin	002YR01H R	0.40	0.8000	1.39	0.29	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR02H R	0.50	1.2833	1.62	0.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR03H R	0.52	1.7667	1.72	0.47	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR06H R	0.67	3.2500	2.06	0.69	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR12H R	0.80	6.2000	2.45	0.96	0.6800	82.0	0.00	0.00
Ex-01 Basin	002YR24H R	0.86	12.1500	2.90	1.30	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR01H r	0.98	0.7833	2.02	0.66	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR02H r	1.18	1.2667	2.38	0.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR03H r	1.22	1.7667	2.53	1.02	0.6800	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
Basin	r								
Ex-01 Basin	010YR06Hr	1.46	3.2333	3.04	1.41	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR12Hr	1.55	6.2000	3.54	1.82	0.6800	82.0	0.00	0.00
Ex-01 Basin	010YR24Hr	1.51	12.1500	4.06	2.26	0.6800	82.0	0.00	0.00
Ex-01 Basin	1 1/4" 24hr	0.11	12.1833	1.25	0.22	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR01hr	2.13	0.7667	3.01	1.39	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR02hr	2.58	1.2667	3.65	1.91	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR03hr	2.67	1.7500	3.94	2.16	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR06hr	3.05	3.2333	4.79	2.90	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR12hr	2.94	6.1833	5.38	3.43	0.6800	82.0	0.00	0.00
Ex-01 Basin	100YR24hr	2.54	12.1333	5.83	3.84	0.6800	82.0	0.00	0.00
Ex-02 Basin	002YR01HR	0.70	0.8333	1.39	0.29	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR02HR	0.86	1.3167	1.62	0.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR03HR	0.91	1.8000	1.72	0.47	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR06HR	1.17	3.2833	2.06	0.69	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR12HR	1.39	6.2333	2.45	0.96	1.2700	82.0	0.00	0.00
Ex-02 Basin	002YR24HR	1.53	12.1833	2.90	1.30	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR01HR	1.70	0.8167	2.02	0.66	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR02HR	2.05	1.3000	2.38	0.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR03HR	2.12	1.7833	2.53	1.02	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR06HR	2.54	3.2667	3.04	1.41	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR12HR	2.72	6.2167	3.54	1.82	1.2700	82.0	0.00	0.00
Ex-02 Basin	010YR24HR	2.67	12.1667	4.06	2.26	1.2700	82.0	0.00	0.00
Ex-02 Basin	1 1/4" 24hr	0.20	12.2167	1.25	0.22	1.2700	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
Ex-02 Basin	100YR01hr	3.69	0.8000	3.01	1.39	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR02hr	4.46	1.2833	3.65	1.91	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR03hr	4.64	1.7833	3.94	2.16	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR06hr	5.31	3.2500	4.79	2.90	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR12hr	5.16	6.2167	5.38	3.43	1.2700	82.0	0.00	0.00
Ex-02 Basin	100YR24hr	4.51	12.1667	5.83	3.84	1.2700	82.0	0.00	0.00
Ex-03 Basin	002YR01HR	1.24	0.7333	1.39	0.29	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR02HR	1.55	1.2167	1.62	0.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR03HR	1.62	1.7167	1.72	0.47	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR06HR	2.09	3.1833	2.06	0.69	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR12HR	2.45	6.1500	2.45	0.96	1.8100	82.0	0.00	0.00
Ex-03 Basin	002YR24HR	2.57	12.1000	2.90	1.30	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR01HR	3.06	0.7167	2.02	0.66	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR02HR	3.71	1.2167	2.38	0.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR03HR	3.82	1.7000	2.53	1.02	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR06HR	4.54	3.1833	3.04	1.41	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR12HR	4.75	6.1500	3.54	1.82	1.8100	82.0	0.00	0.00
Ex-03 Basin	010YR24HR	4.47	12.1000	4.06	2.26	1.8100	82.0	0.00	0.00
Ex-03 Basin	1 1/4" 24hr	0.35	12.1333	1.25	0.22	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR01hr	6.71	0.7167	3.01	1.39	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR02hr	8.09	1.2000	3.65	1.91	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR03hr	8.37	1.7000	3.94	2.16	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR06hr	9.50	3.1667	4.79	2.90	1.8100	82.0	0.00	0.00
Ex-03 Basin	100YR12hr	8.98	6.1333	5.38	3.43	1.8100	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
Basin	r								
Ex-03 Basin	100YR24hr	7.51	12.1000	5.83	3.84	1.8100	82.0	0.00	0.00
Ex-04 Basin	002YR01H R	0.62	0.9333	1.39	0.29	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR02H R	0.75	1.4000	1.62	0.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR03H R	0.79	1.9000	1.72	0.47	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR06H R	1.02	3.3667	2.06	0.69	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR12H R	1.23	6.3167	2.45	0.96	1.3300	82.0	0.00	0.00
Ex-04 Basin	002YR24H R	1.38	12.2500	2.90	1.30	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR01H r	1.48	0.9000	2.02	0.66	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR02H r	1.77	1.3833	2.38	0.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR03H r	1.83	1.8833	2.53	1.02	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR06H r	2.21	3.3500	3.04	1.41	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR12H r	2.40	6.3000	3.54	1.82	1.3300	82.0	0.00	0.00
Ex-04 Basin	010YR24H r	2.41	12.2500	4.06	2.26	1.3300	82.0	0.00	0.00
Ex-04 Basin	1 1/4" 24hr	0.18	12.3167	1.25	0.22	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR01hr	3.18	0.8833	3.01	1.39	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR02hr	3.85	1.3833	3.65	1.91	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR03hr	4.02	1.8667	3.94	2.16	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR06hr	4.63	3.3333	4.79	2.90	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR12hr	4.56	6.3000	5.38	3.43	1.3300	82.0	0.00	0.00
Ex-04 Basin	100YR24hr	4.09	12.2333	5.83	3.84	1.3300	82.0	0.00	0.00
Ex-05 Basin	002YR01H R	0.77	0.8333	1.39	0.29	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR02H R	0.95	1.3167	1.62	0.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR03H R	1.00	1.8000	1.72	0.47	1.3800	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
Ex-05 Basin	002YR06H R	1.28	3.2667	2.06	0.69	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR12H R	1.53	6.2167	2.45	0.96	1.3800	82.0	0.00	0.00
Ex-05 Basin	002YR24H R	1.68	12.1667	2.90	1.30	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR01H r	1.87	0.8000	2.02	0.66	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR02H r	2.25	1.3000	2.38	0.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR03H r	2.33	1.7833	2.53	1.02	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR06H r	2.79	3.2667	3.04	1.41	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR12H r	2.99	6.2167	3.54	1.82	1.3800	82.0	0.00	0.00
Ex-05 Basin	010YR24H r	2.93	12.1667	4.06	2.26	1.3800	82.0	0.00	0.00
Ex-05 Basin	1 1/4" 24hr	0.22	12.2167	1.25	0.22	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR01h r	4.06	0.8000	3.01	1.39	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR02h r	4.92	1.2833	3.65	1.91	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR03h r	5.10	1.7833	3.94	2.16	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR06h r	5.84	3.2500	4.79	2.90	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR12h r	5.66	6.2167	5.38	3.43	1.3800	82.0	0.00	0.00
Ex-05 Basin	100YR24h r	4.94	12.1667	5.83	3.84	1.3800	82.0	0.00	0.00
OffsiteSouth	002YR01H R	2.53	0.9500	1.39	0.15	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR02H R	3.26	1.4167	1.62	0.24	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR03H R	3.46	1.9000	1.72	0.28	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR06H R	4.88	3.3500	2.06	0.45	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR12H R	6.48	6.3000	2.45	0.67	10.5600	76.0	0.00	0.00
OffsiteSouth	002YR24H R	7.98	12.2333	2.90	0.95	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR01H r	7.68	0.9000	2.02	0.42	10.5600	76.0	0.00	0.00
OffsiteSouth	010YR02H	9.59	1.3833	2.38	0.62	10.5600	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
th	r								
OffsiteSou th	010YR03H r	10.08	1.8667	2.53	0.71	10.5600	76.0	0.00	0.00
OffsiteSou th	010YR06H r	13.01	3.3333	3.04	1.04	10.5600	76.0	0.00	0.00
OffsiteSou th	010YR12H r	14.91	6.2833	3.54	1.40	10.5600	76.0	0.00	0.00
OffsiteSou th	010YR24H r	15.69	12.2333	4.06	1.79	10.5600	76.0	0.00	0.00
OffsiteSou th	1 1/4" 24hr	0.38	12.3667	1.25	0.10	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR01h r	19.26	0.8667	3.01	1.02	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR02h r	24.38	1.3500	3.65	1.48	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR03h r	25.88	1.8500	3.94	1.70	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR06h r	31.33	3.3167	4.79	2.37	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR12h r	31.61	6.2667	5.38	2.86	10.5600	76.0	0.00	0.00
OffsiteSou th	100YR24h r	28.81	12.2167	5.83	3.24	10.5600	76.0	0.00	0.00
OnsiteLak e2	002YR01H R	14.50	0.7667	1.39	0.41	15.8900	85.6	0.00	0.00
OnsiteLak e2	002YR02H R	17.37	1.2500	1.62	0.56	15.8900	85.6	0.00	0.00
OnsiteLak e2	002YR03H R	17.98	1.7500	1.72	0.63	15.8900	85.6	0.00	0.00
OnsiteLak e2	002YR06H R	21.81	3.2167	2.06	0.87	15.8900	85.6	0.00	0.00
OnsiteLak e2	002YR12H R	24.43	6.1833	2.45	1.18	15.8900	85.6	0.00	0.00
OnsiteLak e2	002YR24H R	25.04	12.1333	2.90	1.55	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR01H r	31.42	0.7500	2.02	0.84	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR02H r	36.82	1.2500	2.38	1.12	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR03H r	37.43	1.7333	2.53	1.24	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR06H r	42.89	3.2167	3.04	1.67	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR12H r	44.03	6.1667	3.54	2.10	15.8900	85.6	0.00	0.00
OnsiteLak e2	010YR24H r	41.24	12.1333	4.06	2.57	15.8900	85.6	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
OnsiteLake2	1 1/4" 24hr	4.72	12.1500	1.25	0.32	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR01hr	62.91	0.7500	3.01	1.64	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR02hr	73.68	1.2333	3.65	2.20	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR03hr	75.44	1.7333	3.94	2.46	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR06hr	83.57	3.2000	4.79	3.24	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR12hr	78.82	6.1667	5.38	3.79	15.8900	85.6	0.00	0.00
OnsiteLake2	100YR24hr	66.47	12.1167	5.83	4.21	15.8900	85.6	0.00	0.00
Pond B Basin	002YR01HR	7.13	0.9833	1.39	0.29	16.4500	82.0	0.00	0.00
Pond B Basin	002YR02HR	8.61	1.4500	1.62	0.41	16.4500	82.0	0.00	0.00
Pond B Basin	002YR03HR	9.01	1.9500	1.72	0.47	16.4500	82.0	0.00	0.00
Pond B Basin	002YR06HR	11.60	3.4167	2.06	0.69	16.4500	82.0	0.00	0.00
Pond B Basin	002YR12HR	14.01	6.3667	2.45	0.96	16.4500	82.0	0.00	0.00
Pond B Basin	002YR24HR	15.85	12.3000	2.90	1.30	16.4500	82.0	0.00	0.00
Pond B Basin	010YR01HR	16.88	0.9500	2.02	0.66	16.4500	82.0	0.00	0.00
Pond B Basin	010YR02HR	20.14	1.4333	2.38	0.91	16.4500	82.0	0.00	0.00
Pond B Basin	010YR03HR	20.83	1.9167	2.53	1.02	16.4500	82.0	0.00	0.00
Pond B Basin	010YR06HR	25.16	3.4000	3.04	1.41	16.4500	82.0	0.00	0.00
Pond B Basin	010YR12HR	27.44	6.3500	3.54	1.82	16.4500	82.0	0.00	0.00
Pond B Basin	010YR24HR	27.86	12.2833	4.06	2.26	16.4500	82.0	0.00	0.00
Pond B Basin	1 1/4" 24hr	2.03	12.3667	1.25	0.22	16.4500	82.0	0.00	0.00
Pond B Basin	100YR01hr	36.14	0.9333	3.01	1.39	16.4500	82.0	0.00	0.00
Pond B Basin	100YR02hr	43.68	1.4167	3.65	1.91	16.4500	82.0	0.00	0.00
Pond B Basin	100YR03hr	45.60	1.9167	3.94	2.16	16.4500	82.0	0.00	0.00
Pond B Basin	100YR06hr	52.79	3.3833	4.79	2.90	16.4500	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
Basin	r								
Pond B Basin	100YR12h r	52.20	6.3333	5.38	3.43	16.4500	82.0	0.00	0.00
Pond B Basin	100YR24h r	47.21	12.2833	5.83	3.84	16.4500	82.0	0.00	0.00
Pr-YI-Ex316	002YR01H R	1.72	0.7667	1.39	0.42	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR02H R	2.04	1.2500	1.62	0.57	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR03H R	2.12	1.7500	1.72	0.64	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR06H R	2.55	3.2167	2.06	0.90	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR12H R	2.85	6.1833	2.45	1.21	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	002YR24H R	2.91	12.1333	2.90	1.58	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR01H r	3.67	0.7667	2.02	0.87	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR02H r	4.29	1.2500	2.38	1.15	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR03H r	4.35	1.7500	2.53	1.27	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR06H r	4.97	3.2167	3.04	1.70	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR12H r	5.09	6.1833	3.54	2.14	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	010YR24H r	4.77	12.1333	4.06	2.61	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	1 1/4" 24hr	0.57	12.1500	1.25	0.33	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR01h r	7.28	0.7500	3.01	1.67	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR02h r	8.51	1.2500	3.65	2.24	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR03h r	8.69	1.7333	3.94	2.50	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR06h r	9.60	3.2167	4.79	3.28	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR12h r	9.05	6.1667	5.38	3.83	1.8300	86.0	0.00	0.00
Pr-YI-Ex316	100YR24h r	7.65	12.1333	5.83	4.26	1.8300	86.0	0.00	0.00
Pr-YI-Ex317	002YR01H R	7.51	0.7500	1.39	0.44	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR02H R	8.95	1.2333	1.62	0.59	7.1600	86.4	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
Pr-YI-Ex317	002YR03H R	9.20	1.7167	1.72	0.66	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR06H R	11.03	3.2000	2.06	0.92	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR12H R	12.13	6.1667	2.45	1.23	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	002YR24H R	12.18	12.1167	2.90	1.61	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR01H r	15.93	0.7333	2.02	0.89	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR02H r	18.48	1.2333	2.38	1.17	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR03H r	18.75	1.7167	2.53	1.30	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR06H r	21.23	3.1833	3.04	1.73	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR12H r	21.53	6.1500	3.54	2.17	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	010YR24H r	19.79	12.1167	4.06	2.64	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	1 1/4" 24hr	2.46	12.1333	1.25	0.35	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR01h r	31.30	0.7333	3.01	1.71	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR02h r	36.43	1.2167	3.65	2.27	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR03h r	37.07	1.7167	3.94	2.53	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR06h r	40.79	3.1833	4.79	3.32	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR12h r	38.03	6.1500	5.38	3.87	7.1600	86.4	0.00	0.00
Pr-YI-Ex317	100YR24h r	31.59	12.1167	5.83	4.30	7.1600	86.4	0.00	0.00
SMB - Direct Discharge	002YR01H R	15.19	0.7500	1.39	0.42	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR02H R	18.16	1.2333	1.62	0.57	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR03H R	18.71	1.7333	1.72	0.64	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	002YR06H R	22.57	3.2000	2.06	0.90	15.0800	86.0	0.00	0.00
SMB -	002YR12H	24.97	6.1667	2.45	1.21	15.0800	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
Direct Discharge	R								
SMB - Direct Discharge	002YR24H R	25.18	12.1167	2.90	1.58	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR01H r	32.61	0.7333	2.02	0.87	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR02H r	37.97	1.2333	2.38	1.15	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR03H r	38.58	1.7167	2.53	1.27	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR06H r	43.87	3.1833	3.04	1.70	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR12H r	44.63	6.1500	3.54	2.14	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	010YR24H r	41.17	12.1167	4.06	2.61	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	1 1/4" 24hr	4.94	12.1333	1.25	0.33	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR01h r	64.66	0.7333	3.01	1.67	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR02h r	75.51	1.2167	3.65	2.24	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR03h r	76.97	1.7167	3.94	2.50	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR06h r	84.94	3.1833	4.79	3.28	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR12h r	79.33	6.1500	5.38	3.83	15.0800	86.0	0.00	0.00
SMB - Direct Discharge	100YR24h r	66.01	12.1167	5.83	4.26	15.0800	86.0	0.00	0.00
SouthFar mFieldF	002YR01H R	0.66	0.9333	1.39	0.15	2.6900	76.0	0.00	0.00
SouthFar	002YR02H	0.85	1.4000	1.62	0.24	2.6900	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
mFieldF	R								
SouthFar mFieldF	002YR03H R	0.91	1.8833	1.72	0.28	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR06H R	1.28	3.3333	2.06	0.45	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR12H R	1.70	6.2833	2.45	0.67	2.6900	76.0	0.00	0.00
SouthFar mFieldF	002YR24H R	2.09	12.2333	2.90	0.95	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR01H r	2.02	0.8833	2.02	0.42	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR02H r	2.53	1.3500	2.38	0.62	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR03H r	2.65	1.8500	2.53	0.71	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR06H r	3.42	3.3167	3.04	1.04	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR12H r	3.92	6.2667	3.54	1.40	2.6900	76.0	0.00	0.00
SouthFar mFieldF	010YR24H r	4.11	12.2167	4.06	1.79	2.6900	76.0	0.00	0.00
SouthFar mFieldF	1 1/4" 24hr	0.10	12.3500	1.25	0.10	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR01h r	5.07	0.8500	3.01	1.02	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR02h r	6.43	1.3333	3.65	1.48	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR03h r	6.82	1.8333	3.94	1.70	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR06h r	8.25	3.3000	4.79	2.37	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR12h r	8.31	6.2667	5.38	2.86	2.6900	76.0	0.00	0.00
SouthFar mFieldF	100YR24h r	7.53	12.2000	5.83	3.24	2.6900	76.0	0.00	0.00
Sub405	002YR01H R	0.35	0.7000	1.39	0.20	0.6800	78.4	0.00	0.00
Sub405	002YR02H R	0.46	1.1833	1.62	0.30	0.6800	78.4	0.00	0.00
Sub405	002YR03H R	0.49	1.6667	1.72	0.35	0.6800	78.4	0.00	0.00
Sub405	002YR06H R	0.68	3.1500	2.06	0.53	0.6800	78.4	0.00	0.00
Sub405	002YR12H R	0.84	6.1167	2.45	0.78	0.6800	78.4	0.00	0.00
Sub405	002YR24H R	0.89	12.0667	2.90	1.08	0.6800	78.4	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
Sub405	010YR01H r	1.02	0.6833	2.02	0.51	0.6800	78.4	0.00	0.00
Sub405	010YR02H r	1.29	1.1667	2.38	0.73	0.6800	78.4	0.00	0.00
Sub405	010YR03H r	1.34	1.6500	2.53	0.83	0.6800	78.4	0.00	0.00
Sub405	010YR06H r	1.67	3.1333	3.04	1.18	0.6800	78.4	0.00	0.00
Sub405	010YR12H r	1.76	6.1000	3.54	1.56	0.6800	78.4	0.00	0.00
Sub405	010YR24H r	1.63	12.0667	4.06	1.97	0.6800	78.4	0.00	0.00
Sub405	1 1/4" 24hr	0.08	12.1167	1.25	0.14	0.6800	78.4	0.00	0.00
Sub405	100YR01h r	2.50	0.6667	3.01	1.16	0.6800	78.4	0.00	0.00
Sub405	100YR02h r	3.11	1.1667	3.65	1.64	0.6800	78.4	0.00	0.00
Sub405	100YR03h r	3.25	1.6500	3.94	1.87	0.6800	78.4	0.00	0.00
Sub405	100YR06h r	3.77	3.1333	4.79	2.57	0.6800	78.4	0.00	0.00
Sub405	100YR12h r	3.53	6.1000	5.38	3.08	0.6800	78.4	0.00	0.00
Sub405	100YR24h r	2.85	12.0667	5.83	3.47	0.6800	78.4	0.00	0.00
US-Str400	002YR01H R	1.18	0.6833	1.39	0.20	2.1600	78.7	0.00	0.00
US-Str400	002YR02H R	1.55	1.1667	1.62	0.31	2.1600	78.7	0.00	0.00
US-Str400	002YR03H R	1.65	1.6667	1.72	0.36	2.1600	78.7	0.00	0.00
US-Str400	002YR06H R	2.27	3.1333	2.06	0.55	2.1600	78.7	0.00	0.00
US-Str400	002YR12H R	2.76	6.1000	2.45	0.79	2.1600	78.7	0.00	0.00
US-Str400	002YR24H R	2.90	12.0667	2.90	1.10	2.1600	78.7	0.00	0.00
US-Str400	010YR01H r	3.41	0.6667	2.02	0.52	2.1600	78.7	0.00	0.00
US-Str400	010YR02H r	4.28	1.1667	2.38	0.74	2.1600	78.7	0.00	0.00
US-Str400	010YR03H r	4.46	1.6500	2.53	0.84	2.1600	78.7	0.00	0.00
US-Str400	010YR06H r	5.51	3.1333	3.04	1.20	2.1600	78.7	0.00	0.00
US-Str400	010YR12H	5.78	6.1000	3.54	1.58	2.1600	78.7	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
	r								
US-Str400	010YR24Hr	5.29	12.0667	4.06	1.99	2.1600	78.7	0.00	0.00
US-Str400	1 1/4" 24hr	0.26	12.1000	1.25	0.15	2.1600	78.7	0.00	0.00
US-Str400	100YR01hr	8.25	0.6667	3.01	1.18	2.1600	78.7	0.00	0.00
US-Str400	100YR02hr	10.26	1.1500	3.65	1.66	2.1600	78.7	0.00	0.00
US-Str400	100YR03hr	10.68	1.6500	3.94	1.89	2.1600	78.7	0.00	0.00
US-Str400	100YR06hr	12.35	3.1167	4.79	2.60	2.1600	78.7	0.00	0.00
US-Str400	100YR12hr	11.46	6.1000	5.38	3.10	2.1600	78.7	0.00	0.00
US-Str400	100YR24hr	9.20	12.0667	5.83	3.50	2.1600	78.7	0.00	0.00

## Link Min/Max Conditions with Times [Bluffs Overall]

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
400A-400	002YR01HR	0.88	0.00	0.01	2.68	3.93	1.6453	0.0000	0.7790	1.6544	1.6661
400A-400	002YR02HR	1.03	0.00	0.01	2.79	4.11	2.4297	0.0000	1.2494	2.4399	2.4399
400A-400	002YR03HR	1.08	0.00	0.01	2.83	4.17	3.3412	0.0000	1.7327	3.4146	3.4146
400A-400	002YR06HR	1.22	0.00	0.01	2.92	4.33	6.1649	0.0000	3.1633	6.2219	6.1649
400A-400	002YR12HR	1.49	0.00	0.01	3.09	4.60	8.8419	0.0000	6.0157	8.8790	8.7980
400A-400	002YR24HR	2.00	0.00	-0.02	3.34	5.01	14.0505	0.0000	41.5342	14.0858	14.0643
400A-400	010YR01Hr	1.42	0.00	0.01	3.04	4.52	1.6380	0.0000	0.7082	1.6438	1.6754
400A-400	010YR02Hr	2.38	0.00	0.01	3.51	5.28	2.3867	0.0000	1.1767	2.4160	2.4160
400A-400	010YR03Hr	2.55	0.00	0.01	3.58	5.38	3.2925	0.0000	1.6519	3.3016	3.2925
400A-400	010YR06Hr	3.00	0.00	0.01	3.75	5.65	5.0854	0.0000	3.0326	5.0955	5.0955

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
400A-400	010YR1 2Hr	3.29	0.00	0.01	3.84	5.80	7.7609	0.0000	5.5490	7.6110	7.6110
400A-400	010YR2 4Hr	3.51	0.00	-0.02	3.92	5.91	13.7113	0.0000	44.4811	13.7739	13.6904
400A-400	1 1/4" 24hr	0.52	0.00	0.01	2.33	1.84	14.3030	0.0000	12.2747	14.4094	14.3414
400A-400	100YR0 1hr	3.48	0.00	0.01	3.91	5.89	1.5800	0.0000	0.6560	1.6165	1.6075
400A-400	100YR0 2hr	4.16	0.00	0.01	4.12	6.20	2.3770	0.0000	1.1035	2.4053	2.4082
400A-400	100YR0 3hr	4.76	0.00	0.01	4.28	6.45	3.2322	0.0000	1.5415	3.2680	3.2680
400A-400	100YR0 6hr	9.05	0.00	0.16	5.27	7.71	4.2472	0.0000	5.2595	4.2505	4.2505
400A-400	100YR1 2hr	10.29	0.00	0.16	5.51	7.98	7.1162	0.0000	8.2800	7.1275	7.1373
400A-400	100YR2 4hr	10.06	0.00	0.11	5.46	7.93	13.0026	0.0000	14.1440	13.0184	13.0184
401-NinevahRd	002YR0 1HR	1.24	0.00	0.01	1.92	2.97	0.9426	0.0000	1.0302	0.9436	0.9436
401-NinevahRd	002YR0 2HR	1.58	0.00	-0.01	2.05	3.15	1.4043	0.0000	1.2408	1.4055	1.4055
401-NinevahRd	002YR0 3HR	1.68	0.00	0.01	2.08	3.20	1.8928	0.0000	2.1404	1.8931	1.8931
401-NinevahRd	002YR0 6HR	2.34	0.00	0.01	2.27	3.47	3.3563	0.0000	3.7475	3.3574	3.3574
401-NinevahRd	002YR1 2HR	3.08	0.00	0.01	2.43	3.80	6.2972	0.0000	6.3514	6.2974	6.2974
401-NinevahRd	002YR2 4HR	3.79	0.00	-0.01	2.58	4.00	12.2245	0.0000	12.0962	12.2252	12.2252
401-NinevahRd	010YR0 1Hr	3.66	0.00	-0.01	2.55	3.97	0.8898	0.0000	0.7555	0.8898	0.8904
401-NinevahRd	010YR0 2Hr	4.54	0.00	0.01	2.72	4.24	1.3714	0.0000	1.4015	1.3467	1.3469
401-NinevahRd	010YR0 3Hr	4.77	0.00	0.01	2.76	4.29	1.8585	0.0000	1.9405	1.8586	1.8586
401-NinevahRd	010YR0 6Hr	6.09	0.00	-0.02	2.98	4.63	3.3435	0.0000	3.2320	3.3437	3.3437
401-NinevahRd	010YR1 2Hr	6.99	0.00	-0.02	3.13	4.81	6.2903	0.0000	6.1510	6.2904	6.2904
401-NinevahRd	010YR2 4Hr	7.35	0.00	0.02	3.18	4.92	12.2366	0.0000	12.2675	12.2112	12.2113
401-NinevahRd	1 1/4" 24hr	0.21	0.00	0.00	1.26	1.80	12.3780	0.0000	12.1867	12.3803	12.3803
401-NinevahRd	100YR0	8.86	0.00	0.02	3.41	5.24	0.9026	0.0000	0.9944	0.9026	0.9027

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
evahRd	1hr										
401-Nin evahRd	100YR0 2hr	10.65	0.00	0.03	3.71	5.59	1.4009	0.0000	1.4623	1.4010	1.4011
401-Nin evahRd	100YR0 3hr	11.15	0.00	-0.03	3.80	5.67	1.8900	0.0000	1.7981	1.8901	1.8901
401-Nin evahRd	100YR0 6hr	12.82	0.00	-0.04	4.14	6.01	3.3707	0.0000	3.4405	3.3707	3.4005
401-Nin evahRd	100YR1 2hr	12.90	0.00	0.04	4.16	6.01	6.3284	0.0000	6.2538	6.3284	6.3741
401-Nin evahRd	100YR2 4hr	12.10	0.00	-0.03	3.98	5.88	12.2684	0.0000	12.1988	12.2684	12.2685
403-401	002YR0 1HR	0.85	0.00	0.00	2.47	2.28	0.8963	0.0000	0.6438	0.9131	0.6911
403-401	002YR0 2HR	1.09	0.00	0.00	2.64	2.43	1.3599	0.0000	1.1191	1.3791	1.1679
403-401	002YR0 3HR	1.16	0.00	0.00	2.68	2.46	1.8513	0.0000	1.6577	1.8730	1.6574
403-401	002YR0 6HR	1.62	0.00	0.00	2.91	2.59	3.3165	0.0000	3.1030	3.3331	3.1176
403-401	002YR1 2HR	2.15	0.00	0.00	3.09	2.38	6.2460	0.0000	5.9739	6.2491	6.0277
403-401	002YR2 4HR	2.65	0.00	0.00	3.22	2.03	12.1867	0.0000	12.2122	12.1788	12.0741
403-401	010YR0 1Hr	2.53	0.00	0.00	3.19	2.81	0.8554	0.0000	0.6116	0.8509	0.6366
403-401	010YR0 2Hr	3.15	0.00	0.00	3.32	2.92	1.3364	0.0000	1.0913	1.3106	1.1192
403-401	010YR0 3Hr	3.30	0.00	0.00	3.34	2.93	1.8250	0.0000	1.5793	1.7875	1.6073
403-401	010YR0 6Hr	4.19	0.00	0.00	3.43	2.70	3.3227	0.0000	3.0292	3.2945	3.0572
403-401	010YR1 2Hr	4.82	0.00	0.00	3.49	2.39	6.2666	0.0000	6.4569	6.2093	6.0963
403-401	010YR2 4Hr	5.08	0.00	0.00	3.50	2.30	12.2116	0.0000	12.4207	12.1475	12.1525
403-401	1 1/4" 24hr	0.15	0.00	0.00	1.34	1.70	12.3272	0.0000	12.1269	12.4003	12.2144
403-401	100YR0 1hr	6.04	0.00	-0.01	3.54	3.24	0.8973	0.0000	0.5965	0.7388	0.6004
403-401	100YR0 2hr	7.16	0.00	-0.01	3.57	3.22	1.4207	0.0000	1.0720	1.1911	1.0745
403-401	100YR0 3hr	7.45	0.00	0.00	3.57	2.95	1.9195	0.0000	1.5220	1.6723	1.5803
403-401	100YR0 6hr	8.45	0.00	0.00	3.57	2.79	3.4321	0.0000	3.7795	3.1231	3.5182

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
403-401	100YR1 2hr	8.51	0.00	-0.01	3.56	2.80	6.3740	0.0000	6.7488	6.0728	6.4381
403-401	100YR2 4hr	8.05	0.00	0.00	3.54	2.72	12.3086	0.0000	12.6330	12.0043	12.3666
405-403	002YR0 1HR	0.85	0.00	0.01	3.04	6.98	0.8755	0.0000	0.5936	0.8870	0.8826
405-403	002YR0 2HR	1.10	0.00	0.01	3.29	7.51	1.3414	0.0000	1.0752	1.3467	1.3467
405-403	002YR0 3HR	1.17	0.00	-0.01	3.35	7.65	1.8362	0.0000	3.3360	1.8405	1.8405
405-403	002YR0 6HR	1.62	0.00	0.01	3.74	8.40	3.3017	0.0000	3.0256	3.3074	3.3074
405-403	002YR1 2HR	2.15	0.00	0.03	4.15	9.10	6.2269	0.0000	6.3688	6.2291	6.2280
405-403	002YR2 4HR	2.66	0.00	-0.04	4.54	9.65	12.1700	0.0000	12.1006	12.1708	12.1700
405-403	010YR0 1Hr	2.54	0.00	-0.04	4.45	9.56	0.8384	0.0000	0.7938	0.8392	0.7938
405-403	010YR0 2Hr	3.16	0.00	-0.04	4.92	10.11	1.3202	0.0000	1.1731	1.3245	1.3245
405-403	010YR0 3Hr	3.31	0.00	-0.04	5.04	10.24	1.8087	0.0000	1.6555	1.8123	1.8214
405-403	010YR0 6Hr	4.20	0.00	-0.08	5.59	10.89	3.3046	0.0000	3.1813	3.1812	3.3046
405-403	010YR1 2Hr	4.84	0.00	-0.08	6.16	11.27	6.2486	0.0000	6.0965	6.2486	6.2486
405-403	010YR2 4Hr	5.10	0.00	-0.08	6.49	11.41	12.1967	0.0000	12.0239	12.1967	12.2020
405-403	1 1/4" 24hr	0.14	0.00	0.01	1.86	0.00	12.3042	0.0000	12.1350	12.4333	0.0000
405-403	100YR0 1hr	6.05	0.00	-0.08	7.70	11.86	0.8783	0.0000	0.6394	0.8783	0.8827
405-403	100YR0 2hr	7.16	0.00	-0.08	9.11	12.25	1.4015	0.0000	1.1028	1.4015	1.4073
405-403	100YR0 3hr	7.45	0.00	-0.08	9.49	12.32	1.8993	0.0000	1.5872	1.8993	1.9041
405-403	100YR0 6hr	8.43	0.00	-0.08	10.74	12.48	3.4038	0.0000	3.0417	3.4038	3.4105
405-403	100YR1 2hr	8.48	0.00	-0.08	10.80	12.48	6.3587	0.0000	5.9844	6.3587	6.3679
405-403	100YR2 4hr	8.04	0.00	-0.08	10.23	12.44	12.2850	0.0000	11.8990	12.2850	12.2955
461-462	002YR0 1HR	0.26	-0.09	0.01	1.55	2.11	1.8319	0.7747	0.8374	1.0194	1.8983
461-462	002YR0	0.45	-0.21	0.01	1.73	2.52	2.7225	1.2639	1.3102	2.5076	2.7275

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2HR										
461-462	002YR0 3HR	0.53	-0.23	0.01	1.84	2.59	3.5025	1.7685	1.7976	3.5687	3.0413
461-462	002YR0 6HR	0.82	-0.45	0.01	2.15	2.69	6.3328	3.2230	3.2729	6.4084	3.9914
461-462	002YR1 2HR	1.01	-0.54	0.01	2.29	2.78	12.1962	6.1631	6.2762	12.3133	6.7812
461-462	002YR2 4HR	1.15	-0.26	0.00	2.36	2.75	17.6881	12.0627	12.2394	18.1370	12.6811
461-462	010YR0 1Hr	0.98	-1.61	0.01	2.31	-3.14	1.1041	0.8399	1.0092	1.1990	0.7146
461-462	010YR0 2Hr	1.26	-2.23	0.00	-2.83	-3.36	1.6414	1.3186	1.5684	1.3186	1.1895
461-462	010YR0 3Hr	1.30	-2.29	0.00	-2.91	-3.36	2.1341	1.8083	2.0621	1.8083	1.6778
461-462	010YR0 6Hr	1.55	-2.71	0.00	-3.45	-3.45	3.6808	3.2615	3.5879	3.2615	3.2615
461-462	010YR1 2Hr	1.70	-2.69	0.00	-3.43	-3.43	6.6693	6.2086	6.5559	6.2086	6.2086
461-462	010YR2 4Hr	1.83	-2.48	0.00	-3.15	-3.15	12.5949	12.1694	12.4640	12.1694	12.1694
461-462	1 1/4" 24hr	0.12	0.00	0.00	1.20	1.72	23.9539	0.0000	14.3019	23.9539	19.2855
461-462	100YR0 1hr	2.08	-3.10	0.01	-3.95	-4.08	1.5081	0.7261	1.3757	0.7261	0.6605
461-462	100YR0 2hr	2.26	-3.20	0.01	-4.07	-4.10	2.2069	1.1951	2.0761	1.1951	1.1333
461-462	100YR0 3hr	2.28	-3.19	0.01	-4.06	-4.06	2.7196	1.6829	2.5910	1.6829	1.6829
461-462	100YR0 6hr	2.51	-3.15	0.01	-4.01	-4.01	4.3462	3.1500	4.2141	3.1500	3.1500
461-462	100YR1 2hr	2.57	-2.96	0.01	-3.76	-3.76	7.2653	6.1030	7.1304	6.1030	6.1030
461-462	100YR2 4hr	2.52	-2.65	0.01	-3.38	-3.38	13.0374	12.0352	12.8942	12.0352	12.0352
462-463	002YR0 1HR	0.26	-0.59	0.01	1.43	-2.61	1.9011	0.6937	0.7747	1.1992	0.6760
462-463	002YR0 2HR	0.45	-0.72	0.01	1.65	-2.73	2.7643	1.1738	1.2639	2.7749	1.1552
462-463	002YR0 3HR	0.53	-0.73	0.01	1.73	-2.73	3.5703	1.6620	1.7554	3.6083	1.6427
462-463	002YR0 6HR	0.82	-0.83	0.02	1.95	2.99	6.3876	3.1281	3.2697	6.4001	6.1466
462-463	002YR1 2HR	1.01	-0.73	0.02	2.08	3.21	12.3181	6.1570	6.2751	11.8102	12.3319

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
462-463	002YR2 4HR	1.16	-0.59	0.01	2.18	3.26	12.3602	12.0636	12.2338	16.3707	24.3917
462-463	010YR0 1Hr	1.39	-2.09	0.00	-2.66	-3.28	1.1001	0.8112	2.9692	0.8112	0.6381
462-463	010YR0 2Hr	1.64	-3.04	0.00	-3.87	-3.87	1.6551	1.2861	1.5716	1.2861	1.2861
462-463	010YR0 3Hr	1.69	-3.14	0.00	-4.00	-4.00	2.1444	1.7740	1.9820	1.7740	1.7740
462-463	010YR0 6Hr	1.94	-3.89	0.01	-4.95	-4.95	3.6304	3.2407	3.4398	3.2407	3.2407
462-463	010YR1 2Hr	2.13	-3.96	0.01	-5.05	-5.05	6.6064	6.1958	6.4383	6.1958	6.1958
462-463	010YR2 4Hr	2.27	-3.48	0.01	-4.44	-4.44	12.5279	12.1433	12.3343	12.1433	12.1433
462-463	1 1/4" 24hr	0.12	-0.08	0.00	1.16	1.81	24.0003	12.1311	12.1850	24.0003	21.2472
462-463	100YR0 1hr	3.26	-5.16	0.03	-6.57	-6.57	1.4411	0.7011	1.3639	0.7011	0.7011
462-463	100YR0 2hr	3.29	-5.46	0.02	-6.96	-6.96	2.1641	1.1651	2.0679	1.1651	1.1651
462-463	100YR0 3hr	3.29	-5.49	0.02	-6.99	-6.99	2.6772	1.6519	2.5837	1.6519	1.6519
462-463	100YR0 6hr	3.55	-5.49	0.01	-6.99	-6.99	4.3047	3.1138	4.2079	3.1138	3.1138
462-463	100YR1 2hr	3.60	-5.07	0.01	-6.46	-6.46	7.2241	6.0695	7.1186	6.0695	6.0695
462-463	100YR2 4hr	3.47	-4.38	0.01	-5.58	-5.58	12.9965	12.0115	12.8863	12.0115	12.0115
463-464	002YR0 1HR	1.16	0.00	0.00	1.88	2.76	0.7512	0.0000	0.7747	0.6318	0.6150
463-464	002YR0 2HR	1.28	0.00	0.00	1.88	2.70	1.3388	0.0000	1.2632	1.1106	1.0893
463-464	002YR0 3HR	1.31	0.00	0.00	1.83	2.51	1.8314	0.0000	1.8038	1.5946	1.5630
463-464	002YR0 6HR	1.45	0.00	0.01	1.80	2.24	3.3231	0.0000	3.2493	6.0617	6.6935
463-464	002YR1 2HR	1.75	0.00	0.01	1.89	2.31	6.3823	0.0000	6.2741	11.9183	11.7999
463-464	002YR2 4HR	2.03	0.00	0.02	1.95	2.36	12.3488	0.0000	12.2333	16.3940	17.5182
463-464	010YR0 1Hr	2.29	-0.88	0.02	2.03	2.91	1.0653	0.8092	0.8683	0.5991	0.5834
463-464	010YR0 2Hr	2.71	-1.82	0.02	1.98	2.36	1.5786	1.2848	1.3568	2.0717	1.0322
463-464	010YR0	2.80	-1.90	0.03	2.02	2.39	2.0738	1.7740	1.8470	3.0610	3.6662

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	3Hr										
463-464	010YR0 6Hr	3.24	-2.59	0.03	2.11	2.49	3.6149	3.2453	3.4360	6.0313	6.0261
463-464	010YR1 2Hr	3.47	-2.57	0.02	2.15	2.55	6.5939	6.1952	6.4289	9.9973	11.8307
463-464	010YR2 4Hr	3.58	-2.01	0.02	2.19	2.58	12.5158	12.1439	12.3295	16.4085	17.4818
463-464	1 1/4" 24hr	0.45	0.00	0.00	1.44	1.79	12.0961	0.0000	11.8289	12.0494	11.8884
463-464	100YR0 1hr	5.40	-2.76	0.02	3.06	3.06	1.3986	0.6988	1.3635	1.3986	1.3986
463-464	100YR0 2hr	5.20	-2.79	-0.05	2.94	2.94	2.1008	1.1624	1.2979	2.1008	2.1008
463-464	100YR0 3hr	5.24	-2.93	-0.04	2.97	2.97	2.6167	1.6491	1.9230	2.6167	2.6167
463-464	100YR0 6hr	5.49	-3.04	-0.04	3.11	3.11	4.2528	3.1106	3.4863	4.2528	4.2528
463-464	100YR1 2hr	5.48	-3.01	-0.05	3.10	3.10	7.1695	6.0662	6.4325	7.1695	7.1695
463-464	100YR2 4hr	5.26	-2.61	-0.04	2.97	2.97	12.9360	12.0088	12.3177	12.9360	12.9360
464-465	002YR0 1HR	2.26	0.00	0.00	1.84	2.01	0.7736	0.0000	0.9343	0.9257	1.4805
464-465	002YR0 2HR	2.47	0.00	0.00	1.84	2.36	1.2614	0.0000	1.4101	1.4797	2.4708
464-465	002YR0 3HR	2.48	0.00	0.00	1.84	2.43	1.7540	0.0000	1.8984	1.9869	3.3756
464-465	002YR0 6HR	2.67	0.00	0.00	1.88	2.72	3.2817	0.0000	3.2587	3.5286	6.3832
464-465	002YR1 2HR	2.82	0.00	0.00	1.94	2.86	6.3702	0.0000	6.2718	6.5266	12.4489
464-465	002YR2 4HR	3.11	0.00	0.01	2.01	2.90	12.3281	0.0000	12.2301	12.4783	24.4726
464-465	010YR0 1Hr	3.65	0.00	0.02	2.04	2.77	1.0357	0.0000	0.8660	1.1909	1.6428
464-465	010YR0 2Hr	4.13	-0.61	0.03	2.09	2.95	1.5838	1.2815	1.3553	1.7300	2.9332
464-465	010YR0 3Hr	4.21	-0.70	0.03	2.10	2.99	2.0784	1.7680	1.8459	2.2137	3.8492
464-465	010YR0 6Hr	4.67	-1.40	0.03	2.17	3.12	3.6116	3.2338	3.2526	3.7380	6.7697
464-465	010YR1 2Hr	4.91	-1.42	0.04	2.20	3.18	6.5910	6.1844	6.4287	6.7220	12.7774
464-465	010YR2 4Hr	5.02	-0.85	0.03	2.23	3.19	12.5129	12.1233	12.1612	12.6429	24.6670

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
464-465	1 1/4" 24hr	0.83	0.00	0.00	1.64	1.90	12.1403	0.0000	11.9739	12.1439	11.8998
464-465	100YR0 1hr	8.31	-1.77	0.09	3.46	3.46	1.3803	0.6985	0.6997	1.3803	1.3803
464-465	100YR0 2hr	7.99	-2.03	0.12	3.32	3.32	2.0840	1.1621	1.1634	2.0840	2.0840
464-465	100YR0 3hr	8.03	-2.34	0.12	3.34	3.34	2.5999	1.6487	1.6504	2.5999	2.5999
464-465	100YR0 6hr	8.19	-2.76	0.13	3.41	3.41	4.2284	3.1102	3.1123	4.2284	6.9418
464-465	100YR1 2hr	8.08	-2.69	0.10	3.36	3.44	7.1445	6.0659	6.0683	7.1445	12.8094
464-465	100YR2 4hr	7.77	-1.95	0.07	3.23	3.42	12.9071	12.0086	12.0104	12.9071	24.7349
465-466	002YR0 1HR	5.48	0.00	-0.01	3.08	3.69	0.7644	0.0000	0.8633	0.7169	0.6436
465-466	002YR0 2HR	6.31	0.00	-0.01	3.14	3.79	1.2500	0.0000	1.3185	1.1928	1.1241
465-466	002YR0 3HR	6.45	0.00	-0.01	3.14	3.74	1.7389	0.0000	1.8984	1.6783	1.6081
465-466	002YR0 6HR	7.38	0.00	-0.01	3.17	3.38	3.2079	0.0000	3.2969	3.1409	3.0556
465-466	002YR1 2HR	7.81	0.00	-0.01	3.16	3.08	6.1638	0.0000	6.2427	6.1051	6.0098
465-466	002YR2 4HR	7.81	0.00	-0.01	3.12	2.94	12.1207	0.0000	12.1872	12.0312	12.0205
465-466	010YR0 1Hr	9.63	0.00	-0.01	3.34	4.07	0.7187	0.0000	1.0220	0.6559	0.6090
465-466	010YR0 2Hr	10.29	0.00	-0.01	3.34	3.91	1.2009	0.0000	1.5728	1.1341	1.0782
465-466	010YR0 3Hr	10.25	0.00	-0.01	3.31	3.55	1.6877	0.0000	2.0678	1.6222	1.5553
465-466	010YR0 6Hr	10.59	0.00	-0.01	3.37	3.37	3.1455	0.0000	3.4356	3.1455	3.1455
465-466	010YR1 2Hr	10.72	0.00	-0.02	3.41	3.41	6.4242	0.0000	6.4288	6.4242	6.4242
465-466	010YR2 4Hr	9.15	0.00	-0.01	3.14	3.01	12.0160	0.0000	12.3298	11.9557	11.9818
465-466	1 1/4" 24hr	1.92	0.00	0.01	2.46	2.84	12.1492	0.0000	11.9170	12.1792	12.0177
465-466	100YR0 1hr	18.17	-4.24	-0.10	5.78	5.78	1.3423	0.7339	0.7149	1.3423	1.3423
465-466	100YR0 2hr	18.19	-4.80	-0.12	5.79	5.79	2.0073	1.1906	1.1777	2.0073	2.0073
465-466	100YR0	18.27	-4.82	-0.15	5.81	5.81	2.5192	1.6766	1.6644	2.5192	2.5192



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	3hr										
465-466	100YR0 6hr	18.60	-4.98	-0.13	5.92	5.92	4.1128	3.1360	3.1247	4.1128	4.1128
465-466	100YR1 2hr	18.17	-4.63	-0.09	5.78	5.78	7.0300	6.0959	6.0809	7.0300	7.0300
465-466	100YR2 4hr	17.50	-3.31	-0.06	5.57	5.57	12.8137	12.0550	12.0303	12.8137	12.8137
466-467	002YR0 1HR	6.07	0.00	-0.01	2.85	3.49	0.7778	0.0000	0.9415	0.7071	0.6685
466-467	002YR0 2HR	7.01	0.00	-0.01	2.93	3.47	1.2615	0.0000	1.2980	1.1900	1.1515
466-467	002YR0 3HR	7.16	0.00	-0.01	2.93	3.39	1.7511	0.0000	1.7887	1.7106	1.6406
466-467	002YR0 6HR	8.17	0.00	-0.01	3.02	3.23	3.2151	0.0000	3.3102	3.1845	3.1693
466-467	002YR1 2HR	8.60	0.00	-0.01	3.04	3.22	6.1671	0.0000	6.2364	6.1386	6.1283
466-467	002YR2 4HR	8.50	0.00	-0.01	2.96	3.12	12.1191	0.0000	12.1736	12.0759	12.0579
466-467	010YR0 1Hr	10.68	0.00	-0.01	3.40	3.56	0.7260	0.0000	0.7546	0.7260	0.6466
466-467	010YR0 2Hr	11.29	0.00	-0.01	3.59	3.63	1.1976	0.0000	1.2120	1.1976	1.1836
466-467	010YR0 3Hr	11.22	0.00	-0.01	3.57	3.61	1.6735	0.0000	1.6979	1.6735	1.6713
466-467	010YR0 6Hr	11.43	0.00	0.01	3.64	3.64	3.1421	0.0000	3.3074	3.1421	3.1421
466-467	010YR1 2Hr	12.01	0.00	0.01	3.82	3.82	6.4270	0.0000	6.2654	6.4270	6.4270
466-467	010YR2 4Hr	10.44	0.00	-0.01	3.32	3.32	12.3283	0.0000	12.0332	12.3283	12.3283
466-467	1 1/4" 24hr	2.13	0.00	0.00	2.26	2.65	12.1683	0.0000	12.0494	12.1544	12.0309
466-467	100YR0 1hr	18.78	-2.04	-0.08	5.98	5.98	1.3414	0.7396	0.7146	1.3414	1.3414
466-467	100YR0 2hr	19.39	-2.52	-0.11	6.17	6.17	1.8255	1.1958	1.1784	1.8255	1.8255
466-467	100YR0 3hr	19.71	-2.55	-0.13	6.27	6.27	2.3349	1.6818	1.6644	2.3349	2.3349
466-467	100YR0 6hr	20.82	-2.74	-0.09	6.63	6.63	3.9294	3.1416	3.1252	3.9294	3.9294
466-467	100YR1 2hr	20.07	-2.49	-0.06	6.39	6.39	6.8399	6.1017	6.0817	6.8399	6.8399
466-467	100YR2 4hr	18.57	-1.18	-0.04	5.91	5.91	12.6272	12.0620	12.0324	12.6272	12.6272

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
467-468	002YR0 1HR	6.22	0.00	-0.01	2.33	2.60	0.7906	0.0000	0.9415	0.7704	0.6803
467-468	002YR0 2HR	7.14	0.00	-0.01	2.39	2.66	1.2703	0.0000	1.3084	1.2419	1.1586
467-468	002YR0 3HR	7.30	0.00	-0.01	2.40	2.66	1.7588	0.0000	1.8072	1.7261	1.6418
467-468	002YR0 6HR	8.22	0.00	-0.01	2.45	2.59	3.2163	0.0000	3.3117	3.1787	3.1131
467-468	002YR1 2HR	8.61	0.00	-0.01	2.48	2.60	6.1630	0.0000	6.2309	6.1187	6.0930
467-468	002YR2 4HR	8.54	0.00	0.01	2.46	2.59	12.1084	0.0000	12.2267	12.0437	12.0255
467-468	010YR0 1Hr	10.45	0.00	-0.01	2.57	2.86	0.7244	0.0000	0.7531	0.6974	0.6372
467-468	010YR0 2Hr	11.18	0.00	-0.01	2.62	2.91	1.1891	0.0000	1.2108	1.1737	1.1032
467-468	010YR0 3Hr	11.11	0.00	0.02	2.62	2.81	1.6759	0.0000	1.8384	1.6530	1.5893
467-468	010YR0 6Hr	11.79	0.00	0.02	2.66	2.80	3.4360	0.0000	3.3044	3.1123	3.0900
467-468	010YR1 2Hr	12.94	0.00	0.02	2.64	2.76	6.4289	0.0000	6.2593	6.4289	6.0437
467-468	010YR2 4Hr	11.35	0.00	0.01	2.53	2.65	12.3298	0.0000	12.2162	11.9588	11.9407
467-468	1 1/4" 24hr	2.18	0.00	0.00	1.84	2.13	12.1869	0.0000	12.0541	12.1825	12.0730
467-468	100YR0 1hr	19.26	-2.18	-0.05	3.92	3.92	1.3360	0.7411	0.7152	1.3360	1.3360
467-468	100YR0 2hr	20.54	-2.98	-0.08	4.19	4.19	1.7779	1.2167	1.1784	1.7779	1.7779
467-468	100YR0 3hr	21.00	-2.98	-0.08	4.28	4.28	2.2852	1.7015	1.6644	2.2852	2.2852
467-468	100YR0 6hr	22.47	-3.26	0.10	4.58	4.58	3.8675	3.1692	3.7969	3.8675	3.8675
467-468	100YR1 2hr	21.52	-2.42	0.07	4.38	4.38	6.7796	6.1251	6.7093	6.7796	6.7796
467-468	100YR2 4hr	19.45	-0.64	0.05	3.96	3.96	12.5797	12.0741	12.5181	12.5797	12.5797
468-469	002YR0 1HR	7.81	0.00	-0.01	2.76	3.11	0.7953	0.0000	0.8268	0.7770	0.7683
468-469	002YR0 2HR	8.91	0.00	-0.01	2.84	3.16	1.2725	0.0000	1.3289	1.2471	1.2386
468-469	002YR0 3HR	9.08	0.00	-0.01	2.85	3.17	1.7605	0.0000	1.8243	1.7347	1.7245
468-469	002YR0	10.12	0.00	-0.01	2.90	3.20	3.2177	0.0000	3.3143	3.1830	3.1706

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	6HR										
468-469	002YR1 2HR	10.49	0.00	-0.01	2.90	3.22	6.1635	0.0000	12.2145	6.1216	6.1051
468-469	002YR2 4HR	10.31	0.00	0.02	2.86	3.20	12.1079	0.0000	12.2249	12.0437	12.0145
468-469	010YR0 1Hr	12.71	0.00	0.02	3.06	3.31	0.7195	0.0000	0.8567	0.7026	0.6966
468-469	010YR0 2Hr	13.48	0.00	-0.02	3.11	3.35	1.1893	0.0000	1.2036	1.1750	1.1684
468-469	010YR0 3Hr	13.32	0.00	-0.02	3.10	3.35	1.6760	0.0000	1.6899	1.6592	1.6515
468-469	010YR0 6Hr	14.46	0.00	0.01	3.09	3.36	3.4372	0.0000	3.3000	3.1157	3.1057
468-469	010YR1 2Hr	15.41	0.00	0.02	3.14	3.32	6.4300	0.0000	6.2574	6.4300	6.0408
468-469	010YR2 4Hr	14.09	0.00	0.01	2.91	3.27	12.3313	0.0000	12.2123	11.9541	20.1634
468-469	1 1/4" 24hr	2.73	0.00	0.01	2.14	2.81	12.1989	0.0000	12.0588	12.2011	12.2611
468-469	100YR0 1hr	20.26	0.00	0.04	4.13	4.13	1.3239	0.0000	1.1030	1.3239	1.3239
468-469	100YR0 2hr	22.33	0.00	0.08	4.55	4.55	1.7805	0.0000	1.7172	1.7805	1.7805
468-469	100YR0 3hr	22.71	0.00	0.08	4.63	4.63	2.2880	0.0000	2.2224	2.2880	2.2880
468-469	100YR0 6hr	23.87	0.00	0.08	4.86	4.86	3.8702	0.0000	3.7912	3.8702	3.8702
468-469	100YR1 2hr	23.05	0.00	0.07	4.70	4.70	6.7822	0.0000	6.7051	6.7822	6.7822
468-469	100YR2 4hr	21.31	0.00	0.07	4.34	4.34	12.5821	0.0000	12.5188	12.5821	12.5821
469-471	002YR0 1HR	9.82	0.00	0.01	3.57	4.30	0.7904	0.0000	0.6992	0.7662	0.6950
469-471	002YR0 2HR	11.13	0.00	0.01	3.65	4.42	1.2678	0.0000	1.1738	1.2386	1.1729
469-471	002YR0 3HR	11.33	0.00	0.01	3.66	4.38	1.7559	0.0000	1.6632	1.7245	1.6563
469-471	002YR0 6HR	12.52	0.00	0.01	3.70	4.13	3.2162	0.0000	3.1073	3.1746	3.1177
469-471	002YR1 2HR	12.88	0.00	0.01	3.68	3.85	6.1634	0.0000	6.0535	6.1117	6.0655
469-471	002YR2 4HR	12.60	0.00	0.01	3.59	3.48	12.1066	0.0000	12.1809	12.0274	11.9843
469-471	010YR0 1Hr	15.77	0.00	-0.02	3.94	4.93	0.7152	0.0000	0.7488	0.6966	0.6544

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
469-471	010YR0 2Hr	16.63	0.00	-0.02	3.98	4.87	1.1875	0.0000	1.2033	1.1705	1.1285
469-471	010YR0 3Hr	16.34	0.00	-0.02	3.94	4.63	1.6739	0.0000	1.6890	1.6541	1.6118
469-471	010YR0 6Hr	17.57	0.00	-0.02	3.88	4.21	3.4395	0.0000	3.6061	3.1115	3.0840
469-471	010YR1 2Hr	18.27	0.00	-0.02	3.77	3.87	6.4317	0.0000	6.5824	6.0467	6.0203
469-471	010YR2 4Hr	17.27	0.00	-0.02	3.60	3.52	12.3339	0.0000	12.5038	11.9373	12.3339
469-471	1 1/4" 24hr	3.48	0.00	0.01	2.91	3.14	12.2014	0.0000	11.9448	12.2330	12.0588
469-471	100YR0 1hr	21.91	0.00	-0.03	4.46	5.43	1.1854	0.0000	0.6593	1.1854	0.6185
469-471	100YR0 2hr	24.40	0.00	-0.02	4.97	4.97	1.7832	0.0000	1.1275	1.7832	1.7832
469-471	100YR0 3hr	24.69	0.00	-0.03	5.03	5.03	2.2907	0.0000	1.6114	2.2907	2.2907
469-471	100YR0 6hr	26.05	0.00	-0.02	5.31	5.31	3.7888	0.0000	3.7912	3.7888	3.7888
469-471	100YR1 2hr	24.92	0.00	-0.02	5.08	5.08	6.7030	0.0000	6.7051	6.7030	6.7030
469-471	100YR2 4hr	23.45	0.00	-0.02	4.78	4.78	12.5846	0.0000	12.5188	12.5846	12.5846
471-472	002YR0 1HR	9.15	0.00	-0.02	2.56	3.55	0.8226	0.0000	0.8676	0.7409	0.6917
471-472	002YR0 2HR	10.19	0.00	0.01	2.61	3.56	1.3030	0.0000	1.1791	1.2161	1.1671
471-472	002YR0 3HR	10.35	0.00	0.01	2.61	3.53	1.7939	0.0000	1.6672	1.7021	1.6502
471-472	002YR0 6HR	11.43	0.00	0.02	2.59	3.27	3.3660	0.0000	3.3189	3.1517	3.0749
471-472	002YR1 2HR	12.54	0.00	0.02	2.51	2.88	6.3572	0.0000	6.2733	6.0887	6.0012
471-472	002YR2 4HR	12.98	0.00	0.02	2.41	2.72	12.3152	0.0000	12.2205	11.9956	11.7939
471-472	010YR0 1Hr	14.32	0.00	0.02	2.77	3.77	0.9690	0.0000	0.8486	0.6806	0.6454
471-472	010YR0 2Hr	15.95	0.00	0.02	2.77	3.62	1.4629	0.0000	1.3358	1.1533	1.1124
471-472	010YR0 3Hr	16.15	0.00	0.02	2.72	3.32	1.9545	0.0000	1.8271	1.6368	1.5770
471-472	010YR0 6Hr	18.42	0.00	0.02	2.61	2.84	3.4419	0.0000	3.1502	3.4419	3.0724
471-472	010YR1	19.09	0.00	-0.02	2.70	2.73	6.4336	0.0000	6.0966	6.4336	5.9891

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2Hr										
471-472	010YR2 4Hr	18.12	0.00	0.01	2.56	2.68	12.3376	0.0000	12.2069	12.3376	11.7678
471-472	1 1/4" 24hr	3.41	0.00	0.01	2.04	3.07	12.2267	0.0000	12.0872	12.2114	12.0936
471-472	100YR0 1hr	22.96	0.00	0.04	3.25	3.82	1.1864	0.0000	0.7099	1.1864	0.6049
471-472	100YR0 2hr	25.11	0.00	0.05	3.55	3.55	1.7836	0.0000	1.1738	1.7836	1.7836
471-472	100YR0 3hr	25.36	0.00	0.04	3.59	3.59	2.2910	0.0000	1.6600	2.2910	2.2910
471-472	100YR0 6hr	27.04	0.00	0.04	3.83	3.83	3.7900	0.0000	3.1221	3.7900	3.7900
471-472	100YR1 2hr	25.95	0.00	0.02	3.67	3.67	6.7042	0.0000	6.6636	6.7042	6.7042
471-472	100YR2 4hr	24.16	0.00	0.02	3.42	3.42	12.5852	0.0000	12.4966	12.5852	12.5852
472-473	002YR0 1HR	8.93	-0.41	0.02	2.19	2.30	0.8717	0.6643	0.6702	0.7481	0.7409
472-473	002YR0 2HR	10.04	-0.43	0.02	2.17	2.27	1.3788	1.1415	1.1473	1.2217	1.2161
472-473	002YR0 3HR	10.25	-0.27	0.01	2.17	2.27	1.8730	1.6195	1.6251	1.7077	1.7008
472-473	002YR0 6HR	11.86	0.00	0.02	2.13	2.25	3.3764	0.0000	3.3167	3.5570	4.3670
472-473	002YR1 2HR	13.13	0.00	0.03	2.17	2.31	6.3571	0.0000	6.2718	6.5080	5.7219
472-473	002YR2 4HR	13.59	0.00	0.02	2.21	2.33	12.3208	0.0000	12.2179	12.4587	13.3919
472-473	010YR0 1Hr	15.06	-0.80	0.03	2.26	2.32	1.0277	0.6290	0.8469	1.1602	1.2082
472-473	010YR0 2Hr	16.82	-0.35	0.04	2.38	2.38	1.4659	1.0878	1.3333	1.4659	1.4659
472-473	010YR0 3Hr	17.05	0.00	0.03	2.41	2.41	1.9566	0.0000	1.8247	1.9566	1.9566
472-473	010YR0 6Hr	19.27	0.00	0.03	2.73	2.73	3.4446	0.0000	3.2934	3.4446	3.4446
472-473	010YR1 2Hr	19.91	0.00	0.02	2.82	2.82	6.4352	0.0000	6.2494	6.4352	6.4352
472-473	010YR2 4Hr	19.00	0.00	-0.02	2.69	2.69	12.3436	0.0000	12.4931	12.3436	12.3436
472-473	1 1/4" 24hr	3.36	0.00	0.01	2.03	2.31	12.2508	0.0000	12.1130	12.2167	12.1444
472-473	100YR0 1hr	24.00	-1.06	0.13	3.40	3.40	1.1867	0.5930	0.7097	1.1867	1.1867

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
472-473	100YR0 2hr	26.15	0.00	0.22	3.70	3.70	1.7175	0.0000	1.1737	1.7175	1.7175
472-473	100YR0 3hr	26.68	0.00	0.20	3.77	3.77	2.2225	0.0000	1.6599	2.2225	2.2225
472-473	100YR0 6hr	28.05	0.00	0.20	3.97	3.97	3.7905	0.0000	3.1215	3.7905	3.7905
472-473	100YR1 2hr	26.99	0.00	0.09	3.82	3.82	6.7047	0.0000	6.0783	6.7047	6.7047
472-473	100YR2 4hr	24.87	0.00	0.06	3.52	3.52	12.5839	0.0000	12.4788	12.5839	12.5839
473-474	002YR0 1HR	9.07	-1.58	0.03	2.09	-2.74	0.8994	0.6708	0.6898	1.0698	0.6498
473-474	002YR0 2HR	10.34	-1.69	0.03	2.13	-2.75	1.4011	1.1494	1.1676	1.5683	1.1265
473-474	002YR0 3HR	10.58	-1.52	0.02	2.14	-2.66	1.8964	1.6306	1.6501	2.0626	1.6071
473-474	002YR0 6HR	12.39	-0.22	0.03	2.19	2.30	3.3862	3.0272	3.3139	3.5583	7.1451
473-474	002YR1 2HR	13.76	0.00	0.02	2.25	2.38	6.3565	0.0000	6.2705	6.5228	12.8799
473-474	002YR2 4HR	14.24	0.00	0.02	2.29	2.40	12.3208	0.0000	12.2134	12.4700	25.0450
473-474	010YR0 1Hr	15.70	-2.61	0.03	2.36	-3.03	0.9709	0.6366	0.6526	1.2174	0.6149
473-474	010YR0 2Hr	17.70	-2.05	-0.03	2.50	-2.80	1.4668	1.1020	1.1952	1.4668	1.0770
473-474	010YR0 3Hr	17.95	-0.91	-0.03	2.54	2.54	1.9576	1.5611	1.6807	1.9576	1.9576
473-474	010YR0 6Hr	20.15	-0.01	-0.03	2.85	2.85	3.4493	2.4412	3.1353	3.4493	3.4493
473-474	010YR1 2Hr	20.75	0.00	0.03	2.93	2.93	6.4372	0.0000	6.2470	6.4372	6.4372
473-474	010YR2 4Hr	19.93	0.00	0.01	2.82	2.82	12.3522	0.0000	12.2026	12.3522	12.3522
473-474	1 1/4" 24hr	3.37	-0.15	0.01	1.91	1.84	12.2742	11.9601	12.1130	12.3214	12.3575
473-474	100YR0 1hr	25.11	-3.42	0.31	3.55	3.55	1.1560	0.6020	0.7096	1.1560	1.1560
473-474	100YR0 2hr	27.64	-3.22	0.40	3.91	3.91	1.7180	1.1734	1.1736	1.7180	1.7180
473-474	100YR0 3hr	28.08	-2.91	0.37	3.97	3.97	2.2229	1.6597	1.6598	2.2229	2.2229
473-474	100YR0 6hr	29.06	-2.75	0.37	4.11	4.11	3.7899	3.1213	3.1215	3.7899	3.7899
473-474	100YR1	28.04	0.00	0.24	3.97	3.97	6.7047	0.0000	6.0782	6.7047	6.7047

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2hr										
473-474	100YR2 4hr	26.20	0.00	0.16	3.71	3.71	12.5197	0.0000	12.4954	12.5197	12.5197
474-504	002YR0 1HR	16.28	0.00	0.01	3.25	3.45	0.8523	0.0000	0.7324	0.7726	0.7427
474-504	002YR0 2HR	18.37	0.00	0.01	3.25	3.43	1.3448	0.0000	1.2154	1.2370	1.2124
474-504	002YR0 3HR	18.72	0.00	0.01	3.25	3.43	1.8353	0.0000	1.6854	1.7213	1.6957
474-504	002YR0 6HR	21.13	0.00	-0.01	3.25	3.46	3.3336	0.0000	3.5880	3.1594	3.1350
474-504	002YR1 2HR	22.41	0.00	0.02	3.21	3.39	6.3008	0.0000	6.2218	6.0887	6.0633
474-504	002YR2 4HR	22.77	0.00	0.02	3.23	3.32	12.2554	0.0000	12.2120	12.3315	11.9529
474-504	010YR0 1Hr	26.90	0.00	0.01	3.81	3.81	0.8778	0.0000	0.6612	0.8778	0.8778
474-504	010YR0 2Hr	29.96	0.00	0.01	4.24	4.24	1.3775	0.0000	1.1303	1.3775	1.3775
474-504	010YR0 3Hr	30.28	0.00	-0.01	4.28	4.28	1.8689	0.0000	2.2145	1.8689	1.8689
474-504	010YR0 6Hr	32.41	0.00	-0.01	4.59	4.59	3.3505	0.0000	3.7665	3.3505	3.3505
474-504	010YR1 2Hr	32.57	0.00	-0.01	4.61	4.61	6.3223	0.0000	6.7344	6.3223	6.3223
474-504	010YR2 4Hr	31.99	0.00	-0.02	4.53	4.53	12.2749	0.0000	12.7443	12.2749	12.2749
474-504	1 1/4" 24hr	5.94	0.00	0.01	2.73	3.00	12.2478	0.0000	12.0988	12.2453	12.2267
474-504	100YR0 1hr	42.12	0.00	-0.08	5.96	5.96	1.0737	0.0000	1.0978	1.0737	1.0737
474-504	100YR0 2hr	44.60	0.00	-0.10	6.31	6.31	1.6532	0.0000	1.6884	1.6532	1.6532
474-504	100YR0 3hr	45.11	0.00	-0.10	6.38	6.38	2.1471	0.0000	2.1902	2.1471	2.1471
474-504	100YR0 6hr	45.82	0.00	-0.10	6.48	6.48	3.6678	0.0000	3.7432	3.6678	3.6678
474-504	100YR1 2hr	44.86	0.00	-0.10	6.35	6.35	6.5935	0.0000	6.6623	6.5935	6.5935
474-504	100YR2 4hr	43.24	0.00	-0.09	6.12	6.12	12.4630	0.0000	12.4954	12.4630	12.4630
501-569	002YR0 1HR	21.37	0.00	0.02	2.98	3.21	0.8682	0.0000	0.7641	0.8633	0.6229
501-569	002YR0 2HR	24.47	0.00	0.02	3.05	3.28	1.3535	0.0000	1.2370	1.3663	1.1010

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
501-569	002YR0 3HR	25.01	0.00	0.02	3.05	3.29	1.8457	0.0000	1.7278	1.8595	1.5807
501-569	002YR0 6HR	28.59	0.00	0.02	3.16	3.19	3.3211	0.0000	3.2997	3.3524	3.3524
501-569	002YR1 2HR	30.52	0.00	0.02	3.23	3.27	6.2809	0.0000	6.2513	6.3211	6.3450
501-569	002YR2 4HR	31.02	0.00	0.02	3.25	3.28	12.2261	0.0000	12.1991	12.2563	12.3096
501-569	010YR0 1Hr	37.85	0.00	0.02	3.93	3.93	0.8543	0.0000	0.8203	0.8543	0.8543
501-569	010YR0 2Hr	42.41	0.00	0.03	4.41	4.41	1.3502	0.0000	1.1932	1.3502	1.3502
501-569	010YR0 3Hr	42.85	0.00	0.02	4.45	4.45	1.8425	0.0000	1.6789	1.8425	1.8425
501-569	010YR0 6Hr	46.69	0.00	0.02	4.85	4.85	3.3154	0.0000	3.1324	3.3154	3.3154
501-569	010YR1 2Hr	46.93	0.00	-0.02	4.88	4.88	6.2759	0.0000	6.9014	6.2759	6.2759
501-569	010YR2 4Hr	45.40	0.00	0.02	4.72	4.72	12.2265	0.0000	12.0047	12.2265	12.2265
501-569	1 1/4" 24hr	7.68	0.00	0.01	2.65	2.84	12.2667	0.0000	12.0988	12.2539	12.2233
501-569	100YR0 1hr	52.84	0.00	-0.07	5.49	5.49	0.8670	0.0000	0.8727	0.8670	0.8670
501-569	100YR0 2hr	58.37	0.00	-0.11	6.07	6.07	1.4255	0.0000	1.4387	1.4255	1.4255
501-569	100YR0 3hr	58.91	0.00	-0.12	6.12	6.12	1.9278	0.0000	1.9403	1.9278	1.9278
501-569	100YR0 6hr	61.36	0.00	-0.13	6.38	6.38	3.4558	0.0000	3.4680	3.4558	3.4558
501-569	100YR1 2hr	60.87	0.00	-0.13	6.33	6.33	6.3861	0.0000	6.3954	6.3861	6.3861
501-569	100YR2 4hr	54.06	0.00	-0.07	5.62	5.62	12.2541	0.0000	12.2580	12.2541	12.2541
503-501	002YR0 1HR	17.44	0.00	0.02	3.22	2.95	0.8740	0.0000	0.7481	0.9187	0.8858
503-501	002YR0 2HR	19.83	0.00	0.01	3.24	3.04	1.3648	0.0000	1.2154	1.4336	1.3900
503-501	002YR0 3HR	20.23	0.00	0.01	3.25	3.05	1.8572	0.0000	1.7001	1.9333	1.8845
503-501	002YR0 6HR	23.09	0.00	0.02	3.35	3.27	3.3497	0.0000	3.3044	3.3809	3.3516
503-501	002YR1 2HR	24.45	0.00	0.02	3.46	3.46	6.2974	0.0000	6.1783	6.2974	6.2974
503-501	002YR2	24.88	0.00	0.02	3.52	3.52	12.2571	0.0000	12.2045	12.2571	12.2571



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	4HR										
503-501	010YR0 1Hr	29.84	0.00	0.02	4.22	4.22	0.8821	0.0000	0.7211	0.8821	0.8821
503-501	010YR0 2Hr	33.43	0.00	0.02	4.73	4.73	1.3793	0.0000	1.1877	1.3793	1.3793
503-501	010YR0 3Hr	33.78	0.00	0.02	4.78	4.78	1.8731	0.0000	1.6731	1.8731	1.8731
503-501	010YR0 6Hr	36.33	0.00	0.02	5.14	5.14	3.3472	0.0000	3.1275	3.3472	3.3472
503-501	010YR1 2Hr	36.49	0.00	0.02	5.16	5.16	6.3152	0.0000	6.0714	6.3152	6.3152
503-501	010YR2 4Hr	35.61	0.00	0.02	5.04	5.04	12.2722	0.0000	11.9921	12.2722	12.2722
503-501	1 1/4" 24hr	6.37	0.00	0.01	3.27	2.74	12.2661	0.0000	12.0988	12.2536	12.2480
503-501	100YR0 1hr	44.51	0.00	0.05	6.30	6.30	1.0773	0.0000	0.8727	1.0773	1.0773
503-501	100YR0 2hr	46.59	0.00	0.09	6.59	6.59	1.6525	0.0000	1.4386	1.6525	1.6525
503-501	100YR0 3hr	47.01	0.00	0.10	6.65	6.65	2.1442	0.0000	1.9403	2.1442	2.1442
503-501	100YR0 6hr	47.55	0.00	0.11	6.73	6.73	3.6531	0.0000	3.4680	3.6531	3.6531
503-501	100YR1 2hr	46.71	0.00	0.11	6.61	6.61	6.5812	0.0000	6.3954	6.5812	6.5812
503-501	100YR2 4hr	45.35	0.00	0.06	6.42	6.42	12.4599	0.0000	12.2580	12.4599	12.4599
504-503	002YR0 1HR	16.80	0.00	0.01	3.12	3.80	0.8643	0.0000	0.7427	0.7815	0.6540
504-503	002YR0 2HR	19.03	0.00	0.01	3.09	3.79	1.3547	0.0000	1.2154	1.3785	1.1296
504-503	002YR0 3HR	19.41	0.00	0.01	3.09	3.73	1.8488	0.0000	1.7001	1.8892	1.6114
504-503	002YR0 6HR	22.08	0.00	0.03	3.19	3.83	3.3477	0.0000	3.3098	3.3652	3.0770
504-503	002YR1 2HR	23.39	0.00	0.02	3.31	3.80	6.3008	0.0000	6.2614	6.3008	5.9802
504-503	002YR2 4HR	23.78	0.00	0.02	3.36	3.76	12.2575	0.0000	12.2089	12.2575	11.8155
504-503	010YR0 1Hr	28.31	0.00	0.02	4.01	4.01	0.8812	0.0000	0.8346	0.8812	0.8812
504-503	010YR0 2Hr	31.63	0.00	0.02	4.48	4.48	1.3794	0.0000	1.3192	1.3794	1.3794
504-503	010YR0 3Hr	31.96	0.00	0.02	4.52	4.52	1.8729	0.0000	1.8106	1.8729	1.8729

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
504-503	010YR0 6Hr	34.30	0.00	0.02	4.85	4.85	3.3497	0.0000	3.2812	3.3497	3.3497
504-503	010YR1 2Hr	34.46	0.00	0.02	4.87	4.87	6.3195	0.0000	6.2383	6.3195	6.3195
504-503	010YR2 4Hr	33.74	0.00	-0.02	4.77	4.77	12.2743	0.0000	12.7443	12.2743	12.2743
504-503	1 1/4" 24hr	6.16	0.00	0.01	2.71	3.81	12.2564	0.0000	12.0988	12.2614	12.1547
504-503	100YR0 1hr	43.26	0.00	-0.02	6.12	6.12	1.0755	0.0000	1.0986	1.0755	1.0755
504-503	100YR0 2hr	45.56	0.00	0.03	6.45	6.45	1.6542	0.0000	1.4393	1.6542	1.6542
504-503	100YR0 3hr	46.02	0.00	0.03	6.51	6.51	2.1473	0.0000	1.9410	2.1473	2.1473
504-503	100YR0 6hr	46.65	0.00	-0.06	6.60	6.60	3.6631	0.0000	3.4737	3.6631	3.6631
504-503	100YR1 2hr	45.74	0.00	0.03	6.47	6.47	6.5896	0.0000	6.3961	6.5896	6.5896
504-503	100YR2 4hr	44.25	0.00	0.03	6.26	6.26	12.4631	0.0000	12.1951	12.4631	12.4631
512-Out let4	002YR0 1HR	1.11	0.00	0.00	1.65	2.73	2.9790	0.0000	0.9715	2.9790	2.9790
512-Out let4	002YR0 2HR	4.08	0.00	0.01	2.23	3.90	2.5244	0.0000	2.9718	2.5672	2.5672
512-Out let4	002YR0 3HR	5.51	0.00	0.01	2.41	4.23	3.3791	0.0000	4.2832	3.3812	3.3844
512-Out let4	002YR0 6HR	8.54	0.00	0.05	2.70	4.84	4.9578	0.0000	5.6339	5.0642	5.0642
512-Out let4	002YR1 2HR	11.90	0.00	0.05	3.01	5.35	7.3123	0.0000	7.9194	7.3190	7.3190
512-Out let4	002YR2 4HR	16.51	0.00	0.07	3.48	5.96	12.9806	0.0000	14.4242	12.9806	12.9838
512-Out let4	010YR0 1Hr	13.00	0.00	-0.05	3.11	5.52	1.4872	0.0000	1.3573	1.5002	1.5083
512-Out let4	010YR0 2Hr	19.95	0.00	-0.08	4.06	6.46	2.1372	0.0000	2.1385	2.1372	2.1379
512-Out let4	010YR0 3Hr	20.48	0.00	0.13	4.17	6.49	2.6773	0.0000	2.5328	2.6773	2.7639
512-Out let4	010YR0 6Hr	25.65	0.00	-0.13	5.22	7.10	4.0226	0.0000	4.8996	4.0226	4.0226
512-Out let4	010YR1 2Hr	30.57	0.00	-0.10	6.23	7.74	6.9094	0.0000	7.1757	6.9094	6.9097
512-Out let4	010YR2 4Hr	35.68	0.00	-0.15	7.27	8.40	12.7621	0.0000	13.2832	12.7621	12.7621
512-Out	1 1/4"	0.83	0.00	0.00	1.53	2.54	23.9933	0.0000	13.3230	23.9933	23.9933

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
let4	24hr										
512-Out let4	100YR0 1hr	35.50	0.00	-0.17	7.23	8.36	1.4319	0.0000	1.9723	1.4319	1.4319
512-Out let4	100YR0 2hr	42.98	0.00	-0.15	8.76	9.45	2.1794	0.0000	2.9988	2.1794	2.1794
512-Out let4	100YR0 3hr	44.11	0.00	-0.17	8.99	9.63	2.6971	0.0000	4.1680	2.6971	2.6971
512-Out let4	100YR0 6hr	48.29	0.00	-0.16	9.84	10.29	4.1322	0.0000	6.1564	4.1322	4.1322
512-Out let4	100YR1 2hr	49.33	0.00	-0.16	10.05	10.46	7.0511	0.0000	8.8996	7.0511	7.0511
512-Out let4	100YR2 4hr	49.59	0.00	0.11	10.10	10.51	12.9037	0.0000	12.1396	12.9037	12.9037
515-514	002YR0 1HR	8.29	0.00	0.65	2.77	4.59	0.8415	0.0000	2.5081	0.8422	0.8422
515-514	002YR0 2HR	9.90	0.00	0.77	2.93	4.82	1.3220	0.0000	2.9526	1.3226	1.3226
515-514	002YR0 3HR	10.22	0.00	0.87	2.96	4.86	1.8118	0.0000	4.5530	1.8121	1.8127
515-514	002YR0 6HR	12.31	0.00	-1.05	3.14	5.12	3.2773	0.0000	5.9538	3.2775	3.2775
515-514	002YR1 2HR	13.81	0.00	1.22	3.26	5.34	6.2344	0.0000	7.8113	6.2348	6.2352
515-514	002YR2 4HR	14.71	0.00	1.13	3.34	5.44	12.1852	0.0000	15.2872	12.2711	12.1860
515-514	010YR0 1Hr	17.22	0.00	0.04	3.53	5.69	0.8034	0.0000	0.9695	0.8035	0.8036
515-514	010YR0 2Hr	19.80	0.00	-0.05	3.71	5.99	1.2876	0.0000	1.2269	1.2878	1.2878
515-514	010YR0 3Hr	20.14	0.00	0.57	3.73	6.01	1.7787	0.0000	2.9959	1.7788	1.7788
515-514	010YR0 6Hr	23.03	0.00	0.84	3.95	6.26	3.2506	0.0000	4.5324	3.2506	3.2506
515-514	010YR1 2Hr	24.00	0.00	0.69	4.03	6.33	6.2107	0.0000	9.5007	6.2107	6.2107
515-514	010YR2 4Hr	23.34	0.00	-0.77	4.07	6.17	12.1579	0.0000	54.4562	12.1626	12.1095
515-514	1 1/4" 24hr	2.60	0.00	-0.02	1.96	3.35	12.2678	0.0000	23.9653	12.2686	12.2686
515-514	100YR0 1hr	34.15	0.00	-0.10	4.87	7.26	0.7687	0.0000	0.8088	0.7688	0.7687
515-514	100YR0 2hr	39.26	0.00	0.11	5.55	7.71	1.2586	0.0000	1.2138	1.2586	1.2587
515-514	100YR0 3hr	40.06	0.00	0.11	5.67	7.76	1.7491	0.0000	1.6958	1.7491	1.7574

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
515-514	100YR0 6hr	43.92	0.00	0.32	6.21	8.07	3.2284	0.0000	23.7559	3.2284	3.2284
515-514	100YR1 2hr	42.44	0.00	0.64	6.00	7.85	6.1906	0.0000	47.9937	6.1906	6.1616
515-514	100YR2 4hr	35.95	0.00	-0.03	5.09	5.81	12.1263	0.0000	12.8830	12.1263	12.0584
516-515	002YR0 1HR	0.00	-8.31	0.39	-2.51	-3.83	0.0000	0.8313	2.5081	0.8215	0.7080
516-515	002YR0 2HR	0.00	-9.92	-0.53	-2.66	-3.91	0.0000	1.3121	2.9514	1.3014	1.1851
516-515	002YR0 3HR	0.00	-10.24	-0.74	-2.69	-3.87	0.0000	1.8022	4.5515	1.7943	1.6691
516-515	002YR0 6HR	0.00	-12.33	0.59	-2.87	-3.65	0.0000	3.2691	6.5239	3.2599	3.1144
516-515	002YR1 2HR	0.00	-13.82	0.70	-2.98	-3.65	0.0000	6.2269	8.0694	6.2165	6.1824
516-515	002YR2 4HR	0.00	-14.72	0.71	-3.04	-3.69	0.0000	12.1774	14.5892	12.1708	12.1507
516-515	010YR0 1Hr	0.00	-17.24	0.03	-3.23	-4.35	0.0000	0.7964	1.4574	0.7891	0.6641
516-515	010YR0 2Hr	0.00	-19.83	0.03	-3.41	-4.24	0.0000	1.2810	2.1337	1.2760	1.1341
516-515	010YR0 3Hr	0.00	-20.16	0.61	-3.44	-4.04	0.0000	1.7720	2.9959	1.7670	1.7550
516-515	010YR0 6Hr	0.00	-23.05	1.00	-3.65	-4.23	0.0000	3.2441	4.5324	3.2403	3.2314
516-515	010YR1 2Hr	0.00	-24.02	0.71	-3.72	-4.29	0.0000	6.2049	9.5007	6.2005	6.1930
516-515	010YR2 4Hr	0.00	-23.30	-0.60	-3.70	-4.34	0.0000	12.1547	59.0388	12.1577	12.1605
516-515	1 1/4" 24hr	0.00	-2.61	0.00	-1.73	-2.95	0.0000	12.2511	12.1130	12.2483	12.1130
516-515	100YR0 1hr	0.00	-34.18	0.05	-4.84	-5.01	0.0000	0.7622	1.4287	0.7622	0.7536
516-515	100YR0 2hr	0.00	-39.17	0.04	-5.54	-5.54	0.0000	1.2550	2.1307	1.2550	1.2550
516-515	100YR0 3hr	0.00	-40.07	0.03	-5.67	-5.67	0.0000	1.7453	2.6916	1.7453	1.7453
516-515	100YR0 6hr	0.00	-43.94	0.25	-6.22	-6.22	0.0000	3.2247	23.7559	3.2247	3.2247
516-515	100YR1 2hr	0.00	-42.34	-0.45	-5.99	-5.99	0.0000	6.1900	47.5095	6.1900	6.1900
516-515	100YR2 4hr	0.00	-36.18	0.02	-5.12	-5.15	0.0000	12.1258	12.8521	12.1258	12.1121
517-516	002YR0	0.00	-8.36	-0.02	-2.25	-3.96	0.0000	0.8150	2.2476	0.8006	0.6982

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	1HR										
517-516	002YR0 2HR	0.00	-9.99	-0.03	-2.41	-4.06	0.0000	1.2969	2.9471	1.2833	1.1757
517-516	002YR0 3HR	0.00	-10.32	-0.05	-2.43	-4.03	0.0000	1.7876	4.5530	1.7755	1.6605
517-516	002YR0 6HR	0.00	-12.40	0.06	-2.61	-3.96	0.0000	3.2548	5.3252	3.2405	3.1092
517-516	002YR1 2HR	0.00	-13.88	0.09	-2.72	-3.75	0.0000	6.2133	7.7938	6.1990	6.0641
517-516	002YR2 4HR	0.00	-14.76	0.09	-2.78	-3.68	0.0000	12.1648	14.5917	12.1507	12.0797
517-516	010YR0 1Hr	0.00	-17.33	0.02	-2.97	-4.49	0.0000	0.7844	1.3809	0.7729	0.6542
517-516	010YR0 2Hr	0.00	-19.91	0.01	-3.16	-4.43	0.0000	1.2703	2.0851	1.2589	1.1261
517-516	010YR0 3Hr	0.00	-20.24	-0.10	-3.18	-4.27	0.0000	1.7610	2.9959	1.7529	1.6101
517-516	010YR0 6Hr	0.00	-23.13	-0.17	-3.41	-4.12	0.0000	3.2347	4.5324	3.2286	3.1072
517-516	010YR1 2Hr	0.00	-24.10	-0.10	-3.50	-4.14	0.0000	6.1950	9.5007	6.1900	6.1678
517-516	010YR2 4Hr	0.00	-23.29	-0.07	-3.43	-4.10	0.0000	12.1483	16.1406	12.1471	12.1423
517-516	1 1/4" 24hr	0.00	-2.64	0.00	-1.44	-3.21	0.0000	12.2294	12.0988	12.2344	12.1467
517-516	100YR0 1hr	0.00	-34.23	0.03	-4.84	-4.89	0.0000	0.7554	1.3327	0.7554	0.6172
517-516	100YR0 2hr	0.00	-39.23	0.03	-5.55	-5.55	0.0000	1.2491	2.1026	1.2491	1.2491
517-516	100YR0 3hr	0.00	-40.10	0.02	-5.67	-5.67	0.0000	1.7421	2.0080	1.7421	1.7421
517-516	100YR0 6hr	0.00	-43.99	-0.02	-6.22	-6.22	0.0000	3.2181	23.7559	3.2181	3.2181
517-516	100YR1 2hr	0.00	-42.24	-0.02	-5.98	-5.98	0.0000	6.1870	39.6746	6.1870	6.1870
517-516	100YR2 4hr	0.00	-36.39	0.03	-5.15	-5.15	0.0000	12.1241	12.3606	12.1241	12.1241
521-517	002YR0 1HR	0.00	-7.48	0.01	-1.61	-4.45	0.0000	0.8056	0.8994	0.8115	0.7949
521-517	002YR0 2HR	0.00	-8.99	0.01	-1.79	-4.59	0.0000	1.2853	1.4101	1.2882	1.2371
521-517	002YR0 3HR	0.00	-9.28	0.01	-1.82	-4.62	0.0000	1.7752	1.8984	1.7777	1.7216
521-517	002YR0 6HR	0.00	-11.15	0.01	-2.02	-4.73	0.0000	3.2430	3.3591	3.2416	3.1639

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
521-517	002YR1 2HR	0.00	-12.52	0.01	-2.14	-4.77	0.0000	6.2027	6.3020	6.1990	6.0983
521-517	002YR2 4HR	0.00	-13.39	-0.01	-2.22	-4.72	0.0000	12.1551	12.0225	12.1520	12.0097
521-517	010YR0 1Hr	0.00	-15.45	-0.01	-2.40	-4.94	0.0000	0.7749	0.6430	0.7704	0.6728
521-517	010YR0 2Hr	0.00	-17.76	-0.01	-2.60	-5.02	0.0000	1.2622	1.1303	1.2574	1.1473
521-517	010YR0 3Hr	0.00	-18.07	0.01	-2.63	-5.02	0.0000	1.7530	3.1433	1.7500	1.6335
521-517	010YR0 6Hr	0.00	-20.73	-0.01	-2.93	-5.03	0.0000	3.2258	3.0594	3.2258	3.0892
521-517	010YR1 2Hr	0.00	-21.70	-0.01	-3.07	-4.93	0.0000	6.1863	6.0215	6.1863	6.0208
521-517	010YR2 4Hr	0.00	-21.03	0.01	-2.98	-4.75	0.0000	12.1381	12.6195	12.1381	11.9024
521-517	1 1/4" 24hr	0.00	-2.33	0.00	-0.85	-3.25	0.0000	12.2122	12.0494	12.2130	12.2167
521-517	100YR0 1hr	0.00	-30.29	-0.01	-4.29	-5.35	0.0000	0.7597	0.6136	0.7597	0.6237
521-517	100YR0 2hr	0.00	-34.85	0.01	-4.93	-5.33	0.0000	1.2512	2.0860	1.2512	1.0942
521-517	100YR0 3hr	0.00	-35.66	0.02	-5.05	-5.25	0.0000	1.7463	2.6351	1.7463	1.5758
521-517	100YR0 6hr	0.00	-39.28	0.02	-5.56	-5.56	0.0000	3.2193	3.5589	3.2193	3.2193
521-517	100YR1 2hr	0.00	-37.82	0.02	-5.35	-5.35	0.0000	6.1880	6.5416	6.1880	6.1880
521-517	100YR2 4hr	0.00	-32.87	0.02	-4.65	-4.69	0.0000	12.1263	12.7764	12.1263	11.7534
522-521	002YR0 1HR	0.00	-3.42	0.00	-1.25	-2.93	0.0000	0.8604	0.8006	0.9128	1.3181
522-521	002YR0 2HR	0.00	-4.17	0.00	-1.37	-3.14	0.0000	1.3446	1.2952	1.3887	2.1864
522-521	002YR0 3HR	0.00	-4.34	0.00	-1.39	-3.24	0.0000	1.8359	1.7878	1.8835	3.0970
522-521	002YR0 6HR	0.00	-5.28	-0.01	-1.52	-3.40	0.0000	3.3170	3.2556	3.3647	4.6723
522-521	002YR1 2HR	0.00	-6.08	-0.01	-1.62	-3.49	0.0000	6.2797	6.2169	6.3298	8.6300
522-521	002YR2 4HR	0.00	-6.98	-0.01	-1.75	-3.58	0.0000	12.2281	12.1702	12.2850	15.3378
522-521	010YR0 1Hr	0.00	-6.91	-0.01	-1.69	-3.31	0.0000	0.8421	0.7868	0.9716	1.7587
522-521	010YR0	0.00	-7.85	-0.01	-1.78	-3.47	0.0000	1.3294	1.2703	1.4590	3.2335

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2Hr										
522-521	010YR0 3Hr	0.00	-8.04	-0.01	-1.80	-3.52	0.0000	1.8208	1.7642	1.9512	4.1366
522-521	010YR0 6Hr	0.00	-9.27	-0.01	-1.93	-3.69	0.0000	3.2896	3.2372	3.4125	6.8506
522-521	010YR1 2Hr	0.00	-9.94	-0.01	-2.03	-3.79	0.0000	6.2373	6.1980	6.3385	12.3447
522-521	010YR2 4Hr	0.00	-10.43	-0.01	-2.13	-3.76	0.0000	12.2400	12.1471	12.2616	24.2983
522-521	1 1/4" 24hr	0.00	-1.00	0.00	-0.77	-2.46	0.0000	12.2539	12.0730	12.2678	12.4205
522-521	100YR0 1hr	0.00	-13.73	-0.01	-2.80	-3.17	0.0000	0.8195	0.7691	0.8195	3.0008
522-521	100YR0 2hr	0.00	-16.36	0.01	-3.33	-3.86	0.0000	1.3212	1.7365	1.3212	5.2360
522-521	100YR0 3hr	0.00	-16.88	0.01	-3.44	-3.86	0.0000	1.8166	2.1864	1.8166	6.3798
522-521	100YR0 6hr	0.00	-18.82	0.01	-3.83	-3.83	0.0000	3.3046	3.6834	3.3046	3.3046
522-521	100YR1 2hr	0.00	-18.24	0.01	-3.72	-3.80	0.0000	6.2476	6.6298	6.2476	13.6583
522-521	100YR2 4hr	0.00	-15.66	0.01	-3.19	-3.81	0.0000	12.1785	12.7106	12.1785	24.6899
523-522	002YR0 1HR	0.00	-1.22	0.00	-0.83	-2.73	0.0000	0.9564	0.8263	1.1322	1.2511
523-522	002YR0 2HR	0.00	-1.51	-0.01	-0.95	-3.03	0.0000	1.4365	1.3104	2.4959	2.5076
523-522	002YR0 3HR	0.00	-1.68	0.00	-1.04	-3.19	0.0000	3.2104	1.8036	3.2117	3.2131
523-522	002YR0 6HR	0.00	-2.15	-0.01	-1.18	-3.41	0.0000	6.0311	3.2637	6.0396	6.0461
523-522	002YR1 2HR	0.00	-2.44	-0.01	-1.26	-3.53	0.0000	9.9824	6.2223	9.9970	9.9970
523-522	002YR2 4HR	0.00	-2.84	-0.01	-1.33	-3.64	0.0000	12.3729	12.1870	15.3230	15.1817
523-522	010YR0 1Hr	0.63	-2.70	-0.04	-1.27	-3.44	0.6931	1.0554	0.7955	1.2665	1.5554
523-522	010YR0 2Hr	1.05	-3.03	-0.03	-1.37	-3.64	1.1830	1.5689	1.2785	2.0628	2.5475
523-522	010YR0 3Hr	1.08	-3.10	-0.03	-1.41	-3.70	1.6859	2.0532	1.7705	3.0432	3.4833
523-522	010YR0 6Hr	1.77	-3.52	-0.04	-1.52	-3.87	3.1876	3.5335	3.2413	6.0019	6.4397
523-522	010YR1 2Hr	1.76	-3.80	-0.03	-1.57	-3.88	6.1336	6.4746	6.2015	8.9400	14.1856

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
523-522	010YR2 4Hr	0.60	-3.99	-0.04	-1.61	-3.88	12.0984	12.3910	12.1537	14.5768	25.2002
523-522	1 1/4" 24hr	0.00	-0.45	0.00	-0.53	-2.25	0.0000	19.9461	12.0988	19.9592	19.9822
523-522	100YR0 1hr	4.26	-4.10	-0.02	-1.53	-3.90	0.6743	1.1098	0.7757	2.1308	2.7479
523-522	100YR0 2hr	4.86	-4.41	-0.02	-1.66	-3.95	1.1890	1.5563	1.2683	3.3139	4.2217
523-522	100YR0 3hr	4.99	-4.59	0.01	-1.71	-3.93	1.6781	3.2860	1.5778	4.1338	5.0827
523-522	100YR0 6hr	5.72	-5.41	-0.01	-1.87	-3.91	3.1534	6.0249	3.2809	6.4889	7.6147
523-522	100YR1 2hr	4.43	-5.97	-0.01	-2.01	-3.91	6.1204	10.1584	6.1978	10.3675	12.7219
523-522	100YR2 4hr	1.93	-5.79	-0.04	-1.98	-3.89	12.0880	15.7968	12.1580	16.5685	26.3991
524-523	002YR0 1HR	0.00	-1.25	0.00	-1.54	-2.92	0.0000	0.6969	0.8401	0.6991	0.6827
524-523	002YR0 2HR	0.00	-1.42	-0.01	-1.61	-3.02	0.0000	1.1689	1.3253	1.1706	1.1546
524-523	002YR0 3HR	0.00	-1.68	-0.01	-1.62	-3.03	0.0000	3.1709	1.8132	1.6551	1.6384
524-523	002YR0 6HR	0.00	-2.15	-0.01	-1.69	-3.14	0.0000	5.9787	3.2766	3.0991	3.0824
524-523	002YR1 2HR	0.00	-2.44	-0.02	-1.73	-3.01	0.0000	9.9030	6.2372	9.8403	6.0051
524-523	002YR2 4HR	0.00	-2.72	-0.02	-1.79	-2.61	0.0000	15.2797	12.1965	13.2686	11.8415
524-523	010YR0 1Hr	0.00	-2.51	-0.04	-1.90	-3.43	0.0000	1.0563	0.7963	0.6361	0.6234
524-523	010YR0 2Hr	0.39	-2.89	-0.03	-1.98	-3.54	1.2382	2.0203	1.2794	1.1097	1.0972
524-523	010YR0 3Hr	0.48	-3.02	-0.03	-1.98	-3.53	1.7337	3.0202	1.7699	1.5926	1.5790
524-523	010YR0 6Hr	1.29	-3.47	-0.04	-2.00	-3.41	3.1896	5.9664	3.2415	3.0522	3.0299
524-523	010YR1 2Hr	1.20	-3.72	-0.03	-1.98	-2.86	6.1405	9.8578	6.2022	8.8683	5.9117
524-523	010YR2 4Hr	0.27	-3.90	-0.03	-2.01	-2.30	12.1002	15.2627	12.1581	15.2026	14.8745
524-523	1 1/4" 24hr	0.00	-0.47	0.00	-1.06	-2.28	0.0000	12.0757	11.9739	19.8744	12.0770
524-523	100YR0 1hr	2.86	-4.01	-0.04	-2.33	-4.00	0.6781	0.5967	0.7760	0.5962	0.5860
524-523	100YR0	3.42	-4.31	-0.02	-2.39	-3.98	1.2005	1.0711	1.2712	1.0682	1.0545



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	2hr										
524-523	100YR0 3hr	3.52	-4.49	-0.04	-2.31	-3.74	1.6881	3.2905	1.7636	1.5510	1.5316
524-523	100YR0 6hr	4.07	-5.38	-0.02	-2.19	-2.45	3.1690	6.0090	3.2400	6.6400	6.7371
524-523	100YR1 2hr	3.17	-5.97	-0.02	-2.29	-2.53	6.1361	10.2614	6.2011	10.5653	10.9233
524-523	100YR2 4hr	1.34	-5.79	-0.09	-2.27	-2.51	12.1019	16.2546	12.1591	16.7413	16.8838
525-524	002YR0 1HR	0.11	-1.01	-0.01	-1.45	-2.36	0.5608	0.7362	0.5667	0.7187	1.5154
525-524	002YR0 2HR	0.06	-1.39	0.01	-1.65	-2.35	1.0424	2.4384	1.0363	2.4602	2.3741
525-524	002YR0 3HR	0.00	-1.68	0.01	-1.74	-2.37	0.0000	3.1598	1.5317	3.1525	3.1364
525-524	002YR0 6HR	0.00	-2.13	-0.01	-1.86	-2.40	0.0000	6.0474	3.2849	6.0979	6.4116
525-524	002YR1 2HR	0.00	-2.42	-0.01	-1.93	-2.42	0.0000	9.9547	6.2404	10.0399	12.1492
525-524	002YR2 4HR	0.00	-2.69	-0.01	-1.99	-2.46	0.0000	15.3508	12.2072	15.3754	13.3839
525-524	010YR0 1Hr	0.35	-2.37	-0.02	-1.89	-2.42	0.5477	1.1237	0.7968	1.3815	1.4088
525-524	010YR0 2Hr	0.51	-2.83	-0.03	-2.01	-2.50	1.2552	2.0910	1.2800	2.2830	2.3329
525-524	010YR0 3Hr	0.60	-2.97	-0.04	-2.06	-2.52	1.7427	3.0833	1.7704	3.1217	3.2255
525-524	010YR0 6Hr	1.24	-3.43	-0.03	-2.15	-2.58	3.1976	6.0522	3.2406	6.1026	6.1222
525-524	010YR1 2Hr	1.19	-3.68	-0.03	-2.20	-2.61	6.1424	9.9699	6.2009	10.0290	10.0668
525-524	010YR2 4Hr	0.45	-3.87	-0.02	-2.23	-2.63	12.0843	15.3065	12.1566	15.3492	15.4020
525-524	1 1/4" 24hr	0.00	-0.45	0.00	-1.08	-2.29	0.0000	19.8711	11.9739	19.9569	19.9569
525-524	100YR0 1hr	2.47	-3.69	-0.02	-2.17	-2.60	0.6768	1.1891	0.7774	2.1895	2.2748
525-524	100YR0 2hr	2.95	-4.19	-0.02	-2.29	-2.68	1.2092	2.7360	1.4343	3.4130	3.4636
525-524	100YR0 3hr	3.05	-4.43	-0.02	-2.33	-2.72	1.7037	3.5946	1.9283	4.2441	4.3286
525-524	100YR0 6hr	3.50	-5.32	-0.02	-2.48	-2.82	3.1806	6.0874	3.4127	6.5623	6.7294
525-524	100YR1 2hr	2.91	-5.92	-0.02	-2.62	-2.90	6.1412	10.1110	6.3667	10.3674	10.7564

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
525-524	100YR2 4hr	1.55	-5.75	-0.06	-2.58	-2.88	12.0896	16.3293	12.1587	16.6224	16.8432
526-525	002YR0 1HR	0.29	-0.91	0.00	1.19	-2.77	0.6762	1.7066	0.7316	0.6715	1.7211
526-525	002YR0 2HR	0.35	-1.38	0.00	1.25	-3.10	1.1537	2.4940	1.3593	1.1485	2.5457
526-525	002YR0 3HR	0.35	-1.65	0.00	-1.27	-3.25	1.6398	3.4015	3.0236	3.4090	3.4170
526-525	002YR0 6HR	0.40	-2.08	-0.01	-1.43	-3.36	3.0970	6.1971	3.2867	6.0920	8.5370
526-525	002YR1 2HR	0.59	-2.38	-0.02	-1.52	-3.37	6.1628	10.2802	6.2530	10.3317	17.0531
526-525	002YR2 4HR	0.22	-2.65	-0.01	-1.61	-3.36	12.1000	15.5352	12.2247	15.6641	28.8667
526-525	010YR0 1Hr	1.48	-2.22	-0.03	1.50	-3.29	0.7565	1.5931	0.8875	0.6247	2.9975
526-525	010YR0 2Hr	2.21	-2.71	-0.02	-1.62	-3.23	1.2454	2.4462	1.3866	2.4523	6.0009
526-525	010YR0 3Hr	2.31	-2.87	-0.02	-1.67	-3.24	1.7373	3.3877	1.8761	3.3947	8.9986
526-525	010YR0 6Hr	3.07	-3.36	-0.02	-1.80	-3.17	3.1985	6.2627	3.3557	6.2827	11.9969
526-525	010YR1 2Hr	3.00	-3.62	-0.02	-1.86	-3.23	6.1477	10.2078	6.3043	10.5275	23.9983
526-525	010YR2 4Hr	2.18	-3.81	-0.03	-1.90	-3.36	12.1009	15.9787	12.2195	16.7093	39.5842
526-525	1 1/4" 24hr	0.02	-0.44	0.00	-0.68	-2.28	12.1042	20.2186	12.1878	20.3275	20.4114
526-525	100YR0 1hr	5.01	-3.55	-0.03	2.14	-3.15	0.7173	1.7145	0.9332	0.6711	2.3430
526-525	100YR0 2hr	5.94	-4.15	-0.03	2.47	-3.14	1.2105	2.8701	1.4333	1.2105	3.5521
526-525	100YR0 3hr	6.03	-4.40	-0.04	2.51	-3.14	1.7023	3.7278	1.9261	1.7023	4.3638
526-525	100YR0 6hr	6.57	-5.23	-0.04	2.73	-3.36	3.1824	6.2960	3.4127	3.1824	36.0000
526-525	100YR1 2hr	5.85	-5.84	-0.04	2.43	-3.36	6.1444	10.2872	6.3667	6.1444	43.1584
526-525	100YR2 4hr	4.19	-5.66	-0.02	-2.36	-3.23	12.0952	16.5985	12.2918	16.6349	47.9985
539-Lake4	002YR0 1HR	37.50	0.00	-0.46	3.38	6.35	0.8669	0.0000	2.2775	0.8673	0.8682
539-Lake4	002YR0 2HR	43.70	0.00	0.76	3.55	6.60	1.3403	0.0000	2.9692	1.3409	1.3409
539-Lake4	002YR0	44.82	0.00	-0.80	3.56	6.72	1.8299	0.0000	3.6562	1.8305	1.8305

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
e4	3HR										
539-Lak e4	002YR0 6HR	53.13	0.00	-0.87	3.79	7.01	3.2894	0.0000	6.7098	3.2897	3.2905
539-Lak e4	002YR1 2HR	58.10	0.00	-0.82	3.91	7.27	6.2453	0.0000	12.9308	6.2272	6.2273
539-Lak e4	002YR2 4HR	59.47	0.00	-0.79	3.93	7.30	12.1890	0.0000	25.3242	12.1892	12.1900
539-Lak e4	010YR0 1Hr	75.05	0.00	-1.05	4.32	7.83	0.8076	0.0000	1.8833	0.8078	0.8079
539-Lak e4	010YR0 2Hr	85.74	0.00	-1.14	4.61	8.18	1.2858	0.0000	2.7802	1.2858	1.2859
539-Lak e4	010YR0 3Hr	86.80	0.00	-1.11	4.65	8.21	1.7747	0.0000	3.8973	1.7748	1.7749
539-Lak e4	010YR0 6Hr	96.23	0.00	-1.08	4.94	8.56	3.2458	0.0000	6.7950	3.2459	3.2718
539-Lak e4	010YR1 2Hr	97.20	0.00	-0.61	4.97	8.63	6.2082	0.0000	19.0134	6.2082	6.2082
539-Lak e4	010YR2 4Hr	92.10	0.00	0.63	4.79	8.45	12.1592	0.0000	47.1624	12.1593	12.1592
539-Lak e4	1 1/4" 24hr	13.09	0.00	0.04	2.53	4.73	12.2675	0.0000	12.4597	12.2689	12.2689
539-Lak e4	100YR0 1hr	126.30	0.00	-1.32	6.43	9.50	0.7385	0.0000	2.0628	0.7385	0.7460
539-Lak e4	100YR0 2hr	133.75	0.00	1.35	6.81	9.71	1.2216	0.0000	3.0399	1.2216	1.2216
539-Lak e4	100YR0 3hr	134.28	0.00	-1.38	6.84	9.75	1.7125	0.0000	3.8940	1.7125	1.7125
539-Lak e4	100YR0 6hr	138.86	0.00	-0.92	7.07	9.84	3.1891	0.0000	6.9466	3.1891	3.1891
539-Lak e4	100YR1 2hr	134.13	0.00	-0.57	6.83	9.74	6.1548	0.0000	40.5464	6.1548	6.1548
539-Lak e4	100YR2 4hr	124.15	0.00	0.54	6.32	9.46	12.1011	0.0000	12.1112	12.1011	12.1012
540-539	002YR0 1HR	37.11	0.00	-0.66	3.29	3.96	0.8593	0.0000	2.2756	0.8248	0.6213
540-539	002YR0 2HR	43.24	0.00	-1.23	3.44	3.89	1.3313	2.9692	2.9692	1.3124	1.0967
540-539	002YR0 3HR	44.35	0.00	1.58	3.47	3.70	1.8220	4.9114	3.6562	1.7941	1.7941
540-539	002YR0 6HR	52.55	0.00	1.52	3.65	3.88	3.2817	0.0000	6.7640	3.2686	3.2632
540-539	002YR1 2HR	57.61	0.00	1.41	3.78	4.01	6.2273	0.0000	12.5676	6.2260	6.2218
540-539	002YR2 4HR	58.78	0.00	1.46	3.79	4.03	12.1821	39.0953	25.3242	12.1480	12.1480

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
540-539	010YR0 1Hr	74.15	0.00	1.94	4.16	4.38	0.8010	0.0000	1.8833	0.7929	0.7878
540-539	010YR0 2Hr	84.62	0.00	2.40	4.45	4.64	1.2804	0.0000	2.7356	1.2757	1.2734
540-539	010YR0 3Hr	85.67	0.00	2.24	4.48	4.66	1.7688	0.0000	3.8454	1.7673	1.7644
540-539	010YR0 6Hr	94.93	0.00	2.36	4.83	4.93	3.2382	0.0000	6.7950	3.2382	3.2330
540-539	010YR1 2Hr	95.91	0.00	1.69	4.88	4.95	6.2009	0.0000	12.8368	6.2009	6.1896
540-539	010YR2 4Hr	90.92	0.00	1.68	4.65	4.80	12.1512	58.1623	24.7917	12.1501	12.1403
540-539	1 1/4" 24hr	12.96	0.00	0.02	2.53	2.76	12.2550	0.0000	12.0541	12.2269	12.2080
540-539	100YR0 1hr	123.87	0.00	3.65	6.31	6.31	0.7365	0.0000	1.8818	0.7365	0.7365
540-539	100YR0 2hr	130.96	0.00	4.39	6.67	6.67	1.2189	0.0000	2.7163	1.2189	1.2189
540-539	100YR0 3hr	131.47	0.00	3.80	6.70	6.70	1.7143	0.0000	3.8022	1.7143	1.7143
540-539	100YR0 6hr	135.87	0.00	3.14	6.92	6.92	3.1877	0.0000	6.9466	3.1877	3.1877
540-539	100YR1 2hr	131.43	0.00	1.41	6.69	6.69	6.1516	0.0000	12.8580	6.1516	6.1516
540-539	100YR2 4hr	121.70	0.00	-0.10	6.20	6.20	12.1055	0.0000	12.1866	12.1055	12.1055
541-540	002YR0 1HR	36.89	0.00	0.15	3.26	3.73	0.8500	0.0000	2.5184	0.8092	0.6002
541-540	002YR0 2HR	42.98	0.00	0.41	3.39	3.65	1.3247	0.0000	3.2968	1.2907	1.1296
541-540	002YR0 3HR	44.10	0.00	0.40	3.42	3.62	1.8118	0.0000	4.0753	1.7832	1.6163
541-540	002YR0 6HR	52.22	0.00	0.39	3.58	3.77	3.2752	0.0000	6.9437	3.2523	3.2455
541-540	002YR1 2HR	57.26	0.00	-0.26	3.69	3.88	6.2275	0.0000	12.9308	6.2165	6.2011
541-540	002YR2 4HR	58.35	0.00	-0.20	3.71	3.90	12.1753	0.0000	25.3242	12.1483	12.1482
541-540	010YR0 1Hr	73.65	0.00	0.75	4.07	4.25	0.7940	0.0000	1.8842	0.7846	0.7840
541-540	010YR0 2Hr	83.90	0.00	1.04	4.34	4.49	1.2749	0.0000	2.7807	1.2690	1.2669
541-540	010YR0 3Hr	84.92	0.00	0.94	4.37	4.51	1.7668	0.0000	3.8979	1.7621	1.7536
541-540	010YR0	94.02	0.00	-0.75	4.79	4.80	3.2352	0.0000	6.7950	3.2352	3.2336

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	6Hr										
541-540	010YR1 2Hr	95.00	0.00	-0.30	4.84	4.84	6.2001	0.0000	12.8368	6.2001	6.1967
541-540	010YR2 4Hr	90.08	0.00	-0.31	4.59	4.65	12.1501	0.0000	24.7917	12.1501	12.1416
541-540	1 1/4" 24hr	12.90	0.00	0.02	2.56	2.85	12.2450	0.0000	12.0541	12.2058	12.0988
541-540	100YR0 1hr	122.22	0.00	2.07	6.22	6.22	0.7342	0.0000	1.9242	0.7342	0.7342
541-540	100YR0 2hr	129.08	0.00	2.74	6.57	6.57	1.2171	0.0000	2.7166	1.2171	1.2171
541-540	100YR0 3hr	129.55	0.00	2.32	6.60	6.60	1.7062	0.0000	3.8048	1.7062	1.7062
541-540	100YR0 6hr	133.85	0.00	-1.35	6.82	6.82	3.1839	0.0000	6.6383	3.1839	3.1839
541-540	100YR1 2hr	129.59	0.00	0.35	6.60	6.60	6.1506	0.0000	13.1241	6.1506	6.1506
541-540	100YR2 4hr	120.16	0.00	-0.05	6.12	6.12	12.1038	0.0000	12.1868	12.1038	12.1038
549-541	002YR0 1HR	27.42	0.00	0.02	2.70	2.75	0.8778	0.0000	0.8056	0.9030	0.9309
549-541	002YR0 2HR	31.64	0.00	0.03	2.80	2.85	1.3570	0.0000	1.3393	1.3848	1.3897
549-541	002YR0 3HR	32.39	0.00	0.03	2.82	2.87	1.8469	0.0000	1.8263	1.8906	1.8916
549-541	002YR0 6HR	37.62	0.00	0.02	2.93	2.98	3.3104	0.0000	3.2877	3.3535	3.3574
549-541	002YR1 2HR	40.63	0.00	0.03	2.99	3.04	6.2630	0.0000	6.2431	6.3161	6.3170
549-541	002YR2 4HR	41.43	0.00	0.02	3.00	3.05	12.2092	0.0000	12.1876	12.2762	12.2772
549-541	010YR0 1Hr	50.93	0.00	0.03	3.25	3.30	0.8283	0.0000	0.8050	0.8546	0.8584
549-541	010YR0 2Hr	57.28	0.00	-0.05	3.60	3.60	1.3140	0.0000	2.7585	1.3140	1.3140
549-541	010YR0 3Hr	57.96	0.00	-0.05	3.64	3.64	1.8048	0.0000	3.9532	1.8048	1.8048
549-541	010YR0 6Hr	63.91	0.00	0.03	4.02	4.02	3.2724	0.0000	3.1536	3.2724	3.2724
549-541	010YR1 2Hr	64.81	0.00	0.04	4.07	4.07	6.2449	0.0000	6.1031	6.2449	6.2449
549-541	010YR2 4Hr	61.89	0.00	0.03	3.89	3.89	12.1904	0.0000	12.1590	12.1904	12.1904
549-541	1 1/4" 24hr	9.67	0.00	0.01	2.21	2.27	12.2808	0.0000	12.0988	12.3119	12.3255

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
549-541	100YR0 1hr	74.31	0.00	-0.16	4.67	4.67	0.8590	0.0000	2.0540	0.8590	0.8590
549-541	100YR0 2hr	76.56	0.00	-0.23	4.81	4.81	1.3858	0.0000	2.7166	1.3858	1.3858
549-541	100YR0 3hr	76.77	0.00	-0.16	4.83	4.83	1.8831	0.0000	3.8944	1.8831	1.8831
549-541	100YR0 6hr	77.82	0.00	0.08	4.89	4.89	3.3867	0.0000	3.0712	3.3867	3.3867
549-541	100YR1 2hr	77.68	0.00	0.05	4.88	4.88	6.3707	0.0000	6.0178	6.3707	6.3707
549-541	100YR2 4hr	75.48	0.00	0.03	4.75	4.75	12.2521	0.0000	11.9414	12.2521	12.2521
568-549	002YR0 1HR	22.17	-0.89	0.03	2.65	2.54	0.8861	0.6093	0.8358	0.9412	0.9397
568-549	002YR0 2HR	25.49	-0.74	0.03	2.72	2.64	1.3703	1.0845	1.3185	1.4256	1.4152
568-549	002YR0 3HR	26.07	-0.31	0.03	2.74	2.65	1.8607	1.5558	1.8319	1.9207	1.9152
568-549	002YR0 6HR	29.99	0.00	0.03	2.83	2.77	3.3331	0.0000	3.2910	3.4025	3.3978
568-549	002YR1 2HR	32.07	0.00	0.02	2.90	2.85	6.2972	0.0000	6.2451	6.3720	6.3706
568-549	002YR2 4HR	32.52	0.00	0.03	2.92	2.87	12.2363	0.0000	12.1924	12.3360	12.3350
568-549	010YR0 1Hr	39.69	-1.35	0.03	3.16	3.16	0.8550	0.5814	0.8085	0.8550	0.8550
568-549	010YR0 2Hr	44.71	-0.08	0.03	3.56	3.56	1.3492	1.0214	1.2902	1.3492	1.3492
568-549	010YR0 3Hr	45.18	0.00	0.03	3.60	3.60	1.8458	0.0000	1.7810	1.8458	1.8458
568-549	010YR0 6Hr	49.40	0.00	0.02	3.93	3.93	3.3151	0.0000	3.2551	3.3151	3.3151
568-549	010YR1 2Hr	49.71	0.00	0.03	3.96	3.96	6.2826	0.0000	6.2152	6.2826	6.2826
568-549	010YR2 4Hr	47.88	0.00	0.02	3.81	3.81	12.2350	0.0000	12.1649	12.2350	12.2350
568-549	1 1/4" 24hr	7.91	0.00	0.01	2.37	2.16	12.2905	0.0000	12.0988	12.3300	12.3303
568-549	100YR0 1hr	56.21	-1.34	-0.13	4.47	4.47	0.8705	0.5463	0.6588	0.8705	0.8705
568-549	100YR0 2hr	61.13	0.00	-0.13	4.86	4.86	1.4319	0.0000	1.1270	1.4319	1.4319
568-549	100YR0 3hr	61.64	0.00	-0.11	4.91	4.91	1.9306	0.0000	1.6113	1.9306	1.9306
568-549	100YR0	64.09	0.00	-0.07	5.10	5.10	3.4630	0.0000	3.0711	3.4630	3.4630

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
	6hr										
568-549	100YR1 2hr	63.81	0.00	0.03	5.08	5.08	6.3901	0.0000	6.1632	6.3901	6.3901
568-549	100YR2 4hr	57.66	0.00	0.02	4.59	4.59	12.2570	0.0000	12.1205	12.2570	12.2570
569-568	002YR0 1HR	21.89	0.00	0.02	2.61	2.71	0.8761	0.0000	0.8056	0.8924	0.8984
569-568	002YR0 2HR	25.11	0.00	0.02	2.68	2.77	1.3608	0.0000	1.3185	1.3910	1.4034
569-568	002YR0 3HR	25.67	0.00	0.02	2.69	2.78	1.8519	0.0000	1.8353	1.8977	1.9071
569-568	002YR0 6HR	29.43	0.00	0.03	2.77	2.85	3.3257	0.0000	3.2955	3.3869	3.3983
569-568	002YR1 2HR	31.40	0.00	0.03	2.83	2.91	6.2826	0.0000	6.2476	6.3677	6.3720
569-568	002YR2 4HR	31.91	0.00	0.05	2.85	2.94	12.2281	0.0000	12.1945	12.3326	12.3362
569-568	010YR0 1Hr	39.06	0.00	0.04	3.11	3.11	0.8540	0.0000	0.8144	0.8540	0.8540
569-568	010YR0 2Hr	43.87	0.00	0.04	3.49	3.49	1.3495	0.0000	1.2938	1.3495	1.3495
569-568	010YR0 3Hr	44.32	0.00	0.05	3.53	3.53	1.8436	0.0000	1.7856	1.8436	1.8436
569-568	010YR0 6Hr	48.38	0.00	0.04	3.85	3.85	3.3146	0.0000	3.2577	3.3146	3.3146
569-568	010YR1 2Hr	48.65	0.00	0.04	3.87	3.87	6.2808	0.0000	6.2193	6.2808	6.2808
569-568	010YR2 4Hr	46.95	0.00	0.04	3.74	3.74	12.2344	0.0000	12.1722	12.2344	12.2344
569-568	1 1/4" 24hr	7.83	0.00	0.01	2.36	2.78	12.2805	0.0000	12.0988	12.2817	11.9459
569-568	100YR0 1hr	54.95	0.00	0.04	4.37	4.37	0.8689	0.0000	0.6496	0.8689	0.8689
569-568	100YR0 2hr	60.07	0.00	0.05	4.78	4.78	1.4281	0.0000	1.2422	1.4281	1.4281
569-568	100YR0 3hr	60.61	0.00	0.05	4.82	4.82	1.9304	0.0000	1.7298	1.9304	1.9304
569-568	100YR0 6hr	62.97	0.00	0.05	5.01	5.01	3.4586	0.0000	3.2116	3.4586	3.4586
569-568	100YR1 2hr	62.63	0.00	0.06	4.98	4.98	6.3881	0.0000	6.1724	6.3881	6.3881
569-568	100YR2 4hr	56.24	0.00	0.03	4.48	4.48	12.2555	0.0000	11.9045	12.2555	12.2555
Aries Blvd	002YR0 1HR	0.82	-0.86	0.02	1.58	2.41	1.4315	0.7882	0.9343	1.3014	1.4464

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
AriesBlvd	002YR0 2HR	1.03	-1.18	0.02	1.68	2.54	2.2959	1.2692	1.4435	2.1586	2.3352
AriesBlvd	002YR0 3HR	1.08	-1.21	0.01	1.70	2.56	3.2306	1.7685	1.9481	3.1217	3.2721
AriesBlvd	002YR0 6HR	1.27	-1.58	0.02	1.79	2.65	5.2436	3.2504	3.4549	5.1711	5.6689
AriesBlvd	002YR1 2HR	1.42	-1.88	0.02	1.85	2.71	8.0627	6.1996	6.4210	7.8239	8.7832
AriesBlvd	002YR2 4HR	1.51	-2.05	0.02	1.89	2.75	14.1809	12.1516	12.3588	13.7262	14.8011
AriesBlvd	010YR0 1Hr	1.58	-2.92	0.01	1.89	2.76	1.2483	0.7669	1.0395	1.3987	1.5392
AriesBlvd	010YR0 2Hr	1.85	-3.70	0.02	2.00	2.86	2.1589	1.2502	1.5361	2.3065	2.4869
AriesBlvd	010YR0 3Hr	1.92	-3.80	0.02	2.03	2.89	3.1891	1.7341	2.0259	3.2246	3.3871
AriesBlvd	010YR0 6Hr	2.21	-4.57	0.01	2.11	2.96	5.2030	3.2016	3.5070	5.3021	6.2762
AriesBlvd	010YR1 2Hr	2.42	-4.72	0.02	2.16	2.98	7.3068	6.1581	6.4563	8.4294	10.2890
AriesBlvd	010YR2 4Hr	2.65	-4.41	0.37	2.20	3.02	14.2447	12.1173	12.7557	15.1497	16.1411
AriesBlvd	1 1/4" 24hr	0.32	0.00	0.00	1.19	2.03	0.1262	0.0000	0.0784	0.1262	0.1042
AriesBlvd	100YR0 1hr	2.70	-5.88	0.07	2.21	3.04	1.7511	0.6722	1.0756	2.2100	2.4455
AriesBlvd	100YR0 2hr	3.18	-6.15	0.11	2.34	3.14	3.2088	1.1397	1.6824	3.5939	3.8227
AriesBlvd	100YR0 3hr	3.35	-6.16	-0.75	2.38	3.17	4.1568	1.6263	2.5003	4.5283	4.7264
AriesBlvd	100YR0 6hr	3.78	-6.10	1.58	2.48	3.25	7.1392	3.0877	4.1311	7.3482	7.5241
AriesBlvd	100YR1 2hr	3.84	-5.67	1.30	2.49	3.25	11.4132	6.0391	7.3253	12.3508	12.5848
AriesBlvd	100YR2 4hr	3.86	-5.06	-1.42	2.49	3.22	17.3196	11.9852	13.4897	17.5374	18.6491
EX3-Ex2 42"	002YR0 1HR	9.89	0.00	-0.01	3.07	2.18	0.8245	0.0000	0.8473	0.6790	0.6964
EX3-Ex2 42"	002YR0 2HR	11.63	0.00	-0.01	3.12	2.26	1.3012	0.0000	1.4101	1.1586	1.1861
EX3-Ex2 42"	002YR0 3HR	12.03	0.00	-0.01	3.12	2.27	1.8038	0.0000	1.8984	1.6468	1.7166
EX3-Ex2 42"	002YR0 6HR	14.68	0.00	-0.04	3.08	2.39	3.2712	0.0000	11.8428	3.1131	3.1987
EX3-Ex2	002YR1	16.71	0.00	-0.05	2.95	2.46	6.2249	0.0000	12.2680	6.0368	6.2011



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
42"	2HR										
EX3-Ex2 42"	002YR2 4HR	17.45	0.00	0.37	2.93	2.48	12.1692	0.0000	13.0171	12.2474	12.1507
EX3-Ex2 42"	010YR0 1Hr	21.25	0.00	-0.01	3.27	2.75	0.7944	0.0000	0.8089	0.6434	0.7412
EX3-Ex2 42"	010YR0 2Hr	24.99	0.00	-0.01	3.28	2.90	1.2756	0.0000	1.2867	1.1929	1.2083
EX3-Ex2 42"	010YR0 3Hr	25.50	0.00	-0.01	3.28	2.92	1.7644	0.0000	1.7789	1.6845	1.7516
EX3-Ex2 42"	010YR0 6Hr	29.31	0.00	0.01	3.29	3.12	3.2381	0.0000	3.1146	3.2033	3.2221
EX3-Ex2 42"	010YR1 2Hr	29.90	0.00	-0.10	3.30	3.15	6.2034	0.0000	7.2230	6.1600	6.2008
EX3-Ex2 42"	010YR2 4Hr	29.18	0.00	-0.78	3.34	3.16	12.1573	0.0000	12.8471	12.1759	12.1713
EX3-Ex2 42"	1 1/4" 24hr	3.62	0.00	0.01	2.69	1.72	12.2269	0.0000	12.0988	12.1419	0.3334
EX3-Ex2 42"	100YR0 1hr	32.60	0.00	-1.11	3.66	3.47	0.7996	0.0000	1.8213	0.6731	0.6736
EX3-Ex2 42"	100YR0 2hr	33.86	0.00	-2.74	3.68	3.53	1.4907	0.0000	2.4659	1.1382	1.5133
EX3-Ex2 42"	100YR0 3hr	34.33	0.00	-2.53	3.64	3.57	1.9704	0.0000	3.3717	1.9953	1.9780
EX3-Ex2 42"	100YR0 6hr	35.99	0.00	-2.36	3.74	3.74	3.3821	0.0000	5.1023	3.3821	3.3821
EX3-Ex2 42"	100YR1 2hr	36.12	0.00	1.97	3.75	3.75	6.2921	0.0000	7.4260	6.2921	6.2921
EX3-Ex2 42"	100YR2 4hr	35.03	0.00	2.94	3.64	3.64	12.1499	0.0000	13.0717	12.1499	12.1499
EX8-Ex9 24"	002YR0 1HR	0.86	-0.92	0.02	2.41	2.07	1.1669	0.7552	0.9282	1.4415	0.1570
EX8-Ex9 24"	002YR0 2HR	1.03	-1.28	0.02	2.54	2.14	2.2506	1.2361	1.4459	2.3222	2.9075
EX8-Ex9 24"	002YR0 3HR	1.08	-1.35	0.02	2.57	2.17	3.2077	1.7337	1.9439	3.2634	3.8141
EX8-Ex9 24"	002YR0 6HR	1.27	-1.71	0.02	2.65	2.26	5.2538	3.2010	3.4503	5.6595	6.8068
EX8-Ex9 24"	002YR1 2HR	1.42	-2.04	0.02	2.72	2.25	8.0822	6.1673	6.4225	8.7743	12.7500
EX8-Ex9 24"	002YR2 4HR	1.52	-2.14	0.02	2.75	2.08	12.9670	12.1188	12.3606	14.7800	24.6695
EX8-Ex9 24"	010YR0 1Hr	1.70	-3.33	0.01	2.76	2.40	1.2360	0.7223	0.7868	1.5283	2.0619
EX8-Ex9 24"	010YR0 2Hr	1.88	-4.02	0.01	2.87	2.48	2.1857	1.1820	1.5327	2.4670	3.1344

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EX8-Ex9 24"	010YR0 3Hr	1.93	-4.08	0.01	2.89	2.51	3.1991	1.7169	2.0223	3.3754	4.0535
EX8-Ex9 24"	010YR0 6Hr	2.21	-4.96	0.01	2.96	2.59	5.2065	3.1837	3.5045	6.2687	6.8819
EX8-Ex9 24"	010YR1 2Hr	2.44	-5.09	0.01	2.98	2.56	7.2756	6.1504	6.4535	10.2893	12.8263
EX8-Ex9 24"	010YR2 4Hr	2.68	-4.65	-0.06	3.02	2.43	14.2304	12.1006	12.7557	16.1411	24.6649
EX8-Ex9 24"	1 1/4" 24hr	0.34	0.00	0.00	1.86	2.07	0.1906	0.0000	0.0926	0.2284	0.1573
EX8-Ex9 24"	100YR0 1hr	2.74	-7.24	0.19	3.04	2.64	1.7505	0.6716	1.0755	2.4352	2.9999
EX8-Ex9 24"	100YR0 2hr	3.21	-7.83	0.20	3.14	2.77	3.2021	1.1396	1.6157	3.8034	4.6790
EX8-Ex9 24"	100YR0 3hr	3.38	-7.86	0.28	3.17	2.81	4.1429	1.6260	2.1263	4.7240	5.6911
EX8-Ex9 24"	100YR0 6hr	3.80	-7.75	0.75	3.25	2.91	7.0934	3.0866	4.0341	7.5210	8.2887
EX8-Ex9 24"	100YR1 2hr	3.84	-6.93	-0.78	3.25	2.90	10.4988	6.0382	6.9360	12.5766	13.9226
EX8-Ex9 24"	100YR2 4hr	3.87	-5.91	0.76	3.23	2.80	17.2832	11.9845	13.3888	18.6271	24.7441
Ex1-Pond B	002YR0 1HR	10.88	0.00	0.02	2.53	4.77	0.8510	0.0000	1.1764	0.8517	0.8523
Ex1-Pond B	002YR0 2HR	12.89	0.00	-0.04	2.65	5.03	1.3316	0.0000	1.2581	1.3325	1.3325
Ex1-Pond B	002YR0 3HR	13.38	0.00	0.04	2.68	5.08	1.8212	0.0000	1.9378	1.8215	1.8223
Ex1-Pond B	002YR0 6HR	16.43	0.00	-0.36	2.85	5.41	3.2870	0.0000	11.4492	3.2874	3.2881
Ex1-Pond B	002YR1 2HR	18.81	0.00	-0.11	2.98	5.60	6.2400	0.0000	12.2680	6.2402	6.2409
Ex1-Pond B	002YR2 4HR	20.06	0.00	0.20	3.19	5.71	12.1998	0.0000	13.0171	12.2474	12.1689
Ex1-Pond B	010YR0 1Hr	23.81	0.00	-0.10	3.22	6.08	0.8095	0.0000	0.7787	0.8098	0.8098
Ex1-Pond B	010YR0 2Hr	28.12	0.00	-0.10	3.45	6.34	1.2886	0.0000	1.2188	1.2887	1.2887
Ex1-Pond B	010YR0 3Hr	28.64	0.00	-0.12	3.47	6.45	1.7810	0.0000	1.7644	1.8015	1.7644
Ex1-Pond B	010YR0 6Hr	33.25	0.00	-0.14	3.70	6.75	3.2505	0.0000	3.2052	3.2505	3.2506
Ex1-Pond B	010YR1 2Hr	34.14	0.00	-0.14	3.76	6.79	6.2132	0.0000	6.1493	6.2133	6.2133
Ex1-Pond B	010YR2	33.64	0.00	0.39	3.89	6.59	12.1676	0.0000	13.8872	12.1899	12.1064

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
d B	4Hr										
Ex1-Pond B	1 1/4" 24hr	3.91	0.00	0.01	2.08	2.78	12.2511	0.0000	12.0988	12.2697	12.2075
Ex1-Pond B	100YR0 1hr	38.37	0.00	0.76	4.02	7.12	0.8039	0.0000	1.8239	0.8040	0.8421
Ex1-Pond B	100YR0 2hr	40.93	0.00	-0.87	4.25	7.28	1.2863	0.0000	2.4659	1.2863	1.2863
Ex1-Pond B	100YR0 3hr	41.38	0.00	-0.89	4.30	7.29	1.7840	0.0000	2.9120	1.7840	1.8255
Ex1-Pond B	100YR0 6hr	43.50	0.00	1.10	4.52	7.41	3.2566	0.0000	5.5286	3.2566	3.3049
Ex1-Pond B	100YR1 2hr	43.81	0.00	0.72	4.55	7.41	6.2584	0.0000	8.5981	6.2584	6.1991
Ex1-Pond B	100YR2 4hr	41.97	0.00	-1.22	4.41	6.71	12.1514	0.0000	14.9385	12.1409	12.0077
Ex4-Ex3 36"	002YR0 1HR	8.95	0.00	-0.01	2.37	3.34	0.8169	0.0000	0.9062	0.7662	0.6729
Ex4-Ex3 36"	002YR0 2HR	10.48	0.00	-0.01	2.47	3.36	1.3020	0.0000	1.4037	1.2506	1.1550
Ex4-Ex3 36"	002YR0 3HR	10.80	0.00	-0.01	2.49	3.34	1.7930	0.0000	1.8984	1.7419	1.6430
Ex4-Ex3 36"	002YR0 6HR	13.02	0.00	-0.01	2.59	3.21	3.2655	0.0000	3.3591	3.2003	3.1079
Ex4-Ex3 36"	002YR1 2HR	14.68	0.00	-0.01	2.64	3.02	6.2203	0.0000	6.3020	6.1943	6.0368
Ex4-Ex3 36"	002YR2 4HR	15.22	0.00	-0.04	2.65	2.91	12.1668	0.0000	13.1155	12.1473	12.1281
Ex4-Ex3 36"	010YR0 1Hr	18.71	0.00	-0.01	2.94	3.45	0.7853	0.0000	0.8711	0.7418	0.6413
Ex4-Ex3 36"	010YR0 2Hr	21.76	0.00	0.01	3.09	3.47	1.2714	0.0000	1.1780	1.2658	1.1870
Ex4-Ex3 36"	010YR0 3Hr	22.13	0.00	0.01	3.13	3.45	1.7646	0.0000	1.6654	1.7610	1.6746
Ex4-Ex3 36"	010YR0 6Hr	25.26	0.00	0.01	3.57	3.57	3.2506	0.0000	3.1206	3.2506	3.2506
Ex4-Ex3 36"	010YR1 2Hr	25.74	0.00	0.01	3.64	3.64	6.2333	0.0000	6.0649	6.2333	6.2333
Ex4-Ex3 36"	010YR2 4Hr	24.97	0.00	-0.29	3.53	3.53	12.1653	0.0000	13.6725	12.1653	12.1680
Ex4-Ex3 36"	1 1/4" 24hr	3.35	0.00	0.01	1.79	2.82	12.2153	0.0000	12.0635	12.2117	12.1083
Ex4-Ex3 36"	100YR0 1hr	29.11	0.00	0.09	4.12	4.12	0.9798	0.0000	1.8224	0.9798	0.9798
Ex4-Ex3 36"	100YR0 2hr	31.13	0.00	0.45	4.40	4.40	1.5166	0.0000	2.5382	1.5166	1.5166

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Ex4-Ex3 36"	100YR0 3hr	31.41	0.00	0.45	4.44	4.44	1.9936	0.0000	2.8725	1.9936	1.9936
Ex4-Ex3 36"	100YR0 6hr	31.80	0.00	0.79	4.50	4.50	3.4177	0.0000	4.5714	3.4177	3.4177
Ex4-Ex3 36"	100YR1 2hr	31.05	0.00	-0.86	4.39	4.39	6.3351	0.0000	7.4916	6.3351	6.3351
Ex4-Ex3 36"	100YR2 4hr	28.52	0.00	0.76	4.04	4.04	12.2041	0.0000	14.9895	12.2041	12.2041
Ex6-Ex5 30"	002YR0 1HR	7.79	0.00	-0.01	2.38	2.36	0.7900	0.0000	0.8633	0.7341	0.7275
Ex6-Ex5 30"	002YR0 2HR	9.05	0.00	-0.01	2.46	2.46	1.2764	0.0000	1.3672	1.2203	1.2154
Ex6-Ex5 30"	002YR0 3HR	9.32	0.00	-0.01	2.48	2.48	1.7687	0.0000	1.8668	1.7077	1.7035
Ex6-Ex5 30"	002YR0 6HR	11.04	0.00	-0.01	2.58	2.59	3.2405	0.0000	3.3485	3.1906	3.1875
Ex6-Ex5 30"	002YR1 2HR	12.23	0.00	-0.01	2.61	2.62	6.2011	0.0000	6.2267	6.1718	6.1736
Ex6-Ex5 30"	002YR2 4HR	12.43	0.00	-0.02	2.59	2.60	12.1499	0.0000	13.1155	12.1419	12.1418
Ex6-Ex5 30"	010YR0 1Hr	15.97	0.00	0.01	3.25	3.25	0.7577	0.0000	0.7134	0.7577	0.7577
Ex6-Ex5 30"	010YR0 2Hr	18.31	0.00	0.02	3.73	3.73	1.2510	0.0000	1.1764	1.2510	1.2510
Ex6-Ex5 30"	010YR0 3Hr	18.55	0.00	0.02	3.78	3.78	1.7419	0.0000	1.6638	1.7419	1.7419
Ex6-Ex5 30"	010YR0 6Hr	20.81	0.00	0.02	4.24	4.24	3.2179	0.0000	3.1188	3.2179	3.2179
Ex6-Ex5 30"	010YR1 2Hr	20.84	0.00	-0.02	4.25	4.25	6.1576	0.0000	6.2591	6.1576	6.1576
Ex6-Ex5 30"	010YR2 4Hr	19.78	0.00	0.42	4.03	4.03	12.1474	0.0000	13.1531	12.1474	12.1474
Ex6-Ex5 30"	1 1/4" 24hr	3.01	0.00	0.00	1.89	1.76	12.1897	0.0000	12.0494	12.1497	12.1444
Ex6-Ex5 30"	100YR0 1hr	23.94	0.00	-0.15	4.88	4.88	0.6713	0.0000	1.0751	0.6713	0.6713
Ex6-Ex5 30"	100YR0 2hr	25.50	0.00	0.63	5.20	5.20	1.5669	0.0000	2.5382	1.5669	1.5669
Ex6-Ex5 30"	100YR0 3hr	25.45	0.00	0.45	5.18	5.18	2.0505	0.0000	3.2360	2.0505	2.0505
Ex6-Ex5 30"	100YR0 6hr	24.02	0.00	0.39	4.89	4.89	3.4846	0.0000	5.8147	3.4846	3.4846
Ex6-Ex5 30"	100YR1 2hr	22.50	0.00	0.35	4.58	4.58	6.3892	0.0000	9.1577	6.3892	6.3892
Ex6-Ex5 30"	100YR2 4hr	21.13	0.00	-0.23	4.30	4.30	11.9840	0.0000	14.9893	11.9840	11.9840

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
30"	4hr										
Ex7-Ex6 30"	002YR0 1HR	6.31	0.00	-0.01	2.69	2.45	0.7669	0.0000	0.8494	0.6629	0.6156
Ex7-Ex6 30"	002YR0 2HR	7.28	0.00	-0.01	2.73	2.48	1.2533	0.0000	1.3305	1.1413	1.0945
Ex7-Ex6 30"	002YR0 3HR	7.48	0.00	-0.01	2.72	2.44	1.7503	0.0000	1.8488	1.6310	1.5807
Ex7-Ex6 30"	002YR0 6HR	8.83	0.00	-0.01	2.71	2.29	3.2187	0.0000	3.3331	3.0966	3.0820
Ex7-Ex6 30"	002YR1 2HR	9.64	0.00	-0.01	2.62	2.17	6.1847	0.0000	6.2852	6.0456	6.1051
Ex7-Ex6 30"	002YR2 4HR	9.69	0.00	-0.01	2.48	2.06	12.1344	0.0000	12.2016	11.9585	12.0835
Ex7-Ex6 30"	010YR0 1Hr	12.51	0.00	0.01	2.86	2.66	0.7501	0.0000	0.7237	0.6267	0.5765
Ex7-Ex6 30"	010YR0 2Hr	14.23	0.00	-0.01	2.90	2.90	1.2366	0.0000	1.3905	1.2366	1.2366
Ex7-Ex6 30"	010YR0 3Hr	14.38	0.00	-0.01	2.93	2.93	1.7335	0.0000	1.8877	1.7335	1.7335
Ex7-Ex6 30"	010YR0 6Hr	16.05	0.00	0.01	3.27	3.27	3.2231	0.0000	3.1227	3.2231	3.2231
Ex7-Ex6 30"	010YR1 2Hr	16.55	0.00	0.02	3.37	3.37	6.1739	0.0000	6.0693	6.1739	6.1739
Ex7-Ex6 30"	010YR2 4Hr	15.06	0.00	-0.03	3.07	3.07	12.1421	0.0000	12.8480	12.1421	12.1421
Ex7-Ex6 30"	1 1/4" 24hr	2.52	0.00	0.00	2.30	1.93	12.1644	0.0000	12.0069	12.1130	0.2059
Ex7-Ex6 30"	100YR0 1hr	19.73	0.00	0.19	4.02	4.02	0.6859	0.0000	1.0751	0.6859	0.6859
Ex7-Ex6 30"	100YR0 2hr	20.08	0.00	0.23	4.09	4.09	1.2284	0.0000	1.6821	1.2284	1.2284
Ex7-Ex6 30"	100YR0 3hr	20.07	0.00	0.23	4.09	4.09	1.7292	0.0000	2.1970	1.7292	1.7292
Ex7-Ex6 30"	100YR0 6hr	20.28	0.00	0.16	4.13	4.13	3.2085	0.0000	3.8452	3.2085	3.2085
Ex7-Ex6 30"	100YR1 2hr	19.90	0.00	-0.10	4.05	4.05	6.1750	0.0000	7.0570	6.1750	6.1750
Ex7-Ex6 30"	100YR2 4hr	19.27	0.00	0.11	3.93	3.93	12.1401	0.0000	13.1511	12.1401	12.1401
ExPond1 Outlet	002YR0 1HR	0.82	-0.85	0.02	1.50	2.43	1.3939	0.8026	0.9343	1.4239	1.3113
ExPond1 Outlet	002YR0 2HR	1.03	-1.15	0.02	1.63	-2.84	2.2741	1.3106	1.4435	2.3022	1.2580
ExPond1 Outlet	002YR0 3HR	1.08	-1.20	0.02	1.66	-2.95	3.2104	1.7905	1.9427	3.2333	1.7400

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
ExPond1 Outlet	002YR0 6HR	1.27	-1.59	0.02	-2.02	-3.57	5.2266	3.2727	3.4549	3.2727	3.2260
ExPond1 Outlet	002YR1 2HR	1.42	-1.89	0.02	-2.40	-3.90	8.0437	6.2336	6.4210	6.2336	6.2003
ExPond1 Outlet	002YR2 4HR	1.51	-2.06	0.02	-2.62	-3.77	14.1591	12.1782	12.3588	12.1782	12.1341
ExPond1 Outlet	010YR0 1Hr	1.54	-2.86	0.02	-3.64	-4.69	1.2702	0.7874	1.0339	0.7874	0.7875
ExPond1 Outlet	010YR0 2Hr	1.85	-3.61	0.02	-4.59	-5.29	2.1613	1.2716	1.5359	1.2716	1.2717
ExPond1 Outlet	010YR0 3Hr	1.92	-3.70	0.03	-4.71	-5.37	3.1925	1.7624	2.0252	1.7624	1.7624
ExPond1 Outlet	010YR0 6Hr	2.21	-4.43	0.02	-5.64	-6.04	5.2439	3.2350	3.5069	3.2350	3.2351
ExPond1 Outlet	010YR1 2Hr	2.41	-4.54	0.02	-5.78	-6.13	7.3172	6.2058	6.4536	6.2058	6.1921
ExPond1 Outlet	010YR2 4Hr	2.64	-4.23	0.02	-5.38	-5.46	14.2591	12.1259	12.4222	12.1259	12.1130
ExPond1 Outlet	1 1/4" 24hr	0.32	0.00	0.00	1.09	2.27	0.1145	0.0000	0.0827	0.1284	0.0827
ExPond1 Outlet	100YR0 1hr	2.68	-5.01	0.02	-6.38	-6.61	1.7589	0.7643	1.1142	0.7643	0.7543
ExPond1 Outlet	100YR0 2hr	3.17	-5.07	0.05	-6.46	-6.67	3.2075	1.2246	1.7040	1.2246	1.2148
ExPond1 Outlet	100YR0 3hr	3.34	-5.06	0.04	-6.44	-6.65	4.1555	1.7053	2.2173	1.7053	1.6956
ExPond1 Outlet	100YR0 6hr	3.78	-4.99	0.02	-6.35	-6.56	7.1475	3.1430	3.8681	3.1430	3.1327
ExPond1 Outlet	100YR1 2hr	3.84	-4.81	0.02	-6.12	-6.30	11.4165	6.0660	7.0300	6.0660	6.0501
ExPond1 Outlet	100YR2 4hr	3.86	-4.49	-0.01	-5.72	-5.72	17.3235	12.0602	11.7217	12.0602	12.0602
L1 - EastOutlet - Pipe	002YR0 1HR	0.88	0.00	0.00	0.00	0.00	1.6385	0.0000	0.8426	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 1HR	0.88	0.00	0.00	4.49	4.49	1.6154	0.0000	0.8294	1.6154	1.6154
L1 - EastOutlet - Weir: 2	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
et - Weir: 3											
L1 - EastOutlet - Weir: 4	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR0 2HR	1.03	0.00	0.00	0.00	0.00	2.4280	0.0000	1.3185	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 2HR	1.03	0.00	0.00	5.24	5.24	2.4280	0.0000	1.2920	2.4280	2.4280
L1 - EastOutlet - Weir: 2	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR0 3HR	1.08	0.00	0.00	0.00	0.00	3.3732	0.0000	1.8038	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR0 3HR	1.08	0.00	0.00	5.48	5.48	3.3282	0.0000	1.7749	3.3282	3.3282
L1 - EastOutlet - Weir: 2	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 -	002YR0	1.22	0.00	0.00	0.00	0.00	6.1491	0.0000	3.2969	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EastOutlet - Pipe	6HR										
L1 - EastOutlet - Weir: 1	002YR0 6HR	1.22	0.00	0.00	6.20	6.20	6.1491	0.0000	3.2053	6.1491	6.1491
L1 - EastOutlet - Weir: 2	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 3	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR1 2HR	1.49	0.00	0.00	0.00	0.00	8.8351	0.0000	7.2746	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR1 2HR	1.30	0.00	0.00	6.62	6.62	8.8351	0.0000	6.0906	8.8351	8.8351
L1 - EastOutlet - Weir: 2	002YR1 2HR	0.19	0.00	0.00	1.51	1.51	8.7816	0.0000	7.2685	8.7816	8.7816
L1 - EastOutlet - Weir: 3	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	002YR2 4HR	2.00	0.00	0.00	0.00	0.00	14.0416	0.0000	13.0171	0.0000	0.0000
L1 - EastOutlet - Weir: 1	002YR2 4HR	1.36	0.00	0.00	6.91	6.91	14.0115	0.0000	11.8785	14.0115	14.0115
L1 -	002YR2	0.64	0.00	0.00	2.25	2.25	14.0115	0.0000	13.0041	14.0115	14.0115



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
EastOutlet - Weir: 2	4HR										
L1 - EastOutlet - Weir: 3	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 1Hr	1.42	0.00	0.00	0.00	0.00	1.6608	0.0000	0.7329	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 1Hr	1.29	0.00	0.00	6.55	6.55	1.6280	0.0000	0.7329	1.6280	1.6280
L1 - EastOutlet - Weir: 2	010YR0 1Hr	0.13	0.00	0.00	1.34	1.34	1.6280	0.0000	1.5367	1.6701	1.6701
L1 - EastOutlet - Weir: 3	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 2Hr	2.38	0.00	0.00	0.00	0.00	2.3974	0.0000	2.0717	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 2Hr	1.40	0.00	0.00	7.14	7.14	2.3792	0.0000	1.2006	2.3792	2.3792
L1 - EastOutlet - Weir: 2	010YR0 2Hr	0.98	0.00	0.00	3.19	3.19	2.3792	0.0000	2.0656	2.3792	2.3792
L1 - EastOutlet - Weir: 3	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L1 - EastOutlet - Weir: 4	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 3Hr	2.55	0.00	0.00	0.00	0.00	3.2844	0.0000	2.6025	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 3Hr	1.44	0.00	0.00	7.31	7.31	3.2844	0.0000	1.6795	3.2844	3.2844
L1 - EastOutlet - Weir: 2	010YR0 3Hr	1.12	0.00	0.00	3.64	3.64	3.2844	0.0000	2.6303	3.2844	3.2844
L1 - EastOutlet - Weir: 3	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR0 6Hr	3.00	0.00	0.00	0.00	0.00	5.1006	0.0000	8.1895	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR0 6Hr	1.54	0.00	0.00	7.82	7.82	5.1006	0.0000	3.0924	5.1006	5.1006
L1 - EastOutlet - Weir: 2	010YR0 6Hr	1.47	0.00	0.00	4.78	4.78	5.1006	0.0000	8.1786	5.1006	5.1006
L1 - EastOutlet - Weir: 3	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR1 2Hr	3.29	0.00	0.00	0.00	0.00	7.7609	0.0000	14.0704	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L1 - EastOutlet - Weir: 1	010YR1 2Hr	1.61	0.00	0.00	8.19	8.19	7.7609	0.0000	5.9247	7.7609	7.7609
L1 - EastOutlet - Weir: 2	010YR1 2Hr	1.68	0.00	0.00	5.47	5.47	7.7609	0.0000	14.3478	7.7609	7.7609
L1 - EastOutlet - Weir: 3	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	010YR2 4Hr	3.51	0.00	0.00	0.00	0.00	13.7208	0.0000	20.4840	0.0000	0.0000
L1 - EastOutlet - Weir: 1	010YR2 4Hr	1.67	0.00	0.00	8.50	8.50	13.6553	0.0000	11.1935	13.6553	13.6553
L1 - EastOutlet - Weir: 2	010YR2 4Hr	1.84	0.00	0.00	6.00	6.00	13.6553	0.0000	20.7746	13.6553	13.6553
L1 - EastOutlet - Weir: 3	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	1 1/4" 24hr	0.52	0.00	0.00	0.00	0.00	14.3011	0.0000	12.5844	0.0000	0.0000
L1 - EastOutlet - Weir: 1	1 1/4" 24hr	0.52	0.00	0.00	2.64	2.64	14.3011	0.0000	13.2375	14.3011	14.3011
L1 - EastOutlet -	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Weir: 2											
L1 - EastOutlet - Weir: 3	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 1hr	3.48	0.00	0.00	0.00	0.00	1.5679	0.0000	0.9767	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 1hr	1.66	0.00	0.00	8.45	8.45	1.5679	0.0000	0.6710	1.5679	1.5679
L1 - EastOutlet - Weir: 2	100YR0 1hr	1.82	0.00	0.00	5.93	5.93	1.5679	0.0000	0.9841	1.5679	1.5679
L1 - EastOutlet - Weir: 3	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Weir: 4	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 2hr	4.16	0.00	0.00	0.00	0.00	2.3893	0.0000	1.4025	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 2hr	1.86	0.00	0.00	9.48	9.48	2.3698	0.0000	1.1262	2.3698	2.3698
L1 - EastOutlet - Weir: 2	100YR0 2hr	2.30	0.00	0.00	7.49	7.49	2.3698	0.0000	1.4017	2.3698	2.3698
L1 - EastOutlet - Weir: 3	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
et - Weir: 4											
L1 - EastOutlet - Pipe	100YR0 3hr	4.76	0.00	0.00	0.00	0.00	3.2526	0.0000	1.8355	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 3hr	1.90	0.00	0.00	9.68	9.68	3.4744	0.0000	1.5839	3.4744	3.4744
L1 - EastOutlet - Weir: 2	100YR0 3hr	2.42	0.00	0.00	7.88	7.88	3.2247	0.0000	1.8354	3.2247	3.2247
L1 - EastOutlet - Weir: 3	100YR0 3hr	0.44	0.00	0.00	0.97	0.97	3.2247	0.0000	3.3212	3.2247	3.2247
L1 - EastOutlet - Weir: 4	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR0 6hr	9.05	0.00	0.00	0.00	0.00	4.2394	0.0000	3.9162	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR0 6hr	1.90	0.00	0.00	9.68	9.68	6.4522	0.0000	3.6798	6.4522	6.4522
L1 - EastOutlet - Weir: 2	100YR0 6hr	2.57	0.00	0.00	8.38	8.38	4.2394	0.0000	12.5584	4.2394	4.2394
L1 - EastOutlet - Weir: 3	100YR0 6hr	4.65	0.00	-0.01	2.33	2.33	4.2394	0.0000	4.9449	4.2394	4.2394
L1 - EastOutlet - Weir: 4	100YR0 6hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR1 2hr	10.29	0.00	0.00	0.00	0.00	7.1177	0.0000	6.5786	0.0000	0.0000
L1 - EastOutlet	100YR1 2hr	1.90	0.00	0.00	9.68	9.68	9.6028	0.0000	5.0872	9.6028	9.6028

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
et - Weir: 1											
L1 - EastOutlet - Weir: 2	100YR1 2hr	2.62	0.00	0.00	8.55	8.55	7.1011	0.0000	17.0448	7.1011	7.1011
L1 - EastOutlet - Weir: 3	100YR1 2hr	5.87	0.00	0.00	2.93	2.93	7.1011	0.0000	8.0540	7.1011	7.1011
L1 - EastOutlet - Weir: 4	100YR1 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L1 - EastOutlet - Pipe	100YR2 4hr	10.06	0.00	0.00	0.00	0.00	13.0251	0.0000	12.4729	0.0000	0.0000
L1 - EastOutlet - Weir: 1	100YR2 4hr	1.90	0.00	0.00	9.68	9.68	15.2622	0.0000	12.4555	15.2622	15.2622
L1 - EastOutlet - Weir: 2	100YR2 4hr	2.61	0.00	0.00	8.51	8.51	12.9995	0.0000	12.0819	12.9995	12.9995
L1 - EastOutlet - Weir: 3	100YR2 4hr	5.64	0.00	0.00	2.82	2.82	12.9995	0.0000	13.4943	12.9995	12.9995
L1 - EastOutlet - Weir: 4	100YR2 4hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L2-ExpondA - Pipe	002YR0 1HR	0.26	0.00	0.00	0.00	0.00	1.7523	0.0000	0.8612	0.0000	0.0000
L2-ExpondA - Weir: 1	002YR0 1HR	0.26	0.00	0.00	1.26	1.26	1.7247	0.0000	0.8612	1.7247	1.7247
L2-ExpondA - Pipe	002YR0 2HR	0.45	0.00	0.00	0.00	0.00	2.5527	0.0000	1.9634	0.0000	0.0000
L2-ExpondA - Weir: 1	002YR0 2HR	0.45	0.00	0.00	1.53	1.53	2.5413	0.0000	1.8433	2.5413	2.5413

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPo ndA - Pipe	002YR0 3HR	0.53	0.00	0.00	0.00	0.00	3.4318	0.0000	2.9574	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR0 3HR	0.53	0.00	0.00	1.63	1.63	3.4318	0.0000	2.9414	3.4318	3.4318
L2-ExPo ndA - Pipe	002YR0 6HR	0.82	0.00	0.00	0.00	0.00	6.2654	0.0000	3.2918	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR0 6HR	0.82	0.00	0.00	2.33	2.33	6.2654	0.0000	8.7003	6.2654	6.2654
L2-ExPo ndA - Pipe	002YR1 2HR	1.01	0.00	0.00	0.00	0.00	12.0951	0.0000	6.2852	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR1 2HR	1.01	0.00	0.00	2.86	2.86	12.0951	0.0000	6.1229	12.0951	12.0951
L2-ExPo ndA - Pipe	002YR2 4HR	1.15	0.00	0.00	0.00	0.00	17.8241	0.0000	12.2610	0.0000	0.0000
L2-ExPo ndA - Weir: 1	002YR2 4HR	1.15	0.00	0.00	3.25	3.25	17.8241	0.0000	11.9419	17.8241	17.8241
L2-ExPo ndA - Pipe	010YR0 1Hr	0.89	-1.32	0.01	0.00	0.00	1.6920	0.8866	1.0278	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 1Hr	0.89	-1.32	0.01	-3.75	-3.75	1.6487	0.8865	1.0292	0.8865	0.8865
L2-ExPo ndA - Pipe	010YR0 2Hr	1.15	-1.76	0.01	0.00	0.00	2.5123	1.3889	1.5665	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 2Hr	1.15	-1.76	0.02	-4.99	-4.99	2.4906	1.3888	1.5664	1.3888	1.3888
L2-ExPo ndA - Pipe	010YR0 3Hr	1.24	-1.80	0.02	0.00	0.00	3.4193	1.8808	2.0605	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR0 3Hr	1.24	-1.80	0.02	-5.11	-5.11	3.4193	1.8807	2.0602	1.8807	1.8807
L2-ExPo ndA - Pipe	010YR0 6Hr	1.52	-2.04	0.02	0.00	0.00	6.3008	3.3736	3.5865	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPo ndA - Weir: 1	010YR0 6Hr	1.52	-2.04	0.01	-5.80	-5.80	6.3008	3.3736	3.5853	3.3736	3.3736
L2-ExPo ndA - Pipe	010YR1 2Hr	1.68	-2.01	0.02	0.00	0.00	12.0547	6.3264	6.5533	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR1 2Hr	1.68	-2.01	0.01	-5.70	-5.70	12.0547	6.3263	6.5533	6.3263	6.3263
L2-ExPo ndA - Pipe	010YR2 4Hr	1.78	-1.88	0.01	0.00	0.00	17.7147	12.2670	12.4620	0.0000	0.0000
L2-ExPo ndA - Weir: 1	010YR2 4Hr	1.78	-1.88	0.01	-5.33	-5.33	17.7147	12.2669	12.4619	12.2669	12.2669
L2-ExPo ndA - Pipe	1 1/4" 24hr	0.12	0.00	0.00	0.00	0.00	23.9903	0.0000	14.4511	0.0000	0.0000
L2-ExPo ndA - Weir: 1	1 1/4" 24hr	0.12	0.00	0.00	1.00	1.00	23.9903	0.0000	14.4511	23.9903	23.9903
L2-ExPo ndA - Pipe	100YR0 1hr	1.62	-2.18	0.02	0.00	0.00	1.6729	0.8519	1.4217	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 1hr	1.62	-2.18	0.02	-6.17	-6.17	1.6689	0.8518	1.4217	0.8518	0.8518
L2-ExPo ndA - Pipe	100YR0 2hr	1.98	-2.19	0.01	0.00	0.00	2.5287	1.3119	2.1117	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 2hr	1.98	-2.19	0.02	-6.22	-6.22	2.4986	1.3119	2.1116	1.3119	1.3119
L2-ExPo ndA - Pipe	100YR0 3hr	2.09	-2.18	0.02	0.00	0.00	3.4282	1.7978	2.6240	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 3hr	2.09	-2.18	0.02	-6.17	-6.17	3.4189	1.7977	2.6239	1.7977	1.7977
L2-ExPo ndA - Pipe	100YR0 6hr	2.36	-2.12	0.01	0.00	0.00	6.2945	3.2527	4.2351	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR0 6hr	2.36	-2.12	0.01	6.68	6.68	6.2945	3.2527	4.2341	6.2945	6.2945



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L2-ExPo ndA - Pipe	100YR1 2hr	2.45	-2.04	0.01	0.00	0.00	12.1287	6.2067	7.1444	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR1 2hr	2.45	-2.04	0.01	6.95	6.95	12.1287	6.2067	7.1434	12.1287	12.1287
L2-ExPo ndA - Pipe	100YR2 4hr	2.43	-1.92	0.02	0.00	0.00	18.1168	12.1571	11.9216	0.0000	0.0000
L2-ExPo ndA - Weir: 1	100YR2 4hr	2.43	-1.92	0.05	6.90	6.90	18.1168	12.1570	11.9216	18.1168	18.1168
L3-526 - Pipe	002YR0 1HR	0.91	0.00	0.00	0.00	0.00	1.6220	0.0000	0.8633	0.0000	0.0000
L3-526 - Weir: 1	002YR0 1HR	0.91	0.00	0.00	1.16	1.16	1.6220	0.0000	0.8600	1.6551	1.6551
L3-526 - Weir: 2	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	002YR0 2HR	1.38	0.00	0.00	0.00	0.00	2.4448	0.0000	1.1858	0.0000	0.0000
L3-526 - Weir: 1	002YR0 2HR	1.38	0.00	-0.01	1.76	1.76	2.4322	0.0000	1.1858	2.4322	2.4322
L3-526 - Weir: 2	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	002YR0 3HR	1.65	0.00	0.04	0.00	0.00	3.3611	0.0000	4.0891	0.0000	0.0000
L3-526 - Weir: 1	002YR0 3HR	1.65	0.00	-0.05	2.10	2.10	3.3422	0.0000	4.0983	3.3422	3.3422
L3-526 - Weir: 2	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	002YR0 6HR	2.08	-0.19	0.03	0.00	0.00	6.1761	3.2324	11.1129	0.0000	0.0000
L3-526 - Weir: 1	002YR0 6HR	2.08	-0.19	-0.05	2.65	2.65	6.1677	3.2323	11.1478	6.1677	6.1677
L3-526 - Weir: 2	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 -	002YR1	2.38	-0.37	0.03	0.00	0.00	10.1863	6.1867	19.6302	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Pipe	2HR										
L3-526 - Weir: 1	002YR1 2HR	2.38	-0.37	-0.05	3.03	3.03	10.1863	6.1866	19.6665	10.1863	10.1863
L3-526 - Weir: 2	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	002YR2 4HR	2.65	0.00	-0.03	0.00	0.00	15.4982	12.1093	31.3918	0.0000	0.0000
L3-526 - Weir: 1	002YR2 4HR	2.65	0.00	-0.05	3.37	3.37	15.4982	12.1093	31.4705	15.4982	15.4982
L3-526 - Weir: 2	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR0 1Hr	2.22	-1.28	-0.09	0.00	0.00	1.5720	0.7837	0.8425	0.0000	0.0000
L3-526 - Weir: 1	010YR0 1Hr	2.22	-1.28	-0.19	2.83	2.83	1.5547	0.7834	0.8425	1.5547	1.5547
L3-526 - Weir: 2	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR0 2Hr	2.71	-2.01	0.02	0.00	0.00	2.4005	1.2632	1.3805	0.0000	0.0000
L3-526 - Weir: 1	010YR0 2Hr	2.71	-2.01	0.01	3.46	3.46	2.4005	1.2631	1.3846	2.4005	2.4005
L3-526 - Weir: 2	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	010YR0 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR0 3Hr	2.87	-2.07	0.02	0.00	0.00	3.3293	1.7533	1.8720	0.0000	0.0000
L3-526 - Weir: 1	010YR0 3Hr	2.87	-2.07	0.01	3.66	3.66	3.3293	1.7532	1.8715	3.3293	3.3293
L3-526 - Weir: 2	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR0 6Hr	3.36	-2.64	0.02	0.00	0.00	6.2521	3.2246	3.3552	0.0000	0.0000
L3-526 - Weir: 1	010YR0 6Hr	3.36	-2.64	0.01	4.28	4.28	6.2369	3.2246	3.3518	6.2369	6.2369
L3-526 - Weir: 2	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
L3-526 - Weir: 3	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR1 2Hr	3.62	-2.56	0.02	0.00	0.00	10.3250	6.1791	6.3039	0.0000	0.0000
L3-526 - Weir: 1	010YR1 2Hr	3.62	-2.56	0.01	4.61	4.61	10.1989	6.1791	6.3037	10.1989	10.1989
L3-526 - Weir: 2	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	010YR2 4Hr	3.81	-1.83	0.21	0.00	0.00	16.0431	12.1216	11.9543	0.0000	0.0000
L3-526 - Weir: 1	010YR2 4Hr	3.81	-1.83	0.41	4.85	4.85	16.0431	12.1215	11.9543	16.0431	16.0431
L3-526 - Weir: 2	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	1 1/4" 24hr	0.44	0.00	0.00	0.00	0.00	20.1105	0.0000	12.1669	0.0000	0.0000
L3-526 - Weir: 1	1 1/4" 24hr	0.44	0.00	0.00	0.66	0.66	20.1105	0.0000	12.1669	20.1105	20.1105
L3-526 - Weir: 2	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	100YR0 1hr	3.54	-4.32	0.02	0.00	0.00	1.7109	0.7600	0.9346	0.0000	0.0000
L3-526 - Weir: 1	100YR0 1hr	3.54	-4.32	0.02	-5.50	-5.50	1.7067	0.7599	0.9346	0.7599	0.7599
L3-526 - Weir: 2	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	100YR0 2hr	4.14	-5.09	0.04	0.00	0.00	2.9321	1.2575	1.4352	0.0000	0.0000
L3-526 - Weir: 1	100YR0 2hr	4.14	-5.09	0.03	-6.47	-6.47	2.9310	1.2574	1.4336	1.2574	1.2574
L3-526 - Weir: 2	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	100YR0 3hr	4.39	-5.17	0.07	0.00	0.00	3.7737	1.7498	1.9261	0.0000	0.0000
L3-526 -	100YR0	4.39	-5.17	0.05	-6.58	-6.58	3.7737	1.7497	1.9259	1.7497	1.7497

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Weir: 1	3hr										
L3-526 - Weir: 2	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Weir: 3	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
L3-526 - Pipe	100YR0 6hr	5.22	-6.25	0.05	0.00	0.00	6.3093	3.2435	3.4124	0.0000	0.0000
L3-526 - Weir: 1	100YR0 6hr	4.96	-5.48	0.05	-6.97	-6.97	6.4788	3.2148	3.4123	3.2148	3.2148
L3-526 - Weir: 2	100YR0 6hr	0.27	-0.64	0.00	1.40	1.40	6.2432	3.2520	3.3046	6.2432	6.2432
L3-526 - Weir: 3	100YR0 6hr	0.00	-0.26	0.00	0.00	0.00	0.0000	3.2520	3.2841	0.0000	0.0000
L3-526 - Pipe	100YR1 2hr	5.84	-5.33	0.20	0.00	0.00	10.2702	6.1995	5.9508	0.0000	0.0000
L3-526 - Weir: 1	100YR1 2hr	4.98	-5.00	0.41	-6.37	-6.37	12.8902	6.1799	5.9508	6.1799	6.1799
L3-526 - Weir: 2	100YR1 2hr	0.66	-0.40	0.00	1.89	1.89	10.2384	6.2123	6.1762	10.2568	10.2568
L3-526 - Weir: 3	100YR1 2hr	0.30	0.00	0.00	1.00	1.00	10.2384	6.2123	9.4565	10.2568	10.2568
L3-526 - Pipe	100YR2 4hr	5.66	-3.70	0.03	0.00	0.00	16.5535	12.1302	12.2910	0.0000	0.0000
L3-526 - Weir: 1	100YR2 4hr	4.98	-3.70	0.05	6.34	6.34	19.1618	12.1301	11.7478	19.1618	19.1618
L3-526 - Weir: 2	100YR2 4hr	0.57	0.00	0.00	1.80	1.80	16.0118	0.0000	14.9595	16.0118	16.0118
L3-526 - Weir: 3	100YR2 4hr	0.16	0.00	0.00	0.82	0.82	16.0118	0.0000	14.9595	16.0118	16.0118
Lake 4 - 512 - Pipe	002YR0 1HR	1.11	0.00	0.00	0.00	0.00	2.9790	0.0000	0.9415	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 1HR	1.06	0.00	0.00	4.22	4.22	2.9790	0.0000	0.9404	2.9790	2.9790
Lake 4 - 512 - Weir: 2	002YR0 1HR	0.06	0.00	0.00	0.00	0.00	2.9790	0.0000	1.8492	0.0000	0.0000
Lake 4 - 512 - Pipe	002YR0 2HR	4.08	0.00	0.01	0.00	0.00	2.5057	0.0000	2.0620	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 2HR	1.22	0.00	0.00	4.89	4.89	2.5003	0.0000	1.3910	2.5003	2.5003
Lake 4 -	002YR0	2.86	0.00	0.00	1.70	1.70	2.5003	0.0000	2.0535	2.5003	2.5003

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
512 - Weir: 2	2HR										
Lake 4 - 512 - Pipe	002YR0 3HR	5.51	0.00	0.01	0.00	0.00	3.3381	0.0000	2.9574	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 3HR	1.27	0.00	0.00	5.08	5.08	3.3327	0.0000	1.8720	3.3327	3.3327
Lake 4 - 512 - Weir: 2	002YR0 3HR	4.24	0.00	0.01	1.94	1.94	3.3327	0.0000	2.9306	3.3580	3.3580
Lake 4 - 512 - Pipe	002YR0 6HR	8.54	0.00	0.01	0.00	0.00	4.9578	0.0000	4.3802	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR0 6HR	1.33	0.00	0.00	5.33	5.33	6.3122	0.0000	3.2865	6.3122	6.3122
Lake 4 - 512 - Weir: 2	002YR0 6HR	7.22	0.00	0.01	2.31	2.31	4.9578	0.0000	4.3466	4.9578	4.9578
Lake 4 - 512 - Pipe	002YR1 2HR	11.90	0.00	0.01	0.00	0.00	7.2816	0.0000	6.5279	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR1 2HR	1.33	0.00	0.00	5.33	5.33	6.6334	0.0000	6.8720	6.6334	6.6334
Lake 4 - 512 - Weir: 2	002YR1 2HR	10.66	0.00	-0.01	2.63	2.63	7.2729	0.0000	8.8898	7.2729	7.2729
Lake 4 - 512 - Pipe	002YR2 4HR	16.51	0.00	0.01	0.00	0.00	12.9524	0.0000	12.2115	0.0000	0.0000
Lake 4 - 512 - Weir: 1	002YR2 4HR	1.33	0.00	0.00	5.33	5.33	12.3633	0.0000	13.5666	12.3633	12.3633
Lake 4 - 512 - Weir: 2	002YR2 4HR	15.35	0.00	-0.01	2.97	2.97	12.9476	0.0000	14.8008	12.9476	12.9476
Lake 4 - 512 - Pipe	010YR0 1Hr	13.00	0.00	-0.01	0.00	0.00	1.4775	0.0000	1.8543	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 1Hr	1.33	0.00	0.00	5.33	5.33	2.6406	0.0000	1.2526	2.6406	2.6406
Lake 4 -	010YR0	11.78	0.00	-0.01	2.72	2.72	1.4761	0.0000	1.8459	1.4761	1.4761

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
512 - Weir: 2	1Hr										
Lake 4 - 512 - Pipe	010YR0 2Hr	19.89	0.00	-0.01	0.00	0.00	2.1492	0.0000	2.6057	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 2Hr	1.33	0.00	0.00	5.33	5.33	1.5245	0.0000	2.6025	1.5245	1.5245
Lake 4 - 512 - Weir: 2	010YR0 2Hr	18.78	0.00	-0.01	3.12	3.12	2.1486	0.0000	2.6052	2.1746	2.1746
Lake 4 - 512 - Pipe	010YR0 3Hr	20.48	0.00	-0.02	0.00	0.00	2.6469	0.0000	3.5510	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 3Hr	1.33	0.00	0.00	5.33	5.33	5.1296	0.0000	3.4818	5.1296	5.1296
Lake 4 - 512 - Weir: 2	010YR0 3Hr	19.38	0.00	-0.01	3.13	3.13	2.6445	0.0000	3.5410	2.6543	2.6543
Lake 4 - 512 - Pipe	010YR0 6Hr	25.65	0.00	-0.02	0.00	0.00	4.0019	0.0000	3.6452	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR0 6Hr	1.33	0.00	0.00	5.33	5.33	8.0070	0.0000	5.8488	8.0070	8.0070
Lake 4 - 512 - Weir: 2	010YR0 6Hr	24.59	0.00	-0.03	3.21	3.21	3.9996	0.0000	3.6452	3.8753	3.8753
Lake 4 - 512 - Pipe	010YR1 2Hr	30.49	0.00	-0.02	0.00	0.00	6.9055	0.0000	6.4459	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR1 2Hr	1.33	0.00	0.00	5.33	5.33	6.2530	0.0000	6.3603	6.2530	6.2530
Lake 4 - 512 - Weir: 2	010YR1 2Hr	29.43	0.00	-0.04	3.30	3.30	6.9055	0.0000	6.4459	6.9055	6.9055
Lake 4 - 512 - Pipe	010YR2 4Hr	35.69	0.00	0.02	0.00	0.00	12.7413	0.0000	14.4165	0.0000	0.0000
Lake 4 - 512 - Weir: 1	010YR2 4Hr	1.33	0.00	0.00	5.33	5.33	12.1028	0.0000	12.1977	12.1028	12.1028
Lake 4 -	010YR2	34.65	0.00	0.03	3.85	3.85	12.7397	0.0000	14.4158	12.7397	12.7397

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
512 - Weir: 2	4Hr										
Lake 4 - 512 - Pipe	1 1/4" 24hr	0.83	0.00	0.00	0.00	0.00	23.9917	0.0000	12.5778	0.0000	0.0000
Lake 4 - 512 - Weir: 1	1 1/4" 24hr	0.83	0.00	0.00	3.32	3.32	23.9917	0.0000	12.5739	23.9917	23.9917
Lake 4 - 512 - Weir: 2	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Lake 4 - 512 - Pipe	100YR0 1hr	35.51	0.00	-0.02	0.00	0.00	1.4230	0.0000	1.7626	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 1hr	1.33	0.00	0.00	5.33	5.33	0.8562	0.0000	0.9436	0.8562	0.8562
Lake 4 - 512 - Weir: 2	100YR0 1hr	34.47	0.00	0.03	3.83	3.83	1.4220	0.0000	2.3732	1.4220	1.4220
Lake 4 - 512 - Pipe	100YR0 2hr	42.98	0.00	0.02	0.00	0.00	2.1641	0.0000	1.5261	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 2hr	1.33	0.00	0.00	5.33	5.33	1.2982	0.0000	1.3675	1.2982	1.2982
Lake 4 - 512 - Weir: 2	100YR0 2hr	41.82	0.00	0.03	4.65	4.65	2.1601	0.0000	3.6007	2.1601	2.1601
Lake 4 - 512 - Pipe	100YR0 3hr	44.11	0.00	0.03	0.00	0.00	2.6859	0.0000	2.0207	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 3hr	1.33	0.00	0.00	5.33	5.33	1.7688	0.0000	1.8337	1.7688	1.7688
Lake 4 - 512 - Weir: 2	100YR0 3hr	42.92	0.00	0.03	4.77	4.77	2.6859	0.0000	4.4469	2.6859	2.6859
Lake 4 - 512 - Pipe	100YR0 6hr	48.29	0.00	0.02	0.00	0.00	4.1024	0.0000	3.2829	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR0 6hr	1.33	0.00	0.00	5.33	5.33	10.9544	0.0000	3.2340	10.9544	10.9544
Lake 4 -	100YR0	46.98	0.00	0.04	5.22	5.22	4.1024	0.0000	6.9590	4.1024	4.1024

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
512 - Weir: 2	6hr										
Lake 4 - 512 - Pipe	100YR1 2hr	49.33	0.00	0.03	0.00	0.00	7.0165	0.0000	6.2285	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR1 2hr	1.33	0.00	0.00	5.33	5.33	7.0165	0.0000	6.1298	7.0165	7.0165
Lake 4 - 512 - Weir: 2	100YR1 2hr	48.00	0.00	0.03	5.33	5.33	7.0165	0.0000	10.6417	7.0165	7.0165
Lake 4 - 512 - Pipe	100YR2 4hr	49.59	0.00	0.03	0.00	0.00	12.8737	0.0000	12.1155	0.0000	0.0000
Lake 4 - 512 - Weir: 1	100YR2 4hr	1.34	0.00	0.00	5.36	5.36	12.8737	0.0000	11.9782	12.8737	12.8737
Lake 4 - 512 - Weir: 2	100YR2 4hr	48.25	0.00	0.04	5.36	5.36	12.8737	0.0000	16.3757	12.8737	12.8737
Ninevah CMP	002YR0 1HR	6.78	0.00	0.02	2.63	4.51	0.8319	0.0000	1.8704	0.8380	0.8387
Ninevah CMP	002YR0 2HR	8.19	0.00	0.04	2.76	4.79	1.3157	0.0000	2.7604	1.3199	1.3216
Ninevah CMP	002YR0 3HR	8.51	0.00	0.02	2.80	4.85	1.8048	0.0000	3.6982	1.8089	1.8105
Ninevah CMP	002YR0 6HR	10.61	-0.03	0.02	2.97	5.20	3.2827	9.3984	6.6210	3.2857	3.2834
Ninevah CMP	002YR1 2HR	12.43	0.00	-0.02	3.11	4.06	6.2370	0.0000	5.3130	6.2398	6.2338
Ninevah CMP	002YR2 4HR	13.55	0.00	0.02	3.18	2.10	12.1857	0.0000	24.4209	12.1919	12.1888
Ninevah CMP	010YR0 1Hr	15.49	0.00	0.02	3.31	5.85	0.8184	0.0000	1.9948	0.8219	0.8234
Ninevah CMP	010YR0 2Hr	18.38	0.00	0.02	3.48	6.16	1.3041	0.0000	2.8744	1.3068	1.3048
Ninevah CMP	010YR0 3Hr	18.84	0.00	0.02	3.50	6.21	1.7975	0.0000	3.8097	1.8020	1.8027
Ninevah CMP	010YR0 6Hr	22.05	-0.03	0.02	3.68	6.51	3.2774	9.3974	6.7253	3.2825	3.2831
Ninevah CMP	010YR1 2Hr	23.64	0.00	-0.02	3.77	6.64	6.2350	0.0000	4.4560	6.2388	6.2394
Ninevah CMP	010YR2 4Hr	23.25	0.00	0.04	3.75	3.61	12.1864	0.0000	24.5064	12.1873	12.1873
Ninevah	1 1/4"	2.01	-0.03	0.03	1.54	-0.56	12.2186	9.4112	16.5011	12.2230	9.4176



Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
CMP	24hr										
Ninevah CMP	100YR0 1hr	32.02	0.00	0.02	4.35	7.23	0.8134	0.0000	2.1145	0.8172	0.8178
Ninevah CMP	100YR0 2hr	37.74	0.00	0.02	5.11	7.55	1.3008	0.0000	2.9824	1.3008	1.3032
Ninevah CMP	100YR0 3hr	38.86	0.00	0.02	5.26	7.60	1.7907	0.0000	3.9208	1.7907	1.7907
Ninevah CMP	100YR0 6hr	43.46	-0.03	0.02	5.88	7.80	3.2758	9.4006	6.8336	3.2758	3.2765
Ninevah CMP	100YR1 2hr	42.13	0.00	-0.02	5.70	7.10	6.2360	0.0000	3.3461	6.2360	6.2360
Ninevah CMP	100YR2 4hr	37.41	0.00	-0.03	5.06	5.81	12.1830	0.0000	6.8126	12.1830	12.1849
Outlet2-PondB	002YR0 1HR	1.44	0.00	0.01	2.94	4.10	0.9179	0.0000	0.6011	0.9190	0.9264
Outlet2-PondB	002YR0 2HR	1.85	0.00	0.01	3.15	4.42	1.3393	0.0000	1.0824	1.3398	1.3414
Outlet2-PondB	002YR0 3HR	1.97	0.00	0.01	3.20	4.50	1.8281	0.0000	1.5725	1.8293	1.8311
Outlet2-PondB	002YR0 6HR	2.77	0.00	0.01	3.51	4.98	3.2922	0.0000	3.0324	3.2930	3.2942
Outlet2-PondB	002YR1 2HR	3.70	0.00	0.01	3.80	5.43	6.2499	0.0000	5.9205	6.2503	6.2530
Outlet2-PondB	002YR2 4HR	4.56	0.00	0.01	4.03	1.38	12.1983	0.0000	11.4533	12.1988	12.1291
Outlet2-PondB	010YR0 1Hr	4.10	0.00	0.01	3.91	5.59	0.8405	0.0000	0.5585	0.8408	0.8420
Outlet2-PondB	010YR0 2Hr	5.05	0.00	0.01	4.14	5.94	1.3231	0.0000	1.0426	1.3233	1.3260
Outlet2-PondB	010YR0 3Hr	5.30	0.00	0.01	4.20	6.02	1.8144	0.0000	1.5293	1.8147	1.8167
Outlet2-PondB	010YR0 6Hr	6.74	0.00	0.01	4.50	6.46	3.2850	0.0000	2.9416	3.2853	3.2816
Outlet2-PondB	010YR1 2Hr	7.74	0.00	0.01	4.69	6.57	6.2434	0.0000	5.5187	6.2436	6.1716
Outlet2-PondB	010YR2 4Hr	8.09	0.00	0.01	4.75	1.77	12.1954	0.0000	10.2419	12.1957	12.1306
Outlet2-PondB	1 1/4" 24hr	0.57	0.00	0.01	2.32	0.41	13.9614	0.0000	12.1547	13.9639	17.8636
Outlet2-PondB	100YR0 1hr	9.36	0.00	0.01	4.97	7.09	0.8312	0.0000	0.5319	0.8314	0.8312
Outlet2-PondB	100YR0 2hr	11.39	0.00	0.16	5.28	7.49	1.3219	0.0000	1.4506	1.3220	1.3144
Outlet2-PondB	100YR0 3hr	12.06	0.00	0.16	5.38	7.60	1.8117	0.0000	1.9813	1.8119	1.7923

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet2-PondB	100YR0 6hr	14.52	0.00	0.58	5.72	7.82	3.2874	0.0000	3.6755	3.2875	3.2095
Outlet2-PondB	100YR1 2hr	14.80	0.00	0.87	5.75	3.27	6.2547	0.0000	6.5375	6.2548	6.1481
Outlet2-PondB	100YR2 4hr	14.00	0.00	1.01	5.65	2.85	12.3643	0.0000	12.3632	12.3646	12.3643
Pond B Outlet	002YR0 1HR	3.03	0.00	0.01	3.76	5.51	1.6755	0.0000	0.9484	1.6770	1.6860
Pond B Outlet	002YR0 2HR	5.54	0.00	0.01	4.49	6.55	2.3337	0.0000	1.3871	2.3352	2.3337
Pond B Outlet	002YR0 3HR	6.03	0.00	0.13	4.61	6.71	3.1082	0.0000	7.4402	3.1138	3.1192
Pond B Outlet	002YR0 6HR	7.99	-1.66	0.24	5.05	7.26	4.2410	11.9997	7.4407	4.2452	4.2622
Pond B Outlet	002YR1 2HR	11.82	0.00	0.85	5.81	3.88	7.4518	0.0000	7.4406	7.4538	7.4499
Pond B Outlet	002YR2 4HR	15.98	-3.94	-0.26	5.80	5.09	12.8932	11.9308	18.8413	14.4221	12.8932
Pond B Outlet	010YR0 1Hr	11.84	0.00	0.11	5.81	8.05	1.4229	0.0000	2.3720	1.4233	1.4287
Pond B Outlet	010YR0 2Hr	16.57	0.00	-0.12	6.71	8.74	2.0536	0.0000	1.7804	2.0541	2.0600
Pond B Outlet	010YR0 3Hr	17.24	0.00	0.21	6.84	8.81	2.5133	0.0000	7.4407	2.5138	2.5133
Pond B Outlet	010YR0 6Hr	22.43	-0.54	0.44	7.93	9.27	3.7426	11.9999	7.4411	3.7426	4.0404
Pond B Outlet	010YR1 2Hr	23.83	0.00	0.70	7.93	9.31	7.0053	0.0000	6.9995	6.4585	6.4284
Pond B Outlet	010YR2 4Hr	22.70	-3.23	-0.44	7.22	7.22	12.8927	11.4863	18.8403	12.8927	12.8927
Pond B Outlet	1 1/4" 24hr	3.72	-3.94	0.09	3.42	-4.05	13.4603	12.0002	12.7644	16.9086	12.0007
Pond B Outlet	100YR0 1hr	22.83	0.00	0.19	7.93	9.29	1.4103	0.0000	2.2923	1.5731	1.4240
Pond B Outlet	100YR0 2hr	27.31	0.00	-0.19	8.69	9.39	2.1016	0.0000	1.4309	2.1016	2.5388
Pond B Outlet	100YR0 3hr	28.21	0.00	0.45	8.98	9.39	2.5789	0.0000	7.4420	2.5789	3.4113
Pond B Outlet	100YR0 6hr	32.00	0.00	1.73	10.19	10.44	4.0496	0.0000	7.4403	4.0496	4.0496
Pond B Outlet	100YR1 2hr	33.78	0.00	-0.28	10.75	11.05	7.0046	0.0000	18.8406	7.0046	7.0046
Pond B Outlet	100YR2 4hr	30.58	-1.65	-0.86	9.73	9.73	13.0433	10.2887	18.8404	13.0433	13.0433
RearDitc	002YR0	1.05	0.00	0.00	1.96	1.69	1.1038	0.0000	0.8097	0.9916	1.8196

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
h	1HR										
RearDitch	002YR0 2HR	1.22	0.00	0.00	2.09	1.68	1.5942	0.0000	1.3253	1.3939	2.8751
RearDitch	002YR0 3HR	1.27	0.00	0.00	2.13	1.67	1.9304	0.0000	1.8209	1.8753	3.8958
RearDitch	002YR0 6HR	1.74	0.00	0.00	2.34	1.67	3.3155	0.0000	6.1870	3.3119	11.9993
RearDitch	002YR1 2HR	2.41	0.00	0.00	2.54	1.68	6.2276	0.0000	6.2714	6.2370	23.5803
RearDitch	002YR2 4HR	3.07	0.00	0.00	2.70	1.68	12.1616	0.0000	12.2187	12.1704	39.0421
RearDitch	010YR0 1Hr	2.58	0.00	0.00	2.59	1.68	0.8242	0.0000	0.8535	0.8306	1.7890
RearDitch	010YR0 2Hr	3.26	0.00	0.00	2.74	1.66	1.2858	0.0000	1.3336	1.2937	5.9492
RearDitch	010YR0 3Hr	3.45	0.00	0.00	2.78	1.66	1.7728	0.0000	1.8102	1.7778	8.3251
RearDitch	010YR0 6Hr	4.56	0.00	0.00	2.98	1.66	3.2291	0.0000	3.2788	3.2349	11.8517
RearDitch	010YR1 2Hr	5.32	0.00	0.00	3.08	1.67	6.1851	0.0000	6.2346	6.1857	23.9934
RearDitch	010YR2 4Hr	5.53	0.00	0.00	3.10	1.68	12.1395	0.0000	12.2052	12.1403	42.2021
RearDitch	1 1/4" 24hr	0.55	0.00	0.00	1.30	1.64	14.1497	0.0000	16.3819	13.9300	20.9103
RearDitch	100YR0 1hr	6.41	0.00	0.00	3.19	1.62	0.7604	0.0000	0.8532	0.7612	1.9038
RearDitch	100YR0 2hr	8.19	0.00	-0.01	3.35	1.62	1.2418	0.0000	1.3405	1.2421	5.9879
RearDitch	100YR0 3hr	8.74	0.00	-0.01	3.40	1.63	1.7305	0.0000	1.7882	1.7309	8.9726
RearDitch	100YR0 6hr	10.65	0.00	-0.01	3.53	1.78	3.2021	0.0000	3.2782	3.2025	4.0172
RearDitch	100YR1 2hr	11.08	0.00	-0.01	3.56	1.68	7.1395	0.0000	6.2342	7.1999	37.0628
RearDitch	100YR2 4hr	10.81	0.00	-0.01	3.54	1.68	13.0522	0.0000	12.1897	13.0538	45.1652
Virgo Dr	002YR0 1HR	8.49	0.00	-0.01	2.51	2.68	0.8007	0.0000	0.8344	0.7507	0.7375
Virgo Dr	002YR0 2HR	9.91	0.00	-0.01	2.64	2.80	1.2871	0.0000	1.3170	1.2386	1.2232
Virgo Dr	002YR0 3HR	10.23	0.00	-0.01	2.66	2.82	1.7777	0.0000	1.8081	1.7312	1.7135
Virgo Dr	002YR0 6HR	12.24	0.00	-0.05	2.81	2.97	3.2501	0.0000	1.9730	3.2037	3.1970

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Virgo Dr	002YR1 2HR	13.69	0.00	-0.05	2.91	3.02	6.2065	0.0000	2.1063	6.1882	6.1805
Virgo Dr	002YR2 4HR	14.05	0.00	-0.06	2.93	3.01	12.1537	0.0000	13.1171	12.1451	12.1428
Virgo Dr	010YR0 1Hr	17.65	0.00	-0.01	3.59	3.59	0.7711	0.0000	0.8332	0.7711	0.7711
Virgo Dr	010YR0 2Hr	20.37	0.00	0.01	4.15	4.15	1.2610	0.0000	1.1774	1.2610	1.2610
Virgo Dr	010YR0 3Hr	20.70	0.00	0.01	4.22	4.22	1.7516	0.0000	1.6638	1.7516	1.7516
Virgo Dr	010YR0 6Hr	23.37	0.00	0.02	4.76	4.76	3.2194	0.0000	3.1195	3.2194	3.2194
Virgo Dr	010YR1 2Hr	23.49	0.00	-0.05	4.79	4.79	6.2177	0.0000	2.1063	6.2177	6.2177
Virgo Dr	010YR2 4Hr	22.70	0.00	0.99	4.62	4.62	12.1532	0.0000	13.6725	12.1532	12.1532
Virgo Dr	1 1/4" 24hr	3.21	0.00	0.00	1.85	1.94	12.2000	0.0000	12.0541	12.1775	12.1730
Virgo Dr	100YR0 1hr	26.09	0.00	0.11	5.31	5.31	0.9924	0.0000	1.8229	0.9924	0.9924
Virgo Dr	100YR0 2hr	27.91	0.00	-1.97	5.68	5.68	1.5419	0.0000	2.5427	1.5419	1.5419
Virgo Dr	100YR0 3hr	27.98	0.00	1.30	5.70	5.70	2.0207	0.0000	3.3228	2.0207	2.0207
Virgo Dr	100YR0 6hr	27.46	0.00	-0.85	5.59	5.59	3.4375	0.0000	6.2087	3.4375	3.4375
Virgo Dr	100YR1 2hr	26.57	0.00	-0.81	5.41	5.41	6.3462	0.0000	8.6787	6.3462	6.3462
Virgo Dr	100YR2 4hr	24.53	0.00	0.82	5.00	5.00	12.1981	0.0000	14.9893	12.1981	12.1981
Weir-L4-Outlet	002YR0 1HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 3HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR0 6HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR1 2HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	002YR2 4HR	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 1Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-	010YR0	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
Outlet	2Hr										
Weir-L4-Outlet	010YR0 3Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR0 6Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR1 2Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	010YR2 4Hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	1 1/4" 24hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 1hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 3hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR0 6hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR1 2hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
Weir-L4-Outlet	100YR2 4hr	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000	0.0000
WindstarDr	002YR0 1HR	10.53	0.00	-0.01	2.22	2.49	0.8358	0.0000	0.9343	0.8056	0.6924
WindstarDr	002YR0 2HR	12.42	0.00	-0.01	2.34	2.60	1.3247	0.0000	1.4101	1.2907	1.2580
WindstarDr	002YR0 3HR	12.88	0.00	-0.01	2.36	2.62	1.8135	0.0000	1.8984	1.7787	1.7400
WindstarDr	002YR0 6HR	15.79	0.00	0.68	2.51	2.75	3.2805	0.0000	11.4492	3.2686	3.1987
WindstarDr	002YR1 2HR	18.05	0.00	-0.49	2.64	2.86	6.2336	0.0000	12.5353	6.2260	6.2218
WindstarDr	002YR2 4HR	19.05	0.00	0.81	2.74	3.01	12.1928	0.0000	13.1171	12.2329	12.2464
WindstarDr	010YR0 1Hr	22.87	0.00	-0.01	2.88	3.13	0.8039	0.0000	0.8773	0.7787	0.7410
WindstarDr	010YR0 2Hr	26.96	0.00	-0.01	3.11	3.31	1.2836	0.0000	1.2083	1.2790	1.2758
WindstarDr	010YR0 3Hr	27.49	0.00	-0.01	3.14	3.34	1.7643	0.0000	3.2147	1.7643	1.7643
WindstarDr	010YR0 6Hr	31.81	0.00	-0.01	3.38	3.54	3.2483	0.0000	3.6534	3.2437	3.2416
WindstarDr	010YR1 2Hr	32.60	0.00	0.18	3.44	3.59	6.2095	0.0000	7.2230	6.2095	6.2055

Link Name	Sim Name	Max Flow [cfs]	Min Flow [cfs]	Min/Max Delta Flow [cfs]	Max Us Velocity [fps]	Max Ds Velocity [fps]	Time to Max Flow [hrs]	Time to Min Flow [hrs]	Time to Min/Max Delta Flow [hrs]	Time to Max Us Velocity [hrs]	Time to Max Ds Velocity [hrs]
WindstarDr	010YR2 4Hr	31.95	0.00	2.53	3.47	3.69	12.1647	0.0000	13.5514	12.1768	12.1864
WindstarDr	1 1/4" 24hr	3.80	0.00	-0.01	1.69	2.02	12.2411	0.0000	12.4936	12.2339	12.2228
WindstarDr	100YR0 1hr	36.29	0.00	-2.23	3.77	3.82	0.8023	0.0000	1.8229	0.8023	0.6749
WindstarDr	100YR0 2hr	38.28	0.00	4.72	3.98	3.99	1.2863	0.0000	2.4659	1.2863	1.5147
WindstarDr	100YR0 3hr	38.77	0.00	5.89	4.03	4.04	1.7867	0.0000	2.9120	1.7867	1.9801
WindstarDr	100YR0 6hr	40.51	0.00	5.10	4.21	4.22	3.2679	0.0000	5.7296	3.2679	3.3825
WindstarDr	100YR1 2hr	41.01	0.00	4.74	4.26	4.26	6.2684	0.0000	7.9971	6.2684	6.2684
WindstarDr	100YR2 4hr	39.49	0.00	5.53	4.10	4.15	12.1517	0.0000	14.8180	12.1517	12.1426

Node Max Conditions w/ Times [Bluffs Overall]

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-EX-02	002YR0 1HR	739.81	734.65	0.0010	10.59	10.53	397	0.8480	0.3195	0.8248	0.8358
CI-EX-02	002YR0 2HR	739.81	734.82	0.0010	12.49	12.42	398	1.3299	0.3195	1.3012	1.3247
CI-EX-02	002YR0 3HR	739.81	734.85	0.0010	12.94	12.88	398	1.8184	0.3195	1.8033	1.8135
CI-EX-02	002YR0 6HR	739.81	735.09	0.0010	15.84	15.79	398	3.2849	0.3195	3.2712	3.2805
CI-EX-02	002YR1 2HR	739.81	735.25	0.0010	18.10	18.05	398	6.2383	0.3195	6.2253	6.2336
CI-EX-02	002YR2 4HR	739.81	735.32	0.0010	18.97	19.05	398	12.1793	0.3195	12.1692	12.1928
CI-EX-02	010YR0 1Hr	739.81	735.60	0.0010	22.94	22.87	398	0.8080	0.3195	0.7964	0.8039
CI-EX-02	010YR0 2Hr	739.81	735.87	0.0010	27.02	26.96	398	1.2872	0.3195	1.2776	1.2836
CI-EX-02	010YR0 3Hr	739.81	735.92	0.0010	27.59	27.49	398	1.7794	0.3195	1.7646	1.7643
CI-EX-02	010YR0	739.81	736.21	0.0010	31.82	31.81	398	3.2497	0.3195	3.2413	3.2483

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
2	6Hr										
CI-EX-02	010YR1 2Hr	739.81	736.27	0.0010	32.61	32.60	398	6.2128	0.3195	6.2101	6.2095
CI-EX-02	010YR2 4Hr	739.81	736.14	0.0010	31.84	31.95	398	12.1419	0.3195	12.1581	12.1647
CI-EX-02	1 1/4" 24hr	739.81	733.90	0.0010	3.82	3.80	352	12.2430	0.3551	12.2264	12.2411
CI-EX-02	100YR0 1hr	739.81	736.54	-0.0010	36.29	36.29	398	0.8032	1.8181	0.8001	0.8023
CI-EX-02	100YR0 2hr	739.81	736.74	0.0010	38.28	38.28	398	1.2863	1.1406	1.2847	1.2863
CI-EX-02	100YR0 3hr	739.81	736.78	-0.0013	38.77	38.77	398	1.7835	2.9120	1.7833	1.7867
CI-EX-02	100YR0 6hr	739.81	737.04	-0.0018	40.51	40.51	398	3.8071	4.3869	3.2639	3.2679
CI-EX-02	100YR1 2hr	739.81	737.25	-0.0023	40.91	41.01	398	6.7769	7.9972	6.2692	6.2684
CI-EX-02	100YR2 4hr	739.81	737.42	-0.0021	39.52	39.49	398	12.6587	13.3725	12.1510	12.1517
CI-Ex-01	002YR0 1HR	738.95	734.56	0.0009	10.93	10.88	710	0.8510	0.3811	0.8341	0.8510
CI-Ex-01	002YR0 2HR	738.95	734.72	0.0009	12.91	12.89	718	1.3313	0.3811	1.3229	1.3316
CI-Ex-01	002YR0 3HR	738.95	734.75	0.0009	13.39	13.38	719	1.8212	0.3811	1.8129	1.8212
CI-Ex-01	002YR0 6HR	738.95	734.98	0.0010	16.45	16.43	720	3.2870	11.8704	3.2794	3.2870
CI-Ex-01	002YR1 2HR	738.95	735.13	0.0009	18.83	18.81	654	6.2398	0.3811	6.2322	6.2400
CI-Ex-01	002YR2 4HR	738.95	735.19	-0.0010	19.88	20.06	407	12.1772	13.6311	12.1915	12.1998
CI-Ex-01	010YR0 1Hr	738.95	735.47	0.0009	23.84	23.81	726	0.8095	0.3811	0.8031	0.8095
CI-Ex-01	010YR0 2Hr	738.95	735.72	0.0009	28.14	28.12	726	1.2885	0.3811	1.2834	1.2886
CI-Ex-01	010YR0 3Hr	738.95	735.76	0.0009	28.71	28.64	726	1.7809	0.3811	1.7644	1.7810
CI-Ex-01	010YR0 6Hr	738.95	736.03	0.0009	33.26	33.25	711	3.2504	0.3811	3.2456	3.2505
CI-Ex-01	010YR1 2Hr	738.95	736.08	-0.0010	34.15	34.14	537	6.2132	7.8940	6.2078	6.2132
CI-Ex-01	010YR2 4Hr	738.95	735.96	-0.0010	33.45	33.64	407	12.1379	14.8843	12.1642	12.1676
CI-Ex-01	1 1/4" 24hr	738.95	733.83	0.0007	3.91	3.91	361	12.2447	0.3809	12.2411	12.2511

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex-01	100YR0 1hr	738.95	736.35	0.0012	38.38	38.37	726	0.8038	0.6777	0.8001	0.8039
CI-Ex-01	100YR0 2hr	738.95	736.53	0.0014	40.82	40.93	726	1.2857	1.1380	1.2855	1.2863
CI-Ex-01	100YR0 3hr	738.95	736.56	0.0013	41.39	41.38	726	1.7839	2.9120	1.7830	1.7840
CI-Ex-01	100YR0 6hr	738.95	736.97	0.0017	43.51	43.50	612	3.8277	4.3869	3.2506	3.2566
CI-Ex-01	100YR1 2hr	738.95	737.20	0.0020	43.67	43.81	520	6.8018	7.9972	6.2592	6.2584
CI-Ex-01	100YR2 4hr	738.95	737.40	0.0018	42.02	41.97	425	12.8818	13.3725	12.1504	12.1514
CI-Ex-04	002YR0 1HR	739.37	734.97	0.0010	9.01	8.95	321	0.8304	0.2342	0.8063	0.8169
CI-Ex-04	002YR0 2HR	739.37	735.13	0.0010	10.55	10.48	321	1.3176	0.2342	1.2930	1.3020
CI-Ex-04	002YR0 3HR	739.37	735.17	0.0010	10.90	10.80	321	1.8078	0.2342	1.7824	1.7930
CI-Ex-04	002YR0 6HR	739.37	735.41	0.0010	13.10	13.02	321	3.2771	0.2342	3.2543	3.2655
CI-Ex-04	002YR1 2HR	739.37	735.59	0.0010	14.76	14.68	321	6.2312	0.2342	6.2111	6.2203
CI-Ex-04	002YR2 4HR	739.37	735.65	0.0010	15.29	15.22	322	12.1765	0.2342	12.1577	12.1668
CI-Ex-04	010YR0 1Hr	739.37	735.99	0.0010	18.83	18.71	321	0.8018	0.2342	0.7790	0.7853
CI-Ex-04	010YR0 2Hr	739.37	736.32	0.0010	21.81	21.76	321	1.2828	0.2342	1.2682	1.2714
CI-Ex-04	010YR0 3Hr	739.37	736.37	0.0010	22.18	22.13	321	1.7744	0.2342	1.7566	1.7646
CI-Ex-04	010YR0 6Hr	739.37	736.79	0.0010	25.26	25.26	322	3.2493	0.2342	3.2478	3.2506
CI-Ex-04	010YR1 2Hr	739.37	736.86	0.0010	25.72	25.74	322	6.2163	0.2342	6.2302	6.2333
CI-Ex-04	010YR2 4Hr	739.37	736.71	0.0010	24.91	24.97	322	12.1490	0.2342	12.1572	12.1653
CI-Ex-04	1 1/4" 24hr	739.37	734.30	0.0010	3.36	3.35	296	12.2164	0.2456	12.2055	12.2153
CI-Ex-04	100YR0 1hr	739.37	737.26	-0.0013	29.04	29.11	322	0.8268	1.0768	0.9830	0.9798
CI-Ex-04	100YR0 2hr	739.37	737.49	-0.0013	31.05	31.13	322	1.3172	1.6838	1.5166	1.5166
CI-Ex-04	100YR0 3hr	739.37	737.53	-0.0013	31.35	31.41	322	1.8063	2.1986	1.9955	1.9936
CI-Ex-04	100YR0	739.37	737.70	0.0010	31.76	31.80	322	3.2856	0.2342	3.4195	3.4177



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
4	6hr										
CI-Ex-04	100YR1 2hr	739.37	737.65	-0.0010	31.03	31.05	322	6.2279	8.5858	6.3356	6.3351
CI-Ex-04	100YR2 4hr	739.37	737.73	0.0010	28.56	28.52	322	12.4971	0.2456	12.2054	12.2041
CI-Ex-05	002YR0 1HR	739.30	735.06	0.0010	8.55	8.49	214	0.8240	0.2037	0.7930	0.8007
CI-Ex-05	002YR0 2HR	739.30	735.23	0.0010	9.98	9.91	214	1.3126	0.2037	1.2812	1.2871
CI-Ex-05	002YR0 3HR	739.30	735.27	0.0010	10.30	10.23	214	1.8033	0.2037	1.7710	1.7777
CI-Ex-05	002YR0 6HR	739.30	735.52	0.0010	12.31	12.24	214	3.2727	0.2037	3.2436	3.2501
CI-Ex-05	002YR1 2HR	739.30	735.71	0.0010	13.75	13.69	214	6.2263	0.2037	6.2022	6.2065
CI-Ex-05	002YR2 4HR	739.30	735.78	0.0010	14.10	14.05	214	12.1711	0.2037	12.1509	12.1537
CI-Ex-05	010YR0 1Hr	739.30	736.17	0.0010	17.76	17.65	214	0.7981	0.2037	0.7667	0.7711
CI-Ex-05	010YR0 2Hr	739.30	736.56	0.0010	20.48	20.37	214	1.2794	0.2037	1.2539	1.2610
CI-Ex-05	010YR0 3Hr	739.30	736.63	0.0010	20.80	20.70	214	1.7712	0.2037	1.7473	1.7516
CI-Ex-05	010YR0 6Hr	739.30	737.11	0.0010	23.52	23.37	214	3.2463	0.2037	3.2179	3.2194
CI-Ex-05	010YR1 2Hr	739.30	737.19	0.0010	23.64	23.49	214	6.2167	0.2037	6.1576	6.2177
CI-Ex-05	010YR2 4Hr	739.30	737.01	0.0010	22.69	22.70	214	12.1502	0.2037	12.1500	12.1532
CI-Ex-05	1 1/4" 24hr	739.30	734.36	0.0008	3.22	3.21	208	12.2111	0.2209	12.1919	12.2000
CI-Ex-05	100YR0 1hr	739.30	737.63	-0.0023	26.65	26.09	214	0.8636	1.0759	0.6713	0.9924
CI-Ex-05	100YR0 2hr	739.30	737.85	-0.0024	27.85	27.91	214	1.3663	1.6829	1.5423	1.5419
CI-Ex-05	100YR0 3hr	739.30	737.89	-0.0023	27.93	27.98	214	1.8474	2.1977	2.0207	2.0207
CI-Ex-05	100YR0 6hr	739.30	738.05	-0.0014	27.43	27.46	214	3.3224	3.8456	3.4380	3.4375
CI-Ex-05	100YR1 2hr	739.30	737.98	0.0010	26.56	26.57	214	6.2361	0.2037	6.3475	6.3462
CI-Ex-05	100YR2 4hr	739.30	737.96	0.0008	24.57	24.53	214	12.4493	0.2209	12.1979	12.1981
CI-Ex318	002YR0 1HR	738.90	735.33	0.0010	0.92	0.86	211	0.8059	0.0994	0.7552	0.7882

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
CI-Ex318	002YR0 2HR	738.90	735.50	0.0010	1.28	1.18	211	1.2959	0.0994	1.2361	1.2692
CI-Ex318	002YR0 3HR	738.90	735.54	0.0010	1.35	1.21	211	1.7865	0.0994	1.7337	1.7685
CI-Ex318	002YR0 6HR	738.90	735.81	0.0010	1.71	1.58	211	3.2597	0.0994	3.2010	3.2504
CI-Ex318	002YR1 2HR	738.90	736.02	0.0010	2.04	1.88	211	6.2174	0.0994	6.1673	6.1996
CI-Ex318	002YR2 4HR	738.90	736.09	0.0010	2.14	2.05	211	12.1644	0.0994	12.1188	12.1516
CI-Ex318	010YR0 1Hr	738.90	736.72	0.0010	3.33	2.92	211	0.7868	0.0994	0.7223	0.7669
CI-Ex318	010YR0 2Hr	738.90	737.29	0.0010	4.02	3.70	212	1.2706	0.0994	1.1820	1.2502
CI-Ex318	010YR0 3Hr	738.90	737.37	0.0010	4.08	3.80	212	1.7617	0.0994	1.7169	1.7341
CI-Ex318	010YR0 6Hr	738.90	738.05	0.0010	4.96	4.57	212	3.2344	0.0994	3.1837	3.2016
CI-Ex318	010YR1 2Hr	738.90	738.14	0.0010	5.09	4.72	212	6.1915	0.0994	6.1504	6.1581
CI-Ex318	010YR2 4Hr	738.90	737.87	0.0010	4.65	4.41	212	12.1504	0.0994	12.1006	12.1173
CI-Ex318	1 1/4" 24hr	738.90	734.73	0.0010	0.32	0.34	161	12.1980	0.0994	0.1262	0.1906
CI-Ex318	100YR0 1hr	738.90	738.79	-0.0019	7.24	5.88	212	0.8459	1.0780	0.6716	0.6722
CI-Ex318	100YR0 2hr	738.90	739.01	-0.0021	7.83	6.15	2437	1.3820	1.6848	1.1396	1.1397
CI-Ex318	100YR0 3hr	738.90	739.04	-0.0020	7.86	6.16	3153	1.8853	2.1995	1.6260	1.6263
CI-Ex318	100YR0 6hr	738.90	739.16	0.0015	7.75	6.10	5758	3.4158	3.0861	3.0866	3.0877
CI-Ex318	100YR1 2hr	738.90	739.12	0.0011	6.93	5.67	4864	6.3611	6.0378	6.0382	6.0391
CI-Ex318	100YR2 4hr	738.90	738.94	0.0010	5.91	5.06	980	12.2558	0.0994	11.9845	11.9852
CI-Ex319	002YR0 1HR	739.00	735.32	0.0010	0.86	0.85	118	0.8069	0.0234	0.7882	0.8026
CI-Ex319	002YR0 2HR	739.00	735.50	0.0010	1.18	1.15	118	1.2972	0.0234	1.2692	1.3106
CI-Ex319	002YR0 3HR	739.00	735.54	0.0010	1.21	1.20	118	1.7874	0.0234	1.7685	1.7905
CI-Ex319	002YR0 6HR	739.00	735.80	0.0010	1.58	1.59	118	3.2602	0.0234	3.2504	3.2727
CI-Ex319	002YR1	739.00	736.01	0.0010	1.88	1.89	118	6.2179	0.0234	6.1996	6.2336

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
9	2HR										
CI-Ex319	002YR2 4HR	739.00	736.08	0.0010	2.05	2.06	118	12.1654	0.0234	12.1516	12.1782
CI-Ex319	010YR0 1Hr	739.00	736.71	0.0010	2.92	2.86	118	0.7874	0.0234	0.7669	0.7874
CI-Ex319	010YR0 2Hr	739.00	737.27	0.0010	3.70	3.61	118	1.2716	0.0234	1.2502	1.2716
CI-Ex319	010YR0 3Hr	739.00	737.35	0.0010	3.80	3.70	118	1.7624	0.0234	1.7341	1.7624
CI-Ex319	010YR0 6Hr	739.00	738.02	0.0010	4.57	4.43	118	3.2350	0.0234	3.2016	3.2350
CI-Ex319	010YR1 2Hr	739.00	738.11	0.0010	4.72	4.54	118	6.1921	0.0234	6.1581	6.2058
CI-Ex319	010YR2 4Hr	739.00	737.85	0.0010	4.41	4.23	118	12.1513	0.0234	12.1173	12.1259
CI-Ex319	1 1/4" 24hr	739.00	734.78	0.0010	0.32	0.32	113	0.2662	0.0234	0.1145	0.1262
CI-Ex319	100YR0 1hr	739.00	738.75	-0.0019	5.88	5.01	118	0.8473	1.0780	0.6722	0.7643
CI-Ex319	100YR0 2hr	739.00	738.98	-0.0021	6.15	5.07	118	1.3853	1.6848	1.1397	1.2246
CI-Ex319	100YR0 3hr	739.00	739.01	-0.0020	6.16	5.06	231	1.8885	2.1995	1.6263	1.7053
CI-Ex319	100YR0 6hr	739.00	739.13	0.0015	6.10	4.99	2893	3.4306	3.0865	3.0877	3.1430
CI-Ex319	100YR1 2hr	739.00	739.09	0.0011	5.67	4.81	2035	6.3713	6.0381	6.0391	6.0660
CI-Ex319	100YR2 4hr	739.00	738.92	0.0010	5.06	4.49	117	12.2588	0.0234	11.9852	12.0602
DS Ex CB	002YR0 1HR	738.91	731.66	0.0009	3.03	0.00	0	3.0012	2.4770	1.6755	0.0000
DS Ex CB	002YR0 2HR	738.91	732.41	0.0015	5.54	0.00	0	6.0002	0.8496	2.3337	0.0000
DS Ex CB	002YR0 3HR	738.91	733.16	0.0023	6.03	0.00	0	9.0016	1.1336	3.1082	0.0000
DS Ex CB	002YR0 6HR	738.91	733.91	0.0042	7.99	1.66	0	12.0002	1.7563	4.2410	11.9997
DS Ex CB	002YR1 2HR	738.91	733.91	0.0042	11.82	0.00	0	12.0002	1.7563	7.4518	0.0000
DS Ex CB	002YR2 4HR	738.91	733.91	0.0042	15.98	3.94	0	12.0000	1.7563	12.8932	11.9308
DS Ex CB	010YR0 1Hr	738.91	731.66	0.0003	11.84	0.00	0	3.0005	1.8448	1.4229	0.0000
DS Ex CB	010YR0 2Hr	738.91	732.41	0.0009	16.57	0.00	0	6.0009	0.6723	2.0536	0.0000

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
DS Ex CB	010YR0 3Hr	738.91	733.16	0.0016	17.24	0.00	0	9.0002	0.9151	2.5133	0.0000
DS Ex CB	010YR0 6Hr	738.91	733.91	0.0033	22.43	0.54	0	12.0002	1.4539	3.7426	11.9999
DS Ex CB	010YR1 2Hr	738.91	733.91	0.0042	23.83	0.00	0	12.0007	1.7563	7.0053	0.0000
DS Ex CB	010YR2 4Hr	738.91	733.91	0.0042	22.70	3.23	0	12.0000	1.7563	12.8927	11.4863
DS Ex CB	1 1/4" 24hr	738.91	733.91	0.0001	3.72	3.94	0	12.0000	0.1092	13.4603	12.0002
DS Ex CB	100YR0 1hr	738.91	731.66	0.0003	22.83	0.00	0	3.0008	2.9495	1.4103	0.0000
DS Ex CB	100YR0 2hr	738.91	732.41	0.0006	27.31	0.00	0	6.0014	5.9409	2.1016	0.0000
DS Ex CB	100YR0 3hr	738.91	733.16	0.0010	28.21	0.00	0	9.0019	0.7091	2.5789	0.0000
DS Ex CB	100YR0 6hr	738.91	733.91	0.0023	32.00	0.00	0	12.0002	1.1336	4.0496	0.0000
DS Ex CB	100YR1 2hr	738.91	733.91	0.0042	33.78	0.00	0	12.0000	1.7563	7.0046	0.0000
DS Ex CB	100YR2 4hr	738.91	733.91	0.0001	30.58	1.65	0	12.0000	0.1092	13.0433	10.2887
Direct Discharge	002YR0 1HR	0.00	0.00	0.0000	15.19	0.00	0	0.0000	0.0000	0.7500	0.0000
Direct Discharge	002YR0 2HR	0.00	0.00	0.0000	18.16	0.00	0	0.0000	0.0000	1.2334	0.0000
Direct Discharge	002YR0 3HR	0.00	0.00	0.0000	18.71	0.00	0	0.0000	0.0000	1.7333	0.0000
Direct Discharge	002YR0 6HR	0.00	0.00	0.0000	22.57	0.00	0	0.0000	0.0000	3.2000	0.0000
Direct Discharge	002YR1 2HR	0.00	0.00	0.0000	24.97	0.00	0	0.0000	0.0000	6.1667	0.0000
Direct Discharge	002YR2 4HR	0.00	0.00	0.0000	25.18	0.00	0	0.0000	0.0000	12.1166	0.0000
Direct Discharge	010YR0 1Hr	0.00	0.00	0.0000	32.61	0.00	0	0.0000	0.0000	0.7333	0.0000
Direct Discharge	010YR0 2Hr	0.00	0.00	0.0000	37.97	0.00	0	0.0000	0.0000	1.2333	0.0000

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
e											
Direct Discharge	010YR0 3Hr	0.00	0.00	0.0000	38.58	0.00	0	0.0000	0.0000	1.7167	0.0000
Direct Discharge	010YR0 6Hr	0.00	0.00	0.0000	43.87	0.00	0	0.0000	0.0000	3.1834	0.0000
Direct Discharge	010YR1 2Hr	0.00	0.00	0.0000	44.63	0.00	0	0.0000	0.0000	6.1500	0.0000
Direct Discharge	010YR2 4Hr	0.00	0.00	0.0000	41.17	0.00	0	0.0000	0.0000	12.1167	0.0000
Direct Discharge	1 1/4" 24hr	0.00	0.00	0.0000	4.94	0.00	0	0.0000	0.0000	12.1333	0.0000
Direct Discharge	100YR0 1hr	0.00	0.00	0.0000	64.66	0.00	0	0.0000	0.0000	0.7333	0.0000
Direct Discharge	100YR0 2hr	0.00	0.00	0.0000	75.51	0.00	0	0.0000	0.0000	1.2167	0.0000
Direct Discharge	100YR0 3hr	0.00	0.00	0.0000	76.97	0.00	0	0.0000	0.0000	1.7166	0.0000
Direct Discharge	100YR0 6hr	0.00	0.00	0.0000	84.94	0.00	0	0.0000	0.0000	3.1834	0.0000
Direct Discharge	100YR1 2hr	0.00	0.00	0.0000	79.33	0.00	0	0.0000	0.0000	6.1500	0.0000
Direct Discharge	100YR2 4hr	0.00	0.00	0.0000	66.01	0.00	0	0.0000	0.0000	12.1167	0.0000
EastFarmField	002YR0 1HR	743.00	737.30	0.0006	6.78	0.00	0	3.0012	2.4806	0.8319	0.0000
EastFarmField	002YR0 2HR	743.00	737.80	0.0010	8.19	0.00	0	6.0002	0.8496	1.3157	0.0000
EastFarmField	002YR0 3HR	743.00	738.30	0.0016	8.51	0.00	0	9.0016	1.1429	1.8048	0.0000
EastFarmField	002YR0 6HR	743.00	738.80	0.0028	10.61	0.03	0	12.0002	1.7730	3.2827	9.3984
EastFarmField	002YR1 2HR	743.00	738.80	0.0028	12.43	0.00	0	12.0002	1.7730	6.2370	0.0000
EastFarmField	002YR2	743.00	738.80	0.0028	13.55	0.00	0	12.0000	1.7730	12.1857	0.0000

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
mField	4HR										
EastFar mField	010YR0 1Hr	743.00	737.30	0.0002	15.49	0.00	0	3.0005	1.8437	0.8184	0.0000
EastFar mField	010YR0 2Hr	743.00	737.80	0.0006	18.38	0.00	0	6.0009	0.6759	1.3041	0.0000
EastFar mField	010YR0 3Hr	743.00	738.30	0.0011	18.84	0.00	0	9.0002	0.9610	1.7975	0.0000
EastFar mField	010YR0 6Hr	743.00	738.80	0.0022	22.05	0.03	0	12.0002	1.4805	3.2774	9.3974
EastFar mField	010YR1 2Hr	743.00	738.80	0.0028	23.64	0.00	0	12.0007	1.7730	6.2350	0.0000
EastFar mField	010YR2 4Hr	743.00	738.80	0.0028	23.25	0.00	0	12.0000	1.7730	12.1864	0.0000
EastFar mField	1 1/4" 24hr	743.00	738.80	0.0000	2.01	0.03	0	12.0000	0.1089	12.2186	9.4112
EastFar mField	100YR0 1hr	743.00	737.30	0.0002	32.02	0.00	0	3.0008	2.9506	0.8134	0.0000
EastFar mField	100YR0 2hr	743.00	737.80	0.0004	37.74	0.00	0	6.0014	5.9409	1.3008	0.0000
EastFar mField	100YR0 3hr	743.00	738.30	0.0007	38.86	0.00	0	9.0019	0.7132	1.7907	0.0000
EastFar mField	100YR0 6hr	743.00	738.80	0.0016	43.46	0.03	0	12.0002	1.1429	3.2758	9.4006
EastFar mField	100YR1 2hr	743.00	738.80	0.0028	42.13	0.00	0	12.0000	1.7730	6.2360	0.0000
EastFar mField	100YR2 4hr	743.00	738.80	0.0000	37.41	0.00	0	12.0000	0.1089	12.1830	0.0000
Ex Pond A	002YR0 1HR	738.00	735.25	0.0002	11.87	0.82	63909	1.3828	0.8323	0.7667	1.3939
Ex Pond A	002YR0 2HR	738.00	735.35	0.0002	14.84	1.03	64452	2.2657	1.3154	1.2500	2.2741
Ex Pond A	002YR0 3HR	738.00	735.37	0.0002	15.55	1.08	64582	3.2010	1.8010	1.7333	3.2104
Ex Pond A	002YR0 6HR	738.00	735.46	0.0003	20.00	1.27	65087	5.2104	3.2792	3.2166	5.2266
Ex Pond A	002YR1 2HR	738.00	735.53	0.0003	23.58	1.42	65530	8.0056	6.2404	6.1667	8.0437
Ex Pond A	002YR2 4HR	738.00	735.62	0.0003	25.11	1.51	66034	14.0989	12.1895	12.1333	14.1591
Ex Pond A	010YR0 1Hr	738.00	735.63	0.0002	29.84	1.54	66086	1.3921	0.8274	0.7500	1.2702
Ex Pond A	010YR0 2Hr	738.00	735.82	0.0002	36.31	1.85	67181	2.2693	1.3157	1.2334	2.1613
Ex Pond A	010YR0 3Hr	738.00	735.87	-0.0002	37.39	1.92	67454	3.2040	6.5849	1.7333	3.1925

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Ex Pond A	010YR0 6Hr	738.00	736.04	-0.0002	44.64	2.21	68533	5.2255	1.4539	3.2000	5.2439
Ex Pond A	010YR1 2Hr	738.00	736.15	-0.0003	46.98	2.41	69297	8.0118	1.7396	6.1667	7.3172
Ex Pond A	010YR2 4Hr	738.00	736.29	-0.0003	44.70	2.64	70285	13.9486	24.1334	12.1167	14.2591
Ex Pond A	1 1/4" 24hr	738.00	735.00	0.0000	3.12	0.32	62488	0.0000	12.1503	12.1500	0.1145
Ex Pond A	100YR0 1hr	738.00	736.35	0.0004	64.31	2.68	70696	1.4136	0.7987	0.7334	1.7589
Ex Pond A	100YR0 2hr	738.00	736.79	0.0004	76.75	3.17	73827	2.3172	1.2571	1.2200	3.2075
Ex Pond A	100YR0 3hr	738.00	736.94	-0.0004	79.20	3.34	74942	3.2514	8.0916	1.7167	4.1555
Ex Pond A	100YR0 6hr	738.00	737.40	-0.0005	89.37	3.78	78242	6.0664	12.9289	3.1834	7.1475
Ex Pond A	100YR1 2hr	738.00	737.51	-0.0005	85.20	3.84	78968	8.9541	16.2200	6.1500	11.4165
Ex Pond A	100YR2 4hr	738.00	737.53	0.0005	72.54	3.86	79121	14.7109	12.1678	12.1167	17.3235
Ex Pond B	002YR0 1HR	737.00	733.42	0.0006	18.69	3.03	42055	1.6748	0.8630	0.8833	1.6755
Ex Pond B	002YR0 2HR	737.00	733.66	0.0007	22.41	5.54	42941	2.3331	1.4132	1.3611	2.3337
Ex Pond B	002YR0 3HR	737.00	733.70	0.0007	23.37	6.03	43088	3.1054	1.8950	1.8502	3.1082
Ex Pond B	002YR0 6HR	737.00	733.88	0.0007	29.49	7.99	43676	12.0002	3.2966	3.3175	4.2410
Ex Pond B	002YR1 2HR	737.00	734.07	0.0009	35.14	11.82	44350	6.9856	11.5986	6.2703	7.4518
Ex Pond B	002YR2 4HR	737.00	734.72	0.0010	39.53	15.98	46213	12.7091	10.3559	12.2207	12.8932
Ex Pond B	010YR0 1Hr	737.00	734.11	0.0006	42.34	11.84	44532	1.4224	0.8274	0.8465	1.4229
Ex Pond B	010YR0 2Hr	737.00	734.38	0.0005	50.00	16.57	45403	2.0530	1.3157	1.3260	2.0536
Ex Pond B	010YR0 3Hr	737.00	734.41	-0.0005	51.62	17.24	45503	2.5128	3.5421	1.8165	2.5133
Ex Pond B	010YR0 6Hr	737.00	734.68	-0.0007	61.57	22.43	46334	3.8784	4.3787	3.3012	3.7426
Ex Pond B	010YR1 2Hr	737.00	735.01	-0.0010	66.70	23.83	47354	6.8968	7.8940	6.2608	7.0053
Ex Pond B	010YR2 4Hr	737.00	735.77	0.0010	67.10	22.70	50174	12.7977	11.4918	12.1981	12.8927
Ex Pond	1 1/4"	737.00	733.79	0.0002	9.82	3.72	43212	12.8667	12.2703	12.2753	13.4603

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
B	24hr										
Ex Pond B	100YR0 1hr	737.00	735.35	-0.0007	81.89	22.83	48549	1.4101	2.1009	0.9057	1.4103
Ex Pond B	100YR0 2hr	737.00	736.04	-0.0009	93.59	27.31	51261	2.1015	3.6077	1.4000	2.1016
Ex Pond B	100YR0 3hr	737.00	736.19	-0.0009	96.71	28.21	51743	2.5786	4.3930	1.8722	2.5789
Ex Pond B	100YR0 6hr	737.00	736.88	-0.0009	109.33	32.00	54818	4.0492	7.4478	3.3695	4.0496
Ex Pond B	100YR1 2hr	737.00	737.13	0.0008	109.39	33.78	55345	6.9993	5.0872	6.2996	7.0046
Ex Pond B	100YR2 4hr	737.00	737.38	0.0008	100.28	30.58	55345	12.9286	12.1930	12.2239	13.0433
Lake 1	002YR0 1HR	748.00	743.31	0.0010	17.09	0.88	24297	1.6201	0.8597	0.8334	1.6154
Lake 1	002YR0 2HR	748.00	743.68	0.0010	19.90	1.03	25354	2.4406	1.3273	1.3167	2.4280
Lake 1	002YR0 3HR	748.00	743.80	0.0010	20.43	1.08	25703	3.3500	1.8822	1.8167	3.3282
Lake 1	002YR0 6HR	748.00	744.19	0.0010	23.98	1.22	26834	6.1705	3.2942	3.2834	6.1491
Lake 1	002YR1 2HR	748.00	744.47	0.0010	26.38	1.49	27669	8.8035	6.2875	6.2499	8.7816
Lake 1	002YR2 4HR	748.00	744.75	0.0010	27.03	2.00	28471	14.0142	12.2089	12.1834	14.0115
Lake 1	010YR0 1Hr	748.00	744.42	0.0008	34.10	1.42	27515	1.6407	0.8274	0.8168	1.6280
Lake 1	010YR0 2Hr	748.00	744.95	0.0007	39.12	2.38	29061	2.3842	1.3157	1.3167	2.3792
Lake 1	010YR0 3Hr	748.00	745.09	0.0006	39.54	2.55	29450	3.2654	1.8084	1.8001	3.2844
Lake 1	010YR0 6Hr	748.00	745.50	0.0006	44.41	3.00	30655	5.1228	3.2827	3.2833	5.1006
Lake 1	010YR1 2Hr	748.00	745.81	-0.0007	45.50	3.29	31538	7.7784	12.5634	6.2333	7.7609
Lake 1	010YR2 4Hr	748.00	746.07	-0.0009	43.08	3.51	32318	13.6815	19.1813	12.1834	13.6553
Lake 1	1 1/4" 24hr	748.00	742.64	0.0003	6.09	0.52	22430	14.2892	12.2003	12.2167	14.3011
Lake 1	100YR0 1hr	748.00	746.03	0.0010	64.42	3.48	32205	1.5756	0.7987	0.8167	1.5679
Lake 1	100YR0 2hr	748.00	746.93	0.0009	74.19	4.16	35030	2.3772	1.2577	1.3167	2.3698
Lake 1	100YR0 3hr	748.00	747.19	-0.0010	75.61	4.76	37185	3.2360	8.0916	1.8000	3.2247



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Lake 1	100YR0 6hr	748.00	747.55	-0.0010	82.67	9.05	40784	4.2446	10.2031	3.2667	4.2394
Lake 1	100YR1 2hr	748.00	747.67	0.0010	78.57	10.29	42060	7.1045	5.0872	6.2333	7.1011
Lake 1	100YR2 4hr	748.00	747.64	0.0010	67.74	10.06	41771	13.0091	12.1678	12.1833	12.9995
Lake 2	002YR0 1HR	741.00	735.37	0.0003	16.36	0.26	76768	1.7349	0.8323	0.7833	1.7247
Lake 2	002YR0 2HR	741.00	735.52	0.0003	19.82	0.45	77647	2.5446	1.3273	1.2667	2.5413
Lake 2	002YR0 3HR	741.00	735.58	0.0003	20.58	0.53	78016	3.4538	2.9306	1.7666	3.4318
Lake 2	002YR0 6HR	741.00	735.78	0.0004	25.63	0.82	79244	6.2950	4.3466	3.2334	6.2654
Lake 2	002YR1 2HR	741.00	735.95	0.0003	29.75	1.01	80272	12.0862	6.2826	6.2000	12.0951
Lake 2	002YR2 4HR	741.00	736.10	0.0004	32.05	1.15	81274	17.7529	12.2089	12.1500	17.8241
Lake 2	010YR0 1Hr	741.00	735.83	0.0003	38.24	0.89	79527	1.6608	0.8274	0.7833	1.6487
Lake 2	010YR0 2Hr	741.00	736.11	0.0002	45.77	1.15	81334	2.4974	1.3157	1.2667	2.4906
Lake 2	010YR0 3Hr	741.00	736.21	0.0003	46.88	1.24	82054	3.4140	2.8078	1.7509	3.4193
Lake 2	010YR0 6Hr	741.00	736.57	0.0003	55.30	1.52	84525	6.2866	4.2513	3.2333	6.3008
Lake 2	010YR1 2Hr	741.00	736.80	0.0003	58.54	1.68	86144	12.0775	7.2133	6.2000	12.0547
Lake 2	010YR2 4Hr	741.00	736.95	0.0002	56.91	1.78	87178	17.7915	12.1852	12.1500	17.7147
Lake 2	1 1/4" 24hr	741.00	735.25	0.0001	4.94	0.12	75995	24.0003	12.1667	12.1667	23.9903
Lake 2	100YR0 1hr	741.00	736.71	0.0004	80.60	1.62	85568	1.6751	0.7987	0.7667	1.6689
Lake 2	100YR0 2hr	741.00	737.28	0.0004	96.13	1.98	89501	2.5122	1.2571	1.2500	2.4986
Lake 2	100YR0 3hr	741.00	737.50	0.0004	99.42	2.09	91058	3.4304	1.7350	1.7500	3.4189
Lake 2	100YR0 6hr	741.00	738.14	0.0004	112.73	2.36	95502	6.3151	3.4393	3.2333	6.2945
Lake 2	100YR1 2hr	741.00	738.38	0.0004	108.70	2.45	97185	12.1500	6.2113	6.1834	12.1287
Lake 2	100YR2 4hr	741.00	738.34	0.0005	94.75	2.43	96875	18.1810	12.1678	12.1499	18.1168
Lake 3	002YR0	736.00	731.99	0.0004	44.35	0.91	144984	1.6181	0.8323	0.7667	1.6220

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1HR										
Lake 3	002YR0 2HR	736.00	732.14	0.0004	52.27	1.38	145862	2.4322	1.3213	1.2667	2.4322
Lake 3	002YR0 3HR	736.00	732.20	0.0004	53.73	1.65	146193	3.3500	1.8173	1.7500	3.3422
Lake 3	002YR0 6HR	736.00	732.39	0.0004	63.85	2.08	147273	6.2242	3.2942	3.2333	6.1677
Lake 3	002YR1 2HR	736.00	732.55	0.0004	70.35	2.38	148147	10.2033	6.2632	6.1833	10.1863
Lake 3	002YR2 4HR	736.00	732.70	0.0004	70.71	2.65	149029	15.5663	12.2089	12.1334	15.4982
Lake 3	010YR0 1Hr	736.00	732.46	0.0003	92.67	2.22	147678	1.5728	0.8274	0.7666	1.5547
Lake 3	010YR0 2Hr	736.00	732.74	0.0003	107.36	2.71	149254	2.4092	1.3157	1.2500	2.4005
Lake 3	010YR0 3Hr	736.00	732.84	0.0003	108.80	2.87	149810	3.3445	2.8078	1.7500	3.3293
Lake 3	010YR0 6Hr	736.00	733.17	0.0003	122.95	3.36	151752	6.2268	4.2513	3.2167	6.2369
Lake 3	010YR1 2Hr	736.00	733.37	0.0003	125.01	3.62	152958	10.2419	6.2221	6.1833	10.1989
Lake 3	010YR2 4Hr	736.00	733.51	0.0003	115.70	3.81	153851	15.9620	11.4918	12.1334	16.0431
Lake 3	1 1/4" 24hr	736.00	731.79	0.0001	15.09	0.44	143801	20.1489	12.1503	12.1503	20.1105
Lake 3	100YR0 1hr	736.00	733.32	0.0005	180.20	3.54	152670	1.5856	0.7987	0.7666	1.7067
Lake 3	100YR0 2hr	736.00	733.86	0.0005	209.15	4.14	155982	2.4286	1.2571	1.2500	2.9310
Lake 3	100YR0 3hr	736.00	734.08	0.0004	212.62	4.39	157315	3.3624	1.7349	1.7334	3.7737
Lake 3	100YR0 6hr	736.00	734.69	0.0004	233.47	5.22	161035	6.2432	3.2836	3.2167	6.3080
Lake 3	100YR1 2hr	736.00	734.85	0.0005	218.94	5.84	161990	10.2375	6.2113	6.1833	10.2384
Lake 3	100YR2 4hr	736.00	734.82	0.0006	184.20	5.66	161793	16.0068	12.1678	12.1333	16.5327
Lake 4	002YR0 1HR	733.00	730.02	0.0007	48.46	1.11	93854	2.9937	0.8597	0.8545	2.9790
Lake 4	002YR0 2HR	733.00	730.28	0.0007	56.94	4.08	95262	2.5029	1.3273	1.3279	2.5003
Lake 4	002YR0 3HR	733.00	730.37	0.0007	58.55	5.51	95717	3.3339	1.8950	1.8184	3.3327
Lake 4	002YR0 6HR	733.00	730.52	0.0007	70.14	8.54	96549	4.9694	3.2942	3.2778	4.9578

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Lake 4	002YR1 2HR	733.00	730.68	0.0008	78.03	11.90	97371	7.2764	6.2875	6.2272	7.2729
Lake 4	002YR2 4HR	733.00	730.86	0.0008	80.86	16.51	98357	12.9496	12.2089	12.1736	12.9476
Lake 4	010YR0 1Hr	733.00	730.72	0.0006	99.75	13.00	97619	1.4755	0.8274	0.8008	1.4761
Lake 4	010YR0 2Hr	733.00	731.00	0.0005	114.93	19.89	99112	2.1480	1.3157	1.2768	2.1486
Lake 4	010YR0 3Hr	733.00	731.03	0.0005	116.70	20.48	99266	2.6452	1.8084	1.7655	2.6445
Lake 4	010YR0 6Hr	733.00	731.28	-0.0005	131.51	25.65	100657	3.9996	4.9161	3.2283	3.9996
Lake 4	010YR1 2Hr	733.00	731.49	-0.0004	134.48	30.49	101845	6.9044	8.4078	6.1906	6.9055
Lake 4	010YR2 4Hr	733.00	731.67	0.0005	128.49	35.69	102857	12.7400	11.4918	12.1416	12.7397
Lake 4	1 1/4" 24hr	733.00	729.73	0.0002	16.41	0.83	92128	24.0003	12.2547	12.2580	23.9917
Lake 4	100YR0 1hr	733.00	731.66	0.0007	181.73	35.51	102812	1.4221	0.7987	0.7302	1.4220
Lake 4	100YR0 2hr	733.00	732.14	0.0007	198.94	42.98	105447	2.1615	1.2571	1.2139	2.1601
Lake 4	100YR0 3hr	733.00	732.23	0.0006	201.16	44.11	105984	2.6848	1.7349	1.7029	2.6859
Lake 4	100YR0 6hr	733.00	732.65	0.0005	213.08	48.29	108292	4.1112	3.4393	3.1759	4.1024
Lake 4	100YR1 2hr	733.00	732.86	0.0008	204.80	49.33	109475	7.0255	5.0872	6.1535	7.0165
Lake 4	100YR2 4hr	733.00	732.92	0.0006	184.84	49.59	109795	12.8837	12.1678	12.0992	12.8737
Ninevah RdBasin	002YR0 1HR	742.00	739.21	-0.0008	6.79	6.78	351	0.8344	1.8712	0.8215	0.8319
Ninevah RdBasin	002YR0 2HR	742.00	739.31	-0.0009	8.19	8.19	364	1.3173	2.7620	1.3080	1.3157
Ninevah RdBasin	002YR0 3HR	742.00	739.34	-0.0008	8.52	8.51	367	1.8053	3.3172	1.8000	1.8048
Ninevah RdBasin	002YR0 6HR	742.00	739.48	-0.0009	10.62	10.61	383	3.2834	6.6221	3.2686	3.2827
Ninevah RdBasin	002YR1 2HR	742.00	739.59	0.0008	12.44	12.43	397	6.2373	5.3142	6.2333	6.2370
Ninevah RdBasin	002YR2 4HR	742.00	739.66	0.0009	13.56	13.55	382	12.1860	9.0216	12.1832	12.1857
Ninevah RdBasin	010YR0 1Hr	742.00	739.77	0.0007	15.50	15.49	410	0.8194	0.4966	0.8167	0.8184
Ninevah	010YR0	742.00	739.94	-0.0006	18.40	18.38	421	1.3045	2.4167	1.3000	1.3041

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
RdBasin	2Hr										
Ninevah RdBasin	010YR0 3Hr	742.00	739.96	-0.0007	18.87	18.84	423	1.7991	3.2246	1.7841	1.7975
Ninevah RdBasin	010YR0 6Hr	742.00	740.14	0.0009	22.07	22.05	451	3.2786	2.4087	3.2671	3.2774
Ninevah RdBasin	010YR1 2Hr	742.00	740.23	0.0008	23.66	23.64	454	6.2361	4.4582	6.2333	6.2350
Ninevah RdBasin	010YR2 4Hr	742.00	740.20	-0.0010	23.27	23.25	420	12.1857	24.5074	12.1833	12.1864
Ninevah RdBasin	1 1/4" 24hr	742.00	738.85	-0.0002	2.00	2.01	316	12.1919	16.5028	12.2167	12.2186
Ninevah RdBasin	100YR0 1hr	742.00	740.67	0.0005	32.04	32.02	455	0.8141	0.4966	0.8007	0.8134
Ninevah RdBasin	100YR0 2hr	742.00	740.98	-0.0005	37.76	37.74	455	1.3012	1.5277	1.2999	1.3008
Ninevah RdBasin	100YR0 3hr	742.00	741.04	0.0007	38.91	38.86	455	1.7920	1.0962	1.7834	1.7907
Ninevah RdBasin	100YR0 6hr	742.00	741.29	0.0009	43.59	43.46	941	3.2763	9.3985	3.2666	3.2758
Ninevah RdBasin	100YR1 2hr	742.00	741.22	0.0009	42.19	42.13	779	6.2364	3.3484	6.2261	6.2360
Ninevah RdBasin	100YR2 4hr	742.00	740.96	-0.0007	37.41	37.41	421	12.1835	12.4122	12.1820	12.1830
Outlet 4	002YR0 1HR	725.00	725.00	0.0000	1.11	0.00	0	0.0000	0.0000	2.9790	0.0000
Outlet 4	002YR0 2HR	725.00	725.00	0.0000	4.08	0.00	0	0.0000	0.0000	2.5244	0.0000
Outlet 4	002YR0 3HR	725.00	725.00	0.0000	5.51	0.00	0	0.0000	0.0000	3.3791	0.0000
Outlet 4	002YR0 6HR	725.00	725.00	0.0000	8.54	0.00	0	0.0000	0.0000	4.9578	0.0000
Outlet 4	002YR1 2HR	725.00	725.00	0.0000	11.90	0.00	0	0.0000	0.0000	7.3123	0.0000
Outlet 4	002YR2 4HR	725.00	725.00	0.0000	16.51	0.00	0	0.0000	0.0000	12.9806	0.0000
Outlet 4	010YR0 1Hr	725.00	725.00	0.0000	13.00	0.00	0	0.0000	0.0000	1.4872	0.0000
Outlet 4	010YR0 2Hr	725.00	725.00	0.0000	19.95	0.00	0	0.0000	0.0000	2.1372	0.0000
Outlet 4	010YR0 3Hr	725.00	725.00	0.0000	20.48	0.00	0	0.0000	0.0000	2.6773	0.0000
Outlet 4	010YR0 6Hr	725.00	725.00	0.0000	25.65	0.00	0	0.0000	0.0000	4.0226	0.0000
Outlet 4	010YR1 2Hr	725.00	725.00	0.0000	30.57	0.00	0	0.0000	0.0000	6.9094	0.0000

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Outlet 4	010YR2 4Hr	725.00	725.00	0.0000	35.68	0.00	0	0.0000	0.0000	12.7621	0.0000
Outlet 4	1 1/4" 24hr	725.00	725.00	0.0000	0.83	0.00	0	0.0000	0.0000	23.9933	0.0000
Outlet 4	100YR0 1hr	725.00	725.00	0.0000	35.50	0.00	0	0.0000	0.0000	1.4319	0.0000
Outlet 4	100YR0 2hr	725.00	725.00	0.0000	42.98	0.00	0	0.0000	0.0000	2.1794	0.0000
Outlet 4	100YR0 3hr	725.00	725.00	0.0000	44.11	0.00	0	0.0000	0.0000	2.6971	0.0000
Outlet 4	100YR0 6hr	725.00	725.00	0.0000	48.29	0.00	0	0.0000	0.0000	4.1322	0.0000
Outlet 4	100YR1 2hr	725.00	725.00	0.0000	49.33	0.00	0	0.0000	0.0000	7.0511	0.0000
Outlet 4	100YR2 4hr	725.00	725.00	0.0000	49.59	0.00	0	0.0000	0.0000	12.9037	0.0000
Outlet1	002YR0 1HR	746.34	740.61	-0.0004	1.24	1.24	389	0.9422	2.0623	0.9168	0.9426
Outlet1	002YR0 2HR	746.34	740.68	-0.0005	1.59	1.58	407	1.4043	2.6496	1.3796	1.4043
Outlet1	002YR0 3HR	746.34	740.70	-0.0005	1.69	1.68	412	1.8925	3.4955	1.8671	1.8928
Outlet1	002YR0 6HR	746.34	740.82	-0.0006	2.35	2.34	434	3.3563	6.4759	3.3336	3.3563
Outlet1	002YR1 2HR	746.34	740.94	-0.0006	3.09	3.08	450	6.2969	7.2685	6.2807	6.2972
Outlet1	002YR2 4HR	746.34	741.04	0.0008	3.80	3.79	459	12.2245	11.3739	12.2120	12.2245
Outlet1	010YR0 1Hr	746.34	741.02	-0.0005	3.67	3.66	458	0.8897	1.7288	0.8715	0.8898
Outlet1	010YR0 2Hr	746.34	741.14	-0.0005	4.56	4.54	464	1.3714	2.5003	1.3500	1.3714
Outlet1	010YR0 3Hr	746.34	741.17	-0.0005	4.78	4.77	465	1.8585	3.5398	1.8458	1.8585
Outlet1	010YR0 6Hr	746.34	741.33	-0.0006	6.10	6.09	466	3.3435	6.5366	3.3331	3.3435
Outlet1	010YR1 2Hr	746.34	741.43	-0.0007	7.00	6.99	466	6.2902	12.4707	6.2834	6.2903
Outlet1	010YR2 4Hr	746.34	741.47	0.0007	7.36	7.35	466	12.2365	10.0692	12.2167	12.2366
Outlet1	1 1/4" 24hr	746.34	740.29	0.0003	0.21	0.21	260	12.3778	12.1608	12.3336	12.3780
Outlet1	100YR0 1hr	746.34	741.63	0.0003	8.87	8.86	466	0.9025	0.6160	0.8898	0.9026
Outlet1	100YR0	746.34	741.81	0.0004	10.66	10.65	466	1.4009	1.0627	1.3900	1.4009

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2hr										
Outlet1	100YR0 3hr	746.34	741.85	0.0004	11.15	11.15	466	1.8899	1.5541	1.8824	1.8900
Outlet1	100YR0 6hr	746.34	742.00	0.0007	12.83	12.82	466	3.3706	2.5342	3.3662	3.3707
Outlet1	100YR1 2hr	746.34	742.01	0.0010	12.91	12.90	466	6.3283	4.5173	6.3167	6.3284
Outlet1	100YR2 4hr	746.34	741.94	-0.0004	12.10	12.10	466	12.2684	12.6071	12.2624	12.2684
Outlet2	002YR0 1HR	738.50	736.92	0.0002	1.49	1.44	1500	0.9172	0.5188	0.7669	0.9179
Outlet2	002YR0 2HR	738.50	736.97	0.0002	1.98	1.85	1641	1.3393	1.0074	1.2427	1.3393
Outlet2	002YR0 3HR	738.50	736.99	0.0003	2.12	1.97	1687	1.8281	1.5013	1.7333	1.8281
Outlet2	002YR0 6HR	738.50	737.08	0.0003	3.04	2.77	2571	3.2920	3.0251	3.2080	3.2922
Outlet2	002YR1 2HR	738.50	737.17	0.0003	4.16	3.70	3562	6.2496	5.7740	6.1667	6.2499
Outlet2	002YR2 4HR	738.50	737.25	0.0004	5.13	4.56	4385	12.1981	11.3937	12.1166	12.1983
Outlet2	010YR0 1Hr	738.50	737.21	0.0003	4.66	4.10	3921	0.8403	0.5046	0.7334	0.8405
Outlet2	010YR0 2Hr	738.50	737.29	0.0003	5.95	5.05	4769	1.3231	0.9889	1.2268	1.3231
Outlet2	010YR0 3Hr	738.50	737.31	0.0003	6.27	5.30	4969	1.8143	1.5239	1.7167	1.8144
Outlet2	010YR0 6Hr	738.50	737.42	0.0003	8.20	6.74	6096	3.2849	2.7237	3.1848	3.2850
Outlet2	010YR1 2Hr	738.50	737.49	0.0005	9.37	7.74	6809	6.2434	5.0756	6.1500	6.2434
Outlet2	010YR2 4Hr	738.50	737.51	0.0005	9.46	8.09	7036	12.1953	9.4543	12.1003	12.1954
Outlet2	1 1/4" 24hr	738.50	736.76	0.0002	0.57	0.57	1130	13.9608	12.0778	13.8792	13.9614
Outlet2	100YR0 1hr	738.50	737.59	0.0003	11.93	9.36	7853	0.8312	0.5210	0.7186	0.8312
Outlet2	100YR0 2hr	738.50	737.73	0.0003	15.16	11.39	9267	1.3219	1.0173	1.2080	1.3219
Outlet2	100YR0 3hr	738.50	737.76	0.0003	16.07	12.06	9652	1.8117	1.5173	1.7000	1.8117
Outlet2	100YR0 6hr	738.50	737.89	0.0004	19.37	14.52	10954	3.2873	2.5280	3.1676	3.2874
Outlet2	100YR1 2hr	738.50	737.91	0.0006	18.94	14.80	11078	6.2546	4.0278	6.1335	6.2547

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Outlet2	100YR2 4hr	738.50	737.86	-0.0003	16.87	14.00	10563	12.2122	12.4113	12.1046	12.3643
PR403	002YR0 1HR	748.89	741.45	-0.0004	0.85	0.85	356	0.7350	2.0328	0.8755	0.8963
PR403	002YR0 2HR	748.89	741.49	-0.0004	1.10	1.09	373	1.3547	2.4173	1.3414	1.3599
PR403	002YR0 3HR	748.89	741.50	-0.0004	1.17	1.16	378	1.8466	3.3391	1.8362	1.8513
PR403	002YR0 6HR	748.89	741.58	0.0005	1.62	1.62	400	3.3129	3.0330	3.3017	3.3165
PR403	002YR1 2HR	748.89	741.66	0.0006	2.15	2.15	418	6.2460	5.9154	6.2269	6.2460
PR403	002YR2 4HR	748.89	741.73	0.0010	2.66	2.65	431	12.1881	11.2371	12.1700	12.1867
PR403	010YR0 1Hr	748.89	741.71	-0.0004	2.54	2.53	428	0.8563	1.6834	0.8384	0.8554
PR403	010YR0 2Hr	748.89	741.79	0.0004	3.16	3.15	440	1.3388	1.0556	1.3202	1.3364
PR403	010YR0 3Hr	748.89	741.82	0.0005	3.31	3.30	442	1.8290	1.5366	1.8087	1.8250
PR403	010YR0 6Hr	748.89	741.93	0.0006	4.20	4.19	448	3.3258	2.9371	3.3046	3.3227
PR403	010YR1 2Hr	748.89	742.02	0.0009	4.84	4.82	449	6.2720	5.4297	6.2486	6.2666
PR403	010YR2 4Hr	748.89	742.05	0.0010	5.10	5.08	449	12.2196	9.9068	12.1967	12.2116
PR403	1 1/4" 24hr	748.89	741.27	0.0005	0.14	0.15	252	12.2603	12.1068	12.3042	12.3272
PR403	100YR0 1hr	748.89	742.19	0.0004	6.05	6.04	449	0.8982	0.5309	0.8783	0.8973
PR403	100YR0 2hr	748.89	742.37	0.0005	7.16	7.16	449	1.4120	1.0173	1.4015	1.4207
PR403	100YR0 3hr	748.89	742.42	0.0006	7.45	7.45	450	1.9067	1.4281	1.8993	1.9195
PR403	100YR0 6hr	748.89	742.61	0.0009	8.43	8.45	450	3.3940	2.4626	3.4038	3.4321
PR403	100YR1 2hr	748.89	742.62	0.0009	8.48	8.51	450	6.3502	4.3956	6.3587	6.3740
PR403	100YR2 4hr	748.89	742.53	-0.0004	8.04	8.05	450	12.2874	12.6329	12.2850	12.3086
PR405	002YR0 1HR	752.00	747.53	0.0004	0.85	0.85	113	0.8746	0.5740	0.8666	0.8755
PR405	002YR0 2HR	752.00	747.59	0.0005	1.10	1.10	113	1.3393	1.0629	1.3333	1.3414
PR405	002YR0	752.00	747.61	0.0006	1.17	1.17	113	1.8356	1.5489	1.8333	1.8362

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3HR										
PR405	002YR0 6HR	752.00	747.70	0.0008	1.62	1.62	114	3.3017	3.0095	3.2999	3.3017
PR405	002YR1 2HR	752.00	747.80	0.0008	2.15	2.15	127	6.2260	5.8725	6.2167	6.2269
PR405	002YR2 4HR	752.00	747.89	0.0010	2.66	2.66	138	12.1692	11.1242	12.1666	12.1700
PR405	010YR0 1Hr	752.00	747.87	0.0006	2.55	2.54	136	0.8375	0.5459	0.8333	0.8384
PR405	010YR0 2Hr	752.00	747.96	0.0009	3.16	3.16	145	1.3194	1.0252	1.3167	1.3202
PR405	010YR0 3Hr	752.00	747.98	0.0009	3.31	3.31	147	1.8074	1.5114	1.8001	1.8087
PR405	010YR0 6Hr	752.00	748.48	0.0008	4.25	4.20	234	3.3041	2.8640	3.2666	3.3046
PR405	010YR1 2Hr	752.00	748.76	0.0010	4.92	4.84	296	6.2482	5.2940	6.2000	6.2486
PR405	010YR2 4Hr	752.00	748.88	0.0010	5.19	5.10	323	12.1963	9.7580	12.1500	12.1967
PR405	1 1/4" 24hr	752.00	747.28	0.0006	0.14	0.14	113	12.3028	12.0536	12.2833	12.3042
PR405	100YR0 1hr	752.00	749.40	-0.0010	6.28	6.05	628	0.8778	1.0407	0.8167	0.8783
PR405	100YR0 2hr	752.00	750.11	-0.0010	7.90	7.16	1097	1.4006	1.5282	1.2834	1.4015
PR405	100YR0 3hr	752.00	750.32	-0.0010	8.39	7.45	1195	1.8996	2.1701	1.7833	1.8993
PR405	100YR0 6hr	752.00	751.08	-0.0010	10.18	8.43	1567	3.4023	3.6207	3.2334	3.4038
PR405	100YR1 2hr	752.00	751.12	-0.0010	10.37	8.48	1597	6.3581	6.5797	6.2000	6.3587
PR405	100YR2 4hr	752.00	750.76	-0.0010	9.48	8.04	1401	12.2864	12.5585	12.1500	12.2850
STR 461	002YR0 1HR	741.20	734.96	0.0004	0.26	0.26	331	1.8184	0.8323	1.7523	1.8319
STR 461	002YR0 2HR	741.20	735.05	0.0005	0.45	0.45	336	2.6856	1.2993	2.5527	2.7225
STR 461	002YR0 3HR	741.20	735.08	0.0005	0.53	0.53	337	3.4363	1.7865	3.4318	3.5025
STR 461	002YR0 6HR	741.20	735.18	0.0006	0.82	0.82	339	6.2950	3.2322	6.2654	6.3328
STR 461	002YR1 2HR	741.20	735.33	0.0006	1.01	1.01	339	6.2789	6.1709	12.0951	12.1962
STR 461	002YR2 4HR	741.20	735.46	0.0005	1.15	1.15	339	12.2447	12.0703	17.8241	17.6881



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 461	010YR0 1Hr	741.20	736.20	0.0008	1.61	1.32	339	0.9036	0.8274	0.8399	0.8866
STR 461	010YR0 2Hr	741.20	736.88	0.0010	2.23	1.76	339	1.4038	1.3157	1.3186	1.3889
STR 461	010YR0 3Hr	741.20	736.97	0.0009	2.29	1.80	339	1.8960	1.8044	1.8083	1.8808
STR 461	010YR0 6Hr	741.20	737.58	0.0010	2.71	2.04	337	3.4184	3.2648	3.2615	3.3736
STR 461	010YR1 2Hr	741.20	737.68	0.0010	2.69	2.01	338	6.3889	6.2221	6.2086	6.3264
STR 461	010YR2 4Hr	741.20	737.65	0.0009	2.48	1.88	350	12.3156	12.1694	12.1694	12.2670
STR 461	1 1/4" 24hr	741.20	734.87	0.0000	0.12	0.12	347	24.0003	12.4703	23.9903	23.9539
STR 461	100YR0 1hr	741.20	738.14	-0.0010	3.10	2.18	336	1.1826	1.5048	0.7261	0.8519
STR 461	100YR0 2hr	741.20	738.33	0.0010	3.20	2.26	336	1.8094	1.2097	1.1951	2.2069
STR 461	100YR0 3hr	741.20	738.37	0.0010	3.19	2.28	336	2.3136	1.6853	1.6829	2.7196
STR 461	100YR0 6hr	741.20	738.55	-0.0010	3.15	2.51	338	3.8949	4.3776	3.1500	4.3462
STR 461	100YR1 2hr	741.20	738.57	-0.0010	2.96	2.57	346	6.8133	7.2856	6.1030	7.2653
STR 461	100YR2 4hr	741.20	738.50	-0.0010	2.65	2.52	351	12.6149	13.0581	12.0352	13.0374
STR 462	002YR0 1HR	739.19	734.88	-0.0005	0.59	0.26	351	0.7747	0.9306	0.6937	1.9011
STR 462	002YR0 2HR	739.19	734.98	-0.0006	0.72	0.45	352	1.2639	1.4132	1.1738	2.7643
STR 462	002YR0 3HR	739.19	735.00	-0.0006	0.73	0.53	352	1.7554	1.8981	1.6620	3.5703
STR 462	002YR0 6HR	739.19	735.16	0.0006	0.83	0.82	353	3.2706	3.1274	3.1281	6.3876
STR 462	002YR1 2HR	739.19	735.32	0.0006	1.01	1.01	353	6.2751	6.0625	12.1962	12.3181
STR 462	002YR2 4HR	739.19	735.45	-0.0006	1.15	1.16	353	12.2350	12.3517	17.6881	12.3602
STR 462	010YR0 1Hr	739.19	736.39	0.0010	2.09	1.61	353	0.8827	0.8188	0.8112	0.8399
STR 462	010YR0 2Hr	739.19	737.23	0.0010	3.04	2.23	353	1.3770	1.3157	1.2861	1.3186
STR 462	010YR0 3Hr	739.19	737.33	0.0010	3.14	2.29	353	1.8685	1.7985	1.7740	1.8083
STR 462	010YR0	739.19	738.01	0.0010	3.89	2.71	352	3.3812	3.2588	3.2407	3.2615

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6Hr										
STR 462	010YR1 2Hr	739.19	738.09	0.0010	3.96	2.69	353	6.3477	6.2033	6.1958	6.2086
STR 462	010YR2 4Hr	739.19	738.01	0.0010	3.48	2.48	353	12.2809	12.1462	12.1433	12.1694
STR 462	1 1/4" 24hr	739.19	734.46	0.0003	0.12	0.12	333	24.0003	12.0986	23.9539	24.0003
STR 462	100YR0 1hr	739.19	738.54	-0.0010	5.16	3.26	349	1.1035	1.4455	0.7011	1.4411
STR 462	100YR0 2hr	739.19	738.67	-0.0010	5.46	3.29	350	1.6732	2.1965	1.1651	2.1641
STR 462	100YR0 3hr	739.19	738.69	0.0010	5.49	3.29	350	2.1618	1.6804	1.6519	2.6772
STR 462	100YR0 6hr	739.19	738.79	-0.0010	5.49	3.55	353	3.6970	4.3358	3.1138	4.3047
STR 462	100YR1 2hr	739.19	738.79	-0.0010	5.07	3.60	353	6.6519	7.2365	6.0695	7.2241
STR 462	100YR2 4hr	739.19	738.72	-0.0010	4.38	3.47	353	12.4985	13.0043	12.0115	12.9965
STR 463	002YR0 1HR	738.80	734.88	-0.0006	1.71	1.53	314	0.7728	0.9306	0.6833	0.6903
STR 463	002YR0 2HR	738.80	734.99	0.0007	1.94	1.70	314	1.2623	0.8496	1.1667	1.1728
STR 463	002YR0 3HR	738.80	735.01	0.0008	1.94	1.70	314	1.7540	1.1895	1.6667	1.6620
STR 463	002YR0 6HR	738.80	735.15	0.0010	2.17	1.81	314	3.2623	2.0563	3.1334	3.1313
STR 463	002YR1 2HR	738.80	735.32	0.0007	2.19	1.85	314	6.2738	3.5505	6.1000	6.1342
STR 463	002YR2 4HR	738.80	735.45	-0.0006	1.99	2.03	314	12.2323	12.3557	12.0667	12.3488
STR 463	010YR0 1Hr	738.80	736.48	0.0009	3.20	2.57	314	0.8671	0.8188	0.6667	0.6750
STR 463	010YR0 2Hr	738.80	737.40	-0.0010	4.10	3.04	314	1.3559	1.5783	1.2648	1.2861
STR 463	010YR0 3Hr	738.80	737.52	-0.0010	4.25	3.14	314	1.8470	2.0866	1.7516	1.7740
STR 463	010YR0 6Hr	738.80	738.20	-0.0010	5.36	3.89	314	3.3458	3.6251	3.2150	3.2407
STR 463	010YR1 2Hr	738.80	738.27	-0.0010	5.47	3.96	314	6.3140	6.5937	6.1678	6.1958
STR 463	010YR2 4Hr	738.80	738.17	0.0010	4.75	3.58	314	12.2503	12.1435	12.1168	12.5158
STR 463	1 1/4" 24hr	738.80	734.45	0.0002	0.55	0.52	309	12.1205	11.9089	12.0833	12.1040

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 463	100YR0 1hr	738.80	738.70	0.0011	8.26	5.40	314	1.0402	0.6987	0.6988	1.3986
STR 463	100YR0 2hr	738.80	738.82	0.0013	9.15	5.46	1086	1.3000	1.1623	1.1624	1.1651
STR 463	100YR0 3hr	738.80	738.84	0.0014	9.29	5.49	1955	1.8048	1.6489	1.6491	1.6519
STR 463	100YR0 6hr	738.80	738.91	0.0015	9.56	5.78	5148	3.3393	3.1105	3.1106	3.1583
STR 463	100YR1 2hr	738.80	738.90	0.0013	8.62	5.48	4415	6.2926	6.0661	6.0663	7.1695
STR 463	100YR2 4hr	738.80	738.82	-0.0010	6.91	5.26	1325	12.2090	12.9448	12.0089	12.9360
STR 464	002YR0 1HR	738.80	734.86	-0.0006	2.36	2.26	457	0.7742	0.9378	0.7427	0.7736
STR 464	002YR0 2HR	738.80	734.97	-0.0006	2.61	2.47	457	1.2633	1.4152	1.2189	1.2614
STR 464	002YR0 3HR	738.80	734.99	-0.0007	2.63	2.48	457	1.7549	1.8981	1.7106	1.7540
STR 464	002YR0 6HR	738.80	735.14	-0.0006	2.80	2.67	457	3.2356	3.3761	3.1773	3.2817
STR 464	002YR1 2HR	738.80	735.31	-0.0006	2.82	2.82	457	6.2716	6.4007	6.1333	6.3702
STR 464	002YR2 4HR	738.80	735.44	-0.0007	2.93	3.11	457	12.2306	12.3570	12.1245	12.3281
STR 464	010YR0 1Hr	738.80	736.49	-0.0009	3.56	3.65	457	0.8675	1.0388	0.6902	1.0357
STR 464	010YR0 2Hr	738.80	737.41	-0.0010	3.65	4.13	457	1.3553	1.5783	1.1650	1.5838
STR 464	010YR0 3Hr	738.80	737.52	-0.0010	3.57	4.21	457	1.8459	2.0652	1.6513	2.0784
STR 464	010YR0 6Hr	738.80	738.21	-0.0010	4.01	4.67	457	3.3468	3.6350	3.2189	3.6116
STR 464	010YR1 2Hr	738.80	738.27	-0.0010	4.06	4.91	457	6.3129	6.5899	6.1719	6.5910
STR 464	010YR2 4Hr	738.80	738.17	-0.0010	4.09	5.02	457	12.2513	12.5128	12.5152	12.5129
STR 464	1 1/4" 24hr	738.80	734.40	0.0003	0.86	0.83	436	12.1375	11.9476	12.1002	12.1403
STR 464	100YR0 1hr	738.80	738.71	-0.0013	6.07	8.31	456	1.0429	1.3686	0.6985	1.3803
STR 464	100YR0 2hr	738.80	738.82	0.0014	6.72	7.99	1142	1.5625	1.1621	1.1621	2.0840
STR 464	100YR0 3hr	738.80	738.84	0.0014	6.99	8.03	1859	2.0509	1.6488	1.6487	2.5999
STR 464	100YR0	738.80	738.91	0.0015	7.40	8.19	5110	3.5654	3.1102	3.1102	4.2284

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6hr										
STR 464	100YR1 2hr	738.80	738.89	0.0013	6.79	8.08	4314	6.5252	6.0659	6.0659	7.1445
STR 464	100YR2 4hr	738.80	738.82	-0.0010	5.64	7.77	1180	12.2142	12.8948	12.9344	12.9071
STR 465	002YR0 1HR	738.00	734.75	-0.0007	5.62	5.48	613	0.7743	0.9385	0.7463	0.7644
STR 465	002YR0 2HR	738.00	734.88	-0.0008	6.52	6.31	613	1.2642	1.4152	1.2276	1.2500
STR 465	002YR0 3HR	738.00	734.90	-0.0008	6.67	6.45	613	1.7550	1.8981	1.7166	1.7389
STR 465	002YR0 6HR	738.00	735.08	-0.0007	7.68	7.38	613	3.2373	6.1845	3.1834	3.2079
STR 465	002YR1 2HR	738.00	735.27	-0.0007	8.19	7.81	613	6.2695	6.4004	6.1499	6.1638
STR 465	002YR2 4HR	738.00	735.40	-0.0008	8.23	7.81	613	12.2261	12.3553	12.1166	12.1207
STR 465	010YR0 1Hr	738.00	736.48	-0.0010	10.33	9.63	613	0.8648	1.0106	0.7034	0.7187
STR 465	010YR0 2Hr	738.00	737.40	-0.0010	11.17	10.29	613	1.3539	1.6052	1.1767	1.2009
STR 465	010YR0 3Hr	738.00	737.52	-0.0010	11.17	10.25	613	1.8452	2.0589	1.6649	1.6877
STR 465	010YR0 6Hr	738.00	738.20	-0.0013	11.85	10.59	9024	3.3465	3.4355	3.1471	3.1455
STR 465	010YR1 2Hr	738.00	738.27	-0.0018	11.31	10.72	11852	6.3144	6.4287	6.0962	6.4242
STR 465	010YR2 4Hr	738.00	738.17	-0.0011	10.20	9.15	7639	12.2518	12.3293	12.0103	12.0160
STR 465	1 1/4" 24hr	738.00	734.23	0.0006	1.92	1.92	582	12.1364	11.9737	12.1208	12.1492
STR 465	100YR0 1hr	738.00	738.71	-0.0050	22.56	18.41	30917	1.0660	1.3630	0.7338	1.3215
STR 465	100YR0 2hr	738.00	738.82	-0.0045	27.02	18.19	35724	1.5912	2.0666	1.1915	2.0073
STR 465	100YR0 3hr	738.00	738.84	-0.0044	27.34	18.27	36429	2.0722	2.5826	1.6783	2.5192
STR 465	100YR0 6hr	738.00	738.91	-0.0044	29.27	18.60	39642	3.5763	4.2112	3.1423	4.1128
STR 465	100YR1 2hr	738.00	738.89	-0.0043	26.83	18.17	38833	6.5345	7.1271	6.1017	7.0300
STR 465	100YR2 4hr	738.00	738.82	-0.0041	21.70	17.50	35624	12.4325	12.8899	12.0568	12.8137
STR 466	002YR0 1HR	738.38	734.47	-0.0008	6.21	6.07	485	0.7923	0.9412	0.7594	0.7778

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 466	002YR0 2HR	738.38	734.62	-0.0008	7.18	7.01	485	1.2824	1.4152	1.2436	1.2615
STR 466	002YR0 3HR	738.38	734.64	-0.0008	7.34	7.16	485	1.7749	1.8981	1.7337	1.7511
STR 466	002YR0 6HR	738.38	734.87	-0.0008	8.44	8.17	485	3.2971	6.1845	3.2037	3.2151
STR 466	002YR1 2HR	738.38	735.13	-0.0008	8.96	8.60	485	6.2769	6.4019	6.1599	6.1671
STR 466	002YR2 4HR	738.38	735.25	-0.0008	8.94	8.50	485	12.2282	12.3553	12.1185	12.1191
STR 466	010YR0 1Hr	738.38	736.36	0.0010	11.21	10.68	485	0.8618	0.8188	0.7186	0.7260
STR 466	010YR0 2Hr	738.38	737.28	-0.0010	12.11	11.29	485	1.3504	1.5304	1.2006	1.1976
STR 466	010YR0 3Hr	738.38	737.39	-0.0010	12.07	11.22	485	1.8414	2.0334	1.6878	1.6735
STR 466	010YR0 6Hr	738.38	738.11	-0.0010	12.60	11.43	485	3.3103	3.4791	3.1461	3.1421
STR 466	010YR1 2Hr	738.38	738.19	0.0010	11.92	12.01	485	6.2711	6.1723	6.0941	6.4270
STR 466	010YR2 4Hr	738.38	738.04	0.0010	10.74	10.44	485	12.2212	12.1396	12.0160	12.3283
STR 466	1 1/4" 24hr	738.38	733.84	0.0006	2.17	2.13	467	12.1728	11.9737	12.1450	12.1683
STR 466	100YR0 1hr	738.38	738.66	-0.0025	18.30	18.78	12206	1.0376	1.1840	1.3412	1.3414
STR 466	100YR0 2hr	738.38	738.76	-0.0030	18.51	19.39	16829	1.6085	1.8347	2.0057	1.8255
STR 466	100YR0 3hr	738.38	738.78	-0.0031	18.58	19.71	17459	2.1070	2.3454	2.5169	2.3349
STR 466	100YR0 6hr	738.38	738.84	-0.0032	18.89	20.82	20306	3.6490	3.9461	4.1108	3.9294
STR 466	100YR1 2hr	738.38	738.82	-0.0030	18.47	20.07	19331	6.5853	6.8560	7.0269	6.8399
STR 466	100YR2 4hr	738.38	738.74	-0.0027	17.85	18.57	15943	12.4456	12.6370	12.8108	12.6272
STR 467	002YR0 1HR	738.38	734.34	-0.0008	6.33	6.22	504	0.8022	0.9412	0.7735	0.7906
STR 467	002YR0 2HR	738.38	734.48	-0.0008	7.31	7.14	504	1.2980	1.4152	1.2561	1.2703
STR 467	002YR0 3HR	738.38	734.51	-0.0008	7.48	7.30	504	1.7928	1.8981	1.7456	1.7588
STR 467	002YR0 6HR	738.38	734.78	0.0008	8.57	8.22	504	3.3079	2.9190	3.2090	3.2163
STR 467	002YR1	738.38	735.06	0.0010	9.10	8.61	504	6.2787	4.9703	6.1599	6.1630

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2HR										
STR 467	002YR2 4HR	738.38	735.17	0.0009	9.08	8.54	504	12.2275	8.2379	12.1094	12.1084
STR 467	010YR0 1Hr	738.38	736.30	-0.0010	11.36	10.45	504	0.8598	0.9981	0.7252	0.7244
STR 467	010YR0 2Hr	738.38	737.21	0.0010	12.27	11.18	504	1.3480	1.2792	1.1849	1.1891
STR 467	010YR0 3Hr	738.38	737.32	-0.0010	12.27	11.11	504	1.8387	2.0074	1.6730	1.6759
STR 467	010YR0 6Hr	738.38	738.07	0.0010	12.77	11.79	504	3.3044	3.2135	3.1401	3.4360
STR 467	010YR1 2Hr	738.38	738.15	-0.0010	12.42	12.94	503	6.2635	6.5572	6.0808	6.4289
STR 467	010YR2 4Hr	738.38	737.97	0.0010	11.24	11.35	503	12.2165	6.7951	12.0160	12.3298
STR 467	1 1/4" 24hr	738.38	733.71	0.0007	2.21	2.18	483	12.1886	11.9737	12.1611	12.1869
STR 467	100YR0 1hr	738.38	738.63	-0.0016	18.78	19.26	11022	1.0023	1.1503	1.3414	1.3360
STR 467	100YR0 2hr	738.38	738.73	-0.0021	19.60	20.54	15564	1.5722	1.7843	1.8254	1.7779
STR 467	100YR0 3hr	738.38	738.75	-0.0022	19.92	21.00	16172	2.0718	2.2925	2.3349	2.2852
STR 467	100YR0 6hr	738.38	738.81	-0.0023	21.01	22.47	18912	3.6127	3.8804	3.9294	3.8675
STR 467	100YR1 2hr	738.38	738.79	-0.0021	20.27	21.52	17836	6.5464	6.7914	6.8397	6.7796
STR 467	100YR2 4hr	738.38	738.70	-0.0018	18.79	19.45	14331	12.4057	12.5855	12.6272	12.5797
STR 468	002YR0 1HR	738.55	734.17	-0.0008	7.93	7.81	545	0.8139	0.9412	0.7833	0.7953
STR 468	002YR0 2HR	738.55	734.34	-0.0008	9.13	8.91	545	1.3179	1.4152	1.2652	1.2725
STR 468	002YR0 3HR	738.55	734.37	-0.0008	9.33	9.08	545	1.8135	1.8981	1.7514	1.7605
STR 468	002YR0 6HR	738.55	734.69	-0.0008	10.61	10.12	545	3.3124	3.4588	3.2152	3.2177
STR 468	002YR1 2HR	738.55	734.99	0.0009	11.17	10.49	545	6.2776	5.1939	6.1638	6.1635
STR 468	002YR2 4HR	738.55	735.11	0.0010	11.04	10.31	545	12.2256	12.1847	12.1099	12.1079
STR 468	010YR0 1Hr	738.55	736.24	0.0010	13.90	12.71	544	0.8568	0.7991	0.7253	0.7195
STR 468	010YR0 2Hr	738.55	737.15	0.0010	14.95	13.48	545	1.3448	1.2792	1.1905	1.1893

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 468	010YR0 3Hr	738.55	737.26	-0.0010	14.86	13.32	545	1.8357	1.9947	1.6772	1.6760
STR 468	010YR0 6Hr	738.55	738.03	0.0010	15.25	14.46	545	3.3007	3.1498	3.1370	3.4372
STR 468	010YR1 2Hr	738.55	738.12	0.0010	14.68	15.41	545	6.2590	6.1596	6.4285	6.4300
STR 468	010YR2 4Hr	738.55	737.90	-0.0010	13.38	14.09	545	12.2128	12.3813	12.3295	12.3313
STR 468	1 1/4" 24hr	738.55	733.53	0.0007	2.75	2.73	517	12.1972	12.0469	12.1758	12.1989
STR 468	100YR0 1hr	738.55	738.61	0.0015	19.71	20.26	2862	0.9605	0.6856	1.3306	1.3239
STR 468	100YR0 2hr	738.55	738.71	0.0017	21.71	22.33	7302	1.5180	1.1628	1.7774	1.7805
STR 468	100YR0 3hr	738.55	738.73	-0.0020	22.12	22.71	7895	2.0160	2.2240	2.2848	2.2880
STR 468	100YR0 6hr	738.55	738.79	-0.0026	23.40	23.87	10534	3.5510	3.7969	3.8666	3.8702
STR 468	100YR1 2hr	738.55	738.76	-0.0024	22.58	23.05	9406	6.4835	6.7093	6.7788	6.7822
STR 468	100YR2 4hr	738.55	738.68	0.0010	20.70	21.31	5891	12.3497	11.9834	12.5791	12.5821
STR 469	002YR0 1HR	738.40	734.01	-0.0008	10.03	9.82	661	0.8319	0.9412	0.7833	0.7904
STR 469	002YR0 2HR	738.40	734.21	-0.0008	11.52	11.13	654	1.3341	1.4152	1.2639	1.2678
STR 469	002YR0 3HR	738.40	734.25	-0.0008	11.75	11.33	629	1.8273	1.8981	1.7514	1.7559
STR 469	002YR0 6HR	738.40	734.60	-0.0009	13.27	12.52	629	3.3148	3.4577	3.2134	3.2162
STR 469	002YR1 2HR	738.40	734.93	0.0010	13.86	12.88	629	6.2760	6.2293	6.1627	6.1634
STR 469	002YR2 4HR	738.40	735.04	0.0010	13.57	12.60	629	12.2238	12.1593	12.1079	12.1066
STR 469	010YR0 1Hr	738.40	736.18	-0.0010	17.34	15.77	674	0.8548	1.0388	0.7196	0.7152
STR 469	010YR0 2Hr	738.40	737.08	-0.0010	18.61	16.63	629	1.3427	1.6412	1.1905	1.1875
STR 469	010YR0 3Hr	738.40	737.19	-0.0010	18.42	16.34	629	1.8333	1.9819	1.6774	1.6739
STR 469	010YR0 6Hr	738.40	737.97	0.0010	18.69	17.57	629	3.2980	3.1999	3.1350	3.4395
STR 469	010YR1 2Hr	738.40	738.07	0.0010	17.70	18.27	629	6.2565	6.1596	6.0831	6.4317
STR 469	010YR2	738.40	737.83	0.0010	16.50	17.27	629	12.2111	12.0606	12.3303	12.3339

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	4Hr										
STR 469	1 1/4" 24hr	738.40	733.34	0.0007	3.46	3.48	597	12.1872	12.0516	12.1836	12.2014
STR 469	100YR0 1hr	738.40	738.58	0.0016	23.86	21.91	8113	0.9409	0.6833	0.6540	1.1854
STR 469	100YR0 2hr	738.40	738.69	-0.0022	23.72	24.40	12632	1.4924	1.7172	1.7799	1.7832
STR 469	100YR0 3hr	738.40	738.70	-0.0022	24.06	24.69	13229	1.9923	2.2223	2.2875	2.2907
STR 469	100YR0 6hr	738.40	738.76	-0.0023	25.00	26.05	15870	3.5200	3.7912	3.8689	3.7888
STR 469	100YR1 2hr	738.40	738.73	-0.0021	24.33	24.92	14662	6.4528	6.7051	6.7808	6.7030
STR 469	100YR2 4hr	738.40	738.65	-0.0022	22.79	23.45	10967	12.3272	12.5188	12.5815	12.5846
STR 471	002YR0 1HR	739.20	733.74	-0.0009	9.82	9.15	764	0.8640	0.9562	0.7904	0.8226
STR 471	002YR0 2HR	739.20	733.99	-0.0009	11.13	10.19	764	1.3526	1.4897	1.2678	1.3030
STR 471	002YR0 3HR	739.20	734.04	-0.0009	11.33	10.35	764	1.8437	1.9886	1.7559	1.7939
STR 471	002YR0 6HR	739.20	734.42	-0.0009	12.52	11.43	764	3.3187	3.4899	3.2162	3.3660
STR 471	002YR1 2HR	739.20	734.73	0.0010	12.88	12.54	764	6.2738	5.2202	6.1634	6.3572
STR 471	002YR2 4HR	739.20	734.83	0.0010	12.60	12.98	764	12.2205	12.1847	12.1066	12.3152
STR 471	010YR0 1Hr	739.20	735.95	0.0010	15.77	14.32	764	0.8495	0.7739	0.7152	0.9690
STR 471	010YR0 2Hr	739.20	736.80	0.0011	16.63	15.95	764	1.3365	1.2106	1.1875	1.4629
STR 471	010YR0 3Hr	739.20	736.90	0.0011	16.34	16.15	764	1.8277	1.6965	1.6739	1.9545
STR 471	010YR0 6Hr	739.20	737.70	0.0013	17.57	18.42	764	3.2943	3.1502	3.4395	3.4419
STR 471	010YR1 2Hr	739.20	737.80	0.0011	18.27	19.09	764	6.2517	6.0976	6.4317	6.4336
STR 471	010YR2 4Hr	739.20	737.51	0.0010	17.27	18.12	764	12.2073	12.0606	12.3339	12.3376
STR 471	1 1/4" 24hr	739.20	732.89	0.0009	3.48	3.41	720	12.2339	12.0803	12.2014	12.2267
STR 471	100YR0 1hr	739.20	738.43	0.0025	21.91	22.96	764	0.9151	0.6629	1.1854	1.1864
STR 471	100YR0 2hr	739.20	738.55	0.0025	24.40	25.11	764	1.4615	1.1311	1.7832	1.7836



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 471	100YR0 3hr	739.20	738.57	0.0023	24.69	25.36	764	1.9609	1.6154	2.2907	2.2910
STR 471	100YR0 6hr	739.20	738.64	0.0019	26.05	27.04	764	3.4879	3.0741	3.7888	3.7900
STR 471	100YR1 2hr	739.20	738.60	0.0014	24.92	25.95	764	6.4179	6.0168	6.7030	6.7042
STR 471	100YR2 4hr	739.20	738.48	0.0010	23.45	24.16	764	12.2990	11.9268	12.5846	12.5852
STR 472	002YR0 1HR	738.42	733.64	0.0010	9.15	8.93	525	0.8676	0.7056	0.8226	0.8717
STR 472	002YR0 2HR	738.42	733.90	0.0010	10.19	10.04	525	1.3550	1.1611	1.3030	1.3788
STR 472	002YR0 3HR	738.42	733.95	0.0010	10.35	10.25	525	1.8457	1.6846	1.7939	1.8730
STR 472	002YR0 6HR	738.42	734.35	0.0010	11.43	11.86	525	3.3167	3.2725	3.3660	3.3764
STR 472	002YR1 2HR	738.42	734.67	0.0010	12.54	13.13	525	6.2718	6.2245	6.3572	6.3571
STR 472	002YR2 4HR	738.42	734.77	0.0010	12.98	13.59	525	12.2187	12.1255	12.3152	12.3208
STR 472	010YR0 1Hr	738.42	735.88	0.0010	14.32	15.06	525	0.8469	0.6607	0.9690	1.0277
STR 472	010YR0 2Hr	738.42	736.72	0.0010	15.95	16.82	525	1.3342	1.2098	1.4629	1.4659
STR 472	010YR0 3Hr	738.42	736.82	0.0010	16.15	17.05	525	1.8251	1.6958	1.9545	1.9566
STR 472	010YR0 6Hr	738.42	737.62	0.0012	18.42	19.27	525	3.2929	3.1496	3.4419	3.4446
STR 472	010YR1 2Hr	738.42	737.73	0.0010	19.09	19.91	525	6.2498	6.1218	6.4336	6.4352
STR 472	010YR2 4Hr	738.42	737.41	0.0010	18.12	19.00	525	12.2054	12.0606	12.3376	12.3436
STR 472	1 1/4" 24hr	738.42	732.69	0.0010	3.41	3.36	495	12.2564	12.0986	12.2267	12.2508
STR 472	100YR0 1hr	738.42	738.38	0.0023	22.96	24.00	525	0.9114	0.6626	1.1864	1.1867
STR 472	100YR0 2hr	738.42	738.52	0.0022	25.11	26.15	4440	1.4584	1.1308	1.7836	1.7175
STR 472	100YR0 3hr	738.42	738.53	0.0020	25.36	26.68	5140	1.9590	1.6150	2.2910	2.2225
STR 472	100YR0 6hr	738.42	738.60	0.0018	27.04	28.05	8279	3.4833	3.1158	3.7900	3.7905
STR 472	100YR1 2hr	738.42	738.56	0.0014	25.95	26.99	6490	6.4150	6.0714	6.7042	6.7047
STR 472	100YR2	738.42	738.43	0.0010	24.16	24.87	872	12.2960	11.9256	12.5852	12.5839

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	4hr										
STR 473	002YR0 1HR	738.08	733.58	0.0009	8.93	9.07	587	0.8685	0.6770	0.8717	0.8994
STR 473	002YR0 2HR	738.08	733.85	0.0009	10.04	10.34	587	1.3535	1.2146	1.3788	1.4011
STR 473	002YR0 3HR	738.08	733.90	0.0010	10.25	10.58	587	1.8440	1.6846	1.8730	1.8964
STR 473	002YR0 6HR	738.08	734.31	0.0010	11.86	12.39	587	3.3150	3.2725	3.3764	3.3862
STR 473	002YR1 2HR	738.08	734.64	0.0010	13.13	13.76	587	6.2700	5.2202	6.3571	6.3565
STR 473	002YR2 4HR	738.08	734.73	0.0010	13.59	14.24	587	12.2167	12.1255	12.3208	12.3208
STR 473	010YR0 1Hr	738.08	735.84	-0.0010	15.06	15.70	587	0.8456	0.9604	1.0277	0.9709
STR 473	010YR0 2Hr	738.08	736.68	0.0010	16.82	17.70	587	1.3325	1.2027	1.4659	1.4668
STR 473	010YR0 3Hr	738.08	736.77	0.0010	17.05	17.95	587	1.8233	1.6885	1.9566	1.9576
STR 473	010YR0 6Hr	738.08	737.57	0.0011	19.27	20.15	587	3.2910	3.1510	3.4446	3.4493
STR 473	010YR1 2Hr	738.08	737.68	0.0010	19.91	20.75	587	6.2486	6.0946	6.4352	6.4372
STR 473	010YR2 4Hr	738.08	737.35	0.0010	19.00	19.93	587	12.2038	12.0168	12.3436	12.3522
STR 473	1 1/4" 24hr	738.08	732.60	0.0010	3.36	3.37	561	12.2600	12.1178	12.2508	12.2742
STR 473	100YR0 1hr	738.08	738.35	0.0022	24.00	25.11	12119	0.9092	0.6636	1.1867	1.1560
STR 473	100YR0 2hr	738.08	738.49	0.0021	26.15	27.64	18220	1.4514	1.1319	1.7175	1.7180
STR 473	100YR0 3hr	738.08	738.51	0.0019	26.68	28.08	18934	1.9516	1.6162	2.2225	2.2229
STR 473	100YR0 6hr	738.08	738.59	0.0018	28.05	29.06	22142	3.4745	3.1159	3.7905	3.7899
STR 473	100YR1 2hr	738.08	738.54	0.0014	26.99	28.04	20282	6.4062	6.0719	6.7047	6.7047
STR 473	100YR2 4hr	738.08	738.41	-0.0012	24.87	26.20	14394	12.2922	12.4967	12.5839	12.5197
STR 474	002YR0 1HR	737.70	733.50	-0.0010	16.60	16.28	756	0.8647	0.9562	0.8319	0.8523
STR 474	002YR0 2HR	737.70	733.78	-0.0010	18.68	18.37	756	1.3505	1.4152	1.3167	1.3448
STR 474	002YR0 3HR	737.70	733.83	0.0010	19.01	18.72	756	1.8408	1.2617	1.8038	1.8353

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 474	002YR0 6HR	737.70	734.25	0.0010	21.03	21.13	756	3.3117	2.1937	3.2993	3.3336
STR 474	002YR1 2HR	737.70	734.57	-0.0010	22.19	22.41	756	6.2662	6.3470	6.2928	6.3008
STR 474	002YR2 4HR	737.70	734.65	-0.0010	22.52	22.77	757	12.2122	12.4239	12.2476	12.2554
STR 474	010YR0 1Hr	737.70	735.76	0.0010	26.56	26.90	757	0.8408	0.7360	0.8596	0.8778
STR 474	010YR0 2Hr	737.70	736.59	-0.0010	29.41	29.96	757	1.3270	1.4038	1.3558	1.3775
STR 474	010YR0 3Hr	737.70	736.68	-0.0010	29.74	30.28	757	1.8181	1.9110	1.8497	1.8689
STR 474	010YR0 6Hr	737.70	737.48	0.0011	31.68	32.41	757	3.2875	3.1514	3.3331	3.3505
STR 474	010YR1 2Hr	737.70	737.59	0.0010	31.77	32.57	757	6.2446	6.0828	6.3100	6.3223
STR 474	010YR2 4Hr	737.70	737.25	-0.0010	31.33	31.99	757	12.1997	12.3102	12.2499	12.2749
STR 474	1 1/4" 24hr	737.70	732.48	0.0008	5.99	5.94	726	12.2483	12.1178	12.2275	12.2478
STR 474	100YR0 1hr	737.70	738.31	-0.0042	41.36	42.12	26768	0.8802	1.0976	0.7415	1.0737
STR 474	100YR0 2hr	737.70	738.46	-0.0050	44.41	44.60	33294	1.4211	1.6882	1.2004	1.6532
STR 474	100YR0 3hr	737.70	738.48	-0.0051	44.31	45.11	34030	1.9191	2.1902	1.6868	2.1471
STR 474	100YR0 6hr	737.70	738.56	-0.0051	45.13	45.82	37350	3.4253	3.7432	3.1477	3.6678
STR 474	100YR1 2hr	737.70	738.51	-0.0048	42.65	44.86	35388	6.3699	6.6623	6.1089	6.5935
STR 474	100YR2 4hr	737.70	738.36	-0.0044	38.49	43.24	28994	12.2623	12.4954	12.0720	12.4630
STR 501	002YR0 1HR	737.20	732.95	-0.0010	21.48	21.37	762	0.8697	1.1188	0.8523	0.8682
STR 501	002YR0 2HR	737.20	733.24	-0.0010	24.48	24.47	762	1.3485	1.6980	1.3388	1.3535
STR 501	002YR0 3HR	737.20	733.29	-0.0010	25.00	25.01	762	1.8379	3.3236	1.8314	1.8457
STR 501	002YR0 6HR	737.20	733.66	0.0010	28.45	28.59	762	3.2997	3.1390	3.3134	3.3211
STR 501	002YR1 2HR	737.20	733.90	0.0010	30.37	30.52	762	6.2526	6.0973	6.2705	6.2809
STR 501	002YR2 4HR	737.20	733.96	0.0010	30.89	31.02	762	12.1988	7.1085	12.2181	12.2261
STR 501	010YR0	737.20	734.81	-0.0010	37.57	37.85	762	0.8216	1.3205	0.8500	0.8543

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1Hr										
STR 501	010YR0 2Hr	737.20	735.44	-0.0010	41.94	42.41	762	1.3044	2.3128	1.3437	1.3502
STR 501	010YR0 3Hr	737.20	735.50	-0.0010	42.39	42.85	762	1.7944	2.5176	1.8333	1.8425
STR 501	010YR0 6Hr	737.20	736.13	-0.0010	46.09	46.69	762	3.2681	4.0985	3.3068	3.3154
STR 501	010YR1 2Hr	737.20	736.24	0.0010	46.37	46.93	762	6.2277	6.0416	6.2658	6.2759
STR 501	010YR2 4Hr	737.20	735.92	0.0010	44.94	45.40	762	12.1802	11.9459	12.2175	12.2265
STR 501	1 1/4" 24hr	737.20	731.70	0.0008	7.74	7.68	738	12.2700	12.0894	12.2475	12.2667
STR 501	100YR0 1hr	737.20	737.45	-0.0022	51.26	52.84	11288	0.7977	0.8727	1.0028	0.8670
STR 501	100YR0 2hr	737.20	737.68	-0.0040	52.25	58.37	21035	1.3047	1.4386	1.5283	1.4255
STR 501	100YR0 3hr	737.20	737.70	-0.0042	52.65	58.91	22109	1.7983	1.9403	2.0910	1.9278
STR 501	100YR0 6hr	737.20	737.83	-0.0047	53.71	61.36	27510	3.2865	3.4679	3.5535	3.4558
STR 501	100YR1 2hr	737.20	737.73	-0.0046	53.46	60.87	23357	6.2434	6.3954	6.4776	6.3861
STR 501	100YR2 4hr	737.20	737.47	-0.0024	52.59	54.06	11834	12.1713	12.2580	12.3535	12.2541
STR 503	002YR0 1HR	738.09	733.14	-0.0010	17.47	17.44	549	0.8710	0.9562	0.8593	0.8740
STR 503	002YR0 2HR	738.09	733.43	-0.0010	19.77	19.83	549	1.3515	1.4433	1.3521	1.3648
STR 503	002YR0 3HR	738.09	733.49	-0.0010	20.16	20.23	549	1.8411	1.9886	1.8434	1.8572
STR 503	002YR0 6HR	738.09	733.91	0.0010	22.85	23.09	549	3.3053	3.2011	3.3331	3.3497
STR 503	002YR1 2HR	738.09	734.19	-0.0010	24.23	24.45	549	6.2595	6.6058	6.2959	6.2974
STR 503	002YR2 4HR	738.09	734.26	0.0010	24.61	24.88	549	12.2055	12.0390	12.2520	12.2571
STR 503	010YR0 1Hr	738.09	735.22	0.0010	29.42	29.84	549	0.8320	0.6863	0.8745	0.8821
STR 503	010YR0 2Hr	738.09	735.93	0.0010	32.79	33.43	549	1.3166	1.1561	1.3737	1.3793
STR 503	010YR0 3Hr	738.09	736.01	0.0010	33.13	33.78	549	1.8070	1.6730	1.8622	1.8731
STR 503	010YR0 6Hr	738.09	736.72	-0.0010	35.57	36.33	549	3.2792	3.9036	3.3410	3.3472

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 503	010YR1 2Hr	738.09	736.83	0.0010	35.70	36.49	549	6.2371	6.0531	6.3100	6.3152
STR 503	010YR2 4Hr	738.09	736.49	0.0010	34.95	35.61	549	12.1914	11.9862	12.2546	12.2722
STR 503	1 1/4" 24hr	738.09	731.94	0.0007	6.40	6.37	532	12.2667	12.1375	12.2497	12.2661
STR 503	100YR0 1hr	738.09	737.83	0.0019	44.09	44.51	549	0.8123	0.6654	1.0738	1.0773
STR 503	100YR0 2hr	738.09	738.02	0.0019	46.25	46.59	548	1.3243	1.1340	1.6506	1.6525
STR 503	100YR0 3hr	738.09	738.04	0.0018	46.70	47.01	548	1.8196	1.6191	2.1429	2.1442
STR 503	100YR0 6hr	738.09	738.14	0.0017	47.31	47.55	2309	3.3188	3.1139	3.6535	3.6531
STR 503	100YR1 2hr	738.09	738.07	0.0013	46.46	46.71	549	6.2660	6.0730	6.5798	6.5812
STR 503	100YR2 4hr	738.09	737.86	0.0010	45.02	45.35	549	12.1886	11.8317	12.4575	12.4599
STR 504	002YR0 1HR	738.09	733.28	-0.0010	16.92	16.80	532	0.8694	0.9562	0.8494	0.8643
STR 504	002YR0 2HR	738.09	733.57	-0.0010	19.08	19.03	532	1.3521	1.4433	1.3388	1.3547
STR 504	002YR0 3HR	738.09	733.63	-0.0010	19.44	19.41	532	1.8426	1.9886	1.8314	1.8488
STR 504	002YR0 6HR	738.09	734.04	0.0010	21.86	22.08	532	3.3091	3.2322	3.3257	3.3477
STR 504	002YR1 2HR	738.09	734.33	0.0010	23.16	23.39	532	6.2628	6.1953	6.2974	6.3008
STR 504	002YR2 4HR	738.09	734.41	0.0010	23.52	23.78	532	12.2089	12.1260	12.2503	12.2575
STR 504	010YR0 1Hr	738.09	735.42	0.0010	27.91	28.31	532	0.8357	0.7267	0.8711	0.8812
STR 504	010YR0 2Hr	738.09	736.18	0.0010	31.01	31.63	532	1.3211	1.1905	1.3680	1.3794
STR 504	010YR0 3Hr	738.09	736.26	0.0010	31.35	31.96	532	1.8119	1.6804	1.8570	1.8729
STR 504	010YR0 6Hr	738.09	737.01	0.0010	33.55	34.30	532	3.2833	3.1336	3.3410	3.3497
STR 504	010YR1 2Hr	738.09	737.12	0.0010	33.66	34.46	532	6.2405	6.0792	6.3113	6.3195
STR 504	010YR2 4Hr	738.09	736.78	-0.0010	33.07	33.74	532	12.1948	12.8471	12.2546	12.2743
STR 504	1 1/4" 24hr	738.09	732.20	0.0008	6.17	6.16	517	12.2547	12.1178	12.2430	12.2564
STR 504	100YR0	738.09	738.00	0.0019	42.86	43.26	532	0.8299	0.6648	1.0721	1.0755

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	1hr										
STR 504	100YR0 2hr	738.09	738.18	0.0020	45.22	45.56	4064	1.3546	1.1335	1.6506	1.6542
STR 504	100YR0 3hr	738.09	738.20	0.0018	45.71	46.02	4897	1.8510	1.6189	2.1442	2.1473
STR 504	100YR0 6hr	738.09	738.29	-0.0023	46.41	46.65	8801	3.3575	3.4737	3.6610	3.6631
STR 504	100YR1 2hr	738.09	738.23	0.0014	45.50	45.74	6242	6.2998	6.0731	6.5877	6.5896
STR 504	100YR2 4hr	738.09	738.05	-0.0011	43.92	44.25	532	12.2055	12.4972	12.4599	12.4631
STR 512	002YR0 1HR	734.32	725.69	0.0005	1.11	1.11	463	3.0012	0.8531	2.9790	2.9790
STR 512	002YR0 2HR	734.32	726.20	0.0008	4.08	4.08	511	2.5244	2.0535	2.5057	2.5244
STR 512	002YR0 3HR	734.32	726.38	0.0010	5.51	5.51	519	3.3663	2.9306	3.3381	3.3791
STR 512	002YR0 6HR	734.32	726.73	0.0010	8.54	8.54	524	5.0265	4.5326	4.9578	4.9578
STR 512	002YR1 2HR	734.32	727.07	-0.0010	11.90	11.90	524	7.3022	9.2281	7.2816	7.3123
STR 512	002YR2 4HR	734.32	727.51	0.0010	16.51	16.51	524	12.9691	12.2630	12.9524	12.9806
STR 512	010YR0 1Hr	734.32	727.18	-0.0009	13.00	13.00	524	1.4906	1.8771	1.4775	1.4872
STR 512	010YR0 2Hr	734.32	727.86	-0.0010	19.89	19.95	524	2.1366	2.6052	2.1492	2.1372
STR 512	010YR0 3Hr	734.32	727.90	-0.0010	20.48	20.48	524	2.6662	3.4514	2.6469	2.6773
STR 512	010YR0 6Hr	734.32	728.35	-0.0010	25.65	25.65	524	4.0142	5.6808	4.0019	4.0226
STR 512	010YR1 2Hr	734.32	728.76	-0.0010	30.49	30.57	524	6.8945	7.3750	6.9055	6.9094
STR 512	010YR2 4Hr	734.32	729.20	0.0010	35.69	35.68	524	12.7529	12.1853	12.7413	12.7621
STR 512	1 1/4" 24hr	734.32	725.62	0.0002	0.83	0.83	452	24.0003	12.2803	23.9917	23.9933
STR 512	100YR0 1hr	734.32	729.18	0.0010	35.51	35.50	524	1.4347	0.9598	1.4230	1.4319
STR 512	100YR0 2hr	734.32	729.89	0.0010	42.98	42.98	524	2.1735	1.2736	2.1641	2.1794
STR 512	100YR0 3hr	734.32	730.01	0.0010	44.11	44.11	524	2.6971	1.7603	2.6859	2.6971
STR 512	100YR0 6hr	734.32	730.46	0.0010	48.29	48.29	524	4.1097	3.2712	4.1024	4.1322

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 512	100YR1 2hr	734.32	730.58	0.0010	49.33	49.33	524	7.0417	6.2292	7.0165	7.0511
STR 512	100YR2 4hr	734.32	730.61	0.0010	49.59	49.59	524	12.8898	12.1045	12.8737	12.9037
STR 515	002YR0 1HR	736.00	730.37	-0.0010	8.31	8.29	425	0.8415	2.4133	0.8313	0.8415
STR 515	002YR0 2HR	736.00	730.50	-0.0010	9.92	9.90	426	1.3216	2.7542	1.3121	1.3220
STR 515	002YR0 3HR	736.00	730.52	-0.0010	10.24	10.22	427	1.8115	4.5533	1.8022	1.8118
STR 515	002YR0 6HR	736.00	730.68	-0.0010	12.33	12.31	427	3.2771	5.1301	3.2691	3.2773
STR 515	002YR1 2HR	736.00	730.79	0.0010	13.82	13.81	427	6.2344	9.9132	6.2269	6.2344
STR 515	002YR2 4HR	736.00	730.88	-0.0010	14.72	14.71	427	12.9368	64.2952	12.1774	12.1852
STR 515	010YR0 1Hr	736.00	731.01	0.0010	17.24	17.22	427	0.8034	0.6607	0.7964	0.8034
STR 515	010YR0 2Hr	736.00	731.17	0.0009	19.83	19.80	427	1.2876	1.1358	1.2810	1.2876
STR 515	010YR0 3Hr	736.00	731.19	-0.0010	20.16	20.14	427	1.7786	3.1468	1.7720	1.7787
STR 515	010YR0 6Hr	736.00	731.35	-0.0010	23.05	23.03	427	3.2505	5.2323	3.2441	3.2506
STR 515	010YR1 2Hr	736.00	731.50	-0.0010	24.02	24.00	427	6.8978	10.0547	6.2049	6.2107
STR 515	010YR2 4Hr	736.00	731.69	0.0010	23.30	23.34	427	12.7299	56.9323	12.1547	12.1579
STR 515	1 1/4" 24hr	736.00	729.78	0.0006	2.61	2.60	402	12.2672	12.0778	12.2511	12.2678
STR 515	100YR0 1hr	736.00	731.96	0.0009	34.18	34.15	427	0.7687	0.6211	0.7622	0.7687
STR 515	100YR0 2hr	736.00	732.21	0.0006	39.17	39.26	427	1.2585	0.9704	1.2550	1.2586
STR 515	100YR0 3hr	736.00	732.25	0.0007	40.07	40.06	427	2.6766	1.2580	1.7453	1.7491
STR 515	100YR0 6hr	736.00	732.67	-0.0009	43.94	43.92	427	4.0938	30.6393	3.2247	3.2284
STR 515	100YR1 2hr	736.00	732.88	-0.0010	42.34	42.44	427	7.0153	31.0464	6.1900	6.1906
STR 515	100YR2 4hr	736.00	732.94	0.0004	36.18	35.95	427	12.8653	12.0546	12.1258	12.1263
STR 516	002YR0 1HR	737.09	730.57	0.0009	8.36	8.31	557	0.8351	2.4989	0.8150	0.8313
STR 516	002YR0	737.09	730.71	0.0010	9.99	9.92	559	1.3161	4.3809	1.2969	1.3121

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2HR										
STR 516	002YR0 3HR	737.09	730.74	0.0009	10.32	10.24	560	1.8061	7.6318	1.7876	1.8022
STR 516	002YR0 6HR	737.09	730.91	0.0006	12.40	12.33	560	3.2723	3.1164	3.2548	3.2691
STR 516	002YR1 2HR	737.09	731.02	0.0009	13.88	13.82	560	6.2296	21.3933	6.2133	6.2269
STR 516	002YR2 4HR	737.09	731.09	-0.0009	14.76	14.72	560	12.1805	46.0069	12.1648	12.1774
STR 516	010YR0 1Hr	737.09	731.27	0.0008	17.33	17.24	560	0.7995	0.6607	0.7844	0.7964
STR 516	010YR0 2Hr	737.09	731.45	0.0008	19.91	19.83	560	1.2843	1.1302	1.2703	1.2810
STR 516	010YR0 3Hr	737.09	731.47	0.0007	20.24	20.16	560	1.7752	1.6096	1.7610	1.7720
STR 516	010YR0 6Hr	737.09	731.66	-0.0007	23.13	23.05	560	3.2471	6.1744	3.2347	3.2441
STR 516	010YR1 2Hr	737.09	731.72	-0.0009	24.10	24.02	560	6.2074	9.2974	6.1950	6.2049
STR 516	010YR2 4Hr	737.09	731.71	-0.0010	23.29	23.30	560	12.7326	50.0543	12.1483	12.1547
STR 516	1 1/4" 24hr	737.09	729.95	0.0006	2.64	2.61	512	12.2525	11.9737	12.2294	12.2511
STR 516	100YR0 1hr	737.09	732.36	0.0008	34.23	34.18	560	0.7663	0.6211	0.7554	0.7622
STR 516	100YR0 2hr	737.09	732.69	0.0006	39.23	39.17	560	1.2580	1.1556	1.2491	1.2550
STR 516	100YR0 3hr	737.09	732.74	0.0006	40.10	40.07	560	1.7473	1.6421	1.7421	1.7453
STR 516	100YR0 6hr	737.09	733.01	0.0007	43.99	43.94	560	3.2266	3.1043	3.2181	3.2247
STR 516	100YR1 2hr	737.09	732.91	0.0009	42.24	42.34	560	6.9927	47.4502	6.1870	6.1900
STR 516	100YR2 4hr	737.09	732.97	0.0005	36.39	36.18	560	12.8448	11.7659	12.1241	12.1258
STR 517	002YR0 1HR	737.86	730.85	0.0006	8.53	8.36	873	0.8218	0.6279	0.7852	0.8150
STR 517	002YR0 2HR	737.86	731.00	0.0006	10.21	9.99	881	1.3042	1.1056	1.2742	1.2969
STR 517	002YR0 3HR	737.86	731.03	0.0007	10.53	10.32	882	1.7947	1.5858	1.7638	1.7876
STR 517	002YR0 6HR	737.86	731.21	0.0007	12.62	12.40	883	3.2622	2.9190	3.2321	3.2548
STR 517	002YR1 2HR	737.86	731.33	0.0006	14.08	13.88	883	6.2209	5.9982	6.1902	6.2133



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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 517	002YR2 4HR	737.86	731.40	0.0007	14.91	14.76	883	12.1722	8.4105	12.1428	12.1648
STR 517	010YR0 1Hr	737.86	731.60	0.0007	17.62	17.33	883	0.7919	0.5922	0.7654	0.7844
STR 517	010YR0 2Hr	737.86	731.80	0.0007	20.21	19.91	883	1.2773	1.0493	1.2500	1.2703
STR 517	010YR0 3Hr	737.86	731.82	0.0007	20.51	20.24	883	1.7685	1.4650	1.7415	1.7610
STR 517	010YR0 6Hr	737.86	732.04	0.0006	23.42	23.13	883	3.2412	2.5201	3.2173	3.2347
STR 517	010YR1 2Hr	737.86	732.11	0.0007	24.36	24.10	883	6.2019	5.1165	6.1788	6.1950
STR 517	010YR2 4Hr	737.86	732.04	0.0007	23.43	23.29	883	12.1495	8.6971	12.1334	12.1483
STR 517	1 1/4" 24hr	737.86	730.21	0.0006	2.67	2.64	795	12.2250	11.9464	12.1953	12.2294
STR 517	100YR0 1hr	737.86	732.91	0.0007	34.36	34.23	882	0.7634	0.5546	0.7500	0.7554
STR 517	100YR0 2hr	737.86	733.43	0.0007	39.38	39.23	883	1.2549	1.1481	1.2380	1.2491
STR 517	100YR0 3hr	737.86	733.51	0.0007	40.20	40.10	883	1.7446	1.6344	1.7333	1.7421
STR 517	100YR0 6hr	737.86	733.94	0.0008	44.14	43.99	883	3.2235	3.0942	3.2084	3.2181
STR 517	100YR1 2hr	737.86	733.71	0.0007	42.19	42.24	883	6.1804	4.0616	6.1795	6.1870
STR 517	100YR2 4hr	737.86	733.23	0.0006	36.63	36.39	883	12.1692	11.6770	12.1183	12.1241
STR 521	002YR0 1HR	736.10	731.38	0.0005	7.64	7.48	1215	0.7993	0.6333	0.7667	0.8056
STR 521	002YR0 2HR	736.10	731.50	0.0006	9.07	8.99	1212	1.2807	1.1164	1.2652	1.2853
STR 521	002YR0 3HR	736.10	731.53	0.0007	9.37	9.28	1200	1.7717	1.5933	1.7500	1.7752
STR 521	002YR0 6HR	736.10	731.69	0.0008	11.29	11.15	1164	3.2444	3.0330	3.2182	3.2430
STR 521	002YR1 2HR	736.10	731.81	0.0008	12.68	12.52	1171	6.2055	5.9059	6.1824	6.2027
STR 521	002YR2 4HR	736.10	731.89	0.0008	13.53	13.39	1176	12.1592	11.6730	12.1333	12.1551
STR 521	010YR0 1Hr	736.10	732.07	0.0007	15.75	15.45	1237	0.7815	0.5954	0.7502	0.7749
STR 521	010YR0 2Hr	736.10	732.28	0.0008	18.07	17.76	1202	1.2687	1.0609	1.2362	1.2622
STR 521	010YR0	736.10	732.31	0.0008	18.38	18.07	1168	1.7596	1.5316	1.7333	1.7530

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3Hr										
STR 521	010YR0 6Hr	736.10	732.57	0.0008	20.93	20.73	1165	3.2335	2.8978	3.2123	3.2258
STR 521	010YR1 2Hr	736.10	732.66	0.0008	21.82	21.70	1170	6.1931	5.6042	6.1727	6.1863
STR 521	010YR2 4Hr	736.10	732.59	0.0007	21.13	21.03	1180	12.1417	11.4918	12.1295	12.1381
STR 521	1 1/4" 24hr	736.10	730.73	0.0007	2.42	2.33	1166	12.2117	12.0477	12.1667	12.2122
STR 521	100YR0 1hr	736.10	733.56	0.0008	30.44	30.29	1236	0.7624	0.5574	0.7497	0.7597
STR 521	100YR0 2hr	736.10	734.32	-0.0010	35.06	34.85	1152	1.2536	1.3402	1.2340	1.2512
STR 521	100YR0 3hr	736.10	734.45	-0.0010	35.83	35.66	1151	1.7447	1.8422	1.7327	1.7463
STR 521	100YR0 6hr	736.10	735.08	-0.0010	39.52	39.28	1166	3.2221	3.2905	3.2001	3.2193
STR 521	100YR1 2hr	736.10	734.76	-0.0009	37.88	37.82	1173	6.1835	6.2591	6.1667	6.1880
STR 521	100YR2 4hr	736.10	734.00	0.0008	33.15	32.87	1187	12.1505	12.0793	12.1167	12.1263
STR 522	002YR0 1HR	735.85	731.48	0.0006	3.29	3.42	908	0.8189	0.6763	0.8167	0.8604
STR 522	002YR0 2HR	735.85	731.61	0.0006	4.00	4.17	909	1.3026	1.1491	1.3167	1.3446
STR 522	002YR0 3HR	735.85	731.64	0.0006	4.16	4.34	909	1.7936	1.6393	1.8092	1.8359
STR 522	002YR0 6HR	735.85	731.81	0.0007	5.03	5.28	909	3.2613	3.0876	3.2993	3.3170
STR 522	002YR1 2HR	735.85	731.94	0.0007	5.83	6.08	909	6.2209	5.7229	6.2427	6.2797
STR 522	002YR2 4HR	735.85	732.04	0.0006	6.78	6.98	909	12.1788	11.8615	12.1967	12.2281
STR 522	010YR0 1Hr	735.85	732.18	0.0006	6.58	6.91	909	0.7934	0.6259	0.8163	0.8421
STR 522	010YR0 2Hr	735.85	732.39	0.0007	7.83	7.85	909	1.2769	1.1063	1.2334	1.3294
STR 522	010YR0 3Hr	735.85	732.43	0.0008	8.08	8.04	909	1.7681	1.5848	1.7333	1.8208
STR 522	010YR0 6Hr	735.85	732.72	0.0008	9.74	9.48	909	3.2405	2.7237	3.2000	3.2181
STR 522	010YR1 2Hr	735.85	732.82	0.0008	10.34	10.09	909	6.2002	5.1552	6.1667	6.1788
STR 522	010YR2 4Hr	735.85	732.77	0.0006	10.23	10.43	909	12.1528	11.6889	12.2335	12.2400

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 522	1 1/4" 24hr	735.85	730.86	0.0007	1.07	1.00	793	12.2403	12.0778	12.1711	12.2539
STR 522	100YR0 1hr	735.85	733.85	0.0007	14.31	13.92	909	0.7721	0.5894	0.7334	0.7657
STR 522	100YR0 2hr	735.85	734.71	-0.0010	17.42	16.87	909	1.2648	1.3801	1.2333	1.2501
STR 522	100YR0 3hr	735.85	734.87	-0.0010	18.08	17.52	909	1.7562	1.8627	1.7167	1.7364
STR 522	100YR0 6hr	735.85	735.60	-0.0010	20.70	20.06	909	3.2332	3.3046	3.2000	3.2179
STR 522	100YR1 2hr	735.85	735.28	-0.0010	19.80	19.25	909	6.1946	6.2764	6.1500	6.1835
STR 522	100YR2 4hr	735.85	734.45	0.0009	16.85	16.46	909	12.1573	12.0810	12.1167	12.1322
STR 523	002YR0 1HR	738.17	731.51	-0.0003	1.25	1.22	728	0.8351	0.9412	0.6969	0.9564
STR 523	002YR0 2HR	738.17	731.64	-0.0003	1.42	1.51	738	1.3182	1.4152	1.1689	1.4365
STR 523	002YR0 3HR	738.17	731.66	0.0004	1.68	1.68	744	1.8089	1.5498	3.1709	3.2104
STR 523	002YR0 6HR	738.17	731.82	0.0006	2.15	2.15	750	3.2736	3.0407	5.9787	6.0311
STR 523	002YR1 2HR	738.17	731.95	0.0004	2.44	2.44	719	6.2305	5.9059	9.9030	9.9824
STR 523	002YR2 4HR	738.17	732.06	0.0005	2.72	2.84	765	12.1940	12.0096	15.2797	12.3729
STR 523	010YR0 1Hr	738.17	732.18	0.0005	2.51	2.70	739	0.7954	0.6607	1.0563	1.0554
STR 523	010YR0 2Hr	738.17	732.39	0.0007	2.89	3.03	751	1.2785	1.0609	2.0203	1.5689
STR 523	010YR0 3Hr	738.17	732.42	0.0007	3.02	3.10	752	1.7705	1.5424	3.0202	2.0532
STR 523	010YR0 6Hr	738.17	732.71	0.0005	3.47	3.52	719	3.2413	3.0476	5.9664	3.5335
STR 523	010YR1 2Hr	738.17	732.82	0.0005	3.72	3.80	705	6.2014	5.9948	9.8578	6.4746
STR 523	010YR2 4Hr	738.17	732.77	0.0005	3.90	3.99	765	12.1537	11.5849	15.2627	12.3910
STR 523	1 1/4" 24hr	738.17	731.07	0.0003	0.47	0.45	759	19.9242	12.0880	12.0757	19.9461
STR 523	100YR0 1hr	738.17	733.84	0.0007	4.26	4.10	740	0.7757	0.5546	0.6743	1.1098
STR 523	100YR0 2hr	738.17	734.68	-0.0010	4.86	4.41	743	1.2702	1.3801	1.1890	1.5563
STR 523	100YR0	738.17	734.84	0.0010	4.99	4.59	732	1.7622	1.6853	1.6781	3.2860

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	3hr										
STR 523	100YR0 6hr	738.17	735.55	0.0010	5.72	5.41	711	3.2390	3.1565	3.1534	6.0249
STR 523	100YR1 2hr	738.17	735.26	0.0010	5.97	5.97	707	6.2003	6.1246	10.2614	10.1584
STR 523	100YR2 4hr	738.17	734.45	0.0008	5.79	5.79	725	12.1579	12.0810	16.2546	15.7968
STR 524	002YR0 1HR	737.69	731.53	0.0009	1.24	1.25	349	0.8415	0.5325	0.6586	0.6969
STR 524	002YR0 2HR	737.69	731.65	0.0008	1.40	1.42	351	1.3253	1.0074	1.1383	1.1689
STR 524	002YR0 3HR	737.69	731.68	0.0009	1.68	1.68	350	1.8144	1.5193	3.1525	3.1709
STR 524	002YR0 6HR	737.69	731.83	0.0008	2.15	2.15	336	3.2780	2.9721	5.9691	5.9787
STR 524	002YR1 2HR	737.69	731.95	0.0006	2.44	2.44	336	6.2372	5.8229	9.9057	9.9030
STR 524	002YR2 4HR	737.69	732.07	0.0007	2.72	2.72	336	12.2003	11.5792	15.2662	15.2797
STR 524	010YR0 1Hr	737.69	732.18	0.0010	2.42	2.51	354	0.7962	0.5150	1.0583	1.0563
STR 524	010YR0 2Hr	737.69	732.39	0.0010	2.89	2.89	351	1.2794	1.0055	2.0149	2.0203
STR 524	010YR0 3Hr	737.69	732.42	0.0008	3.02	3.02	340	1.7699	1.4960	3.0109	3.0202
STR 524	010YR0 6Hr	737.69	732.71	0.0006	3.47	3.47	336	3.2415	2.9772	5.9533	5.9664
STR 524	010YR1 2Hr	737.69	732.82	0.0007	3.72	3.72	336	6.2015	5.8160	9.8711	9.8578
STR 524	010YR2 4Hr	737.69	732.77	0.0008	3.91	3.90	336	12.1530	11.5667	15.2531	15.2627
STR 524	1 1/4" 24hr	737.69	731.19	0.0003	0.50	0.47	335	12.0757	11.9451	12.0333	12.0757
STR 524	100YR0 1hr	737.69	733.83	0.0010	4.10	4.01	356	0.7760	0.5095	0.6043	0.5967
STR 524	100YR0 2hr	737.69	734.68	-0.0010	4.59	4.31	339	1.2712	1.3801	1.0705	1.0711
STR 524	100YR0 3hr	737.69	734.84	0.0010	4.53	4.49	336	1.7631	1.6853	1.5582	3.2905
STR 524	100YR0 6hr	737.69	735.54	-0.0010	5.37	5.38	336	3.2400	3.3823	5.9998	6.0090
STR 524	100YR1 2hr	737.69	735.26	0.0010	5.96	5.97	336	6.2011	6.1246	10.2614	10.2614
STR 524	100YR2 4hr	737.69	734.44	0.0008	5.79	5.79	336	12.1591	12.0810	16.2716	16.2546

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 525	002YR0 1HR	737.69	731.56	0.0006	1.27	1.23	414	0.8507	0.5629	0.6833	0.6875
STR 525	002YR0 2HR	737.69	731.68	0.0006	1.43	1.39	423	1.3346	0.8496	1.1667	2.4384
STR 525	002YR0 3HR	737.69	731.70	0.0008	1.68	1.68	426	1.8249	1.1895	3.1364	3.1598
STR 525	002YR0 6HR	737.69	731.84	0.0009	2.13	2.13	432	3.2981	2.0563	6.0163	6.0474
STR 525	002YR1 2HR	737.69	731.96	0.0006	2.42	2.42	434	6.2404	3.5505	9.9603	9.9547
STR 525	002YR2 4HR	737.69	732.09	0.0004	2.69	2.69	434	12.2082	12.0235	15.3062	15.3508
STR 525	010YR0 1Hr	737.69	732.19	0.0007	2.36	2.37	434	0.7968	0.5403	0.6667	1.1237
STR 525	010YR0 2Hr	737.69	732.39	0.0008	2.82	2.83	434	1.2800	1.0252	2.0705	2.0910
STR 525	010YR0 3Hr	737.69	732.42	0.0007	2.96	2.97	434	1.7704	0.9610	3.0511	3.0833
STR 525	010YR0 6Hr	737.69	732.71	0.0008	3.68	3.43	434	3.2423	1.5735	3.1843	6.0522
STR 525	010YR1 2Hr	737.69	732.82	0.0005	3.68	3.68	434	6.2019	5.8802	9.9462	9.9699
STR 525	010YR2 4Hr	737.69	732.78	0.0004	3.87	3.87	434	12.1566	11.9564	15.3239	15.3065
STR 525	1 1/4" 24hr	737.69	731.32	0.0003	0.45	0.45	399	19.8672	11.9559	19.8505	19.8711
STR 525	100YR0 1hr	737.69	733.83	0.0008	6.62	5.01	434	0.7774	0.5310	0.6763	0.7173
STR 525	100YR0 2hr	737.69	734.66	-0.0010	7.29	5.94	434	1.2724	1.3801	1.1424	1.2105
STR 525	100YR0 3hr	737.69	734.82	0.0010	7.39	6.03	434	1.7643	1.6853	1.6828	1.7023
STR 525	100YR0 6hr	737.69	735.52	-0.0010	8.08	6.57	434	3.2413	3.3823	3.1573	3.1824
STR 525	100YR1 2hr	737.69	735.24	0.0010	7.05	5.92	434	6.2021	6.1246	6.1218	10.1110
STR 525	100YR2 4hr	737.69	734.44	0.0008	5.75	5.75	434	12.1586	12.0810	16.3546	16.3293
STR 526	002YR0 1HR	737.00	731.78	0.0002	0.91	0.91	405	1.6741	0.8323	1.6220	1.7066
STR 526	002YR0 2HR	737.00	731.92	0.0002	1.38	1.38	409	2.4662	1.1605	2.4448	2.4940
STR 526	002YR0 3HR	737.00	731.98	0.0009	1.65	1.65	409	3.3920	3.0216	3.3611	3.4015
STR 526	002YR0	737.00	732.07	0.0003	2.08	2.08	410	6.2893	3.0979	6.1761	6.1971

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	6HR										
STR 526	002YR1 2HR	737.00	732.13	0.0003	2.38	2.38	411	10.2708	6.0251	10.1863	10.2802
STR 526	002YR2 4HR	737.00	732.18	-0.0007	2.65	2.65	473	15.5321	31.2874	15.4982	15.5352
STR 526	010YR0 1Hr	737.00	732.16	-0.0003	2.22	2.22	411	0.8039	0.8427	1.5720	1.5931
STR 526	010YR0 2Hr	737.00	732.35	0.0004	2.71	2.71	411	1.2870	1.0994	2.4005	2.4462
STR 526	010YR0 3Hr	737.00	732.38	0.0004	2.87	2.87	411	1.7778	1.5848	3.3293	3.3877
STR 526	010YR0 6Hr	737.00	732.67	0.0005	3.36	3.36	411	3.2473	3.0411	6.2521	6.2627
STR 526	010YR1 2Hr	737.00	732.78	0.0003	3.62	3.62	435	6.2066	6.0009	10.3250	10.2078
STR 526	010YR2 4Hr	737.00	732.76	-0.0006	3.81	3.81	458	12.1603	42.1273	16.0431	15.9787
STR 526	1 1/4" 24hr	737.00	731.60	0.0002	0.44	0.44	465	20.2186	12.3014	20.1105	20.2186
STR 526	100YR0 1hr	737.00	733.70	-0.0006	5.01	4.32	411	0.7834	0.8702	0.7173	0.7600
STR 526	100YR0 2hr	737.00	734.48	-0.0009	5.94	5.09	411	1.2792	1.3801	1.2105	1.2575
STR 526	100YR0 3hr	737.00	734.63	0.0009	6.03	5.17	411	1.7715	1.6853	1.7023	1.7498
STR 526	100YR0 6hr	737.00	735.24	0.0010	6.57	6.25	411	3.2474	3.1758	3.1824	3.2435
STR 526	100YR1 2hr	737.00	735.04	0.0009	5.85	5.84	449	6.2085	6.1246	6.1444	10.2872
STR 526	100YR2 4hr	737.00	734.35	0.0008	5.66	5.66	462	12.1654	12.0810	16.5535	16.5985
STR 539	002YR0 1HR	738.09	732.02	0.0010	37.55	37.50	931	0.8669	0.6077	0.8563	0.8669
STR 539	002YR0 2HR	738.09	732.26	-0.0010	43.76	43.70	931	1.3398	1.8423	1.3292	1.3403
STR 539	002YR0 3HR	738.09	732.32	0.0010	44.89	44.82	931	1.8293	1.5554	1.8187	1.8299
STR 539	002YR0 6HR	738.09	732.62	0.0010	53.21	53.13	931	3.2894	2.5537	3.2797	3.2894
STR 539	002YR1 2HR	738.09	732.81	0.0010	58.38	58.10	931	6.2451	17.4707	6.2273	6.2453
STR 539	002YR2 4HR	738.09	732.86	0.0010	59.54	59.47	931	12.1888	28.5309	12.1800	12.1890
STR 539	010YR0 1Hr	738.09	733.39	-0.0010	75.18	75.05	931	0.8075	1.2413	0.7995	0.8076

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 539	010YR0 2Hr	738.09	733.75	0.0010	85.84	85.74	932	1.2858	1.0717	1.2783	1.2858
STR 539	010YR0 3Hr	738.09	733.78	0.0010	86.91	86.80	932	1.7747	1.3051	1.7680	1.7747
STR 539	010YR0 6Hr	738.09	734.12	0.0010	96.35	96.23	933	3.2457	2.4025	3.2354	3.2458
STR 539	010YR1 2Hr	738.09	734.18	0.0010	97.31	97.20	934	6.2082	4.6375	6.2000	6.2082
STR 539	010YR2 4Hr	738.09	733.99	0.0010	92.21	92.10	934	12.1592	8.2590	12.1504	12.1592
STR 539	1 1/4" 24hr	738.09	730.81	0.0010	13.12	13.09	868	12.2672	11.9737	12.2517	12.2675
STR 539	100YR0 1hr	738.09	735.07	0.0013	126.34	126.30	934	0.7384	0.6729	0.7348	0.7385
STR 539	100YR0 2hr	738.09	735.32	0.0015	133.78	133.75	933	1.2215	1.1403	1.2178	1.2216
STR 539	100YR0 3hr	738.09	735.34	0.0014	134.30	134.28	933	1.7124	1.6254	1.7078	1.7125
STR 539	100YR0 6hr	738.09	735.46	0.0013	138.88	138.86	933	3.1891	3.0865	3.1850	3.1891
STR 539	100YR1 2hr	738.09	735.34	-0.0010	134.15	134.13	933	6.1547	33.4134	6.1512	6.1548
STR 539	100YR2 4hr	738.09	735.02	0.0010	123.91	124.15	933	12.1024	11.8063	12.1044	12.1011
STR 540	002YR0 1HR	738.09	732.18	0.0010	37.21	37.11	689	0.8637	0.5806	0.8480	0.8593
STR 540	002YR0 2HR	738.09	732.44	0.0010	43.36	43.24	689	1.3379	1.0542	1.3226	1.3313
STR 540	002YR0 3HR	738.09	732.50	-0.0010	44.49	44.35	689	1.8273	3.7428	1.8105	1.8220
STR 540	002YR0 6HR	738.09	732.82	-0.0010	52.70	52.55	689	3.2872	7.3384	3.2732	3.2817
STR 540	002YR1 2HR	738.09	733.02	0.0010	57.80	57.61	689	6.2436	5.4772	6.2273	6.2273
STR 540	002YR2 4HR	738.09	733.07	0.0010	58.90	58.78	689	12.1874	10.7251	12.1742	12.1821
STR 540	010YR0 1Hr	738.09	733.64	-0.0010	74.40	74.15	689	0.8057	2.1155	0.7931	0.8010
STR 540	010YR0 2Hr	738.09	734.03	-0.0010	84.79	84.62	689	1.2842	3.7071	1.2735	1.2804
STR 540	010YR0 3Hr	738.09	734.06	0.0010	85.81	85.67	689	1.7734	1.5665	1.7658	1.7688
STR 540	010YR0 6Hr	738.09	734.42	0.0010	95.03	94.93	689	3.2445	2.8648	3.2342	3.2382
STR 540	010YR1	738.09	734.48	0.0010	95.99	95.91	689	6.2071	5.6952	6.1980	6.2009

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2Hr										
STR 540	010YR2 4Hr	738.09	734.28	-0.0010	90.99	90.92	689	12.1574	51.2057	12.1500	12.1512
STR 540	1 1/4" 24hr	738.09	730.92	0.0010	13.01	12.96	652	12.2628	11.9737	12.2428	12.2550
STR 540	100YR0 1hr	738.09	735.56	0.0014	123.92	123.87	689	0.7379	0.6736	0.7339	0.7365
STR 540	100YR0 2hr	738.09	735.86	0.0016	131.02	130.96	689	1.2206	1.1407	1.2170	1.2189
STR 540	100YR0 3hr	738.09	735.89	0.0015	131.52	131.47	689	1.7131	1.6259	1.7027	1.7143
STR 540	100YR0 6hr	738.09	736.04	0.0014	135.93	135.87	689	3.1885	3.0873	3.1838	3.1877
STR 540	100YR1 2hr	738.09	735.88	0.0010	131.48	131.43	689	6.1541	4.8862	6.1502	6.1516
STR 540	100YR2 4hr	738.09	735.49	0.0010	121.69	121.70	689	12.1062	11.6434	12.1038	12.1055
STR 541	002YR0 1HR	737.75	732.39	0.0010	37.25	36.89	1122	0.8604	0.5621	0.8260	0.8500
STR 541	002YR0 2HR	737.75	732.66	0.0010	43.38	42.98	1122	1.3335	0.9846	1.3080	1.3247
STR 541	002YR0 3HR	737.75	732.72	0.0010	44.61	44.10	1122	1.8240	1.4805	1.7943	1.8118
STR 541	002YR0 6HR	737.75	733.06	0.0010	52.64	52.22	1122	3.2846	3.0251	3.2632	3.2752
STR 541	002YR1 2HR	737.75	733.27	0.0010	57.63	57.26	1122	6.2406	5.4162	6.2191	6.2275
STR 541	002YR2 4HR	737.75	733.32	0.0010	58.68	58.35	1122	12.1845	11.8960	12.1631	12.1753
STR 541	010YR0 1Hr	737.75	733.94	0.0010	74.11	73.65	1122	0.8036	0.5202	0.7833	0.7940
STR 541	010YR0 2Hr	737.75	734.36	0.0010	84.11	83.90	1122	1.2829	1.0195	1.2679	1.2749
STR 541	010YR0 3Hr	737.75	734.41	0.0010	85.05	84.92	1122	1.7717	1.4834	1.7621	1.7668
STR 541	010YR0 6Hr	737.75	734.82	0.0010	94.16	94.02	1122	3.2431	3.0476	3.2330	3.2352
STR 541	010YR1 2Hr	737.75	734.89	0.0010	95.14	95.00	1122	6.2059	5.9662	6.1926	6.2001
STR 541	010YR2 4Hr	737.75	734.65	0.0010	90.17	90.08	1122	12.1563	11.7463	12.1469	12.1501
STR 541	1 1/4" 24hr	737.75	731.09	0.0009	13.01	12.90	1060	12.2555	11.9737	12.2247	12.2450
STR 541	100YR0 1hr	737.75	736.23	0.0019	122.35	122.22	1122	0.7370	0.6589	0.7232	0.7342



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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 541	100YR0 2hr	737.75	736.62	0.0020	129.18	129.08	1123	1.2198	1.1272	1.2167	1.2171
STR 541	100YR0 3hr	737.75	736.65	0.0018	129.75	129.55	1123	1.7119	1.6115	1.7000	1.7062
STR 541	100YR0 6hr	737.75	736.85	0.0016	133.95	133.85	1123	3.1879	3.0715	3.1833	3.1839
STR 541	100YR1 2hr	737.75	736.64	0.0012	129.67	129.59	1123	6.1527	6.0184	6.1500	6.1506
STR 541	100YR2 4hr	737.75	736.14	0.0010	120.17	120.16	1123	12.1060	11.6339	12.1042	12.1038
STR 549	002YR0 1HR	737.50	732.55	-0.0010	27.36	27.42	1150	0.8643	1.1523	0.8593	0.8778
STR 549	002YR0 2HR	737.50	732.83	-0.0010	31.49	31.64	1150	1.3393	2.4508	1.3426	1.3570
STR 549	002YR0 3HR	737.50	732.88	-0.0010	32.22	32.39	1150	1.8284	3.3147	1.8330	1.8469
STR 549	002YR0 6HR	737.50	733.23	0.0010	37.36	37.62	1150	3.2881	2.8064	3.2942	3.3104
STR 549	002YR1 2HR	737.50	733.45	0.0010	40.42	40.63	1150	6.2431	6.0070	6.2460	6.2630
STR 549	002YR2 4HR	737.50	733.51	0.0010	41.22	41.43	1150	12.1876	11.9315	12.1950	12.2092
STR 549	010YR0 1Hr	737.50	734.16	-0.0010	50.72	50.93	1150	0.8064	1.3205	0.8260	0.8283
STR 549	010YR0 2Hr	737.50	734.66	0.0010	56.98	57.28	1150	1.2858	1.0556	1.3098	1.3140
STR 549	010YR0 3Hr	737.50	734.71	0.0010	57.65	57.96	1150	1.7758	1.4453	1.8015	1.8048
STR 549	010YR0 6Hr	737.50	735.18	0.0010	63.57	63.91	1150	3.2486	3.0714	3.2729	3.2724
STR 549	010YR1 2Hr	737.50	735.26	0.0010	64.38	64.81	1150	6.2107	5.9948	6.2373	6.2449
STR 549	010YR2 4Hr	737.50	734.99	0.0010	61.62	61.89	1150	12.1611	11.8548	12.1871	12.1904
STR 549	1 1/4" 24hr	737.50	731.24	0.0009	9.65	9.67	1095	12.2661	12.0778	12.2583	12.2808
STR 549	100YR0 1hr	737.50	736.68	0.0022	73.62	74.31	1150	0.7409	0.6588	0.8407	0.8590
STR 549	100YR0 2hr	737.50	737.05	0.0024	75.91	76.56	1150	1.2245	1.1270	1.3867	1.3858
STR 549	100YR0 3hr	737.50	737.09	0.0021	76.12	76.77	1150	1.7177	1.6113	1.8841	1.8831
STR 549	100YR0 6hr	737.50	737.28	0.0017	77.23	77.82	1150	3.1955	3.0711	3.3873	3.3867
STR 549	100YR1	737.50	737.09	0.0012	76.95	77.68	1150	6.1573	6.0178	6.3708	6.3707

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	2hr										
STR 549	100YR2 4hr	737.50	736.61	-0.0010	74.59	75.48	1150	12.1170	12.2980	12.2499	12.2521
STR 568	002YR0 1HR	738.11	732.68	-0.0010	22.05	22.17	703	0.8685	1.1523	0.8743	0.8861
STR 568	002YR0 2HR	738.11	732.96	-0.0010	25.29	25.49	703	1.3451	2.4508	1.3596	1.3703
STR 568	002YR0 3HR	738.11	733.01	-0.0010	25.85	26.07	703	1.8330	3.4955	1.8513	1.8607
STR 568	002YR0 6HR	738.11	733.37	0.0010	29.64	29.99	703	3.2939	2.7037	3.3243	3.3331
STR 568	002YR1 2HR	738.11	733.59	-0.0010	31.63	32.07	703	6.2470	6.7468	6.2809	6.2972
STR 568	002YR2 4HR	738.11	733.65	0.0010	32.16	32.52	703	12.1926	12.0096	12.2256	12.2363
STR 568	010YR0 1Hr	738.11	734.37	0.0010	39.39	39.69	703	0.8127	0.5784	0.8530	0.8550
STR 568	010YR0 2Hr	738.11	734.91	0.0010	44.21	44.71	703	1.2928	1.0493	1.3494	1.3492
STR 568	010YR0 3Hr	738.11	734.96	0.0010	44.66	45.18	703	1.7836	1.6036	1.8424	1.8458
STR 568	010YR0 6Hr	738.11	735.48	0.0010	48.78	49.40	703	3.2561	3.0714	3.3138	3.3151
STR 568	010YR1 2Hr	738.11	735.57	0.0010	49.05	49.71	703	6.2181	6.0289	6.2746	6.2826
STR 568	010YR2 4Hr	738.11	735.29	0.0010	47.33	47.88	703	12.1690	11.9364	12.2238	12.2350
STR 568	1 1/4" 24hr	738.11	731.37	0.0010	7.88	7.91	673	12.2761	12.0778	12.2794	12.2905
STR 568	100YR0 1hr	738.11	736.92	0.0017	55.48	56.21	703	0.7526	0.6593	0.8686	0.8705
STR 568	100YR0 2hr	738.11	737.23	0.0018	60.49	61.13	703	1.2359	1.1274	1.4274	1.4319
STR 568	100YR0 3hr	738.11	737.27	0.0016	61.00	61.64	703	1.7262	1.6120	1.9304	1.9306
STR 568	100YR0 6hr	738.11	737.44	0.0015	63.35	64.09	703	3.2053	3.1005	3.4581	3.4630
STR 568	100YR1 2hr	738.11	737.28	0.0011	63.04	63.81	703	6.1688	6.0576	6.3879	6.3901
STR 568	100YR2 4hr	738.11	736.88	0.0010	56.76	57.66	703	12.1240	11.7950	12.2555	12.2570
STR 569	002YR0 1HR	738.11	732.77	-0.0010	21.88	21.89	590	0.8700	1.1188	0.8647	0.8761
STR 569	002YR0 2HR	738.11	733.05	-0.0010	25.03	25.11	590	1.3470	1.7161	1.3515	1.3608

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
STR 569	002YR0 3HR	738.11	733.11	-0.0010	25.57	25.67	590	1.8353	3.4955	1.8420	1.8519
STR 569	002YR0 6HR	738.11	733.46	0.0010	29.22	29.43	590	3.2961	2.0563	3.3182	3.3257
STR 569	002YR1 2HR	738.11	733.69	0.0010	31.20	31.40	590	6.2496	6.0743	6.2753	6.2826
STR 569	002YR2 4HR	738.11	733.74	0.0010	31.74	31.91	590	12.1942	12.0096	12.2205	12.2281
STR 569	010YR0 1Hr	738.11	734.48	-0.0010	38.78	39.06	590	0.8153	1.5558	0.8513	0.8540
STR 569	010YR0 2Hr	738.11	735.04	-0.0010	43.38	43.87	590	1.2964	2.2051	1.3476	1.3495
STR 569	010YR0 3Hr	738.11	735.10	0.0010	43.84	44.32	590	1.7860	1.6154	1.8358	1.8436
STR 569	010YR0 6Hr	738.11	735.65	0.0010	47.77	48.38	590	3.2597	3.0949	3.3118	3.3146
STR 569	010YR1 2Hr	738.11	735.75	0.0010	48.07	48.65	590	6.2210	6.0289	6.2658	6.2808
STR 569	010YR2 4Hr	738.11	735.45	0.0010	46.47	46.95	590	12.1722	11.9459	12.2200	12.2344
STR 569	1 1/4" 24hr	738.11	731.48	0.0009	7.85	7.83	571	12.2769	12.0836	12.2628	12.2805
STR 569	100YR0 1hr	738.11	737.06	0.0017	54.29	54.95	590	0.7593	0.6599	0.8664	0.8689
STR 569	100YR0 2hr	738.11	737.34	0.0017	59.50	60.07	590	1.2446	1.1286	1.4244	1.4281
STR 569	100YR0 3hr	738.11	737.37	0.0016	60.01	60.61	590	1.7358	1.6255	1.9261	1.9304
STR 569	100YR0 6hr	738.11	737.52	0.0015	62.32	62.97	590	3.2150	3.1008	3.4549	3.4586
STR 569	100YR1 2hr	738.11	737.38	-0.0013	61.91	62.63	590	6.1771	6.3969	6.3855	6.3881
STR 569	100YR2 4hr	738.11	737.03	0.0010	55.43	56.24	590	12.1336	11.7950	12.2538	12.2555
Str400	002YR0 1HR	742.42	740.76	0.0002	1.19	1.05	4394	1.9425	0.5047	0.6999	1.1038
Str400	002YR0 2HR	742.42	740.77	0.0002	1.56	1.22	4613	2.0855	0.9953	1.1836	1.5942
Str400	002YR0 3HR	742.42	740.78	0.0002	1.67	1.27	4670	3.0685	1.4900	1.6667	1.9304
Str400	002YR0 6HR	742.42	740.81	0.0002	2.38	1.74	5120	3.3165	2.9781	3.1641	3.3155
Str400	002YR1 2HR	742.42	740.86	0.0003	3.14	2.41	5777	6.2251	5.7740	6.1173	6.2276
Str400	002YR2	742.42	740.90	0.0004	3.61	3.07	6329	12.1590	9.9611	12.0832	12.1616

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]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	4HR										
Str400	010YR0 1Hr	742.42	740.87	0.0003	3.46	2.58	5931	0.8218	0.4927	0.6833	0.8242
Str400	010YR0 2Hr	742.42	740.91	0.0002	4.40	3.26	6472	1.2838	1.0195	1.1772	1.2858
Str400	010YR0 3Hr	742.42	740.92	0.0002	4.64	3.45	6608	1.7708	1.5058	1.6667	1.7728
Str400	010YR0 6Hr	742.42	740.97	0.0003	5.99	4.56	7340	3.2276	2.7445	3.1334	3.2291
Str400	010YR1 2Hr	742.42	741.01	0.0004	6.52	5.32	7799	6.1849	5.1165	6.1000	6.1851
Str400	010YR2 4Hr	742.42	741.02	0.0005	6.32	5.53	7927	12.1392	9.4010	12.0667	12.1395
Str400	1 1/4" 24hr	742.42	740.71	0.0002	0.55	0.55	3785	14.1239	12.0794	13.8567	14.1497
Str400	100YR0 1hr	742.42	741.05	0.0002	8.49	6.41	8404	0.7603	0.5210	0.6667	0.7604
Str400	100YR0 2hr	742.42	741.12	0.0002	10.70	8.19	9264	1.2417	1.0119	1.1559	1.2418
Str400	100YR0 3hr	742.42	741.14	0.0002	11.30	8.74	9505	1.7304	1.3844	1.6500	1.7305
Str400	100YR0 6hr	742.42	741.20	0.0003	13.23	10.65	10292	3.2020	2.2113	3.1333	3.2021
Str400	100YR1 2hr	742.42	741.21	0.0006	12.64	11.08	10404	7.1386	4.0953	6.1000	7.1395
Str400	100YR2 4hr	742.42	741.20	0.0001	11.39	10.81	10364	13.0509	11.6339	12.0833	13.0522
Str400A	002YR0 1HR	748.93	741.84	0.0004	0.88	0.88	113	1.6453	0.8597	1.6385	1.6453
Str400A	002YR0 2HR	748.93	741.87	0.0004	1.03	1.03	113	2.4165	1.3213	2.4280	2.4297
Str400A	002YR0 3HR	748.93	741.88	0.0004	1.08	1.08	113	3.3327	1.8064	3.3732	3.3412
Str400A	002YR0 6HR	748.93	741.91	0.0002	1.22	1.22	113	6.0053	3.2345	6.1491	6.1649
Str400A	002YR1 2HR	748.93	741.95	0.0003	1.49	1.49	113	8.7670	5.3130	8.8351	8.8419
Str400A	002YR2 4HR	748.93	742.02	-0.0006	2.00	2.00	113	13.9908	11.4433	14.0416	14.0505
Str400A	010YR0 1Hr	748.93	741.94	0.0001	1.42	1.42	113	1.6352	0.8188	1.6608	1.6380
Str400A	010YR0 2Hr	748.93	742.07	0.0001	2.38	2.38	113	2.3752	2.0674	2.3974	2.3867
Str400A	010YR0 3Hr	748.93	742.09	-0.0001	2.55	2.55	113	3.2901	4.8537	3.2844	3.2925

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
Str400A	010YR0 6Hr	748.93	742.15	0.0002	3.00	3.00	113	5.0854	2.7237	5.1006	5.0854
Str400A	010YR1 2Hr	748.93	742.18	0.0003	3.29	3.29	113	7.6832	5.1165	7.7609	7.7609
Str400A	010YR2 4Hr	748.93	742.20	-0.0009	3.51	3.51	113	13.7113	10.2113	13.7208	13.7113
Str400A	1 1/4" 24hr	748.93	741.76	0.0002	0.52	0.52	113	14.3030	12.1625	14.3011	14.3030
Str400A	100YR0 1hr	748.93	742.20	0.0002	3.48	3.48	113	1.5491	0.9853	1.5679	1.5800
Str400A	100YR0 2hr	748.93	742.26	0.0002	4.16	4.16	113	2.3750	1.4017	2.3893	2.3770
Str400A	100YR0 3hr	748.93	742.32	0.0002	4.76	4.76	114	3.2302	1.8354	3.2526	3.2322
Str400A	100YR0 6hr	748.93	742.67	-0.0009	9.05	9.05	118	4.2441	5.2597	4.2394	4.2472
Str400A	100YR1 2hr	748.93	742.75	-0.0009	10.29	10.29	118	7.0964	8.2802	7.1177	7.1162
Str400A	100YR2 4hr	748.93	742.73	-0.0008	10.06	10.06	118	13.0026	14.1443	13.0251	13.0026
YI-Ex-03	002YR0 1HR	737.84	734.75	0.0009	10.06	9.89	608	0.8426	0.2950	0.8056	0.8245
YI-Ex-03	002YR0 2HR	737.84	734.92	0.0009	11.85	11.63	611	1.3261	0.2950	1.2907	1.3012
YI-Ex-03	002YR0 3HR	737.84	734.96	0.0009	12.26	12.03	611	1.8157	0.2950	1.7800	1.8038
YI-Ex-03	002YR0 6HR	737.84	735.20	0.0009	14.87	14.68	611	3.2824	0.2950	3.2535	3.2712
YI-Ex-03	002YR1 2HR	737.84	735.38	0.0009	16.89	16.71	611	6.2356	0.2950	6.2100	6.2249
YI-Ex-03	002YR2 4HR	737.84	735.44	0.0009	17.61	17.45	611	12.1793	0.2950	12.1564	12.1692
YI-Ex-03	010YR0 1Hr	737.84	735.75	0.0009	21.56	21.25	611	0.8058	0.2950	0.7791	0.7944
YI-Ex-03	010YR0 2Hr	737.84	736.04	0.0009	25.20	24.99	611	1.2853	0.2950	1.2648	1.2756
YI-Ex-03	010YR0 3Hr	737.84	736.09	0.0009	25.69	25.50	611	1.7773	0.2950	1.7514	1.7644
YI-Ex-03	010YR0 6Hr	737.84	736.42	0.0009	29.38	29.31	611	3.2476	0.2950	3.2238	3.2381
YI-Ex-03	010YR1 2Hr	737.84	736.48	0.0009	29.93	29.90	611	6.2111	0.2950	6.1994	6.2034
YI-Ex-03	010YR2 4Hr	737.84	736.35	0.0009	29.12	29.18	611	12.1450	0.2950	12.1520	12.1573
YI-Ex-03	1 1/4"	737.84	734.04	0.0006	3.66	3.62	521	12.2358	0.2934	12.2075	12.2269

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
	24hr										
YI-Ex-03	100YR0 1hr	737.84	736.83	0.0009	32.62	32.60	611	0.8035	0.2950	0.7839	0.7996
YI-Ex-03	100YR0 2hr	737.84	737.06	0.0010	33.82	33.86	611	1.2866	1.1409	1.2873	1.4907
YI-Ex-03	100YR0 3hr	737.84	737.10	0.0010	34.22	34.33	611	1.7846	1.6250	1.9725	1.9704
YI-Ex-03	100YR0 6hr	737.84	737.26	-0.0010	35.89	35.99	611	3.2584	4.6230	3.3873	3.3821
YI-Ex-03	100YR1 2hr	737.84	737.37	-0.0010	36.02	36.12	611	6.7129	7.6866	6.2938	6.2921
YI-Ex-03	100YR2 4hr	737.84	737.50	-0.0010	35.07	35.03	611	12.5985	12.8661	12.1499	12.1499
YI-Ex31 6	002YR0 1HR	737.55	735.18	0.0010	8.02	7.79	593	0.8173	0.1557	0.7667	0.7900
YI-Ex31 6	002YR0 2HR	737.55	735.36	0.0010	9.33	9.05	593	1.3047	0.1557	1.2532	1.2764
YI-Ex31 6	002YR0 3HR	737.55	735.40	0.0010	9.60	9.32	593	1.7958	0.1557	1.7500	1.7687
YI-Ex31 6	002YR0 6HR	737.55	735.67	0.0010	11.38	11.04	593	3.2670	0.1557	3.2186	3.2405
YI-Ex31 6	002YR1 2HR	737.55	735.87	0.0010	12.49	12.23	593	6.2216	0.1557	6.1836	6.2011
YI-Ex31 6	002YR2 4HR	737.55	735.94	0.0010	12.60	12.43	593	12.1679	0.1557	12.1338	12.1499
YI-Ex31 6	010YR0 1Hr	737.55	736.44	0.0010	16.17	15.97	594	0.7918	0.1557	0.7502	0.7577
YI-Ex31 6	010YR0 2Hr	737.55	736.93	0.0010	18.49	18.31	594	1.2740	0.1557	1.2408	1.2510
YI-Ex31 6	010YR0 3Hr	737.55	737.00	0.0010	18.73	18.55	594	1.7661	0.1557	1.7335	1.7419
YI-Ex31 6	010YR0 6Hr	737.55	737.59	0.0011	21.00	20.81	923	3.2431	3.1191	3.2226	3.2179
YI-Ex31 6	010YR1 2Hr	737.55	737.67	-0.0010	21.63	20.84	2595	6.2147	6.2592	6.1742	6.1576
YI-Ex31 6	010YR2 4Hr	737.55	737.46	0.0010	19.81	19.78	593	12.1497	0.1557	12.1403	12.1474
YI-Ex31 6	1 1/4" 24hr	737.55	734.46	0.0006	3.08	3.01	566	12.2036	11.9737	12.1639	12.1897
YI-Ex31 6	100YR0 1hr	737.55	738.17	-0.0090	26.85	23.94	13435	0.9091	1.0751	0.7500	0.6713
YI-Ex31 6	100YR0 2hr	737.55	738.37	-0.0096	28.57	25.50	17814	1.4355	1.6821	1.2477	1.5669
YI-Ex31 6	100YR0 3hr	737.55	738.40	-0.0093	28.77	25.45	18593	1.9306	2.1970	1.7334	2.0505

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 [ft <sup>2</sup> ]	Time to Max Stage [hr]	Time to Min/Max Delta Stage [hr]	Time to Max Total Inflow [hr]	Time to Max Total Outflow [hr]
YI-Ex31 6	100YR0 6hr	737.55	738.53	-0.0048	29.88	24.02	21319	3.4185	3.8452	3.2159	3.4846
YI-Ex31 6	100YR1 2hr	737.55	738.48	-0.0026	28.94	22.50	20322	6.3964	6.8271	6.1716	6.3892
YI-Ex31 6	100YR2 4hr	737.55	738.35	-0.0010	26.93	21.13	17488	12.3778	12.7075	12.1333	11.9840
YI-Ex31 7	002YR0 1HR	738.38	735.35	0.0010	7.51	7.23	598	0.8024	0.1557	0.7500	0.7669
YI-Ex31 7	002YR0 2HR	738.38	735.52	0.0010	8.95	8.56	598	1.2929	0.1557	1.2334	1.2511
YI-Ex31 7	002YR0 3HR	738.38	735.56	0.0010	9.20	8.81	598	1.7841	0.1557	1.7167	1.7385
YI-Ex31 7	002YR0 6HR	738.38	735.83	-0.0010	11.03	10.53	598	3.2580	3.3569	3.2000	3.2174
YI-Ex31 7	002YR1 2HR	738.38	736.04	-0.0010	12.13	11.66	598	6.2161	6.3042	6.1667	6.1828
YI-Ex31 7	002YR2 4HR	738.38	736.11	0.0010	12.18	11.84	598	12.1636	0.1557	12.1166	12.1337
YI-Ex31 7	010YR0 1Hr	738.38	736.76	-0.0010	15.93	15.62	598	0.7853	0.8278	0.7333	0.7476
YI-Ex31 7	010YR0 2Hr	738.38	737.35	-0.0010	18.48	18.19	598	1.2690	1.3261	1.2333	1.2337
YI-Ex31 7	010YR0 3Hr	738.38	737.43	-0.0010	18.75	18.42	598	1.7598	1.8152	1.7167	1.7207
YI-Ex31 7	010YR0 6Hr	738.38	738.13	0.0013	21.23	20.90	598	3.2325	3.1218	3.1834	3.2004
YI-Ex31 7	010YR1 2Hr	738.38	738.22	0.0011	21.53	21.31	598	6.1891	6.0681	6.1500	6.1670
YI-Ex31 7	010YR2 4Hr	738.38	737.94	0.0010	19.79	19.59	598	12.1482	12.0013	12.1167	12.1173
YI-Ex31 7	1 1/4" 24hr	738.38	734.70	0.0009	2.58	2.52	547	12.1778	0.1178	12.1333	12.1644
YI-Ex31 7	100YR0 1hr	738.38	738.88	-0.0028	31.30	26.76	10916	0.8400	1.0110	0.7333	0.6721
YI-Ex31 7	100YR0 2hr	738.38	739.11	-0.0034	36.43	27.48	15866	1.3535	1.6155	1.2167	1.1397
YI-Ex31 7	100YR0 3hr	738.38	739.14	-0.0035	37.07	27.35	16616	1.8496	2.1262	1.7166	1.6263
YI-Ex31 7	100YR0 6hr	738.38	739.28	-0.0020	40.79	27.02	19667	3.3424	3.7192	3.1834	3.0878
YI-Ex31 7	100YR1 2hr	738.38	739.22	0.0014	38.03	25.68	18417	6.3046	5.9881	6.1500	6.0426
YI-Ex31 7	100YR2 4hr	738.38	739.02	-0.0010	31.59	24.07	13910	12.2425	12.4975	12.1167	11.9959





**APPENDIX C**

**STORM SEWER DESIGN**

**CALCULATIONS**



# Bluffs at Youngs Creek Section 4

Job #83540

Post Developed Site

Runoff Coefficients &  
Weighted Curve Numbers

Structure #	Section 3 0.85A <sub>imp</sub> + 0.16A <sub>per</sub> + 0.5A <sub>ag</sub> Total Drainage Area										Section 4 Remainder		Section 5 CN <sub>1</sub> = 98A <sub>imp</sub> + 80A <sub>per</sub> Total Drainage Area				ICPR Basin # Area	ICPR Basin CN CN <sub>w</sub>
	Total Drainage Area	Total Pavement Area A <sub>imp</sub>	Total Pavement Area A <sub>imp</sub>	Total Roof Area A <sub>imp</sub>	Total Roof Area A <sub>imp</sub>	Total Impervious Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>	Total Area A <sub>imp</sub>		
	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)	(ac)	(sq. ft.)		
450	0.46	7192	0.17	5212	0.12	12404	0.28	0.18	0.00	0.59	91.1							
451	0.64	10297	0.24	5118	0.12	15415	0.35	0.29	0.00	0.54	90.0			Lake 2	8.30	85.61		
455	1.04	16165	0.37	13590	0.31	29755	0.68	0.36	0.00	0.61	91.8							
456	0.62	8618	0.20	3177	0.07	11795	0.27	0.36	0.00	0.46	87.9							
463	0.88	13094	0.30	9584	0.22	22678	0.52	0.36	0.00	0.57	90.6			463	0.88	90.65		
464	0.78	11774	0.27	6788	0.16	18562	0.43	0.35	0.00	0.54	89.8			464	0.78	89.83		
466	0.61	6226	0.14	4853	0.11	11080	0.25	0.36	0.00	0.45	87.5			466	0.61	87.51		
467	0.40	5754	0.13	0	0.00	5754	0.13	0.27	0.00	0.39	85.9			467	0.40	85.94		
468	0.33	0	0.00	5820	0.13	5820	0.13	0.20	0.00	0.44	87.3			468	1.34	88.87		
469	0.25	0	0.00	3748	0.09	3748	0.09	0.16	0.00	0.40	86.2			469	1.76	89.31		
470	0.74	0	0.00	9810	0.23	9810	0.23	0.51	0.00	0.37	85.5							
472	0.63	10376	0.24	6060	0.14	16436	0.38	0.25	0.00	0.57	90.8							
473	0.70	10552	0.24	6000	0.14	16552	0.38	0.32	0.00	0.53	89.8							
474	0.76	0	0.00	9240	0.21	9240	0.21	0.55	0.00	0.35	85.0			470	6.30	86.96		
475	0.67	10028	0.23	5482	0.13	15510	0.36	0.31	0.00	0.53	89.6							
476	0.72	10882	0.25	7704	0.18	18585	0.43	0.29	0.00	0.57	90.7							
477	0.16	1930	0.04	1500	0.03	3430	0.08	0.08	0.00	0.50	88.9			501	4.11	66.51		
478	0.05	1015	0.02	0	0.00	1015	0.02	0.03	0.00	0.48	88.4							
480	0.75	10837	0.25	7537	0.17	18374	0.42	0.33	0.00	0.55	90.1							
481	0.68	10084	0.23	5783	0.13	15867	0.36	0.32	0.00	0.53	89.6			450	16.01	85.61		
482	0.84	0	0.00	11879	0.27	11879	0.27	0.57	0.00	0.38	85.8							
483	1.02	0	0.00	17892	0.41	17892	0.41	0.61	0.00	0.44	87.2							
484	0.31	5374	0.12	0	0.00	5374	0.12	0.19	0.00	0.43	87.2							
485	0.51	8176	0.19	5686	0.13	13862	0.32	0.19	0.00	0.59	91.2							
487	0.29	5343	0.12	0	0.00	5343	0.12	0.17	0.00	0.45	87.6			465	20.09	82.24		
488	0.51	8176	0.19	5677	0.13	13853	0.32	0.19	0.00	0.59	91.2							
489	0.39	0	0.00	4380	0.10	4380	0.10	0.29	0.00	0.34	84.6			Lake 2	16.01	85.61		
490	0.18	3019	0.07	0	0.00	3019	0.07	0.11	0.00	0.43	86.9							
491	0.33	4504	0.10	3153	0.07	7657	0.18	0.15	0.00	0.53	89.6							
492	0.60	9639	0.22	6000	0.14	15639	0.36	0.24	0.00	0.57	90.8			465	20.09	82.24		
493	0.68	10466	0.24	7337	0.17	17803	0.41	0.27	0.00	0.57	90.8							
494	0.64	9609	0.22	7380	0.17	16989	0.39	0.25	0.00	0.58	91.0							
495	0.37	5954	0.14	0	0.00	5954	0.14	0.23	0.00	0.41	86.6			468	1.34	88.87		
496	0.67	10539	0.24	5939	0.14	16478	0.38	0.29	0.00	0.55	90.2							
497	0.84	11314	0.26	8100	0.19	19414	0.45	0.39	0.00	0.53	89.6			469	1.76	89.31		
498	0.21	2696	0.06	0	0.00	2696	0.06	0.15	0.00	0.36	85.3							
499	0.16	2626	0.06	0	0.00	2626	0.06	0.10	0.00	0.42	86.8							
500	1.71	0	0.00	14700	0.34	14700	0.34	1.37	0.00	0.30	83.6			470	6.30	86.96		
501	0.65	0	0.00	8700	0.20	8700	0.20	0.45	0.00	0.37	85.5			501	4.11	66.51		
503	0.68	10396	0.24	7350	0.17	17746	0.41	0.27	0.00	0.57	90.8			503	0.68	90.78		
504	0.60	9594	0.22	6240	0.14	15834	0.36	0.24	0.00	0.58	90.9			504	0.60	90.90		
505	1.04	0	0.00	13860	0.32	13860	0.32	0.72	0.00	0.37	85.5							
507	0.57	9038	0.21	4860	0.11	13898	0.32	0.25	0.00	0.55	90.1							
508	0.76	11391	0.26	8506	0.20	19898	0.46	0.30	0.00	0.57	90.8							
509	0.33	5753	0.13	0	0.00	5753	0.13	0.20	0.00	0.44	87.2			501	4.11	66.51		
510	0.55	8404	0.19	6029	0.14	14432	0.33	0.22	0.00	0.58	90.8							
517	0.77	10860	0.25	8432	0.19	19292	0.44	0.33	0.00	0.56	90.4			517	0.77	90.35		
518	0.53	7748	0.18	2954	0.07	10702	0.25	0.28	0.00	0.48	88.3			518	0.53	88.34		
521	0.52	0	0.00	11923	0.27	11923	0.27	0.25	0.00	0.52	89.5			521	2.95	88.05		

CN<sub>u</sub> =  
CN98= Impervious Areas  
CN80= Open Space (Good) - D S

CN<sub>w</sub> =  
 $98A_{imp} + 80A_{per}$   
Total Drainage Area

C<sub>w</sub> =  
 $0.85A_{imp} + 0.16A_{per} + 0.5A_{ag}$   
Total Drainage Area

Structure #	Total Drainage Area (ac)	Total Pavement Area A <sub>pav</sub> (sq. ft.)	Total Pavement Area A <sub>pav</sub> (ac)	Total Roof Area A <sub>imp</sub> (sq. ft.)	Total Roof Area A <sub>imp</sub> (ac)	Total Impervious Area A <sub>imp</sub> (sq. ft.)	Total Impervious Area A <sub>imp</sub> (ac)	Total Previous Area A <sub>per</sub> (ac)	Total Agricultural Area A <sub>ag</sub> (ac)	Sub-Basin Weighted C-Factor C <sub>w</sub>	Sub-Basin Weighted CN	ICPR Basin #	ICPR Basin CN
522	1.39	0	0.00	17912	0.41	17912	0.41	0.98	0.00	0.36	85.3	522	81.21
524	0.34	5756	0.13	0	0.00	5756	0.13	0.21	0.00	0.43	87.0	524	87
525	0.62	9381	0.22	7391	0.17	16773	0.39	0.23	0.00	0.59	91.2	525	91
528	0.64	9730	0.22	5524	0.13	15254	0.35	0.29	0.00	0.54	89.8		
529	0.91	11694	0.27	9335	0.21	21028	0.48	0.43	0.00	0.53	89.5		
530	0.88	0	0.00	9238	0.21	9238	0.21	0.67	0.00	0.33	84.3	521	88.05
531	0.88	13061	0.30	9440	0.22	22501	0.52	0.36	0.00	0.57	90.6		
532	0.88	13067	0.30	9393	0.22	22460	0.52	0.36	0.00	0.56	90.5		
533	0.51	0	0.00	5235	0.12	5235	0.12	0.39	0.00	0.32	84.2	522	81.21
534	0.24	0	0.00	3739	0.09	3739	0.09	0.15	0.00	0.41	86.4		
535	0.18	2971	0.07	0	0.00	2971	0.07	0.11	0.00	0.42	86.8		
536	0.32	4457	0.10	3000	0.07	7457	0.17	0.15	0.00	0.53	89.6		
539	0.33	4839	0.11	3795	0.09	8634	0.20	0.13	0.00	0.57	90.8	539	90.81
540	0.33	4839	0.11	3285	0.08	8124	0.19	0.14	0.00	0.55	90.2	540	90.17
541	0.54	0	0.00	7140	0.16	7140	0.16	0.38	0.00	0.37	85.5	541	87.63
542	1.05	0	0.00	15225	0.35	15225	0.35	0.70	0.00	0.39	86.0		
543	0.71	10758	0.25	7510	0.17	18268	0.42	0.29	0.00	0.57	90.6		
544	0.71	10795	0.25	7895	0.18	18689	0.43	0.28	0.00	0.58	90.9	542	89.31
546	0.86	0	0.00	13228	0.30	13228	0.30	0.56	0.00	0.40	86.4		
547	0.32	5378	0.12	0	0.00	5378	0.12	0.20	0.00	0.43	86.9		
548	0.51	8181	0.19	5680	0.13	13860	0.32	0.19	0.00	0.59	91.2		
549	0.74	0	0.00	10831	0.25	10831	0.25	0.49	0.00	0.39	86.0		
550	0.45	6902	0.16	4620	0.11	11522	0.26	0.19	0.00	0.57	90.6		
551	0.45	6900	0.16	4620	0.11	11520	0.26	0.19	0.00	0.57	90.6		
552	0.78	0	0.00	11754	0.27	11754	0.27	0.51	0.00	0.40	86.2		
554	0.81	12440	0.29	8880	0.20	21320	0.49	0.32	0.00	0.58	90.9	549	89.24
555	0.81	12436	0.29	9305	0.21	21741	0.50	0.31	0.00	0.59	91.1		
556	0.44	6277	0.14	4493	0.10	10770	0.25	0.19	0.00	0.55	90.1		
557	0.44	6292	0.14	4945	0.11	11237	0.26	0.18	0.00	0.56	90.6		
558	0.71	0	0.00	10179	0.23	10179	0.23	0.48	0.00	0.39	85.9		
559	0.73	10969	0.25	7629	0.18	18598	0.43	0.30	0.00	0.56	90.5		
560	0.67	10313	0.24	6000	0.14	16313	0.37	0.30	0.00	0.55	90.1		
561	0.32	5378	0.12	0	0.00	5378	0.12	0.20	0.00	0.43	86.9		
562	0.59	8342	0.19	6126	0.14	14467	0.33	0.26	0.00	0.55	90.1		
563	0.80	12302	0.28	8867	0.20	21169	0.49	0.31	0.00	0.58	90.9	542	89.31
564	0.80	12306	0.28	8962	0.21	21288	0.49	0.31	0.00	0.58	91.0		
565	0.53	8011	0.18	5619	0.13	13630	0.31	0.22	0.00	0.57	90.6		
566	0.60	8833	0.20	6705	0.15	15537	0.36	0.24	0.00	0.57	90.7		
568	0.31	5367	0.12	0	0.00	5367	0.12	0.19	0.00	0.43	87.2	549	89.24
569	0.51	8176	0.19	5850	0.13	14026	0.32	0.19	0.00	0.60	91.4	568	87.15
570	0.31	5374	0.12	0	0.00	5374	0.12	0.19	0.00	0.43	87.2	569	91.36
571	0.47	8860	0.16	3000	0.07	9860	0.23	0.24	0.00	0.49	88.7	549	89.24
574	0.55	0	0.00	8760	0.20	8760	0.20	0.35	0.00	0.41	86.6		
575	0.30	5358	0.12	0	0.00	5358	0.12	0.18	0.00	0.44	87.4		
576	0.30	5357	0.12	0	0.00	5357	0.12	0.18	0.00	0.44	87.4		
577	1.09	0	0.00	16166	0.37	16166	0.37	0.72	0.00	0.39	86.1		
578	1.37	0	0.00	19377	0.44	19377	0.44	0.93	0.00	0.38	85.8		
581	0.61	9141	0.21	4500	0.10	13841	0.31	0.30	0.00	0.51	89.2		
582	0.68	10464	0.24	7200	0.17	17664	0.41	0.27	0.00	0.57	90.7		
583	1.12	0	0.00	17137	0.39	17137	0.39	0.73	0.00	0.40	86.3		
584	0.82	12965	0.30	8718	0.20	21683	0.50	0.32	0.00	0.58	90.9		
585	0.82	12979	0.30	8700	0.20	21679	0.50	0.32	0.00	0.58	90.9		
586	1.13	0	0.00	17412	0.40	17412	0.40	0.73	0.00	0.40	86.4		
588	0.82	12932	0.30	8699	0.20	21631	0.50	0.32	0.00	0.58	90.9		
589	0.88	13097	0.30	9271	0.21	22368	0.51	0.37	0.00	0.56	90.5		
590	0.82	0	0.00	11873	0.27	11873	0.27	0.55	0.00	0.39	86.0		
591	1.26	0	0.00	17879	0.41	17879	0.41	0.85	0.00	0.38	85.9		

Structure #	Total Drainage Area (ac)	Total Pavement Area A <sub>pav</sub> (sq. ft.)	Total Pavement Area A <sub>pav</sub> (ac)	Total Roof Area A <sub>imp</sub> (sq. ft.)	Total Roof Area A <sub>imp</sub> (ac)	Total Impervious Area A <sub>imp</sub> (sq. ft.)	Total Impervious Area A <sub>imp</sub> (ac)	Total Previous Area A <sub>per</sub> (ac)	Total Agricultural Area A <sub>ag</sub> (ac)	Sub-Basin Weighted C-Factor	Sub-Basin Weighted CN	ICPR Basin #		ICPR Basin CN
												Area	Area	
592	0.68	0	0.00	7500	0.17	7500	0.17	0.51	0.00	0.33	84.6	Lake 2	16.01	85.61
593	0.59	8341	0.19	6202	0.14	14543	0.33	0.26	0.00	0.55	90.2			
594	0.30	5343	0.12	0	0.00	5343	0.12	0.18	0.00	0.44	87.4			
595	0.40	6968	0.16	1200	0.03	8168	0.19	0.21	0.00	0.48	88.4			
596	0.73	10924	0.25	8880	0.20	19804	0.45	0.28	0.00	0.59	91.2			
597	0.30	0	0.00	5357	0.12	5357	0.12	0.18	0.00	0.44	87.4			
598	0.59	8341	0.19	6237	0.14	14579	0.33	0.26	0.00	0.55	90.2			
599	0.30	5362	0.12	0	0.00	5362	0.12	0.18	0.00	0.44	87.4			
600	0.52	8192	0.19	5850	0.13	14042	0.32	0.20	0.00	0.59	91.2			
601	0.30	5358	0.12	0	0.00	5358	0.12	0.18	0.00	0.44	87.4			
602	0.52	8189	0.19	5643	0.13	13832	0.32	0.20	0.00	0.58	91.0			
603	0.31	5370	0.12	0	0.00	5370	0.12	0.19	0.00	0.43	87.2			
604	0.59	8339	0.19	6150	0.14	14489	0.33	0.26	0.00	0.55	90.1			
605	0.78	11604	0.27	8014	0.18	19617	0.45	0.33	0.00	0.56	90.4			
606	0.79	11604	0.27	8019	0.18	19623	0.45	0.34	0.00	0.55	90.3			
607	0.62	9675	0.22	6875	0.16	16550	0.38	0.24	0.00	0.58	91.0			
608	0.67	9672	0.22	6861	0.16	16533	0.38	0.29	0.00	0.55	90.2			
611	0.88	13699	0.31	10287	0.24	23986	0.55	0.33	0.00	0.59	91.3			
612	0.88	13700	0.31	10351	0.24	24050	0.55	0.33	0.00	0.59	91.3			
614	0.84	0	0.00	13290	0.31	13290	0.31	0.53	0.00	0.41	86.5			
615	0.71	0	0.00	10500	0.24	10500	0.24	0.47	0.00	0.39	86.1			
616	1.02	0	0.00	14760	0.34	14760	0.34	0.68	0.00	0.39	86.0			
618	1.03	15474	0.36	11203	0.28	26677	0.61	0.42	0.00	0.57	90.7			
619	1.02	15780	0.36	10701	0.25	26480	0.61	0.41	0.00	0.57	90.7			
620	0.92	0	0.00	10800	0.25	10800	0.25	0.67	0.00	0.35	84.9			
621	0.32	5376	0.12	0	0.00	5376	0.12	0.20	0.00	0.43	86.9			
622	0.44	7352	0.17	4490	0.10	11842	0.27	0.17	0.00	0.59	91.1			
624	0.96	14885	0.34	11122	0.26	26006	0.60	0.36	0.00	0.59	91.2			
625	0.96	14869	0.34	11187	0.26	26056	0.60	0.36	0.00	0.59	91.2			
626	0.77	0	0.00	9565	0.22	9565	0.22	0.55	0.00	0.36	85.1			
627	0.18	2972	0.07	0	0.00	2972	0.07	0.11	0.00	0.42	86.8			
628	0.17	2971	0.07	0	0.00	2971	0.07	0.10	0.00	0.44	87.2			
629	0.45	0	0.00	5219	0.12	5219	0.12	0.33	0.00	0.34	84.8			
630	0.29	5343	0.12	0	0.00	5343	0.12	0.17	0.00	0.45	87.6			
631	0.52	8190	0.19	5609	0.13	13799	0.32	0.20	0.00	0.58	91.0			
634	0.32	4451	0.10	3093	0.07	7544	0.17	0.15	0.00	0.53	89.7			
635	0.18	2978	0.07	0	0.00	2978	0.07	0.11	0.00	0.42	86.8			
636	0.34	0	0.00	4499	0.10	4499	0.10	0.24	0.00	0.37	85.5			
637	0.18	0	0.00	2970	0.07	2970	0.07	0.11	0.00	0.42	86.8			
638	0.32	4792	0.11	3563	0.08	8355	0.19	0.13	0.00	0.57	90.8			
647	0.43	0	0.00	6000	0.14	6000	0.14	0.29	0.00	0.38	85.8			
EX-314	0.19	3159	0.07	0	0.00	3159	0.07	0.12	0.00	0.42	86.9			
EX-315	0.19	3142	0.07	0	0.00	3142	0.07	0.12	0.00	0.42	86.8			
EX-315A	0.99	0	0.00	0	0.00	0	0.00	0.99	0.00	0.16	80.0			
EX-318	1.48	22175	0.51	15429	0.35	37604	0.86	0.62	0.00	0.56	90.5			
EX-319	0.93	15374	0.35	7500	0.17	22874	0.53	0.40	0.00	0.55	90.2			
Lake 2	7.71	0	0.00	40308	0.93	40308	0.93	6.78	0.00	0.24	82.2	Lake 2	16.01	85.61
Lake 3	8.61	0	0.00	37389	0.86	37389	0.86	7.75	0.00	0.23	81.8	Lake 3	42.73	87.22
Lake 4	5.77	0	0.00	31545	0.72	31545	0.72	5.05	0.00	0.25	82.3	Lake 4	5.77	82.26
Pond A	16.97	0	0.00	38449	0.88	38449	0.88	16.09	0.00	0.67	80.9	465	20.09	82.24
Existing - S4 Area	33.25										82.0	465	33.25	82.00

# Bluffs at Youngs Creek Section 4

Job #83540

Post-Developed Site

Time of Concentrations

Section 3	Section 4	Remainder
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Basin	Sheet Flow						Manual (L/V)						
	Description	n =	L = (ft)	P <sub>2</sub> = (in)	s = (ft/ft)	T <sub>1</sub> = .007(nL) <sup>0.8</sup> /(P <sub>2</sub> <sup>0.5</sup> S <sup>0.4</sup> ) (hrs)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>t</sub> = L/V (hrs)	T <sub>c</sub> (total) (hrs)	T <sub>c</sub> (total) (min)
	Dense Grasses	0.24	72.9	2.71	0.02	0.2007	Paved/Unpaved						
450	Dense Grasses	0.24	72.9	2.71	0.02	0.2007	Paved	0.007	1.70	0	0.0000	0.2007	12.0
451	Dense Grasses	0.24	71	2.71	0.02	0.1965	Paved	0.007	1.700779	0	0.0000	0.1965	11.8
455	Dense Grasses	0.24	73.16	2.71	0.02	0.2013	Paved	0.0088	1.906954	0	0.0000	0.2013	12.1
456	Dense Grasses	0.24	71	2.71	0.02	0.1965	Paved	0.005	1.437421	0	0.0000	0.1965	11.8
463	Dense Grasses	0.24	100	2.71	0.0221	0.2483	Paved	0.012	2.226843	85	0.0106	0.2589	15.5
464	Dense Grasses	0.24	75	2.71	0.0104	0.2667	Paved	0.012	2.226843	295	0.0368	0.3035	18.2
466	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	185	0.0326	0.3035	18.2
467	Dense Grasses	0.24	45	2.71	0.019	0.1393	Paved	0.006	1.574616	145	0.0256	0.1648	9.9
468	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.0053	1.174609	0	0.0000	0.3410	20.5
469	Dense Grasses	0.24	95	2.71	0.01	0.3273	Unpaved	0.01	1.61345	0	0.0000	0.3273	19.6
470	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.02	2.281763	85	0.0103	0.3514	21.1
472	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.0108	2.112569	165	0.0217	0.2810	16.9
473	Dense Grasses	0.24	75	2.71	0.0084	0.2905	Paved	0.006	1.574616	220	0.0388	0.3293	19.8
474	Dense Grasses	0.24	70	2.71	0.01	0.2564	Unpaved	0.01	1.61345	80	0.0138	0.2701	16.2
475	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.006	1.57	220	0.0388	0.2981	17.9
476	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.006	1.574616	245	0.0432	0.3025	18.2
477	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.006	1.574616	65	0.0115	0.2708	16.2
478	Dense Grasses	0.24	55	2.71	0.01	0.2114	Paved	0.006	1.574616	35	0.0062	0.2176	13.1
480	Dense Grasses	0.24	95	2.71	0.0277	0.2178	Paved	0.006	1.574616	70	0.0123	0.2301	13.8
481	Dense Grasses	0.24	100	2.71	0.0243	0.2391	Paved	0.006	1.574616	140	0.0247	0.2638	15.8
482	Dense Grasses	0.24	65	2.71	0.0086	0.2566	Unpaved	0.011	1.692201	150	0.0246	0.2813	16.9
483	Dense Grasses	0.24	65	2.71	0.0114	0.2293	Unpaved	0.01	1.61345	275	0.0473	0.2766	16.6
484	Dense Grasses	0.24	50	2.71	0.02	0.1484	Paved	0.006	1.574616	95	0.0168	0.1652	9.9
485	Dense Grasses	0.24	75	2.71	0.0093	0.2789	Paved	0.006	1.574616	105	0.0185	0.2974	17.8
487	Dense Grasses	0.24	45	2.71	0.0764	0.0798	Paved	0.006	1.574616	90	0.0159	0.0957	5.7
488	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.0053	1.479915	80	0.0150	0.2743	16.5
489	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.01	1.61345	70	0.0121	0.3531	21.2
490	Dense Grasses	0.24	45	2.71	0.02	0.1364	Paved	0.006	1.574616	105	0.0185	0.1550	9.3
491	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	155	0.0273	0.2983	17.9
492	Dense Grasses	0.24	80	2.71	0.015	0.2426	Paved	0.0134	2.353159	80	0.0094	0.2520	15.1
493	Dense Grasses	0.24	90	2.71	0.0124	0.2876	Paved	0.1	6.428341	0	0.0000	0.2876	17.3
494	Dense Grasses	0.24	90	2.71	0.01	0.3135	Paved	0.006	1.57	145	0.0256	0.3390	20.3
495	Dense Grasses	0.24	45	2.71	0.02	0.1364	Paved	0.006	1.574616	105	0.0185	0.1550	9.3
496	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	165	0.0291	0.3000	18.0
497	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	130	0.0229	0.2938	17.6
498	Dense Grasses	0.24	30	2.71	0.01	0.1302	Paved	0.006	1.574616	95	0.0168	0.1469	8.8
499	Dense Grasses	0.24	55	2.71	0.01	0.2114	Paved	0.006	1.574616	90	0.0159	0.2273	13.6

Basin	Sheet Flow						Manual (L/V)						
	Description	n =	L = (ft)	P <sub>2</sub> = (in)	s = (ft/ft)	T <sub>1</sub> = .007(nL) <sup>0.8</sup> /(P <sub>2</sub> <sup>0.5</sup> S <sub>0</sub> <sup>0.4</sup> ) (hrs)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	T <sub>c</sub> (total) (hrs)	T <sub>c</sub> (total) (min)
	Dense Grasses	0.24	100	2.71	0.01	0.3410	Paved/Unpaved	0.01	1.61345	150	0.0258	0.3668	22.0
500	Dense Grasses	0.24	95	2.71	0.01	0.3273	Unpaved	0.01	1.61345	70	0.0121	0.3394	20.4
501	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	190	0.0335	0.3044	18.3
503	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	135	0.0238	0.2947	17.7
504	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.012	1.767446	145	0.0228	0.3638	21.8
505	Dense Grasses	0.24	75	2.71	0.0248	0.1884	Paved	0.006	1.574616	65	0.0115	0.1999	12.0
507	Dense Grasses	0.24	75	2.71	0.0111	0.2598	Paved	0.006	1.574616	170	0.0300	0.2898	17.4
508	Dense Grasses	0.24	45	2.71	0.01	0.1800	Paved	0.006	1.574616	105	0.0185	0.1986	11.9
509	Dense Grasses	0.24	71	2.71	0.01	0.2593	Paved	0.0085	1.874167	115	0.0170	0.2763	16.6
510	Dense Grasses	0.24	75	2.71	0.0098	0.2731	Paved	0.0074	1.748698	115	0.0183	0.2914	17.5
517	Dense Grasses	0.24	90	2.71	0.0093	0.3227	Paved	0.1	6.428341	25	0.0011	0.3238	19.4
518	Dense Grasses	0.24	75	2.71	0.0095	0.2765	Unpaved	0.007	1.35	0	0.0000	0.2765	16.6
521	Dense Grasses	0.24	75	2.71	0.0096	0.2754	Unpaved	0.01	1.61345	140	0.0241	0.2995	18.0
522	Dense Grasses	0.24	50	2.71	0.0822	0.0843	Paved	0.0088	1.906954	120	0.0175	0.1018	6.1
524	Dense Grasses	0.24	80	2.71	0.0145	0.2459	Paved	0.0088	1.906954	70	0.0102	0.2561	15.4
525	Dense Grasses	0.24	60	2.71	0.02	0.1717	Paved	0.0072	1.724905	390	0.0628	0.2346	14.1
528	Dense Grasses	0.24	85	2.71	0.0089	0.3137	Paved	0.0068	1.676306	135	0.0224	0.3361	20.2
529	Dense Grasses	0.24	75	2.71	0.0095	0.2765	Unpaved	0.01	1.61345	170	0.0293	0.3058	18.3
530	Dense Grasses	0.24	75	2.71	0.0246	0.1890	Paved	0.0152	2.506229	140	0.0155	0.2045	12.3
531	Dense Grasses	0.24	75	2.71	0.0091	0.2813	Paved	0.0152	2.506229	70	0.0078	0.2891	17.3
532	Dense Grasses	0.24	70	2.71	0.01	0.2564	Unpaved	0.01	1.61345	140	0.0241	0.2805	16.8
533	Dense Grasses	0.24	70	2.71	0.01	0.2564	Unpaved	0.01	1.61345	70	0.0121	0.2684	16.1
534	Dense Grasses	0.24	50	2.71	0.01	0.1959	Paved	0.01	2.03282	135	0.0184	0.2143	12.9
535	Dense Grasses	0.24	75	2.71	0.0095	0.2765	Paved	0.01	2.03282	145	0.0198	0.2963	17.8
536	Dense Grasses	0.24	75	2.71	0.0103	0.2677	Paved	0.008	1.818209	75	0.0115	0.2792	16.8
539	Dense Grasses	0.24	75	2.71	0.0093	0.2789	Paved	0.008	1.818209	85	0.0130	0.2919	17.5
540	Dense Grasses	0.24	65	2.71	0.0093	0.2487	Unpaved	0.008	1.443114	85	0.0164	0.2651	15.9
541	Dense Grasses	0.24	65	2.71	0.0098	0.2436	Unpaved	0.001	0.510218	210	0.1143	0.3579	21.5
542	Dense Grasses	0.24	75	2.71	0.015	0.2304	Paved	0.008	1.82	215	0.0328	0.2632	15.8
543	Dense Grasses	0.24	75	2.71	0.016	0.2245	Paved	0.008	1.818209	215	0.0328	0.2573	15.4
544	Dense Grasses	0.24	65	2.71	0.01	0.2416	Unpaved	0.01	1.61345	135	0.0232	0.2649	15.9
546	Dense Grasses	0.24	45	2.71	0.01	0.1800	Paved	0.006	1.574616	100	0.0176	0.1977	11.9
547	Dense Grasses	0.24	75	2.71	0.0103	0.2677	Paved	0.008	1.818209	105	0.0160	0.2838	17.0
548	Dense Grasses	0.24	65	2.71	0.01	0.2416	Unpaved	0.01	1.61345	135	0.0232	0.2649	15.9
549	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	135	0.0238	0.2947	17.7
550	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	135	0.0238	0.2947	17.7
551	Dense Grasses	0.24	65	2.71	0.01	0.2416	Unpaved	0.01	1.61345	85	0.0146	0.2562	15.4
552	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.008	1.818209	200	0.0306	0.3015	18.1
554	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.008	1.818209	235	0.0359	0.3068	18.4
555	Dense Grasses	0.24	75	2.71	0.0256	0.1860	Paved	0.0053	1.479915	135	0.0253	0.2113	12.7
556	Dense Grasses	0.24	75	2.71	0.0096	0.2754	Paved	0.006	1.574616	135	0.0238	0.2992	18.0
557	Dense Grasses	0.24	65	2.71	0.01	0.2416	Unpaved	0.0203	2.298812	140	0.0169	0.2585	15.5
558	Dense Grasses	0.24	75	2.71	0.02	0.2053	Paved	0.008	1.818209	210	0.0321	0.2374	14.2

Basin	Sheet Flow							Manual (L/V)						
	Description	n =	L = (ft)	P <sub>2</sub> = (in)	s = (ft/ft)	T <sub>1</sub> = .007(nL) <sup>0.8</sup> /(P <sub>2</sub> <sup>0.5</sup> S <sup>0.4</sup> ) (hrs)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	T <sub>c</sub> (total) (hrs)	T <sub>c</sub> (total) (min)	
	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved/Unpaved		0.008	1.818209	150	0.0229	0.2938	17.6
560	Dense Grasses	0.24	45	2.71	0.03	0.1160	Paved	0.008	1.818209	100	0.0153	0.1313	7.9	
561	Dense Grasses	0.24	75	2.71	0.009	0.2826	Paved	0.008	1.82	145	0.0222	0.3047	18.3	
562	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.008	1.818209	195	0.0298	0.3007	18.0	
563	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.008	1.818209	240	0.0367	0.3076	18.5	
564	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	135	0.0238	0.2947	17.7	
565	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.006	1.574616	185	0.0326	0.3035	18.2	
566	Dense Grasses	0.24	75	2.71	0.01	0.1800	Paved	0.006	1.574616	120	0.0212	0.2012	12.1	
568	Dense Grasses	0.24	45	2.71	0.01	0.2593	Paved	0.006	1.574616	125	0.0221	0.2813	16.9	
569	Dense Grasses	0.24	71	2.71	0.01	0.1800	Paved	0.01	2.03282	95	0.0130	0.1930	11.6	
570	Dense Grasses	0.24	45	2.71	0.01	0.2593	Paved	0.01	2.03282	150	0.0205	0.2798	16.8	
571	Dense Grasses	0.24	71	2.71	0.01	0.1831	Unpaved	0.006	1.249773	0	0.0000	0.1831	11.0	
574	Dense Grasses	0.24	65	2.71	0.02	0.2119	Paved	0.008	1.818209	0	0.0000	0.2119	12.7	
575	Dense Grasses	0.24	78	2.71	0.02	0.2119	Paved	0.0053	1.479915	0	0.0000	0.2119	12.7	
576	Dense Grasses	0.24	78	2.71	0.02	0.1831	Unpaved	0.01	1.61345	0	0.0000	0.1831	11.0	
577	Dense Grasses	0.24	65	2.71	0.02	0.1831	Unpaved	0.0055	1.196567	0	0.0000	0.1831	11.0	
578	Dense Grasses	0.24	65	2.71	0.02	0.2709	Paved	0.0085	1.874167	150	0.0222	0.2931	17.6	
581	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.0074	1.748698	190	0.0302	0.3011	18.1	
582	Dense Grasses	0.24	75	2.71	0.01	0.3273	Unpaved	0.1	5.102177	0	0.0000	0.3273	19.6	
583	Dense Grasses	0.24	95	2.71	0.01	0.2709	Paved	0.007	1.70	190	0.0310	0.3019	18.1	
584	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.007	1.700779	190	0.0310	0.3019	18.1	
585	Dense Grasses	0.24	75	2.71	0.01	0.3273	Unpaved	0.0088	1.51355	0	0.0000	0.3273	19.6	
586	Dense Grasses	0.24	95	2.71	0.01	0.2709	Paved	0.0072	1.724905	175	0.0282	0.2991	17.9	
588	Dense Grasses	0.24	75	2.71	0.01	0.2608	Paved	0.0072	1.724905	200	0.0322	0.2930	17.6	
589	Dense Grasses	0.24	75	2.71	0.011	0.3135	Unpaved	0.01	1.61345	70	0.0121	0.3255	19.5	
590	Dense Grasses	0.24	90	2.71	0.01	0.3273	Unpaved	0.01	1.61345	70	0.0121	0.3394	20.4	
591	Dense Grasses	0.24	95	2.71	0.01	0.3410	Unpaved	0.0152	1.989195	140	0.0196	0.3606	21.6	
592	Dense Grasses	0.24	100	2.71	0.01	0.2487	Paved	0.0079	1.80681	130	0.0200	0.2687	16.1	
593	Dense Grasses	0.24	71	2.71	0.0111	0.1838	Paved	0.006	1.574616	60	0.0106	0.1943	11.7	
594	Dense Grasses	0.24	45	2.71	0.0095	0.2709	Paved	0.008	1.818209	190	0.0290	0.2999	18.0	
595	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.008	1.818209	305	0.0466	0.3175	19.1	
596	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.01	2.03282	135	0.0184	0.2894	17.4	
597	Dense Grasses	0.24	75	2.71	0.01	0.2891	Paved	0.01	2.03282	80	0.0109	0.3000	18.0	
598	Dense Grasses	0.24	75	2.71	0.0085	0.2709	Paved	0.0085	1.874167	130	0.0193	0.2902	17.4	
599	Dense Grasses	0.24	75	2.71	0.01	0.2765	Paved	0.0085	1.874167	30	0.0044	0.2810	16.9	
600	Dense Grasses	0.24	75	2.71	0.0095	0.1959	Paved	0.007	1.700779	130	0.0212	0.2171	13.0	
601	Dense Grasses	0.24	50	2.71	0.01	0.2720	Paved	0.007	1.700779	130	0.0212	0.2171	13.0	
602	Dense Grasses	0.24	75	2.71	0.0099	0.1484	Paved	0.007	1.70	95	0.0155	0.2875	17.3	
603	Dense Grasses	0.24	50	2.71	0.02	0.2838	Paved	0.0088	1.906954	130	0.0189	0.1674	10.0	
604	Dense Grasses	0.24	75	2.71	0.0089	0.2496	Paved	0.0088	1.906954	15	0.0022	0.2860	17.2	
605	Dense Grasses	0.24	95	2.71	0.0197	0.2224	Paved	0.0072	1.724905	70	0.0113	0.2608	15.6	
606	Dense Grasses	0.24	100	2.71	0.0291	0.2709	Paved	0.0072	1.724905	70	0.0113	0.2337	14.0	
607	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.0068	1.676306	195	0.0323	0.3032	18.2	
608	Dense Grasses	0.24	100	2.71	0.0327	0.2123	Paved	0.006	1.574616	140	0.0247	0.2370	14.2	



Basin	Sheet Flow							Manual (L/V)						
	Description	n =	L = (ft)	P <sub>2</sub> = (in)	s = (ft/ft)	T <sub>1</sub> = .007(nL) <sup>0.8</sup> (P <sub>2</sub> <sup>0.5</sup> S <sup>0.4</sup> ) (hrs)	Description	s = (ft/ft)	V = (ft/s)	L = (ft)	T <sub>1</sub> = L/V (hrs)	T <sub>c</sub> (total) (hrs)	T <sub>c</sub> (total) (min)	
611	Dense Grasses	0.24	75	2.71	0.0121	0.2510	Paved	0.0152	2.506229	205	0.0227	0.2737	16.4	
612	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.0152	2.506229	240	0.0266	0.2975	17.9	
614	Dense Grasses	0.24	65	2.71	0.01	0.2416	Unpaved	0.01	1.61345	180	0.0310	0.2726	16.4	
615	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.02	2.281763	130	0.0158	0.3568	21.4	
616	Dense Grasses	0.24	95	2.71	0.01	0.3273	Unpaved	0.01	1.61345	70	0.0121	0.3394	20.4	
618	Dense Grasses	0.24	75	2.71	0.0097	0.2742	Paved	0.01	2.03282	265	0.0362	0.3104	18.6	
619	Dense Grasses	0.24	65	2.71	0.0092	0.2498	Paved	0.01	2.03282	195	0.0266	0.2764	16.6	
620	Dense Grasses	0.24	80	2.71	0.01	0.2853	Unpaved	0.0085	1.487527	195	0.0364	0.3217	19.3	
621	Dense Grasses	0.24	50	2.71	0.02	0.1484	Paved	0.0074	1.748698	130	0.0207	0.1691	10.1	
622	Dense Grasses	0.24	75	2.71	0.0087	0.2864	Paved	0.0074	1.748698	100	0.0159	0.3023	18.1	
624	Dense Grasses	0.24	100	2.71	0.019	0.2638	Paved	0.0088	1.906954	55	0.0080	0.2718	16.3	
625	Dense Grasses	0.24	80	2.71	0.0085	0.3044	Paved	0.005	1.437421	0	0.0000	0.3044	18.3	
626	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.01	1.61345	195	0.0336	0.3746	22.5	
627	Dense Grasses	0.24	50	2.71	0.01	0.1959	Paved	0.0068	1.676306	135	0.0224	0.2182	13.1	
628	Dense Grasses	0.24	50	2.71	0.01	0.1959	Paved	0.0068	1.676306	135	0.0224	0.2182	13.1	
629	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.0101	1.621497	65	0.0111	0.3522	21.1	
630	Dense Grasses	0.24	75	2.71	0.01	0.2709	Paved	0.0079	1.80681	130	0.0200	0.2909	17.5	
631	Dense Grasses	0.24	75	2.71	0.009	0.2826	Paved	0.0079	1.80681	110	0.0169	0.2995	18.0	
634	Dense Grasses	0.24	73	2.71	0.0091	0.2753	Paved	0.008	1.818209	155	0.0237	0.2990	17.9	
635	Dense Grasses	0.24	50	2.71	0.02	0.1484	Paved	0.008	1.818209	135	0.0206	0.1691	10.1	
636	Dense Grasses	0.24	100	2.71	0.01	0.3410	Unpaved	0.01	1.61345	85	0.0146	0.3557	21.3	
637	Dense Grasses	0.24	50	2.71	0.01	0.1959	Paved	0.0055	1.50758	135	0.0249	0.2207	13.2	
638	Dense Grasses	0.24	71	2.71	0.009	0.2705	Paved	0.0085	1.874167	135	0.0200	0.2905	17.4	
647	Dense Grasses	0.24	95	2.71	0.01	0.3273	Paved	0.01	2.03282	70	0.0096	0.3369	20.2	
EX-314	Dense Grasses	0.24	78	2.71	0.02	0.2119	Paved	0.006	1.574616	0	0.0000	0.2119	12.7	
EX-315	Dense Grasses	0.24	78	2.71	0.02	0.2119	Paved	0.008	1.818209	0	0.0000	0.2119	12.7	
EX-315A	Dense Grasses	0.24	65	2.71	0.02	0.1831	Unpaved	0.0053	1.174609	0	0.0000	0.1831	11.0	
EX-318	Dense Grasses	0.24	100	2.71	0.02	0.2584	Paved	0.01	2.03282	0	0.0000	0.2584	15.5	
EX-319	Dense Grasses	0.24	73	2.71	0.02	0.2009	Paved	0.0055	1.50758	0	0.0000	0.2009	12.1	
Lake 2	Dense Grasses	0.24	100	2.71	0.02	0.2584	Unpaved	0.0085	1.487527	0	0.0000	0.2584	15.5	
Lake 3	Dense Grasses	0.24	100	2.71	0.02	0.2584	Unpaved	0.0074	1.387942	0	0.0000	0.2584	15.5	
Lake 4	Dense Grasses	0.24	100	2.71	0.02	0.2584	Unpaved	0.1	5.102177	0	0.0000	0.2584	15.5	
Pond A	Dense Grasses	0.24	100	2.71	0.012	0.3170	Unpaved	0.1	5.102177	300	0.0163	0.3334	20.0	

## Project Description

File Name ..... Bluffs Section 4 Interim 1-29-21.SPF  
Description ..... Bluffs Section 3 Revised 7-21-20 1602.SPF

## Project Options

Flow Units ..... CFS  
Elevation Type ..... Elevation  
Hydrology Method ..... Rational  
Time of Concentration (TOC) Method ..... User-Defined  
Link Routing Method ..... Steady Flow  
Enable Overflow Ponding at Nodes ..... YES  
Skip Steady State Analysis Time Periods ..... NO

## Analysis Options

Start Analysis On ..... Apr 12, 2019 00:00:00  
End Analysis On ..... Apr 13, 2019 00:00:00  
Start Reporting On ..... Apr 12, 2019 00:00:00  
Antecedent Dry Days ..... 0 days  
Runoff (Dry Weather) Time Step ..... 0 01:00:00 days hh:mm:ss  
Runoff (Wet Weather) Time Step ..... 0 00:05:00 days hh:mm:ss  
Reporting Time Step ..... 0 00:05:00 days hh:mm:ss  
Routing Time Step ..... 30 seconds

## Number of Elements

	Qty
Rain Gages .....	0
Subbasins.....	98
Nodes.....	127
<i>Junctions</i> .....	119
<i>Outfalls</i> .....	3
<i>Flow Diversions</i> .....	0
<i>Inlets</i> .....	0
<i>Storage Nodes</i> .....	5
Links.....	124
<i>Channels</i> .....	0
<i>Pipes</i> .....	121
<i>Pumps</i> .....	0
<i>Orifices</i> .....	1
<i>Weirs</i> .....	0
<i>Outlets</i> .....	2
Pollutants .....	0
Land Uses .....	0

## Rainfall Details

Return Period..... 10 year(s)

## Subbasin Summary

SN	Subbasin ID	Area	Weighted Runoff Coefficient	Total Rainfall	Total Runoff	Total Runoff Volume	Peak Runoff	Time of Concentration
		(ac)		(in)	(in)	(ac-in)	(cfs)	(days hh:mm:ss)
1	Sub-07	33.25	0.8200	1.61	1.32	43.79	82.09	0 00:32:00
2	Sub316	0.68	0.3400	1.12	0.38	0.26	1.05	0 00:14:48
3	Sub317	0.73	0.3300	0.96	0.32	0.23	1.22	0 00:11:24
4	Sub318	1.44	0.6700	1.13	0.76	1.09	4.35	0 00:15:00
5	Sub319	1.20	0.6700	1.13	0.76	0.91	3.64	0 00:15:00
6	Sub437	0.35	0.5800	0.83	0.48	0.17	1.14	0 00:08:54
7	Sub438	0.53	0.6800	1.29	0.88	0.47	1.41	0 00:19:48
8	Sub444	1.15	0.3300	1.09	0.36	0.41	1.77	0 00:14:00
9	Sub445	0.93	0.6600	1.07	0.71	0.66	2.88	0 00:13:42
10	Sub446	0.95	0.6100	0.94	0.57	0.54	3.00	0 00:10:48
11	Sub447	1.28	0.3900	0.93	0.36	0.47	2.58	0 00:10:54
12	Sub450	0.46	0.5900	1.13	0.67	0.31	1.23	0 00:15:00
13	Sub451	0.64	0.5400	1.13	0.61	0.39	1.56	0 00:15:00
14	Sub455	1.04	0.6100	1.13	0.69	0.72	2.87	0 00:15:00
15	Sub456	0.62	0.4600	1.13	0.52	0.32	1.29	0 00:15:00
16	Sub463	0.88	0.5700	1.15	0.65	0.58	2.23	0 00:15:30
17	Sub464	0.78	0.5400	1.24	0.67	0.52	1.72	0 00:18:12
18	Sub466	0.61	0.4500	1.24	0.56	0.34	1.12	0 00:18:12
19	Sub467	0.40	0.3900	0.88	0.34	0.14	0.84	0 00:09:54
20	Sub468	0.33	0.4400	1.31	0.58	0.19	0.56	0 00:20:30
21	Sub469	0.25	0.4000	1.29	0.52	0.13	0.39	0 00:19:36
22	Sub470	0.74	0.3700	1.33	0.49	0.36	1.03	0 00:21:06
23	Sub472	0.63	0.5700	1.19	0.68	0.43	1.53	0 00:16:53
24	Sub473	0.70	0.5300	1.29	0.68	0.48	1.45	0 00:19:48
25	Sub474	0.76	0.3500	1.17	0.41	0.31	1.16	0 00:16:12
26	Sub475	0.67	0.5300	1.22	0.65	0.43	1.46	0 00:17:54
27	Sub476	0.72	0.5700	1.24	0.71	0.51	1.68	0 00:18:12
28	Sub477	0.16	0.5000	1.17	0.59	0.09	0.35	0 00:16:12
29	Sub478	0.05	0.4800	1.05	0.50	0.03	0.12	0 00:13:06
30	Sub480	0.75	0.5500	1.08	0.59	0.44	1.93	0 00:13:48
31	Sub481	0.68	0.5300	1.16	0.62	0.42	1.59	0 00:15:48
32	Sub482	0.84	0.3800	1.19	0.45	0.38	1.36	0 00:16:53
33	Sub483	1.02	0.4400	1.19	0.52	0.53	1.92	0 00:16:36
34	Sub484	0.31	0.4300	0.88	0.38	0.12	0.72	0 00:09:54
35	Sub485	0.51	0.5900	1.23	0.72	0.37	1.24	0 00:17:48
36	Sub487	0.29	0.4500	0.64	0.29	0.08	0.88	0 00:05:42
37	Sub488	0.51	0.5900	1.18	0.70	0.36	1.29	0 00:16:30
38	Sub489	0.39	0.3400	1.33	0.45	0.18	0.50	0 00:21:12
39	Sub490	0.18	0.4300	0.86	0.37	0.07	0.43	0 00:09:18
40	Sub491	0.33	0.5300	1.22	0.65	0.21	0.72	0 00:17:54
41	Sub492	0.60	0.5700	1.14	0.65	0.39	1.54	0 00:15:06
42	Sub493	0.68	0.5700	1.21	0.69	0.47	1.63	0 00:17:18
43	Sub494	0.64	0.5800	1.31	0.76	0.49	1.43	0 00:20:18
44	Sub495	0.37	0.4100	0.86	0.35	0.13	0.84	0 00:09:18
45	Sub496	0.67	0.5500	1.23	0.68	0.45	1.51	0 00:18:00
46	Sub497	0.84	0.5300	1.22	0.65	0.55	1.85	0 00:17:36
47	Sub498	0.21	0.3600	0.83	0.30	0.06	0.43	0 00:08:48
48	Sub499	0.16	0.4200	1.07	0.45	0.07	0.32	0 00:13:36
49	Sub500	1.71	0.3000	1.36	0.41	0.70	1.90	0 00:22:00
50	Sub501	0.65	0.3700	1.30	0.48	0.31	0.93	0 00:20:24
51	Sub503	0.68	0.5700	1.24	0.71	0.48	1.58	0 00:18:18
52	Sub504	0.60	0.5800	1.22	0.71	0.42	1.44	0 00:17:42
53	Sub505	1.04	0.3700	1.35	0.50	0.52	1.43	0 00:21:48
54	Sub507	0.57	0.5500	0.99	0.55	0.31	1.56	0 00:12:00
55	Sub508	0.76	0.5700	1.21	0.69	0.52	1.81	0 00:17:24
56	Sub509	0.33	0.4400	1.13	0.50	0.16	0.66	0 00:15:00
57	Sub510	0.55	0.5800	1.13	0.66	0.36	1.44	0 00:15:00
58	Sub517	0.77	0.5600	1.22	0.68	0.52	1.80	0 00:17:30
59	Sub518	0.53	0.4800	1.27	0.61	0.32	1.00	0 00:19:24
60	Sub521	0.52	0.5200	1.19	0.62	0.32	1.16	0 00:16:36
61	Sub522	1.39	0.3600	1.23	0.44	0.62	2.06	0 00:18:00
62	Sub528	0.64	0.5400	1.10	0.59	0.38	1.60	0 00:14:06
63	Sub529	0.91	0.5300	1.30	0.69	0.63	1.86	0 00:20:12
64	Sub530	0.88	0.3300	1.24	0.41	0.36	1.18	0 00:18:18
65	Sub531	0.88	0.5700	1.01	0.58	0.51	2.46	0 00:12:18
66	Sub532	0.88	0.5600	1.21	0.68	0.60	2.07	0 00:17:18
67	Sub533	0.51	0.3200	1.20	0.38	0.19	0.70	0 00:16:48
68	Sub539	0.33	0.5700	1.20	0.68	0.22	0.80	0 00:16:48
69	Sub540	0.33	0.5500	1.22	0.67	0.22	0.76	0 00:17:30
70	Sub541	0.54	0.3700	1.16	0.43	0.23	0.88	0 00:15:54
71	Sub542	1.05	0.3900	1.34	0.52	0.55	1.53	0 00:21:30
72	Sub543	0.71	0.5700	1.16	0.66	0.47	1.78	0 00:15:48
73	Sub544	0.71	0.5800	1.14	0.66	0.47	1.84	0 00:15:24
74	Sub546	0.86	0.4000	1.16	0.46	0.40	1.51	0 00:15:54
75	Sub547	0.32	0.4300	0.98	0.42	0.14	0.69	0 00:11:54
76	Sub548	0.51	0.5900	1.20	0.71	0.36	1.27	0 00:17:00
77	Sub549	0.74	0.3900	1.16	0.45	0.33	1.27	0 00:15:54
78	Sub550	0.45	0.5700	1.22	0.70	0.31	1.06	0 00:17:42
79	Sub551	0.45	0.5700	1.22	0.70	0.31	1.06	0 00:17:42
80	Sub552	0.78	0.4000	1.14	0.46	0.36	1.39	0 00:15:24
81	Sub556	0.44	0.5500	1.02	0.56	0.25	1.17	0 00:12:42
82	Sub557	0.44	0.5600	1.23	0.69	0.30	1.01	0 00:18:00

## Subbasin Summary

SN	Subbasin ID	Area	Weighted Runoff Coefficient	Total Rainfall	Total Runoff	Total Runoff Volume	Peak Runoff	Time of Concentration
		(ac)		(in)	(in)	(ac-in)	(cfs)	(days hh:mm:ss)
83	Sub558	0.71	0.3900	1.15	0.45	0.32	1.23	0 00:15:30
84	Sub559	0.73	0.5600	1.09	0.61	0.45	1.89	0 00:14:12
85	Sub560	0.67	0.5500	1.22	0.67	0.45	1.53	0 00:17:36
86	Sub561	0.32	0.4300	0.77	0.33	0.11	0.81	0 00:07:54
87	Sub562	0.59	0.5500	1.24	0.68	0.40	1.32	0 00:18:18
88	Sub565	0.53	0.5700	1.22	0.70	0.37	1.25	0 00:17:42
89	Sub566	0.58	0.5800	1.24	0.72	0.42	1.37	0 00:18:12
90	Sub568	0.31	0.4300	1.00	0.43	0.13	0.66	0 00:12:06
91	Sub569	0.51	0.6000	1.19	0.72	0.36	1.30	0 00:16:53
92	Sub570	0.31	0.4300	0.98	0.42	0.13	0.67	0 00:11:36
93	Sub571	0.47	0.4900	1.20	0.59	0.27	0.98	0 00:16:48
94	SubEX314	0.19	0.4200	1.13	0.48	0.09	0.36	0 00:15:00
95	SubEX315	0.19	0.4200	1.13	0.48	0.09	0.36	0 00:15:00
96	SubEX315A	0.99	0.3300	1.13	0.37	0.37	1.48	0 00:15:00
97	SubLake2	7.74	0.2400	1.15	0.28	2.13	8.25	0 00:15:30
98	SubPondA	16.97	0.6700	1.30	0.87	14.73	44.18	0 00:20:00

## Node Summary

SN	Element ID	Element Type	Invert Elevation	Ground/Rim (Max) Elevation	Initial Water Elevation	Surcharge Elevation	Ponded Area	Peak Inflow	Max HGL Elevation Attained	Max Surcharge Depth Attained	Min Freeboard Attained	Time of Peak Flooding Occurrence	Total Flooded Volume	Total Time Flooded
			(ft)	(ft)	(ft)	(ft)	(ft²)	(cfs)	(ft)	(ft)	(ft)	(days hh:mm)	(ac-in)	(min)
1	314	Junction	729.86	733.89	729.86	733.89	0.00	2.20	730.43	0.00	3.46	0 00:00	0.00	0.00
2	315	Junction	730.00	733.80	730.00	733.80	0.00	1.84	730.53	0.00	3.27	0 00:00	0.00	0.00
3	316	Junction	733.55	737.55	733.55	737.55	0.00	17.57	737.55	0.00	0.00	0 00:15	0.33	9.00
4	316A	Junction	729.12	731.22	729.12	731.22	0.00	2.20	729.98	0.00	1.24	0 00:00	0.00	0.00
5	317	Junction	734.01	738.38	734.01	738.38	0.00	11.90	735.58	0.00	2.80	0 00:00	0.00	0.00
6	318	Junction	734.47	739.02	734.47	739.02	0.00	8.08	735.64	0.00	3.38	0 00:00	0.00	0.00
7	319	Junction	734.50	739.03	734.50	739.03	0.00	3.73	735.50	0.00	3.53	0 00:00	0.00	0.00
8	437	Junction	746.33	749.94	746.33	749.94	0.00	1.14	746.70	0.00	3.23	0 00:00	0.00	0.00
9	438	Junction	743.92	749.94	743.92	749.94	0.00	1.77	746.42	0.00	3.51	0 00:00	0.00	0.00
10	444	Junction	733.74	739.02	733.74	739.02	0.00	18.52	739.02	0.00	0.00	0 00:13	0.14	6.00
11	445	Junction	736.22	739.64	736.22	739.64	0.00	5.29	737.28	0.00	2.36	0 00:00	0.00	0.00
12	445A	Junction	736.33	739.66	736.33	739.66	0.00	0.00	736.33	0.00	3.33	0 00:00	0.00	0.00
13	446	Junction	736.30	739.64	736.30	739.64	0.00	3.00	737.13	0.00	2.50	0 00:00	0.00	0.00
14	446A	Junction	736.33	739.66	736.33	739.66	0.00	0.00	736.33	0.00	3.33	0 00:00	0.00	0.00
15	447	Junction	737.31	744.56	737.31	744.56	0.00	4.23	740.04	0.00	4.52	0 00:00	0.00	0.00
16	450	Junction	736.10	740.72	736.10	740.72	0.00	1.23	736.49	0.00	4.23	0 00:00	0.00	0.00
17	451	Junction	735.80	740.72	735.80	740.72	0.00	2.79	736.54	0.00	4.19	0 00:00	0.00	0.00
18	453	Junction	735.09	742.75	735.09	744.25	0.00	6.95	739.54	0.00	3.21	0 00:00	0.00	0.00
19	455	Junction	743.90	747.92	743.90	747.92	0.00	4.16	744.44	0.00	3.48	0 00:00	0.00	0.00
20	456	Junction	744.75	747.92	744.75	747.92	0.00	1.29	745.06	0.00	2.86	0 00:00	0.00	0.00
21	460	Junction	735.00	736.52	735.00	736.52	0.00	1.18	735.55	0.00	0.97	0 00:00	0.00	0.00
22	461	Junction	734.69	741.20	734.69	741.20	0.00	1.18	735.34	0.00	5.86	0 00:00	0.00	0.00
23	462	Junction	734.27	739.19	734.27	739.38	0.00	1.18	734.92	0.00	4.27	0 00:00	0.00	0.00
24	463	Junction	734.09	738.80	734.09	738.81	0.00	3.41	735.02	0.00	3.78	0 00:00	0.00	0.00
25	464	Junction	733.94	738.80	733.94	738.81	0.00	4.88	735.16	0.00	3.64	0 00:00	0.00	0.00
26	465	Junction	733.63	738.00	733.63	739.00	0.00	11.07	735.25	0.00	2.75	0 00:00	0.00	0.00
27	466	Junction	733.16	738.38	733.16	738.39	0.00	12.10	734.88	0.00	3.50	0 00:00	0.00	0.00
28	467	Junction	732.99	738.38	732.99	738.39	0.00	12.36	734.71	0.00	3.67	0 00:00	0.00	0.00
29	468	Junction	732.76	738.55	732.76	738.00	0.00	14.16	734.74	0.00	3.81	0 00:00	0.00	0.00
30	469	Junction	732.60	738.40	732.60	738.00	0.00	17.65	734.75	0.00	3.65	0 00:00	0.00	0.00
31	470	Junction	732.27	738.10	732.27	737.00	0.00	18.50	734.42	0.00	3.68	0 00:00	0.00	0.00
32	471	Junction	732.03	739.20	732.03	738.26	0.00	18.75	734.38	0.00	4.82	0 00:00	0.00	0.00
33	472	Junction	731.83	738.42	731.83	738.08	0.00	20.28	734.28	0.00	4.14	0 00:00	0.00	0.00
34	473	Junction	731.70	738.08	731.70	738.08	0.00	21.51	734.14	0.00	3.94	0 00:00	0.00	0.00
35	474	Junction	731.44	737.70	731.44	737.70	0.00	27.08	733.98	0.00	3.72	0 00:00	0.00	0.00
36	475	Junction	733.00	737.34	733.00	737.34	0.00	3.11	733.72	0.00	3.62	0 00:00	0.00	0.00
37	476	Junction	733.31	737.34	733.31	737.34	0.00	1.68	733.81	0.00	3.53	0 00:00	0.00	0.00
38	477	Junction	735.19	739.00	735.19	738.76	0.00	0.44	735.39	0.00	3.61	0 00:00	0.00	0.00
39	478	Junction	735.83	739.00	735.83	738.76	0.00	0.11	735.94	0.00	3.06	0 00:00	0.00	0.00
40	480	Junction	736.15	739.32	736.15	739.32	0.00	1.93	736.92	0.00	2.40	0 00:00	0.00	0.00
41	481	Junction	735.90	739.32	735.90	739.32	0.00	3.32	736.84	0.00	2.48	0 00:00	0.00	0.00
42	482	Junction	738.23	740.25	738.23	741.40	0.00	1.36	738.84	0.00	1.41	0 00:00	0.00	0.00
43	483	Junction	734.46	737.90	734.46	739.30	0.00	3.30	735.47	0.00	2.43	0 00:00	0.00	0.00
44	484	Junction	735.02	738.37	735.02	738.37	0.00	1.40	735.68	0.00	2.69	0 00:00	0.00	0.00
45	485	Junction	735.20	738.37	735.20	738.37	0.00	1.24	735.76	0.00	2.61	0 00:00	0.00	0.00
46	486	Junction	737.57	741.47	737.57	741.45	0.00	1.36	738.28	0.00	3.19	0 00:00	0.00	0.00
47	487	Junction	737.37	740.79	737.37	740.79	0.00	1.36	738.05	0.00	2.74	0 00:00	0.00	0.00
48	488	Junction	737.19	740.79	737.19	740.79	0.00	2.62	737.99	0.00	2.80	0 00:00	0.00	0.00
49	489	Junction	735.80	740.00	735.80	740.00	0.00	3.02	737.30	0.00	2.70	0 00:00	0.00	0.00
50	490	Junction	735.55	741.10	735.55	741.10	0.00	3.11	736.41	0.00	4.69	0 00:00	0.00	0.00
51	491	Junction	735.42	741.10	735.42	741.10	0.00	3.78	736.38	0.00	4.72	0 00:00	0.00	0.00
52	492	Junction	733.92	738.39	733.92	738.37	0.00	6.25	735.32	0.00	3.07	0 00:00	0.00	0.00
53	493	Junction	734.05	738.39	734.05	738.37	0.00	4.87	735.31	0.00	3.08	0 00:00	0.00	0.00
54	494	Junction	734.05	737.56	734.05	737.41	0.00	1.49	734.61	0.00	2.95	0 00:00	0.00	0.00
55	495	Junction	734.23	737.56	734.23	737.41	0.00	0.84	734.67	0.00	2.89	0 00:00	0.00	0.00
56	496	Junction	735.21	738.64	735.21	738.64	0.00	3.34	735.96	0.00	2.68	0 00:00	0.00	0.00
57	497	Junction	735.46	738.64	735.46	738.64	0.00	1.85	736.05	0.00	2.59	0 00:00	0.00	0.00
58	498	Junction	734.60	738.27	734.60	738.13	0.00	0.63	734.90	0.00	3.37	0 00:00	0.00	0.00
59	499	Junction	734.95	738.27	734.95	738.13	0.00	0.32	735.15	0.00	3.12	0 00:00	0.00	0.00
60	500	Junction	733.13	735.15	733.13	736.30	0.00	1.90	733.72	0.00	1.43	0 00:00	0.00	0.00
61	501	Junction	730.51	737.20	730.51	737.50	0.00	36.76	733.34	0.00	3.86	0 00:00	0.00	0.00
62	502	Junction	730.83	738.44	730.83	738.46	0.00	30.04	733.30	0.00	5.14	0 00:00	0.00	0.00
63	503	Junction	730.98	738.09	730.98	738.10	0.00	30.04	733.38	0.00	4.71	0 00:00	0.00	0.00
64	504	Junction	731.13	738.09	731.13	738.10	0.00	28.52	733.62	0.00	4.47	0 00:00	0.00	0.00
65	505	Junction	731.98	734.35	731.98	735.50	0.00	4.21	732.88	0.00	1.47	0 00:00	0.00	0.00
66	506	Junction	732.78	738.62	732.78	738.63	0.00	3.18	733.69	0.00	4.93	0 00:00	0.00	0.00
67	507	Junction	733.61	737.12	733.61	736.97	0.00	2.81	734.44	0.00	2.68	0 00:00	0.00	0.00
68	508	Junction	733.79	737.12	733.79	736.97	0.00	1.81	734.52	0.00	2.60	0 00:00	0.00	0.00
69	509	Junction	733.54	737.76	733.54	737.76	0.00	2.10	734.23	0.00	3.53	0 00:00	0.00	0.00
70	510	Junction	733.73	737.76	733.73	737.76	0.00	1.44	734.32	0.00	3.44	0 00:00	0.00	0.00
71	512	Junction	725.20	733.00	725.20	733.00	0.00	3.97	729.19	0.00	3.81	0 00:00	0.00	0.00
72	513	Junction	729.00	736.30	729.00	736.30	0.00	3.97	729.52	0.00	6.78	0 00:00	0.00	0.00
73	515	Junction	729.04	736.00	729.04	735.50	0.00	13.94	730.95	0.00	5.05	0 00:00	0.00	0.00
74	516	Junction	729.18	737.09	729.18	736.00	0.00	13.94	731.10	0.00	5.99	0 00:00	0.00	0.00
75	517	Junction	729.39	737.86	729.39	736.81	0.00	13.94	731.21	0.00	6.65	0 00:00	0.00	0.00
76	518	Junction	729.52	737.86	729.52	736.81	0.00	12.16	731.22	0.00	6.64	0 00:00	0.00	0.00
77	519	Junction	729.65	738.35	729.65	737.33	0.00	11.28	731.46	0.00	6.89	0 00:00	0.00	0.00
78	520	Junction	729.83	736.90	729.83	737.10	0.00	11.28	731.65	0.00	5.25	0 00:00	0.00	0.00
79	521	Junction	729.98	736.10	729.98	736.30	0.00	11.28	731.70	0.00	4.40	0 00:00	0.00	0.00
80	522	Junction	730.31	735.85	730.31	736.10	0.00	6.19	731.57	0.00	4.28	0 00:00	0.00	0.00
81	528	Junction	730.21	737.70	730.21	734.92	0.00	4.01	731.35	0.00	6.35	0 00:00	0.00	0.00

## Node Summary

SN	Element ID	Element Type	Invert Elevation	Ground/Rim (Max) Elevation	Initial Water Elevation	Surcharge Elevation	Ponded Area	Peak Inflow	Max HGL Elevation Attained	Max Surcharge Depth Attained	Min Freeboard Attained	Time of Peak Flooding Occurrence	Total Flooded Volume	Total Time Flooded
			(ft)	(ft)	(ft)	(ft)	(ft²)	(cfs)	(ft)	(ft)	(ft)	(days hh:mm)	(ac-in)	(min)
82	529	Junction	730.36	737.70	730.36	734.92	0.00	2.93	731.21	0.00	6.49	0 00:00	0.00	0.00
83	530	Junction	730.84	733.20	730.84	733.60	0.00	1.18	731.39	0.00	1.81	0 00:00	0.00	0.00
84	531	Junction	730.57	736.69	730.57	734.94	0.00	4.44	731.73	0.00	4.96	0 00:00	0.00	0.00
85	532	Junction	730.71	736.69	730.71	734.94	0.00	2.74	731.58	0.00	5.11	0 00:00	0.00	0.00
86	533	Junction	730.93	734.66	730.93	733.90	0.00	0.70	731.43	0.00	3.23	0 00:00	0.00	0.00
87	538	Junction	729.05	737.50	729.05	737.50	0.00	66.98	732.89	0.00	4.61	0 00:00	0.00	0.00
88	539	Junction	729.26	738.09	729.26	738.09	0.00	66.98	733.00	0.00	5.09	0 00:00	0.00	0.00
89	540	Junction	729.38	738.09	729.38	738.09	0.00	66.18	733.20	0.00	4.89	0 00:00	0.00	0.00
90	541	Junction	729.57	737.75	729.57	737.90	0.00	65.45	733.29	0.00	4.46	0 00:00	0.00	0.00
91	542	Junction	729.99	735.65	729.99	736.30	0.00	12.01	732.28	0.00	3.37	0 00:00	0.00	0.00
92	543	Junction	730.32	736.62	730.32	736.38	0.00	6.70	731.51	0.00	5.11	0 00:00	0.00	0.00
93	544	Junction	730.57	736.62	730.57	736.38	0.00	4.93	731.40	0.00	5.22	0 00:00	0.00	0.00
94	545	Junction	731.14	735.51	731.14	736.20	0.00	3.15	731.87	0.00	3.64	0 00:00	0.00	0.00
95	546	Junction	731.45	735.15	731.45	735.80	0.00	3.15	732.08	0.00	3.07	0 00:00	0.00	0.00
96	547	Junction	733.35	737.62	733.35	736.73	0.00	1.66	733.97	0.00	3.65	0 00:00	0.00	0.00
97	548	Junction	733.56	737.62	733.56	736.73	0.00	1.27	734.08	0.00	3.54	0 00:00	0.00	0.00
98	549	Junction	729.80	737.50	729.80	737.70	0.00	50.04	733.39	0.00	4.11	0 00:00	0.00	0.00
99	550	Junction	730.56	737.46	730.56	736.57	0.00	7.99	731.81	0.00	5.65	0 00:00	0.00	0.00
100	551	Junction	730.78	737.46	730.78	736.57	0.00	6.99	732.07	0.00	5.39	0 00:00	0.00	0.00
101	552	Junction	731.29	735.20	731.29	736.00	0.00	6.06	732.48	0.00	2.72	0 00:00	0.00	0.00
102	553	Junction	731.58	733.85	731.58	0.00	0.00	3.80	732.55	0.00	1.30	0 00:00	0.00	0.00
103	553ANode	Junction	731.68	735.00	731.68	735.00	0.00	3.80	732.48	0.00	2.52	0 00:00	0.00	0.00
104	556	Junction	729.89	737.10	729.89	735.43	0.00	3.01	732.73	0.00	4.37	0 00:00	0.00	0.00
105	557	Junction	732.12	737.10	732.12	735.43	0.00	2.10	732.84	0.00	4.26	0 00:00	0.00	0.00
106	558	Junction	732.85	734.10	732.85	734.00	0.00	1.23	733.33	0.00	0.77	0 00:00	0.00	0.00
107	559	Junction	732.38	736.65	732.38	736.01	0.00	3.12	733.19	0.00	3.46	0 00:00	0.00	0.00
108	560	Junction	732.62	736.65	732.62	736.01	0.00	1.53	733.16	0.00	3.49	0 00:00	0.00	0.00
109	561	Junction	733.31	737.62	733.31	736.72	0.00	1.38	733.90	0.00	3.72	0 00:00	0.00	0.00
110	562	Junction	733.55	737.62	733.55	736.72	0.00	1.32	734.04	0.00	3.58	0 00:00	0.00	0.00
111	565	Junction	733.49	737.71	733.49	737.71	0.00	2.59	734.16	0.00	3.55	0 00:00	0.00	0.00
112	566	Junction	733.68	737.71	733.68	737.71	0.00	1.37	734.25	0.00	3.46	0 00:00	0.00	0.00
113	567	Junction	730.00	738.55	730.00	738.62	0.00	38.40	733.37	0.00	5.18	0 00:00	0.00	0.00
114	568	Junction	730.12	738.11	730.12	738.11	0.00	38.40	733.39	0.00	4.72	0 00:00	0.00	0.00
115	569	Junction	730.24	738.11	730.24	738.11	0.00	38.02	733.25	0.00	4.86	0 00:00	0.00	0.00
116	570	Junction	733.70	737.97	733.70	737.68	0.00	1.35	734.21	0.00	3.76	0 00:00	0.00	0.00
117	571	Junction	733.94	737.97	733.94	737.68	0.00	0.98	734.35	0.00	3.62	0 00:00	0.00	0.00
118	644	Junction	735.14	741.40	735.14	742.59	0.00	3.78	736.18	0.00	5.22	0 00:00	0.00	0.00
119	646	Junction	735.20	738.80	735.20	741.20	0.00	3.32	736.10	0.00	2.70	0 00:00	0.00	0.00
120	Out-1305-316	Outfall	733.40					14.80	735.90					
121	Out-1316B-316A	Outfall	728.96					2.20	729.82					
122	Out-1511-512	Outfall	725.00					3.97	725.76					
123	315A	Storage Node	731.59	736.00	731.59		0.00	1.48	731.86				0.00	0.00
124	553A	Storage Node	731.68	737.00	731.68		0.00	82.09	736.89				0.00	0.00
125	Lake2	Storage Node	735.00	741.00	735.00		0.00	21.82	735.29				0.00	0.00
126	Lake4	Storage Node	729.00	733.00	729.00		0.00	80.87	730.59				0.00	0.00
127	PondA	Storage Node	734.55	739.00	734.55		0.00	44.18	735.39				0.00	0.00

# Link Summary

SN Element ID	Element Type	From (Inlet) Node	To (Outlet) Node	Length (ft)	Inlet Invert Elevation (ft)	Outlet Invert Elevation (ft)	Average Slope (%)	Diameter or Height (in)	Manning's Roughness	Peak Flow (cfs)	Design Flow Capacity (cfs)	Peak Flow/Design Flow Ratio	Peak Flow Velocity (ft/sec)	Peak Flow Depth (ft)	Depth/Total Depth Ratio	Total Time Reported Surcharged Condition (min)
1 305-316	Pipe	316	Out-1305-316	135.17	733.55	733.40	0.1100	30.000	0.0120	14.80	14.80	1.00	3.44	2.50	1.00	9.00 SURCHARGED
2 314-315	Pipe	315	314	28.89	730.00	729.86	0.4800	15.000	0.0120	1.84	4.87	0.38	3.69	0.53	0.43	0.00 Calculated
3 315-315A	Pipe	315A	315	37.14	731.59	730.00	4.2800	15.000	0.0120	1.48	14.48	0.10	7.59	0.27	0.22	0.00 Calculated
4 316-444	Pipe	444	316	137.44	733.74	733.55	0.1400	30.000	0.0120	16.52	16.52	1.00	3.84	2.50	1.00	6.00 SURCHARGED
5 316A-314	Pipe	314	316A	189.83	729.86	729.12	0.3900	18.000	0.0120	2.20	7.10	0.31	3.54	0.57	0.38	0.00 Calculated
6 316B-316A	Pipe	316A	Out-1316B-316A	167.09	729.12	728.96	0.1000	18.000	0.0120	2.20	3.52	0.62	2.10	0.86	0.57	0.00 Calculated
7 317-318	Pipe	318	317	174.81	734.47	734.01	0.2600	24.000	0.0120	8.08	12.57	0.64	4.25	1.17	0.58	0.00 Calculated
8 317-447	Pipe	447	317	165.11	737.31	734.01	2.0000	15.000	0.0120	4.23	9.90	0.43	7.75	0.57	0.46	0.00 Calculated
9 318-319	Pipe	319	318	28.76	734.50	734.47	0.1000	24.000	0.0120	3.73	7.92	0.47	2.48	0.97	0.48	0.00 Calculated
10 319-319A	Pipe	319A	PondA	167.43	734.55	734.50	0.0300	12.000	0.0120	0.67	0.67	1.00	0.97	1.00	1.00	36.00 SURCHARGED
11 438-437	Pipe	437	438	28.00	746.33	746.05	1.0000	12.000	0.0120	1.14	3.86	0.30	4.28	0.37	0.37	0.00 Calculated
12 444-317	Pipe	317	444	195.27	734.01	733.74	0.1400	30.000	0.0120	11.90	16.52	0.72	3.66	1.57	0.63	0.00 Calculated
13 444-445	Pipe	445	444	184.78	736.22	735.66	0.3000	18.000	0.0120	5.29	6.23	0.85	3.96	1.06	0.71	0.00 Calculated
14 445-445A	Pipe	445A	445	10.00	736.33	736.30	0.3000	12.000	0.0120	0.00	2.11	0.00	0.00	0.00	0.00	0.00 Calculated
15 445-446	Pipe	446	445	28.00	736.30	736.22	0.3000	15.000	0.0120	3.00	3.83	0.78	3.46	0.83	0.67	0.00 Calculated
16 446-446A	Pipe	446A	446	10.00	736.33	736.30	0.3000	12.000	0.0120	0.00	2.11	0.00	0.00	0.00	0.00	0.00 Calculated
17 447-438	Pipe	438	447	169.99	743.92	739.67	2.5000	12.000	0.0120	1.77	6.10	0.29	6.73	0.37	0.37	0.00 Calculated
18 451-450	Pipe	450	451	28.00	736.10	735.90	0.7100	15.000	0.0120	1.23	5.91	0.21	3.80	0.39	0.31	0.00 Calculated
19 453-451	Pipe	451	453	163.50	735.80	735.19	0.3700	15.000	0.0120	2.79	4.29	0.65	3.72	0.74	0.59	0.00 Calculated
20 453-454	Pipe	453	Lake2	72.62	735.09	735.00	0.1200	24.000	0.0120	6.95	8.49	0.82	3.01	1.38	0.69	0.00 Calculated
21 453-455	Pipe	455	453	136.00	743.90	739.00	3.6000	12.000	0.0120	4.16	7.33	0.57	9.62	0.54	0.54	0.00 Calculated
22 455-456	Pipe	456	455	28.00	744.75	744.00	2.6800	12.000	0.0120	1.29	6.32	0.20	6.31	0.31	0.31	0.00 Calculated
23 461-460	Pipe	460	461	78.92	735.00	734.79	0.2700	12.000	0.0120	1.18	1.99	0.59	2.64	0.55	0.55	0.00 Calculated
24 462-461	Pipe	461	462	120.00	734.69	734.37	0.2700	12.000	0.0120	1.18	1.99	0.59	2.64	0.55	0.55	0.00 Calculated
25 463-462	Pipe	462	463	29.20	734.27	734.19	0.2700	12.000	0.0120	1.18	2.02	0.58	2.67	0.55	0.55	0.00 Calculated
26 464-463	Pipe	463	464	28.00	734.09	734.04	0.1800	18.000	0.0120	3.41	4.81	0.71	2.95	0.93	0.62	0.00 Calculated
27 465-464	Pipe	464	465	179.20	733.94	733.73	0.1200	21.000	0.0120	4.88	5.88	0.83	3.04	1.22	0.70	0.00 Calculated
28 465-492	Pipe	492	465	136.00	733.92	733.73	0.1400	21.000	0.0120	6.25	6.42	0.97	3.04	1.40	0.80	0.00 Calculated
29 466-465	Pipe	465	466	178.00	733.63	733.26	0.2100	24.000	0.0120	11.07	11.17	0.99	4.05	1.62	0.81	0.00 Calculated
30 467-466	Pipe	466	467	28.00	733.16	733.09	0.2500	24.000	0.0120	12.10	12.25	0.99	4.41	1.41	0.81	0.00 Calculated
31 468-467	Pipe	467	468	157.66	733.09	732.76	0.2100	30.000	0.0120	12.36	20.33	0.61	4.34	1.41	0.56	0.00 Calculated
32 468-494	Pipe	494	468	136.00	734.05	733.49	0.4100	12.000	0.0120	1.49	2.48	0.60	3.30	0.56	0.56	0.00 Calculated
33 469-468	Pipe	468	469	55.00	732.76	732.70	0.1100	30.000	0.0120	14.16	14.68	0.96	3.40	1.98	0.79	0.00 Calculated
34 469-496	Pipe	496	469	136.00	735.21	734.00	0.8900	12.000	0.0120	3.34	3.64	0.92	5.25	0.75	0.75	0.00 Calculated
35 470-469	Pipe	469	470	145.48	732.60	732.37	0.1600	30.000	0.0120	17.55	17.67	1.00	4.10	2.05	0.82	0.00 Calculated
36 471-470	Pipe	470	471	80.00	732.27	732.13	0.1700	30.000	0.0120	18.50	18.59	1.00	4.32	2.04	0.82	0.00 Calculated
37 471-498	Pipe	498	471	89.79	734.60	732.13	2.7500	12.000	0.0120	0.63	6.40	0.10	5.19	0.21	0.21	0.00 Calculated
38 472-471	Pipe	471	472	136.00	732.03	731.93	0.0700	36.000	0.0120	18.75	19.59	0.96	3.15	2.35	0.78	0.00 Calculated
39 473-472	Pipe	472	473	28.00	731.83	731.80	0.1100	36.000	0.0120	20.28	23.65	0.86	3.76	2.14	0.71	0.00 Calculated
40 474-473	Pipe	473	474	177.68	731.70	731.54	0.0900	36.000	0.0120	21.51	21.68	0.99	3.50	2.44	0.81	0.00 Calculated
41 474-475	Pipe	475	474	178.00	733.00	731.44	0.8800	12.000	0.0120	3.11	3.61	0.86	5.17	0.72	0.72	0.00 Calculated
42 474-500	Pipe	500	474	280.00	733.13	731.54	0.5700	12.000	0.0120	1.90	2.91	0.65	3.94	0.59	0.59	0.00 Calculated
43 475-476	Pipe	476	475	28.00	733.31	733.10	0.7500	12.000	0.0120	1.68	3.34	0.50	4.26	0.50	0.50	0.00 Calculated
44 477-478	Pipe	478	477	28.00	735.83	735.29	1.9400	12.000	0.0120	0.11	5.37	0.02	2.63	0.10	0.10	0.00 Calculated
45 481-480	Pipe	480	481	28.00	736.15	736.07	0.2900	12.000	0.0120	1.93	2.06	0.94	2.98	0.77	0.77	0.00 Calculated
46 483-484	Pipe	484	483	175.01	735.02	734.56	0.2600	12.000	0.0120	1.40	1.98	0.71	2.73	0.62	0.62	0.00 Calculated
47 484-485	Pipe	485	484	28.00	735.20	735.12	0.2900	12.000	0.0120	1.24	2.06	0.60	2.75	0.56	0.56	0.00 Calculated
48 486-482	Pipe	482	487	214.36	738.23	737.67	0.2600	12.000	0.0120	1.36	1.97	0.69	2.71	0.61	0.61	0.00 Calculated
49 487-486	Pipe	486	487	34.10	737.57	737.47	0.3000	12.000	0.0120	1.36	2.11	0.64	2.85	0.58	0.58	0.00 Calculated
50 488-487	Pipe	487	488	28.00	737.37	737.29	0.3000	12.000	0.0120	1.36	2.11	0.64	2.85	0.58	0.58	0.00 Calculated
51 489-488	Pipe	488	489	142.71	737.19	736.50	0.4800	12.000	0.0120	2.62	2.68	0.98	3.06	0.70	0.80	0.00 Calculated
52 490-489	Pipe	489	490	162.16	735.90	735.55	0.2200	24.000	0.0120	3.02	11.39	0.27	3.06	0.80	0.35	0.00 Calculated
53 491-490	Pipe	490	491	28.00	735.55	735.52	0.1100	24.000	0.0120	3.11	8.02	0.39	2.39	0.86	0.43	0.00 Calculated
54 492-493	Pipe	493	492	28.16	734.05	734.02	0.1100	21.000	0.0120	4.87	5.60	0.87	2.62	1.26	0.72	0.00 Calculated
55 493-483	Pipe	483	493	136.00	734.46	734.15	0.2300	15.000	0.0120	3.30	3.34	0.99	3.10	0.62	0.81	0.00 Calculated
56 494-495	Pipe	495	494	28.00	734.23	734.15	0.2900	12.000	0.0120	0.84	2.06	0.41	2.49	0.44	0.44	0.00 Calculated
57 496-497	Pipe	497	496	28.00	735.46	735.31	0.5400	12.000	0.0120	1.85	2.83	0.65	3.83	0.59	0.59	0.00 Calculated
58 498-499	Pipe	499	498	29.73	734.95	734.70	0.8400	12.000	0.0120	0.32	3.54	0.09	2.79	0.20	0.20	0.00 Calculated

# Link Summary

SN Element ID	Element Type	From (Inlet) Node	To (Outlet) Node	Length (ft)	Inlet Invert Elevation (ft)	Outlet Invert Elevation (ft)	Average Slope (%)	Diameter or Height (in)	Manning's Roughness	Peak Flow (cfs)	Design Flow Capacity (cfs)	Peak Flow/Design Flow Ratio	Peak Flow Velocity (ft/sec)	Peak Flow Depth (ft)	Depth/Total Depth Ratio	Total Time Reported Surcharged Condition (min)
59 501-502	Pipe	502	501	125.00	730.83	730.61	0.1800	36.000	0.0120	30.04	30.31	0.99	4.89	2.43	0.81	0.00 Calculated
60 501-505	Pipe	505	501	275.00	731.98	730.67	0.4800	15.000	0.0120	4.21	4.83	0.87	4.43	0.90	0.72	0.00 Calculated
61 501-509	Pipe	509	501	161.00	733.54	730.67	1.7800	12.000	0.0120	2.10	5.15	0.41	6.22	0.44	0.44	0.00 Calculated
62 502-503	Pipe	503	502	26.81	730.98	730.93	0.1900	36.000	0.0120	30.04	31.21	0.96	5.02	2.37	0.79	0.00 Calculated
63 503-504	Pipe	504	503	28.00	731.13	731.08	0.1800	36.000	0.0120	28.52	30.53	0.93	4.91	2.30	0.77	0.00 Calculated
64 504-474	Pipe	474	504	140.99	731.44	731.23	0.1500	36.000	0.0120	27.08	27.89	0.97	4.49	2.39	0.80	0.00 Calculated
65 505-506	Pipe	506	505	45.03	732.78	732.08	1.5500	15.000	0.0120	3.18	8.73	0.36	6.54	0.52	0.42	0.00 Calculated
66 506-477	Pipe	477	506	110.08	735.19	732.88	2.1000	12.000	0.0120	0.44	5.59	0.08	4.24	0.19	0.19	0.00 Calculated
67 506-507	Pipe	507	506	136.00	733.61	732.88	0.5400	12.000	0.0120	2.81	2.83	0.99	4.10	0.81	0.81	0.00 Calculated
68 507-508	Pipe	508	507	28.00	733.79	733.71	0.2900	12.000	0.0120	1.81	2.06	0.88	2.96	0.73	0.73	0.00 Calculated
69 509-510	Pipe	510	509	28.00	733.73	733.64	0.3200	12.000	0.0120	1.44	2.19	0.66	2.97	0.59	0.59	0.00 Calculated
70 511-512	Pipe	512	Out-1511-512	99.15	725.20	725.00	0.2000	30.000	0.0120	3.97	19.86	0.20	3.16	0.76	0.30	0.00 Calculated
71 512-513	Pipe	513	512	22.00	729.00	728.67	1.5000	21.000	0.0120	3.97	21.02	0.19	6.71	0.52	0.29	0.00 Calculated
72 514-515	Pipe	515	Lake4	49.70	729.04	729.00	0.0800	36.000	0.0120	13.94	20.50	0.68	3.12	1.82	0.61	0.00 Calculated
73 515-516	Pipe	516	515	49.42	729.18	729.14	0.0800	36.000	0.0120	13.94	20.56	0.68	3.12	1.81	0.60	0.00 Calculated
74 516-517	Pipe	517	516	138.21	729.39	729.28	0.0800	36.000	0.0120	13.94	20.38	0.68	3.10	1.82	0.61	0.00 Calculated
75 517-518	Pipe	518	517	28.00	729.52	729.49	0.1100	36.000	0.0120	12.16	23.65	0.51	3.37	1.53	0.51	0.00 Calculated
76 518-519	Pipe	519	518	37.52	729.66	729.63	0.0800	36.000	0.0120	11.28	20.43	0.55	2.96	1.59	0.53	0.00 Calculated
77 519-520	Pipe	520	519	125.00	729.83	729.75	0.0600	36.000	0.0120	11.28	18.28	0.62	2.72	1.71	0.57	0.00 Calculated
78 520-521	Pipe	521	520	80.00	729.98	729.93	0.0600	36.000	0.0120	11.28	18.06	0.62	2.69	1.72	0.57	0.00 Calculated
79 521-522	Pipe	522	521	280.00	730.31	730.08	0.0800	30.000	0.0120	6.01	12.74	0.49	2.57	1.23	0.49	0.00 Calculated
80 521-528	Pipe	528	521	146.00	730.21	730.00	0.1400	18.000	0.0120	4.19	4.32	0.93	2.77	1.14	0.76	0.00 Calculated
81 522-531	Pipe	531	522	146.00	730.57	730.41	0.1100	21.000	0.0120	4.44	5.68	0.78	2.61	1.16	0.67	0.00 Calculated
82 528-529	Pipe	529	528	28.04	730.36	730.31	0.1800	18.000	0.0120	2.93	4.81	0.61	2.85	0.85	0.56	0.00 Calculated
83 529-530	Pipe	530	529	141.00	730.84	730.46	0.2700	12.000	0.0120	1.18	2.00	0.59	2.65	0.55	0.55	0.00 Calculated
84 531-532	Pipe	532	531	28.04	730.71	730.67	0.1400	18.000	0.0120	2.74	4.30	0.64	2.58	0.87	0.58	0.00 Calculated
85 532-533	Pipe	533	532	141.00	730.93	730.81	0.0900	15.000	0.0120	0.70	2.04	0.34	1.50	0.30	0.34	0.00 Calculated
86 538-539	Pipe	539	538	161.00	729.26	729.15	0.0700	60.000	0.0120	66.98	73.75	0.91	4.25	3.74	0.75	0.00 Calculated
87 538-Lake4	Pipe	538	Lake4	72.62	729.05	729.00	0.0700	60.000	0.0120	66.98	74.03	0.90	4.27	3.73	0.75	0.00 Calculated
88 539-540	Pipe	540	539	28.13	729.57	729.36	0.0700	60.000	0.0120	66.45	75.24	0.88	4.32	3.64	0.73	0.00 Calculated
89 540-541	Pipe	541	540	136.00	729.57	729.48	0.0700	60.000	0.0120	65.18	72.58	0.90	4.18	3.72	0.74	0.00 Calculated
90 541-542	Pipe	542	541	216.00	729.99	729.67	0.1500	30.000	0.0120	12.01	17.10	0.70	3.77	1.55	0.62	0.00 Calculated
91 541-549	Pipe	549	541	224.00	729.80	729.67	0.0600	54.000	0.0120	50.04	51.32	0.97	3.68	3.59	0.80	0.00 Calculated
92 541-556	Pipe	556	541	136.00	729.89	729.72	0.1200	18.000	0.0120	3.01	4.02	0.75	2.50	0.97	0.65	0.00 Calculated
93 542-543	Pipe	543	542	136.00	730.32	730.09	0.1700	24.000	0.0120	6.70	10.08	0.67	3.43	1.19	0.60	0.00 Calculated
94 542-559	Pipe	559	542	136.00	732.38	731.47	0.6700	12.000	0.0120	3.12	3.16	0.99	4.58	0.81	0.81	0.00 Calculated
95 542-561	Pipe	561	542	252.22	733.31	731.47	0.7300	12.000	0.0120	1.38	3.30	0.42	4.01	0.45	0.45	0.00 Calculated
96 543-544	Pipe	544	543	28.00	730.57	730.42	0.5400	18.000	0.0120	4.93	8.33	0.59	4.91	0.83	0.55	0.00 Calculated
97 544-545	Pipe	545	544	136.00	731.14	730.67	0.3500	18.000	0.0120	3.15	6.69	0.47	3.73	0.72	0.48	0.00 Calculated
98 545-546	Pipe	546	545	36.49	731.45	731.24	0.5800	18.000	0.0120	3.15	8.63	0.36	4.50	0.63	0.42	0.00 Calculated
99 546-547	Pipe	547	546	222.71	733.35	731.55	0.8100	12.000	0.0120	1.86	3.47	0.48	4.37	0.49	0.49	0.00 Calculated
100 547-548	Pipe	548	547	28.00	733.56	733.45	0.3900	12.000	0.0120	1.27	2.42	0.53	3.13	0.52	0.52	0.00 Calculated
101 549-550	Pipe	550	549	136.00	730.56	729.96	0.4400	21.000	0.0120	7.99	11.40	0.70	5.13	1.08	0.62	0.00 Calculated
102 549-565	Pipe	565	549	136.00	733.49	729.96	2.6000	12.000	0.0120	2.59	6.22	0.42	7.56	0.45	0.45	0.00 Calculated
103 549-567	Pipe	567	549	151.21	730.00	729.90	0.0700	48.000	0.0120	38.40	40.02	0.96	3.62	3.14	0.79	0.00 Calculated
104 550-551	Pipe	551	550	28.00	730.78	730.66	0.4300	18.000	0.0120	6.99	7.45	0.94	4.79	1.15	0.77	0.00 Calculated
105 551-552	Pipe	552	551	136.00	731.29	730.88	0.3000	18.000	0.0120	6.06	6.25	0.97	4.03	1.19	0.79	0.00 Calculated
106 552-553	Pipe	553	552	61.49	731.58	731.38	0.3300	15.000	0.0120	3.80	3.99	0.95	3.70	0.97	0.78	0.00 Calculated
107 552-570	Pipe	570	552	172.21	733.70	731.38	1.3500	12.000	0.0120	1.35	4.48	0.30	4.99	0.38	0.38	0.00 Calculated
108 553-553A	Pipe	553A	553	8.00	731.80	731.68	1.5000	12.000	0.0120	3.80	4.73	0.80	6.69	0.68	0.68	0.00 Calculated
109 556-557	Pipe	557	556	28.00	732.12	732.01	0.3900	12.000	0.0120	2.10	2.42	0.87	3.47	0.72	0.72	0.00 Calculated
110 557-558	Pipe	558	557	136.00	732.85	732.22	0.4600	12.000	0.0120	1.23	2.63	0.47	3.29	0.48	0.48	0.00 Calculated
111 559-560	Pipe	560	559	28.00	732.62	732.48	0.5000	12.000	0.0120	1.53	2.73	0.56	3.57	0.54	0.54	0.00 Calculated
112 561-562	Pipe	562	561	28.00	733.55	733.41	0.5000	12.000	0.0120	1.32	2.73	0.48	3.45	0.49	0.49	0.00 Calculated
113 565-566	Pipe	566	565	28.00	733.68	733.59	0.3200	12.000	0.0120	1.37	2.19	0.63	2.94	0.57	0.57	0.00 Calculated
114 567-568	Pipe	568	567	32.65	730.12	730.10	0.0600	48.000	0.0120	38.40	38.51	1.00	3.49	3.27	0.82	0.00 Calculated
115 568-569	Pipe	569	568	28.00	730.24	730.22	0.0700	48.000	0.0120	38.02	41.59	0.91	3.75	3.01	0.75	0.00 Calculated
116 569-501	Pipe	501	569	146.00	730.51	730.34	0.1200	42.000	0.0120	36.76	37.19	0.99	4.41	2.83	0.81	0.00 Calculated



## Link Summary

SN Element ID	Element Type	From (Inlet) Node	To (Outlet) Node	Length (ft)	Inlet Invert Elevation (ft)	Outlet Invert Elevation (ft)	Average Slope (%)	Diameter or Height (in)	Manning's Roughness	Peak Flow (cfs)	Design Flow Capacity (cfs)	Peak Flow/Design Flow Ratio	Peak Flow Velocity (ft/sec)	Peak Flow Depth (ft)	Peak Flow Depth/Total Depth Ratio	Total Time Reported Surcharged Condition (min)
117 570-571	Pipe	571	570	28.00	733.94	733.80	0.5000	12.000	0.0120	0.98	2.73	0.36	3.19	0.41	0.41	0.00 Calculated
118 643-644	Pipe	644	Lake2	105.64	735.14	735.00	0.1300	24.000	0.0120	3.78	8.92	0.42	2.72	0.91	0.45	0.00 Calculated
119 644-491	Pipe	491	644	151.00	735.42	735.24	0.1200	24.000	0.0120	3.78	8.46	0.45	2.62	0.94	0.47	0.00 Calculated
120 645-646	Pipe	646	Lake2	51.29	735.20	735.00	0.3800	15.000	0.0120	3.32	4.34	0.76	3.89	0.82	0.65	0.00 Calculated
121 646-481	Pipe	481	646	151.00	735.90	735.30	0.4000	15.000	0.0120	3.32	4.42	0.75	3.95	0.81	0.65	0.00 Calculated
122 553AOrifice	Orifice	553A	553ANode		731.68	731.68		8.000		3.80						
123 Lake2Outlet	Outlet	Lake2	460		735.00	735.00				0.00						
124 Lake4Outlet	Outlet	Lake4	513		729.00	729.00				3.97						

## Junction Input

SN Element ID	Invert Elevation (ft)	Ground/Rim (Max) Elevation (ft)	Ground/Rim (Max) Offset (ft)	Initial Water Elevation (ft)	Initial Water Depth (ft)	Surcharge Elevation (ft)	Surcharge Depth (ft)	Ponded Area (ft²)	Minimum Pipe Cover (in)
1 314	729.86	733.89	4.03	729.86	0.00	733.89	0.00	0.00	30.36
2 315	730.00	733.80	3.80	730.00	0.00	733.80	0.00	0.00	30.60
3 316	733.55	737.55	4.00	733.55	0.00	737.55	0.00	0.00	18.00
4 316A	729.12	731.22	2.10	729.12	0.00	731.22	0.00	0.00	7.20
5 317	734.01	738.38	4.37	734.01	0.00	738.38	0.00	0.00	22.44
6 318	734.47	739.02	4.55	734.47	0.00	739.02	0.00	0.00	30.60
7 319	734.50	739.03	4.53	734.50	0.00	739.03	0.00	0.00	30.40
8 437	746.33	749.94	3.61	746.33	0.00	749.94	0.00	0.00	31.28
9 438	743.92	749.94	6.02	743.92	0.00	749.94	0.00	0.00	34.64
10 444	733.74	739.02	5.28	733.74	0.00	739.02	0.00	0.00	22.30
11 445	736.22	739.64	3.42	736.22	0.00	739.64	0.00	0.00	23.06
12 445A	736.33	739.66	3.33	736.33	0.00	739.66	0.00	0.00	27.93
13 446	736.30	739.64	3.34	736.30	0.00	739.64	0.00	0.00	25.06
14 446A	736.33	739.66	3.33	736.33	0.00	739.66	0.00	0.00	27.93
15 447	737.31	744.56	7.25	737.31	0.00	744.56	0.00	0.00	46.71
16 450	736.10	740.72	4.62	736.10	0.00	740.72	0.00	0.00	40.45
17 451	735.80	740.72	4.92	735.80	0.00	740.72	0.00	0.00	42.85
18 453	735.09	742.75	7.66	735.09	0.00	744.25	1.50	0.00	33.00
19 455	743.90	747.92	4.02	743.90	0.00	747.92	0.00	0.00	35.00
20 456	744.75	747.92	3.17	744.75	0.00	747.92	0.00	0.00	26.00
21 460	735.00	736.52	1.52	735.00	0.00	736.52	0.00	0.00	0.00
22 461	734.69	741.20	6.51	734.69	0.00	741.20	0.00	0.00	64.92
23 462	734.27	739.19	4.92	734.27	0.00	739.38	0.19	0.00	45.84
24 463	734.09	738.80	4.71	734.09	0.00	738.81	0.01	0.00	38.52
25 464	733.94	738.80	4.86	733.94	0.00	738.81	0.01	0.00	37.32
26 465	733.63	738.00	4.37	733.63	0.00	739.00	1.00	0.00	28.44
27 466	733.16	738.38	5.22	733.16	0.00	738.39	0.01	0.00	37.44
28 467	732.99	738.38	5.39	732.99	0.00	738.39	0.01	0.00	33.48
29 468	732.76	738.55	5.79	732.76	0.00	738.00	-0.55	0.00	39.48
30 469	732.60	738.40	5.80	732.60	0.00	738.00	-0.40	0.00	38.40
31 470	732.27	738.10	5.83	732.27	0.00	737.00	-1.10	0.00	38.76
32 471	732.03	739.20	7.17	732.03	0.00	738.26	-0.94	0.00	50.04
33 472	731.83	738.42	6.59	731.83	0.00	738.08	-0.34	0.00	41.88
34 473	731.70	738.08	6.38	731.70	0.00	738.08	0.00	0.00	39.36
35 474	731.44	737.70	6.26	731.44	0.00	737.70	0.00	0.00	37.92
36 475	733.00	737.34	4.34	733.00	0.00	737.34	0.00	0.00	38.88
37 476	733.31	737.34	4.03	733.31	0.00	737.34	0.00	0.00	36.36
38 477	735.19	739.00	3.81	735.19	0.00	738.76	-0.24	0.00	32.52
39 478	735.83	739.00	3.17	735.83	0.00	738.76	-0.24	0.00	26.00
40 480	736.15	739.32	3.17	736.15	0.00	739.32	0.00	0.00	26.04
41 481	735.90	739.32	3.42	735.90	0.00	739.32	0.00	0.00	26.04
42 482	738.23	740.25	2.02	738.23	0.00	741.40	1.15	0.00	12.24
43 483	734.46	737.90	3.44	734.46	0.00	739.30	1.40	0.00	26.28
44 484	735.02	738.37	3.35	735.02	0.00	738.37	0.00	0.00	27.00
45 485	735.20	738.37	3.17	735.20	0.00	738.37	0.00	0.00	26.04
46 486	737.57	741.47	3.90	737.57	0.00	741.45	-0.02	0.00	33.60
47 487	737.37	740.79	3.42	737.37	0.00	740.79	0.00	0.00	27.84
48 488	737.19	740.79	3.61	737.19	0.00	740.79	0.00	0.00	30.09
49 489	735.80	740.00	4.20	735.80	0.00	740.00	0.00	0.00	25.20
50 490	735.55	741.10	5.55	735.55	0.00	741.10	0.00	0.00	42.60
51 491	735.42	741.10	5.68	735.42	0.00	741.10	0.00	0.00	42.96
52 492	733.92	738.39	4.47	733.92	0.00	738.37	-0.02	0.00	31.44
53 493	734.05	738.39	4.34	734.05	0.00	738.37	-0.02	0.00	31.08
54 494	734.05	737.56	3.51	734.05	0.00	737.41	-0.16	0.00	28.92
55 495	734.23	737.56	3.33	734.23	0.00	737.41	-0.16	0.00	27.96
56 496	735.21	738.64	3.43	735.21	0.00	738.64	0.00	0.00	27.96
57 497	735.46	738.64	3.18	735.46	0.00	738.64	0.00	0.00	26.16
58 498	734.60	738.27	3.67	734.60	0.00	738.13	-0.15	0.00	30.84
59 499	734.95	738.27	3.32	734.95	0.00	738.13	-0.15	0.00	27.84
60 500	733.13	735.15	2.02	733.13	0.00	736.30	1.15	0.00	12.24
61 501	730.51	737.20	6.69	730.51	0.00	737.50	0.30	0.00	38.28
62 502	730.83	738.44	7.61	730.83	0.00	738.46	0.02	0.00	54.12
63 503	730.98	738.09	7.11	730.98	0.00	738.10	0.01	0.00	48.12
64 504	731.13	738.09	6.96	731.13	0.00	738.10	0.01	0.00	46.32
65 505	731.98	734.35	2.37	731.98	0.00	735.50	1.15	0.00	12.24
66 506	732.78	738.62	5.84	732.78	0.00	738.63	0.01	0.00	55.08
67 507	733.61	737.12	3.51	733.61	0.00	736.97	-0.15	0.00	28.92
68 508	733.79	737.12	3.33	733.79	0.00	736.97	-0.15	0.00	27.96
69 509	733.54	737.76	4.22	733.54	0.00	737.76	0.00	0.00	37.44
70 510	733.73	737.76	4.03	733.73	0.00	737.76	0.00	0.00	36.36
71 512	725.20	733.00	7.80	725.20	0.00	733.00	0.00	0.00	30.96
72 513	729.00	736.30	7.30	729.00	0.00	736.30	0.00	0.00	0.00
73 515	729.04	736.00	6.96	729.04	0.00	735.50	-0.50	0.00	46.32
74 516	729.18	737.09	7.91	729.18	0.00	736.00	-1.09	0.00	57.72
75 517	729.39	737.86	8.47	729.39	0.00	736.81	-1.05	0.00	64.44
76 518	729.52	737.86	8.34	729.52	0.00	736.81	-1.05	0.00	62.80
77 519	729.65	738.35	8.70	729.65	0.00	737.33	-1.02	0.00	67.20
78 520	729.83	736.90	7.07	729.83	0.00	737.10	0.20	0.00	47.64
79 521	729.98	736.10	6.12	729.98	0.00	736.30	0.20	0.00	37.44
80 522	730.31	735.85	5.54	730.31	0.00	736.10	0.25	0.00	36.48
81 528	730.21	737.70	7.49	730.21	0.00	734.92	-2.78	0.00	70.68
82 529	730.36	737.70	7.34	730.36	0.00	734.92	-2.78	0.00	70.08

## Junction Input

SN	Element ID	Invert Elevation	Ground/Rim (Max) Elevation	Ground/Rim (Max) Offset	Initial Water Elevation	Initial Water Depth	Surcharge Elevation	Surcharge Depth	Ponded Area	Minimum Pipe Cover
		(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft²)	(in)
83	530	730.84	733.20	2.36	730.84	0.00	733.60	0.40	0.00	16.32
84	531	730.57	736.69	6.12	730.57	0.00	734.94	-1.75	0.00	52.44
85	532	730.71	736.69	5.98	730.71	0.00	734.94	-1.75	0.00	53.76
86	533	730.93	734.66	3.73	730.93	0.00	733.90	-0.76	0.00	29.76
87	538	729.05	737.50	8.45	729.05	0.00	737.50	0.00	0.00	40.20
88	539	729.26	738.09	8.83	729.26	0.00	738.09	0.00	0.00	44.76
89	540	729.38	738.09	8.71	729.38	0.00	738.09	0.00	0.00	43.32
90	541	729.57	737.75	8.18	729.57	0.00	737.90	0.15	0.00	38.16
91	542	729.99	735.65	5.66	729.99	0.00	736.30	0.65	0.00	37.92
92	543	730.32	736.62	6.30	730.32	0.00	736.38	-0.24	0.00	51.60
93	544	730.57	736.62	6.05	730.57	0.00	736.38	-0.24	0.00	53.40
94	545	731.14	735.51	4.37	731.14	0.00	736.20	0.69	0.00	33.24
95	546	731.45	735.15	3.70	731.45	0.00	735.80	0.65	0.00	26.40
96	547	733.35	737.62	4.27	733.35	0.00	736.73	-0.89	0.00	38.04
97	548	733.56	737.62	4.06	733.56	0.00	736.73	-0.89	0.00	36.72
98	549	729.80	737.50	7.70	729.80	0.00	737.70	0.20	0.00	38.40
99	550	730.56	737.46	6.90	730.56	0.00	736.57	-0.89	0.00	61.80
100	551	730.78	737.46	6.68	730.78	0.00	736.57	-0.89	0.00	60.96
101	552	731.29	735.20	3.91	731.29	0.00	736.00	0.80	0.00	28.92
102	553	731.58	733.85	2.27	731.58	0.00	0.00	-733.85	0.00	12.24
103	553ANode	731.68	735.00	3.32	731.68	0.00	735.00	0.00	0.00	0.00
104	556	729.89	737.10	7.21	729.89	0.00	735.43	-1.67	0.00	49.08
105	557	732.12	737.10	4.98	732.12	0.00	735.43	-1.67	0.00	46.56
106	558	732.85	734.10	1.25	732.85	0.00	734.00	-0.10	0.00	3.00
107	559	732.38	736.65	4.27	732.38	0.00	736.01	-0.64	0.00	38.04
108	560	732.62	736.65	4.03	732.62	0.00	736.01	-0.64	0.00	36.36
109	561	733.31	737.62	4.31	733.31	0.00	736.72	-0.90	0.00	38.52
110	562	733.55	737.62	4.07	733.55	0.00	736.72	-0.90	0.00	36.84
111	565	733.49	737.71	4.22	733.49	0.00	737.71	0.00	0.00	37.46
112	566	733.68	737.71	4.03	733.68	0.00	737.71	0.00	0.00	36.38
113	567	730.00	738.55	8.55	730.00	0.00	738.62	0.07	0.00	53.40
114	568	730.12	738.11	7.99	730.12	0.00	738.11	0.00	0.00	46.68
115	569	730.24	738.11	7.87	730.24	0.00	738.11	0.00	0.00	46.44
116	570	733.70	737.97	4.27	733.70	0.00	737.68	-0.29	0.00	38.04
117	571	733.94	737.97	4.03	733.94	0.00	737.68	-0.29	0.00	36.36
118	644	735.14	741.40	6.26	735.14	0.00	742.59	1.19	0.00	49.92
119	646	735.20	738.80	3.60	735.20	0.00	741.20	2.40	0.00	27.04

## Junction Results

SN Element ID	Peak Inflow	Peak Lateral Inflow	Max HGL Elevation Attained	Max HGL Depth Attained	Max Surge Depth Attained	Min Freeboard Attained	Average HGL Elevation Attained	Average HGL Depth Attained	Time of Max HGL Occurrence	Time of Peak Flooding Occurrence	Total Flooded Volume	Total Time Flooded
	(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(days hh:mm)	(days hh:mm)	(ac-in)	(min)
1 314	2.20	0.36	730.43	0.57	0.00	3.46	729.87	0.01	0 00:15	0 00:00	0.00	0.00
2 315	1.84	0.36	730.53	0.53	0.00	3.27	730.01	0.01	0 00:15	0 00:00	0.00	0.00
3 316	17.57	1.05	737.55	4.00	0.00	0.00	733.86	0.31	0 00:08	0 00:15	0.33	9.00
4 316A	2.20	0.00	729.98	0.86	0.00	1.24	729.13	0.01	0 00:15	0 00:00	0.00	0.00
5 317	11.90	1.22	735.58	1.57	0.00	2.80	734.28	0.27	0 00:15	0 00:00	0.00	0.00
6 318	8.08	4.35	735.64	1.17	0.00	3.38	734.77	0.30	0 00:15	0 00:00	0.00	0.00
7 319	3.73	3.64	735.50	1.00	0.00	3.53	735.04	0.54	0 00:35	0 00:00	0.00	0.00
8 437	1.14	1.14	746.70	0.37	0.00	3.23	746.33	0.00	0 00:09	0 00:00	0.00	0.00
9 438	1.77	1.41	746.42	2.50	0.00	3.51	746.05	2.13	0 00:09	0 00:00	0.00	0.00
10 444	18.52	1.77	739.02	5.28	0.00	0.00	735.68	1.94	0 00:10	0 00:13	0.14	6.00
11 445	5.29	2.88	737.28	1.06	0.00	2.36	736.31	0.09	0 00:11	0 00:00	0.00	0.00
12 445A	0.00	0.00	736.33	0.00	0.00	3.33	736.33	0.00	0 00:00	0 00:00	0.00	0.00
13 446	3.00	3.00	737.13	0.83	0.00	2.50	736.31	0.01	0 00:11	0 00:00	0.00	0.00
14 446A	0.00	0.00	736.33	0.00	0.00	3.33	736.33	0.00	0 00:00	0 00:00	0.00	0.00
15 447	4.23	2.58	740.04	2.73	0.00	4.52	739.67	2.36	0 00:09	0 00:00	0.00	0.00
16 450	1.23	1.23	736.49	0.39	0.00	4.23	736.11	0.01	0 00:15	0 00:00	0.00	0.00
17 451	2.79	1.56	736.54	0.74	0.00	4.19	735.91	0.11	0 00:15	0 00:00	0.00	0.00
18 453	6.95	0.00	739.54	4.45	0.00	3.21	739.01	3.92	0 00:15	0 00:00	0.00	0.00
19 455	4.16	2.87	744.44	0.54	0.00	3.48	744.01	0.11	0 00:15	0 00:00	0.00	0.00
20 456	1.29	1.29	745.06	0.31	0.00	2.86	744.75	0.00	0 00:15	0 00:00	0.00	0.00
21 460	1.18	1.18	735.55	0.55	0.00	0.97	735.55	0.55	0 00:00	0 00:00	0.00	0.00
22 461	1.18	0.00	735.34	0.65	0.00	5.86	735.34	0.65	0 00:00	0 00:00	0.00	0.00
23 462	1.18	0.00	734.92	0.65	0.00	4.27	734.92	0.65	0 00:00	0 00:00	0.00	0.00
24 463	3.41	2.23	735.02	0.93	0.00	3.78	734.74	0.65	0 00:15	0 00:00	0.00	0.00
25 464	4.88	1.72	735.16	1.22	0.00	3.64	734.55	0.61	0 00:15	0 00:00	0.00	0.00
26 465	11.07	0.00	735.25	1.62	0.00	2.75	734.27	0.64	0 00:16	0 00:00	0.00	0.00
27 466	12.10	1.12	734.88	1.72	0.00	3.50	733.71	0.55	0 00:16	0 00:00	0.00	0.00
28 467	12.36	0.84	734.71	1.72	0.00	3.67	733.52	0.53	0 00:16	0 00:00	0.00	0.00
29 468	14.16	0.56	734.74	1.98	0.00	3.81	733.51	0.75	0 00:16	0 00:00	0.00	0.00
30 469	17.65	0.39	734.75	2.15	0.00	3.65	734.01	1.41	0 00:17	0 00:00	0.00	0.00
31 470	18.50	1.03	734.42	2.15	0.00	3.68	732.83	0.56	0 00:17	0 00:00	0.00	0.00
32 471	18.75	0.00	734.38	2.35	0.00	4.82	732.59	0.56	0 00:16	0 00:00	0.00	0.00
33 472	20.28	1.52	734.28	2.45	0.00	4.14	732.46	0.63	0 00:16	0 00:00	0.00	0.00
34 473	21.51	1.45	734.14	2.44	0.00	3.94	732.28	0.58	0 00:17	0 00:00	0.00	0.00
35 474	27.08	1.15	733.98	2.54	0.00	3.72	732.04	0.60	0 00:17	0 00:00	0.00	0.00
36 475	3.11	1.46	733.72	0.72	0.00	3.62	733.11	0.11	0 00:18	0 00:00	0.00	0.00
37 476	1.68	1.68	733.81	0.50	0.00	3.53	733.32	0.01	0 00:18	0 00:00	0.00	0.00
38 477	0.44	0.35	735.39	0.20	0.00	3.61	735.29	0.10	0 00:13	0 00:00	0.00	0.00
39 478	0.11	0.11	735.94	0.11	0.00	3.06	735.83	0.00	0 00:13	0 00:00	0.00	0.00
40 480	1.93	1.93	736.92	0.77	0.00	2.40	736.16	0.01	0 00:14	0 00:00	0.00	0.00
41 481	3.32	1.59	736.84	0.94	0.00	2.48	736.08	0.18	0 00:14	0 00:00	0.00	0.00
42 482	1.36	1.36	738.84	0.61	0.00	1.41	738.24	0.01	0 00:17	0 00:00	0.00	0.00
43 483	3.30	1.92	735.47	1.01	0.00	2.43	734.57	0.11	0 00:16	0 00:00	0.00	0.00
44 484	1.40	0.72	735.68	0.66	0.00	2.69	735.13	0.11	0 00:18	0 00:00	0.00	0.00
45 485	1.24	1.24	735.76	0.56	0.00	2.61	735.21	0.01	0 00:18	0 00:00	0.00	0.00
46 486	1.36	0.00	738.28	0.71	0.00	3.19	737.68	0.11	0 00:17	0 00:00	0.00	0.00
47 487	1.36	0.88	738.05	0.68	0.00	2.74	737.48	0.11	0 00:17	0 00:00	0.00	0.00
48 488	2.62	1.29	737.99	0.80	0.00	2.80	737.30	0.11	0 00:17	0 00:00	0.00	0.00
49 489	3.02	0.50	737.30	1.50	0.00	2.70	736.51	0.71	0 00:17	0 00:00	0.00	0.00
50 490	3.11	0.43	736.41	0.86	0.00	4.69	735.57	0.02	0 00:16	0 00:00	0.00	0.00
51 491	3.78	0.72	736.38	0.96	0.00	4.72	735.54	0.12	0 00:16	0 00:00	0.00	0.00
52 492	6.25	1.54	735.32	1.40	0.00	3.07	734.04	0.12	0 00:16	0 00:00	0.00	0.00
53 493	4.87	1.63	735.31	1.26	0.00	3.08	734.17	0.12	0 00:16	0 00:00	0.00	0.00
54 494	1.49	1.43	734.61	0.56	0.00	2.95	734.16	0.11	0 00:09	0 00:00	0.00	0.00
55 495	0.84	0.84	734.67	0.44	0.00	2.89	734.23	0.00	0 00:09	0 00:00	0.00	0.00
56 496	3.34	1.51	735.96	0.75	0.00	2.68	735.32	0.11	0 00:17	0 00:00	0.00	0.00
57 497	1.85	1.85	736.05	0.59	0.00	2.59	735.47	0.01	0 00:17	0 00:00	0.00	0.00
58 498	0.63	0.43	734.90	0.30	0.00	3.37	734.70	0.10	0 00:13	0 00:00	0.00	0.00
59 499	0.32	0.32	735.15	0.20	0.00	3.12	734.95	0.00	0 00:13	0 00:00	0.00	0.00
60 500	1.90	1.90	733.72	0.59	0.00	1.43	733.14	0.01	0 00:22	0 00:00	0.00	0.00
61 501	36.76	0.92	733.34	2.83	0.00	3.86	731.05	0.54	0 00:17	0 00:00	0.00	0.00
62 502	30.04	0.00	733.30	2.47	0.00	5.14	731.36	0.53	0 00:17	0 00:00	0.00	0.00
63 503	30.04	1.58	733.38	2.40	0.00	4.71	731.51	0.53	0 00:17	0 00:00	0.00	0.00
64 504	28.52	1.44	733.62	2.49	0.00	4.47	731.68	0.55	0 00:17	0 00:00	0.00	0.00
65 505	4.21	1.43	732.88	0.90	0.00	1.47	732.09	0.11	0 00:17	0 00:00	0.00	0.00
66 506	3.18	0.00	733.69	0.91	0.00	4.93	732.89	0.11	0 00:12	0 00:00	0.00	0.00
67 507	2.81	1.56	734.44	0.83	0.00	2.68	733.72	0.11	0 00:17	0 00:00	0.00	0.00
68 508	1.81	1.81	734.52	0.73	0.00	2.60	733.80	0.01	0 00:17	0 00:00	0.00	0.00
69 509	2.10	0.66	734.23	0.69	0.00	3.53	733.65	0.11	0 00:15	0 00:00	0.00	0.00
70 510	1.44	1.44	734.32	0.59	0.00	3.44	733.74	0.01	0 00:15	0 00:00	0.00	0.00
71 512	3.97	0.00	729.19	3.99	0.00	3.81	729.12	3.92	0 12:14	0 00:00	0.00	0.00
72 513	3.97	0.00	729.52	0.52	0.00	6.78	729.45	0.45	0 12:14	0 00:00	0.00	0.00
73 515	13.94	0.00	730.95	1.91	0.00	5.05	729.17	0.13	0 00:17	0 00:00	0.00	0.00
74 516	13.94	0.00	731.10	1.92	0.00	5.99	729.31	0.13	0 00:17	0 00:00	0.00	0.00
75 517	13.94	1.80	731.21	1.82	0.00	6.65	729.52	0.13	0 00:17	0 00:00	0.00	0.00
76 518	12.16	1.00	731.22	1.70	0.00	6.64	729.65	0.13	0 00:17	0 00:00	0.00	0.00
77 519	11.28	0.00	731.46	1.81	0.00	6.89	729.78	0.13	0 00:17	0 00:00	0.00	0.00
78 520	11.28	0.00	731.65	1.82	0.00	5.25	729.96	0.13	0 00:17	0 00:00	0.00	0.00
79 521	11.28	1.16	731.70	1.72	0.00	4.40	730.11	0.13	0 00:17	0 00:00	0.00	0.00
80 522	6.19	2.06	731.57	1.26	0.00	4.28	730.43	0.12	0 00:12	0 00:00	0.00	0.00
81 528	4.01	1.60	731.35	1.14	0.00	6.35	730.33	0.12	0 00:18	0 00:00	0.00	0.00

## Junction Results

SN Element ID	Peak Inflow	Peak Lateral Inflow	Max HGL Elevation	Max HGL Depth Attained	Max Surcharge Depth Attained	Min Freeboard Attained	Average HGL Elevation Attained	Average HGL Depth Attained	Time of Max HGL Occurrence	Time of Peak Flooding Occurrence	Total Flooded Volume	Total Time Flooded
	(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(days hh:mm)	(days hh:mm)	(ac-in)	(min)
82 529	2.93	1.86	731.21	0.85	0.00	6.49	730.47	0.11	0 00:20	0 00:00	0.00	0.00
83 530	1.18	1.18	731.39	0.55	0.00	1.81	730.85	0.01	0 00:18	0 00:00	0.00	0.00
84 531	4.44	2.46	731.73	1.16	0.00	4.96	730.69	0.12	0 00:12	0 00:00	0.00	0.00
85 532	2.74	2.07	731.58	0.87	0.00	5.11	730.82	0.11	0 00:17	0 00:00	0.00	0.00
86 533	0.70	0.70	731.43	0.50	0.00	3.23	730.94	0.01	0 00:17	0 00:00	0.00	0.00
87 538	66.98	0.00	732.89	3.84	0.00	4.61	729.85	0.80	0 00:17	0 00:00	0.00	0.00
88 539	66.98	0.80	733.00	3.74	0.00	5.09	730.05	0.79	0 00:17	0 00:00	0.00	0.00
89 540	66.18	0.76	733.20	3.82	0.00	4.89	730.19	0.81	0 00:17	0 00:00	0.00	0.00
90 541	65.45	0.88	733.29	3.72	0.00	4.46	730.42	0.85	0 00:17	0 00:00	0.00	0.00
91 542	12.01	1.53	732.28	2.29	0.00	3.37	731.48	1.49	0 00:14	0 00:00	0.00	0.00
92 543	6.70	1.78	731.51	1.19	0.00	5.11	730.44	0.12	0 00:16	0 00:00	0.00	0.00
93 544	4.93	1.84	731.40	0.83	0.00	5.22	730.68	0.11	0 00:15	0 00:00	0.00	0.00
94 545	3.15	0.00	731.87	0.73	0.00	3.64	731.25	0.11	0 00:16	0 00:00	0.00	0.00
95 546	3.15	1.51	732.08	0.63	0.00	3.07	731.56	0.11	0 00:16	0 00:00	0.00	0.00
96 547	1.66	0.69	733.97	0.62	0.00	3.65	733.46	0.11	0 00:17	0 00:00	0.00	0.00
97 548	1.27	1.27	734.08	0.52	0.00	3.54	733.57	0.01	0 00:17	0 00:00	0.00	0.00
98 549	50.04	1.27	733.39	3.59	0.00	4.11	730.59	0.79	0 00:17	0 00:00	0.00	0.00
99 550	7.99	1.06	731.81	1.25	0.00	5.65	731.04	0.48	0 00:15	0 00:00	0.00	0.00
100 551	6.99	1.06	732.07	1.29	0.00	5.39	731.30	0.52	0 00:15	0 00:00	0.00	0.00
101 552	6.06	1.39	732.48	1.19	0.00	2.72	731.85	0.56	0 00:15	0 00:00	0.00	0.00
102 553	3.80	0.00	732.55	0.97	0.00	1.30	732.10	0.52	0 01:02	0 00:00	0.00	0.00
103 553ANode	3.80	0.00	732.48	0.80	0.00	2.52	732.13	0.45	0 01:02	0 00:00	0.00	0.00
104 556	3.01	1.17	732.73	2.84	0.00	4.37	732.02	2.13	0 00:15	0 00:00	0.00	0.00
105 557	2.10	1.01	732.84	0.72	0.00	4.26	732.23	0.11	0 00:15	0 00:00	0.00	0.00
106 558	1.23	1.23	733.33	0.48	0.00	0.77	732.86	0.01	0 00:15	0 00:00	0.00	0.00
107 559	3.12	1.89	733.19	0.81	0.00	3.46	732.49	0.11	0 00:14	0 00:00	0.00	0.00
108 560	1.53	1.53	733.16	0.54	0.00	3.49	732.63	0.01	0 00:17	0 00:00	0.00	0.00
109 561	1.38	0.81	733.90	0.59	0.00	3.72	733.42	0.11	0 00:18	0 00:00	0.00	0.00
110 562	1.32	1.32	734.04	0.49	0.00	3.58	733.56	0.01	0 00:18	0 00:00	0.00	0.00
111 565	2.59	1.25	734.16	0.67	0.00	3.55	733.60	0.11	0 00:18	0 00:00	0.00	0.00
112 566	1.37	1.37	734.25	0.57	0.00	3.46	733.69	0.01	0 00:18	0 00:00	0.00	0.00
113 567	38.40	0.00	733.37	3.37	0.00	5.18	730.62	0.62	0 00:17	0 00:00	0.00	0.00
114 568	38.40	0.66	733.39	3.27	0.00	4.72	730.72	0.60	0 00:17	0 00:00	0.00	0.00
115 569	38.02	1.30	733.25	3.01	0.00	4.86	730.80	0.56	0 00:17	0 00:00	0.00	0.00
116 570	1.35	0.67	734.21	0.51	0.00	3.76	733.81	0.11	0 00:17	0 00:00	0.00	0.00
117 571	0.98	0.98	734.35	0.41	0.00	3.62	733.95	0.01	0 00:17	0 00:00	0.00	0.00
118 644	3.78	0.00	736.18	1.04	0.00	5.22	735.26	0.12	0 00:16	0 00:00	0.00	0.00
119 646	3.32	0.00	736.10	0.90	0.00	2.70	735.31	0.11	0 00:14	0 00:00	0.00	0.00

## Pipe Input

SN	Element ID	Length (ft)	Inlet Invert Elevation (ft)	Inlet Invert Offset (ft)	Outlet Invert Elevation (ft)	Outlet Invert Offset (ft)	Total Drop (ft)	Average Pipe Slope (%)	Pipe Shape	Pipe Diameter or Height (in)	Pipe Width (in)	Manning's Roughness	Entrance Losses	Exit/Bend Losses	Additional Losses	Initial Flow (cfs)	Flap Gate	No. of Barrels
1	305-316	135.17	733.55	0.00	733.40	0.00	0.15	0.1100	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
2	314-315	28.89	730.00	0.00	729.86	0.00	0.14	0.4800	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
3	315-315A	37.14	731.59	0.00	730.00	0.00	1.59	4.2800	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
4	316-444	137.44	733.74	0.00	733.55	0.00	0.19	0.1400	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
5	316A-314	189.83	729.86	0.00	729.12	0.00	0.74	0.3900	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
6	316B-316A	167.09	729.12	0.00	728.96	0.00	0.16	0.1000	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
7	317-318	174.81	734.47	0.00	734.01	0.00	0.46	0.2600	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
8	317-447	165.11	737.31	0.00	734.01	0.00	3.30	2.0000	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
9	318-319	28.76	734.50	0.00	734.47	0.00	0.03	0.1000	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
10	319-319A	167.43	734.55	0.00	734.50	0.00	0.05	0.0300	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
11	438-437	28.00	746.33	0.00	746.05	2.13	0.28	1.0000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
12	444-317	195.27	734.01	0.00	733.74	0.00	0.27	0.1400	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
13	444-445	184.78	736.22	0.00	735.66	1.92	0.55	0.3000	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
14	445-445A	10.00	736.33	0.00	736.30	0.08	0.03	0.3000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
15	445-446	28.00	736.30	0.00	736.22	0.00	0.08	0.3000	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
16	446-446A	10.00	736.33	0.00	736.30	0.00	0.03	0.3000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
17	447-438	169.99	743.92	0.00	739.67	2.36	4.25	2.5000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
18	451-450	28.00	736.10	0.00	735.90	0.10	0.20	0.7100	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
19	453-451	163.50	735.80	0.00	735.19	0.10	0.61	0.3700	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
20	453-454	72.62	735.09	0.00	735.00	0.00	0.09	0.1200	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
21	453-455	136.00	743.90	0.00	739.00	3.91	4.90	3.6000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
22	455-456	28.00	744.75	0.00	744.00	0.10	0.75	2.6800	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
23	461-460	78.92	735.00	0.00	734.79	0.10	0.21	0.2700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
24	462-461	120.00	734.69	0.00	734.37	0.10	0.32	0.2700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
25	463-462	29.20	734.27	0.00	734.19	0.10	0.08	0.2700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
26	464-463	28.00	734.09	0.00	734.04	0.10	0.05	0.1800	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
27	465-464	179.20	733.94	0.00	733.73	0.10	0.21	0.1200	CIRCULAR	21.000	21.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
28	465-492	136.00	733.92	0.00	733.73	0.10	0.19	0.1400	CIRCULAR	21.000	21.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
29	466-465	178.00	733.63	0.00	733.26	0.10	0.37	0.2100	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
30	467-466	28.00	733.16	0.00	733.09	0.10	0.07	0.2500	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
31	468-467	157.66	733.09	0.10	732.76	0.00	0.33	0.2100	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
32	468-494	136.00	734.05	0.00	733.49	0.73	0.56	0.4100	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
33	469-468	55.00	732.76	0.00	732.70	0.10	0.06	0.1100	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
34	469-496	136.00	735.21	0.00	734.00	1.40	1.21	0.8900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
35	470-469	145.48	732.60	0.00	732.37	0.10	0.23	0.1600	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
36	471-470	80.00	732.27	0.00	732.13	0.10	0.14	0.1700	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
37	471-498	89.79	734.60	0.00	732.13	0.10	2.47	2.7500	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
38	472-471	136.00	732.03	0.00	731.93	0.10	0.10	0.0700	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
39	473-472	28.00	731.83	0.00	731.80	0.10	0.03	0.1100	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
40	474-473	177.68	731.70	0.00	731.54	0.10	0.16	0.0900	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
41	474-475	178.00	733.00	0.00	731.44	0.00	1.56	0.8800	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
42	474-500	280.00	733.13	0.00	731.54	0.10	1.59	0.5700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
43	475-476	28.00	733.31	0.00	733.10	0.10	0.21	0.7500	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
44	477-478	28.00	735.83	0.00	735.29	0.10	0.54	1.9400	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
45	481-480	28.00	736.15	0.00	736.07	0.17	0.08	0.2900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
46	483-484	175.01	735.02	0.00	734.56	0.10	0.46	0.2600	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
47	484-485	28.00	735.20	0.00	735.12	0.10	0.08	0.2900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
48	486-482	214.36	738.23	0.00	737.67	0.10	0.56	0.2600	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
49	487-486	34.10	737.57	0.00	737.47	0.10	0.10	0.3000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
50	488-487	28.00	737.37	0.00	737.29	0.10	0.08	0.3000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
51	489-488	142.71	737.19	0.00	736.50	0.70	0.69	0.4800	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
52	490-489	162.16	735.90	0.10	735.55	0.00	0.35	0.2200	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
53	491-490	28.00	735.55	0.00	735.52	0.10	0.03	0.1100	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
54	492-493	28.16	734.05	0.00	734.02	0.10	0.03	0.1100	CIRCULAR	21.000	21.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
55	493-483	136.00	734.46	0.00	734.15	0.10	0.31	0.2300	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
56	494-495	28.00	734.23	0.00	734.15	0.10	0.08	0.2900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
57	496-497	28.00	735.46	0.00	735.31	0.10	0.15	0.5400	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
58	498-499	29.73	734.95	0.00	734.70	0.10	0.25	0.8400	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
59	501-502	125.00	730.83	0.00	730.61	0.10	0.22	0.1800	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
60	501-505	275.00	731.98	0.00	730.67	0.16	1.31	0.4800	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
61	501-509	161.00	733.54	0.00	730.67	0.16	2.87	1.7800	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
62	502-503	26.81	730.98	0.00	730.93	0.10	0.05	0.1900	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
63	503-504	28.00	731.13	0.00	731.08	0.10	0.05	0.1800	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
64	504-474	140.99	731.44	0.00	731.23	0.10	0.21	0.1500	CIRCULAR	36.000	36.000	0.0120	0.5000	0.5000	0.0000	0.00	No	1
65	505-506	45.03	732.78	0.00	732.08	0.10	0.70	1.5500	CIRCULAR	15.000</								

## Pipe Input

SN	Element ID	Length (ft)	Inlet Invert Elevation (ft)	Inlet Invert Offset (ft)	Outlet Invert Elevation (ft)	Outlet Invert Offset (ft)	Total Drop (ft)	Average Pipe Slope (%)	Pipe Shape	Pipe Diameter or Height (in)	Pipe Width (in)	Manning's Roughness	Entrance Losses	Exit/Bend Losses	Additional Losses	Initial Flow Gate	No. of Barrels
																(cfs)	
83	529-530	141.00	730.84	0.00	730.46	0.10	0.38	0.2700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
84	531-532	28.04	730.71	0.00	730.67	0.10	0.04	0.1400	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
85	532-533	141.00	730.93	0.00	730.81	0.10	0.12	0.0900	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
86	538-539	161.00	729.26	0.00	729.15	0.10	0.11	0.0700	CIRCULAR	60.000	60.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
87	538-Lake4	72.62	729.05	0.00	729.00	0.00	0.05	0.0700	CIRCULAR	60.000	60.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
88	539-540	28.13	729.38	0.00	729.36	0.10	0.02	0.0700	CIRCULAR	60.000	60.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
89	540-541	136.00	729.57	0.00	729.48	0.10	0.09	0.0700	CIRCULAR	60.000	60.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
90	541-542	216.00	729.99	0.00	729.67	0.10	0.32	0.1500	CIRCULAR	30.000	30.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
91	541-549	224.00	729.80	0.00	729.67	0.10	0.13	0.0600	CIRCULAR	54.000	54.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
92	541-556	136.00	729.89	0.00	729.72	0.15	0.17	0.1200	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
93	542-543	136.00	730.32	0.00	730.09	0.10	0.23	0.1700	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
94	542-559	136.00	732.38	0.00	731.47	1.48	0.91	0.6700	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
95	542-561	252.22	733.31	0.00	731.47	1.48	1.84	0.7300	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
96	543-544	28.00	730.57	0.00	730.42	0.10	0.15	0.5400	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
97	544-545	136.00	731.14	0.00	730.67	0.10	0.47	0.3500	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
98	545-546	36.49	731.45	0.00	731.24	0.10	0.21	0.5800	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
99	546-547	222.71	733.35	0.00	731.55	0.10	1.80	0.8100	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
100	547-548	28.00	733.56	0.00	733.45	0.10	0.11	0.3900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
101	549-550	136.00	730.56	0.00	729.96	0.16	0.60	0.4400	CIRCULAR	21.000	21.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
102	549-565	136.00	733.49	0.00	729.96	0.16	3.53	2.6000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
103	549-567	151.21	730.00	0.00	729.90	0.10	0.10	0.0700	CIRCULAR	48.000	48.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
104	550-551	28.00	730.78	0.00	730.66	0.10	0.12	0.4300	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
105	551-552	136.00	731.29	0.00	730.88	0.10	0.41	0.3000	CIRCULAR	18.000	18.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
106	552-553	61.49	731.58	0.00	731.38	0.09	0.20	0.3300	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
107	552-570	172.21	733.70	0.00	731.38	0.09	2.32	1.3500	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
108	553-553A	8.00	731.80	0.12	731.68	0.10	0.12	1.5000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
109	556-557	28.00	732.12	0.00	732.01	2.12	0.11	0.3900	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
110	557-558	136.00	732.85	0.00	732.22	0.10	0.63	0.4600	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
111	559-560	28.00	732.62	0.00	732.48	0.10	0.14	0.5000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
112	561-562	28.00	733.55	0.00	733.41	0.10	0.14	0.5000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
113	565-566	28.00	733.68	0.00	733.59	0.10	0.09	0.3200	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
114	567-568	32.65	730.12	0.00	730.10	0.10	0.02	0.0600	CIRCULAR	48.000	48.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
115	568-569	28.00	730.24	0.00	730.22	0.10	0.02	0.0700	CIRCULAR	48.000	48.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
116	569-501	146.00	730.51	0.00	730.34	0.10	0.17	0.1200	CIRCULAR	42.000	42.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
117	570-571	28.00	733.94	0.00	733.80	0.10	0.14	0.5000	CIRCULAR	12.000	12.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
118	643-644	105.64	735.14	0.00	735.00	0.00	0.14	0.1300	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
119	644-491	151.00	735.42	0.00	735.24	0.10	0.18	0.1200	CIRCULAR	24.000	24.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
120	645-646	51.29	735.20	0.00	735.00	0.00	0.20	0.3800	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1
121	646-481	151.00	735.90	0.00	735.30	0.10	0.60	0.4000	CIRCULAR	15.000	15.000	0.0120	0.5000	0.5000	0.0000	0.00 No	1



## Pipe Results

SN Element ID	Peak Flow	Time of Peak Flow Occurrence	Design Flow Capacity	Peak Flow/Design Flow Ratio	Peak Flow Velocity	Travel Time	Peak Flow Depth	Peak Flow Depth/Total Depth Ratio	Total Time Surcharged	Froude Number	Reported Condition
	(cfs)	(days hh:mm)	(cfs)		(ft/sec)	(min)	(ft)		(min)		
1 305-316	14.80	0 00:08	14.80	1.00	3.44	0.65	2.50	1.00	9.00		SURCHARGED
2 314-315	1.84	0 00:15	4.87	0.38	3.69	0.13	0.53	0.43	0.00		Calculated
3 315-315A	1.48	0 00:15	14.48	0.10	7.59	0.08	0.27	0.22	0.00		Calculated
4 316-444	16.52	0 00:10	16.52	1.00	3.84	0.60	2.50	1.00	6.00		SURCHARGED
5 316A-314	2.20	0 00:15	7.10	0.31	3.54	0.89	0.57	0.38	0.00		Calculated
6 316B-316A	2.20	0 00:15	3.52	0.62	2.10	1.33	0.86	0.57	0.00		Calculated
7 317-318	8.08	0 00:15	12.57	0.64	4.25	0.69	1.17	0.58	0.00		Calculated
8 317-447	4.23	0 00:11	9.90	0.43	7.75	0.36	0.57	0.46	0.00		Calculated
9 318-319	3.73	0 00:15	7.92	0.47	2.48	0.19	0.97	0.48	0.00		Calculated
10 319-319A	0.67	0 00:35	0.67	1.00	0.97	2.88	1.00	1.00	36.00		SURCHARGED
11 438-437	1.14	0 00:09	3.86	0.30	4.28	0.11	0.37	0.37	0.00		Calculated
12 444-317	11.90	0 00:15	16.52	0.72	3.66	0.89	1.57	0.63	0.00		Calculated
13 444-445	5.29	0 00:11	6.23	0.85	3.96	0.78	1.06	0.71	0.00		Calculated
14 445-445A	0.00	0 00:00	2.11	0.00	0.00	0.00	0.00	0.00	0.00		Calculated
15 445-446	3.00	0 00:11	3.83	0.78	3.46	0.13	0.83	0.67	0.00		Calculated
16 446-446A	0.00	0 00:00	2.11	0.00	0.00	0.00	0.00	0.00	0.00		Calculated
17 447-438	1.77	0 00:09	6.10	0.29	6.73	0.42	0.37	0.37	0.00		Calculated
18 451-450	1.23	0 00:15	5.91	0.21	3.80	0.12	0.39	0.31	0.00		Calculated
19 453-451	2.79	0 00:15	4.29	0.65	3.72	0.73	0.74	0.59	0.00		Calculated
20 453-454	6.95	0 00:15	8.49	0.82	3.01	0.40	1.38	0.69	0.00		Calculated
21 453-455	4.16	0 00:15	7.33	0.57	9.62	0.24	0.54	0.54	0.00		Calculated
22 455-456	1.29	0 00:15	6.32	0.20	6.31	0.07	0.31	0.31	0.00		Calculated
23 461-460	1.18	0 00:00	1.99	0.59	2.64	0.50	0.55	0.55	0.00		Calculated
24 462-461	1.18	0 00:00	1.99	0.59	2.64	0.76	0.55	0.55	0.00		Calculated
25 463-462	1.18	0 00:00	2.02	0.58	2.67	0.18	0.55	0.55	0.00		Calculated
26 464-463	3.41	0 00:15	4.81	0.71	2.95	0.16	0.93	0.62	0.00		Calculated
27 465-464	4.88	0 00:15	5.88	0.83	2.73	1.09	1.22	0.70	0.00		Calculated
28 465-492	6.25	0 00:16	6.42	0.97	3.04	0.75	1.40	0.80	0.00		Calculated
29 466-465	11.07	0 00:16	11.17	0.99	4.05	0.73	1.62	0.81	0.00		Calculated
30 467-466	12.10	0 00:16	12.25	0.99	4.45	0.10	1.62	0.81	0.00		Calculated
31 468-467	12.36	0 00:16	20.33	0.61	4.34	0.61	1.41	0.56	0.00		Calculated
32 468-494	1.49	0 00:09	2.48	0.60	3.30	0.69	0.56	0.56	0.00		Calculated
33 469-468	14.16	0 00:16	14.68	0.96	3.40	0.27	1.98	0.79	0.00		Calculated
34 469-496	3.34	0 00:17	3.64	0.92	5.25	0.43	0.75	0.75	0.00		Calculated
35 470-469	17.65	0 00:17	17.67	1.00	4.10	0.59	2.05	0.82	0.00		Calculated
36 471-470	18.50	0 00:17	18.59	1.00	4.32	0.31	2.04	0.82	0.00		Calculated
37 471-498	0.63	0 00:09	6.40	0.10	5.19	0.29	0.21	0.21	0.00		Calculated
38 472-471	18.75	0 00:16	19.59	0.96	3.15	0.72	2.35	0.78	0.00		Calculated
39 473-472	20.28	0 00:17	23.65	0.86	3.76	0.12	2.14	0.71	0.00		Calculated
40 474-473	21.51	0 00:17	21.68	0.99	3.50	0.85	2.44	0.81	0.00		Calculated
41 474-475	3.11	0 00:18	3.61	0.86	5.17	0.57	0.72	0.72	0.00		Calculated
42 474-500	1.90	0 00:22	2.91	0.65	3.94	1.18	0.59	0.59	0.00		Calculated
43 475-476	1.68	0 00:18	3.34	0.50	4.26	0.11	0.50	0.50	0.00		Calculated
44 477-478	0.11	0 00:13	5.37	0.02	2.63	0.18	0.10	0.10	0.00		Calculated
45 481-480	1.93	0 00:14	2.06	0.94	2.98	0.16	0.77	0.77	0.00		Calculated
46 483-484	1.40	0 00:10	1.98	0.71	2.73	1.07	0.62	0.62	0.00		Calculated
47 484-485	1.24	0 00:18	2.06	0.60	2.75	0.17	0.56	0.56	0.00		Calculated
48 486-482	1.36	0 00:17	1.97	0.69	2.71	1.32	0.61	0.61	0.00		Calculated
49 487-486	1.36	0 00:17	2.11	0.64	2.85	0.20	0.58	0.58	0.00		Calculated
50 488-487	1.36	0 00:17	2.11	0.64	2.85	0.16	0.58	0.58	0.00		Calculated
51 489-488	2.62	0 00:17	2.68	0.98	3.88	0.61	0.80	0.80	0.00		Calculated
52 490-489	3.02	0 00:17	11.39	0.27	3.06	0.88	0.70	0.35	0.00		Calculated
53 491-490	3.11	0 00:16	8.02	0.39	2.39	0.20	0.86	0.43	0.00		Calculated
54 492-493	4.87	0 00:16	5.60	0.87	2.62	0.18	1.26	0.72	0.00		Calculated
55 493-483	3.30	0 00:16	3.34	0.99	3.10	0.73	1.01	0.81	0.00		Calculated
56 494-495	0.84	0 00:09	2.06	0.41	2.49	0.19	0.44	0.44	0.00		Calculated
57 496-497	1.85	0 00:17	2.83	0.65	3.83	0.12	0.59	0.59	0.00		Calculated
58 498-499	0.32	0 00:13	3.54	0.09	2.79	0.18	0.20	0.20	0.00		Calculated
59 501-502	30.04	0 00:17	30.31	0.99	4.89	0.43	2.43	0.81	0.00		Calculated
60 501-505	4.21	0 00:17	4.83	0.87	4.43	1.03	0.90	0.72	0.00		Calculated
61 501-509	2.10	0 00:15	5.15	0.41	6.22	0.43	0.44	0.44	0.00		Calculated
62 502-503	30.04	0 00:17	31.21	0.96	5.02	0.09	2.37	0.79	0.00		Calculated
63 503-504	28.52	0 00:17	30.53	0.93	4.91	0.10	2.30	0.77	0.00		Calculated
64 504-474	27.08	0 00:17	27.89	0.97	4.49	0.52	2.39	0.80	0.00		Calculated
65 505-506	3.18	0 00:13	8.73	0.36	6.54	0.11	0.52	0.42	0.00		Calculated
66 506-477	0.44	0 00:16	5.59	0.08	4.24	0.43	0.19	0.19	0.00		Calculated
67 506-507	2.81	0 00:12	2.83	0.99	4.10	0.55	0.81	0.81	0.00		Calculated
68 507-508	1.81	0 00:17	2.06	0.88	2.96	0.16	0.73	0.73	0.00		Calculated
69 509-510	1.44	0 00:15	2.19	0.66	2.97	0.16	0.59	0.59	0.00		Calculated
70 511-512	3.97	0 12:14	19.86	0.20	3.16	0.52	0.76	0.30	0.00		Calculated
71 512-513	3.97	0 12:14	21.02	0.19	6.71	0.05	0.52	0.29	0.00		Calculated
72 514-515	13.94	0 00:17	20.50	0.68	3.12	0.27	1.82	0.61	0.00		Calculated
73 515-516	13.94	0 00:17	20.56	0.68	3.12	0.26	1.81	0.60	0.00		Calculated
74 516-517	13.94	0 00:17	20.38	0.68	3.10	0.74	1.82	0.61	0.00		Calculated
75 517-518	12.16	0 00:17	23.65	0.51	3.37	0.14	1.53	0.51	0.00		Calculated
76 518-519	11.28	0 00:17	20.43	0.55	2.96	0.21	1.59	0.53	0.00		Calculated
77 519-520	11.28	0 00:17	18.28	0.62	2.72	0.77	1.71	0.57	0.00		Calculated
78 520-521	11.28	0 00:17	18.06	0.62	2.69	0.50	1.72	0.57	0.00		Calculated
79 521-522	6.19	0 00:17	12.74	0.49	2.57	1.82	1.23	0.49	0.00		Calculated
80 521-528	4.01	0 00:18	4.32	0.93	2.77	0.88	1.14	0.76	0.00		Calculated
81 522-531	4.44	0 00:12	5.68	0.78	2.61	0.93	1.16	0.67	0.00		Calculated



## Pipe Results

SN Element ID	Peak Flow	Time of Peak Flow Occurrence	Design Flow Capacity	Peak Flow/ Design Flow Ratio	Peak Flow Velocity	Travel Time	Peak Flow Depth	Peak Flow Depth/ Total Depth Ratio	Total Time Surcharged	Froude Number	Reported Condition
	(cfs)	(days hh:mm)	(cfs)		(ft/sec)	(min)	(ft)		(min)		
82 528-529	2.93	0 00:20	4.81	0.61	2.85	0.16	0.85	0.56	0.00		Calculated
83 529-530	1.18	0 00:18	2.00	0.59	2.65	0.89	0.55	0.55	0.00		Calculated
84 531-532	2.74	0 00:17	4.30	0.64	2.58	0.18	0.87	0.58	0.00		Calculated
85 532-533	0.70	0 00:17	2.04	0.34	1.50	1.57	0.50	0.40	0.00		Calculated
86 538-539	66.98	0 00:17	73.75	0.91	4.25	0.63	3.74	0.75	0.00		Calculated
87 538-Lake4	66.98	0 00:17	74.03	0.90	4.27	0.28	3.73	0.75	0.00		Calculated
88 539-540	66.18	0 00:17	75.24	0.88	4.32	0.11	3.64	0.73	0.00		Calculated
89 540-541	65.45	0 00:17	72.58	0.90	4.18	0.54	3.72	0.74	0.00		Calculated
90 541-542	12.01	0 00:16	17.10	0.70	3.77	0.95	1.55	0.62	0.00		Calculated
91 541-549	50.04	0 00:17	51.32	0.97	3.68	1.01	3.59	0.80	0.00		Calculated
92 541-556	3.01	0 00:15	4.02	0.75	2.50	0.91	0.97	0.65	0.00		Calculated
93 542-543	6.70	0 00:16	10.08	0.67	3.43	0.66	1.19	0.60	0.00		Calculated
94 542-559	3.12	0 00:14	3.16	0.99	4.58	0.49	0.81	0.81	0.00		Calculated
95 542-561	1.38	0 00:08	3.30	0.42	4.01	1.05	0.45	0.45	0.00		Calculated
96 543-544	4.93	0 00:15	8.33	0.59	4.91	0.10	0.83	0.55	0.00		Calculated
97 544-545	3.15	0 00:16	6.69	0.47	3.73	0.61	0.72	0.48	0.00		Calculated
98 545-546	3.15	0 00:16	8.63	0.36	4.50	0.14	0.63	0.42	0.00		Calculated
99 546-547	1.66	0 00:17	3.47	0.48	4.37	0.85	0.49	0.49	0.00		Calculated
100 547-548	1.27	0 00:17	2.42	0.53	3.12	0.15	0.52	0.52	0.00		Calculated
101 549-550	7.99	0 00:17	11.40	0.70	5.13	0.44	1.08	0.62	0.00		Calculated
102 549-565	2.59	0 00:18	6.22	0.42	7.56	0.30	0.45	0.45	0.00		Calculated
103 549-567	38.40	0 00:17	40.02	0.96	3.62	0.70	3.14	0.79	0.00		Calculated
104 550-551	6.99	0 00:15	7.45	0.94	4.79	0.10	1.15	0.77	0.00		Calculated
105 551-552	6.06	0 00:15	6.25	0.97	4.03	0.56	1.19	0.79	0.00		Calculated
106 552-553	3.80	0 01:02	3.99	0.95	3.70	0.28	0.97	0.78	0.00		Calculated
107 552-570	1.35	0 00:17	4.48	0.30	4.99	0.58	0.38	0.38	0.00		Calculated
108 553-553A	3.80	0 01:02	4.73	0.80	6.69	0.02	0.68	0.68	0.00		Calculated
109 556-557	2.10	0 00:15	2.42	0.87	3.47	0.13	0.72	0.72	0.00		Calculated
110 557-558	1.23	0 00:15	2.63	0.47	3.29	0.69	0.48	0.48	0.00		Calculated
111 559-560	1.53	0 00:17	2.73	0.56	3.57	0.13	0.54	0.54	0.00		Calculated
112 561-562	1.32	0 00:18	2.73	0.48	3.45	0.14	0.49	0.49	0.00		Calculated
113 565-566	1.37	0 00:18	2.19	0.63	2.94	0.16	0.57	0.57	0.00		Calculated
114 567-568	38.40	0 00:17	38.51	1.00	3.49	0.16	3.27	0.82	0.00		Calculated
115 568-569	38.02	0 00:17	41.59	0.91	3.75	0.12	3.01	0.75	0.00		Calculated
116 569-501	36.76	0 00:17	37.19	0.99	4.41	0.55	2.83	0.81	0.00		Calculated
117 570-571	0.98	0 00:17	2.73	0.36	3.19	0.15	0.41	0.41	0.00		Calculated
118 643-644	3.78	0 00:17	8.92	0.42	2.72	0.65	0.91	0.45	0.00		Calculated
119 644-491	3.78	0 00:17	8.46	0.45	2.62	0.96	0.94	0.47	0.00		Calculated
120 645-646	3.32	0 00:14	4.34	0.76	3.89	0.22	0.82	0.65	0.00		Calculated
121 646-481	3.32	0 00:14	4.42	0.75	3.95	0.64	0.81	0.65	0.00		Calculated

Storage Nodes

Storage Node : 315A

Input Data

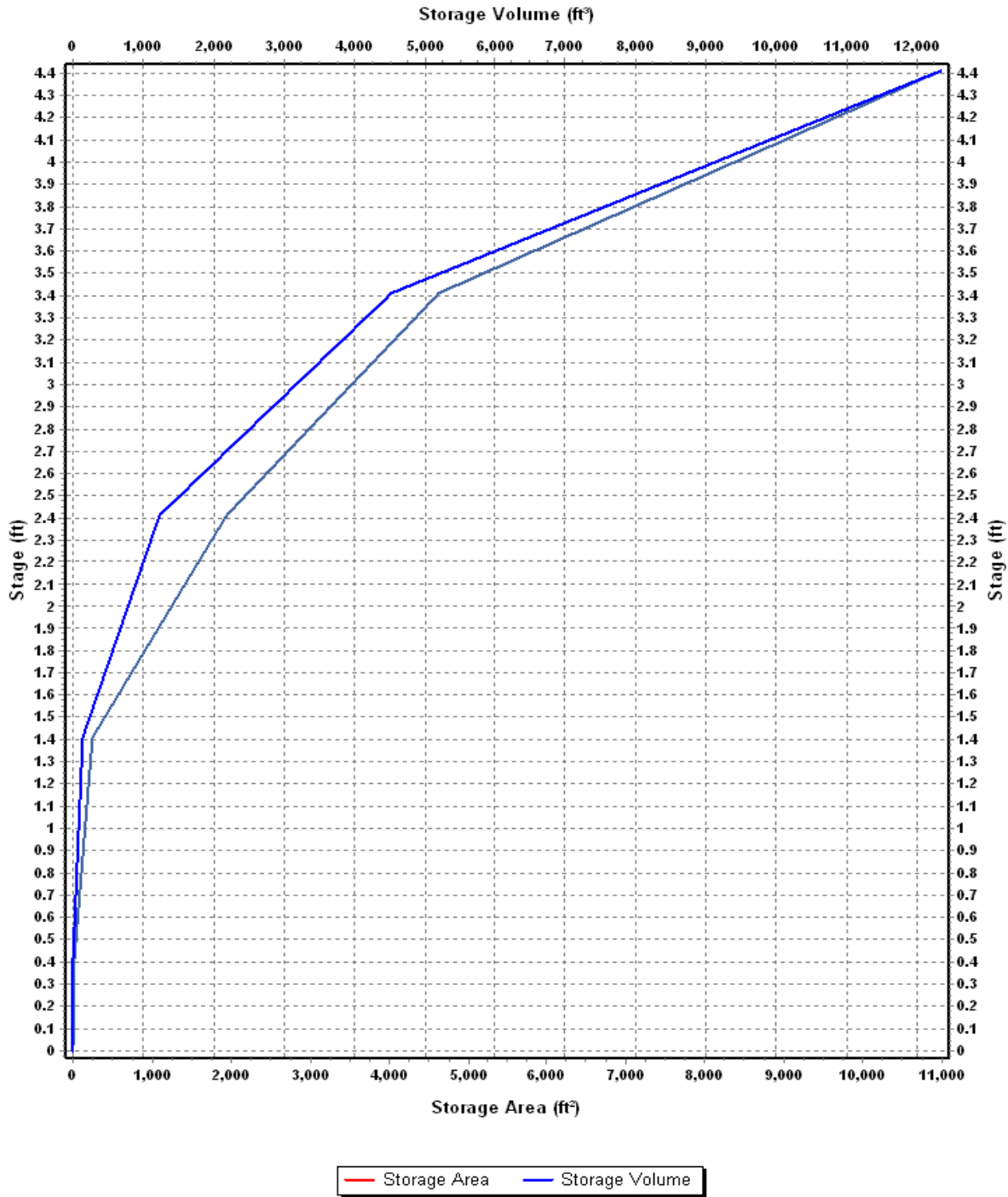
Invert Elevation (ft)	731.59
Max (Rim) Elevation (ft)	736.00
Max (Rim) Offset (ft)	4.41
Initial Water Elevation (ft)	731.59
Initial Water Depth (ft)	0.00
Ponded Area (ft²)	0.00
Evaporation Loss	0.00

Storage Area Volume Curves

Storage Curve : EX\_315A SC

Stage	Storage Area	Storage Volume
(ft)	(ft²)	(ft³)
0	0	0.000
0.41	15.87	3.25
1.41	252.29	137.33
2.41	1953.17	1240.06
3.41	4628.71	4531.00
4.41	10988.71	12339.71

### Storage Area Volume Curves



**Storage Node : 315A (continued)**

**Output Summary Results**

Peak Inflow (cfs) .....	1.48
Peak Lateral Inflow (cfs) .....	1.48
Peak Outflow (cfs) .....	1.48
Peak Exfiltration Flow Rate (cfm) .....	0.00
Max HGL Elevation Attained (ft) .....	731.86
Max HGL Depth Attained (ft) .....	0.27
Average HGL Elevation Attained (ft) .....	731.59
Average HGL Depth Attained (ft) .....	0
Time of Max HGL Occurrence (days hh:mm) .....	0 00:15
Total Exfiltration Volume (1000-ft³) .....	0.000
Total Flooded Volume (ac-in) .....	0
Total Time Flooded (min) .....	0
Total Retention Time (sec) .....	0.00

## Storage Node : 553A

### Input Data

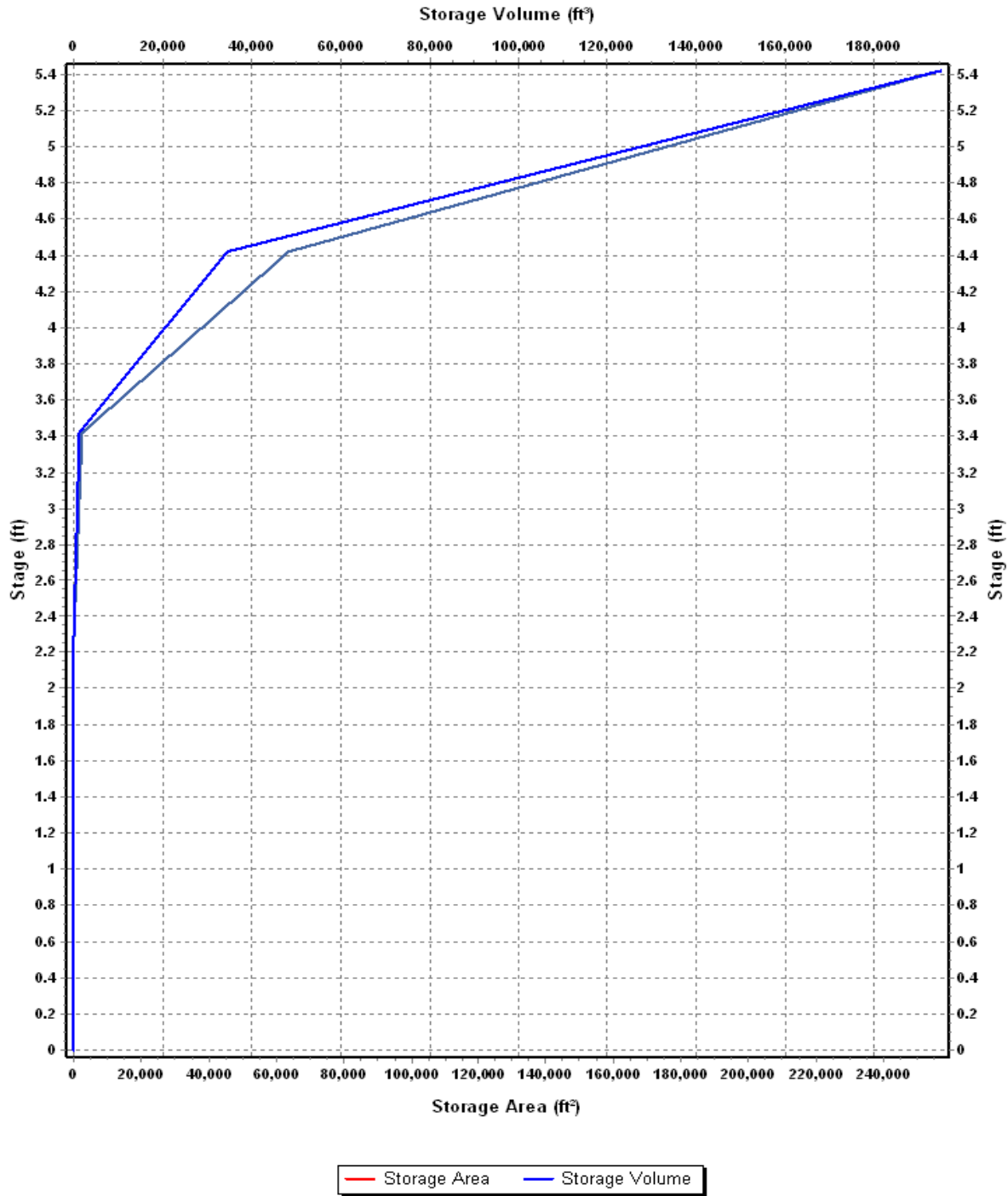
Invert Elevation (ft) .....	731.68
Max (Rim) Elevation (ft) .....	737.00
Max (Rim) Offset (ft) .....	5.32
Initial Water Elevation (ft) .....	731.68
Initial Water Depth (ft) .....	0.00
Ponded Area (ft <sup>2</sup> ) .....	0.00
Evaporation Loss .....	0.00

### Storage Area Volume Curves

Storage Curve : STR-553-SC

Stage (ft)	Storage Area (ft <sup>2</sup> )	Storage Volume (ft <sup>3</sup> )
0	7.09	0.000
2.27	7.09	16.09
3.42	2333.28	1361.80
4.42	63927.56	34492.22
5.42	256985.69	194948.85

### Storage Area Volume Curves



## Storage Node : 553A (continued)

### Outflow Orifices

SN	Element ID	Orifice Type	Orifice Shape	Flap Gate	Circular Orifice Diameter (in)	Rectangular Orifice Height (in)	Rectangular Orifice Width (in)	Orifice Invert Elevation (ft)	Orifice Coefficient
1	553AOrifice	Side	CIRCULAR	No	8.00			731.68	0.61

### Output Summary Results

Peak Inflow (cfs) .....	82.09
Peak Lateral Inflow (cfs) .....	82.09
Peak Outflow (cfs) .....	3.80
Peak Exfiltration Flow Rate (cfm) .....	0.00
Max HGL Elevation Attained (ft) .....	736.89
Max HGL Depth Attained (ft) .....	5.21
Average HGL Elevation Attained (ft) .....	734.06
Average HGL Depth Attained (ft) .....	2.38
Time of Max HGL Occurrence (days hh:mm) .....	0 01:02
Total Exfiltration Volume (1000-ft³) .....	0.000
Total Flooded Volume (ac-in) .....	0
Total Time Flooded (min) .....	0
Total Retention Time (sec) .....	0.00

Storage Node : Lake2

Input Data

Invert Elevation (ft)	735.00
Max (Rim) Elevation (ft)	741.00
Max (Rim) Offset (ft)	6.00
Initial Water Elevation (ft)	735.00
Initial Water Depth (ft)	0.00
Ponded Area (ft²)	0.00
Evaporation Loss	0.00

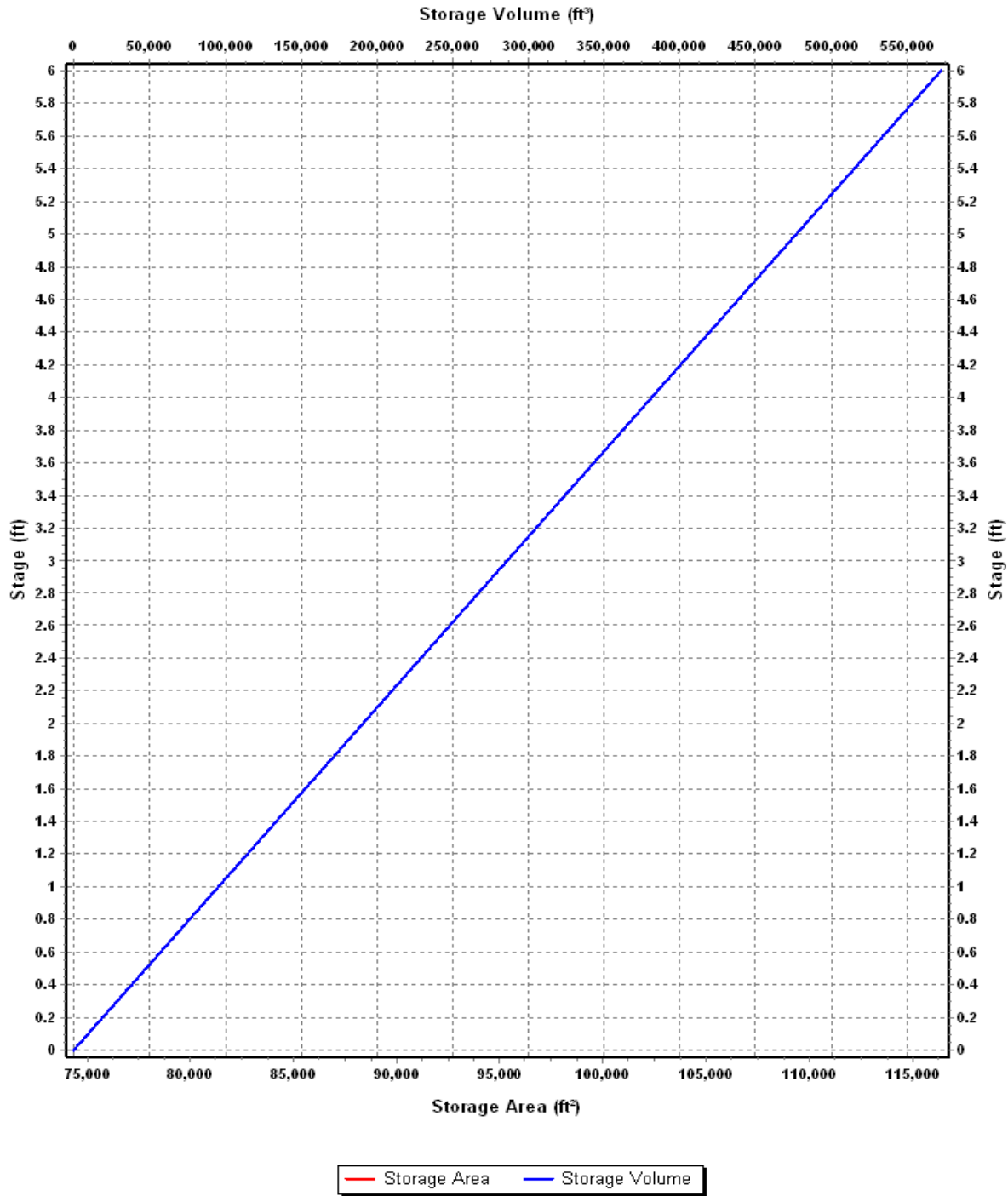
Storage Area Volume Curves

Storage Curve : Lake2SC

Stage	Storage Area	Storage Volume
(ft)	(ft²)	(ft³)
0	74351.9697	0.000
6	116382.71	572204.04



### Storage Area Volume Curves



## Storage Node : Lake2 (continued)

### Output Summary Results

Peak Inflow (cfs) .....	21.82
Peak Lateral Inflow (cfs) .....	8.25
Peak Outflow (cfs) .....	0.00
Peak Exfiltration Flow Rate (cfm) .....	0.00
Max HGL Elevation Attained (ft) .....	735.29
Max HGL Depth Attained (ft) .....	0.29
Average HGL Elevation Attained (ft) .....	735.28
Average HGL Depth Attained (ft) .....	0.28
Time of Max HGL Occurrence (days hh:mm) .....	0 00:42
Total Exfiltration Volume (1000-ft³) .....	0.000
Total Flooded Volume (ac-in) .....	0
Total Time Flooded (min) .....	0
Total Retention Time (sec) .....	0.00

## Storage Node : Lake4

### Input Data

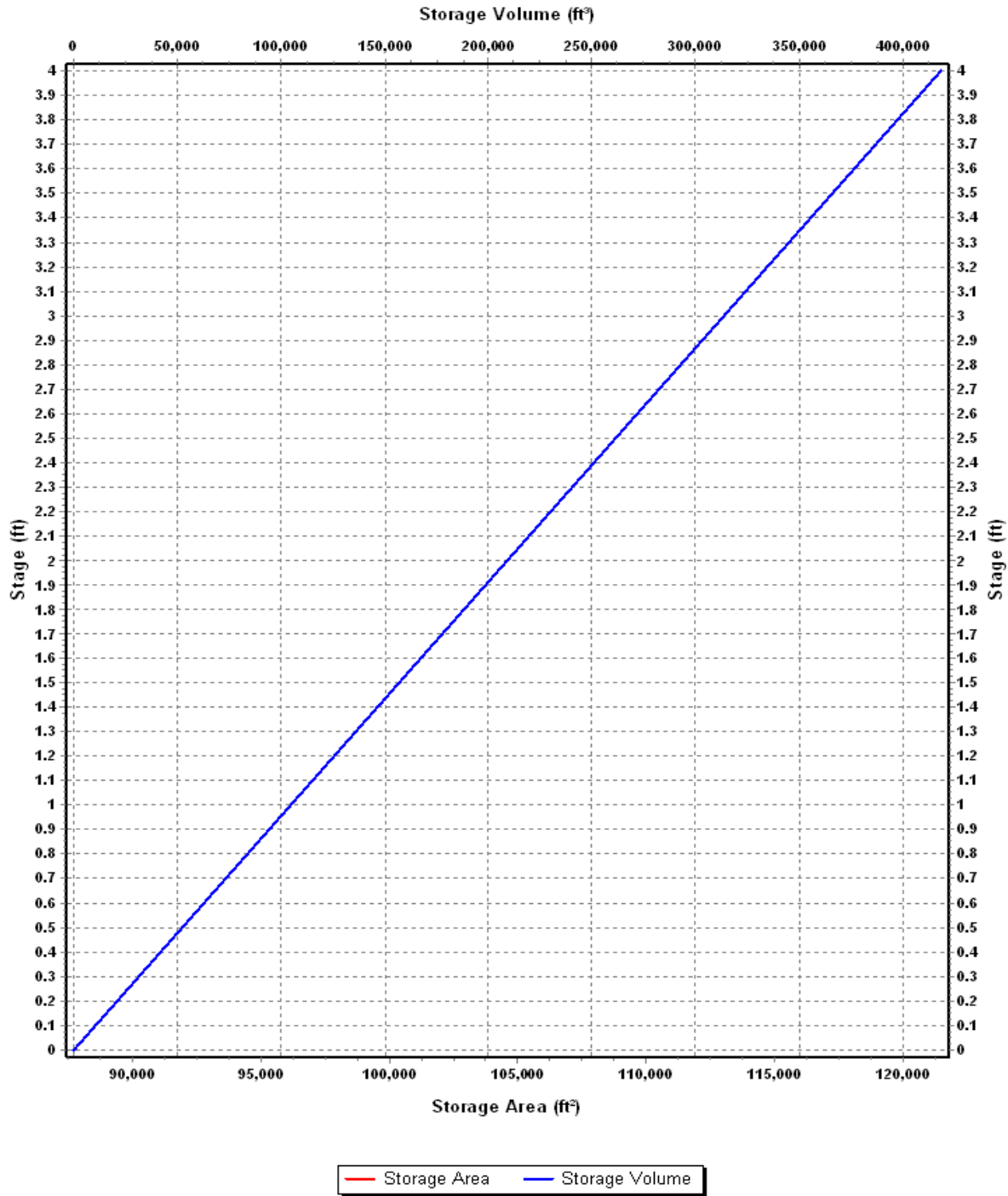
Invert Elevation (ft) .....	729.00
Max (Rim) Elevation (ft) .....	733.00
Max (Rim) Offset (ft) .....	4.00
Initial Water Elevation (ft) .....	729.00
Initial Water Depth (ft) .....	0.00
Ponded Area (ft <sup>2</sup> ) .....	0.00
Evaporation Loss .....	0.00

### Storage Area Volume Curves

Storage Curve : Lake4SC

Stage (ft)	Storage Area (ft <sup>2</sup> )	Storage Volume (ft <sup>3</sup> )
0	87690.6128	0.000
4	121488.0054	418357.24

### Storage Area Volume Curves



**Storage Node : Lake4 (continued)**

**Output Summary Results**

Peak Inflow (cfs) .....	80.87
Peak Lateral Inflow (cfs) .....	0.00
Peak Outflow (cfs) .....	3.97
Peak Exfiltration Flow Rate (cfm) .....	0.00
Max HGL Elevation Attained (ft) .....	730.59
Max HGL Depth Attained (ft) .....	1.59
Average HGL Elevation Attained (ft) .....	730.25
Average HGL Depth Attained (ft) .....	1.25
Time of Max HGL Occurrence (days hh:mm) .....	0 12:14
Total Exfiltration Volume (1000-ft³) .....	0.000
Total Flooded Volume (ac-in) .....	0
Total Time Flooded (min) .....	0
Total Retention Time (sec) .....	0.00

## Storage Node : PondA

### Input Data

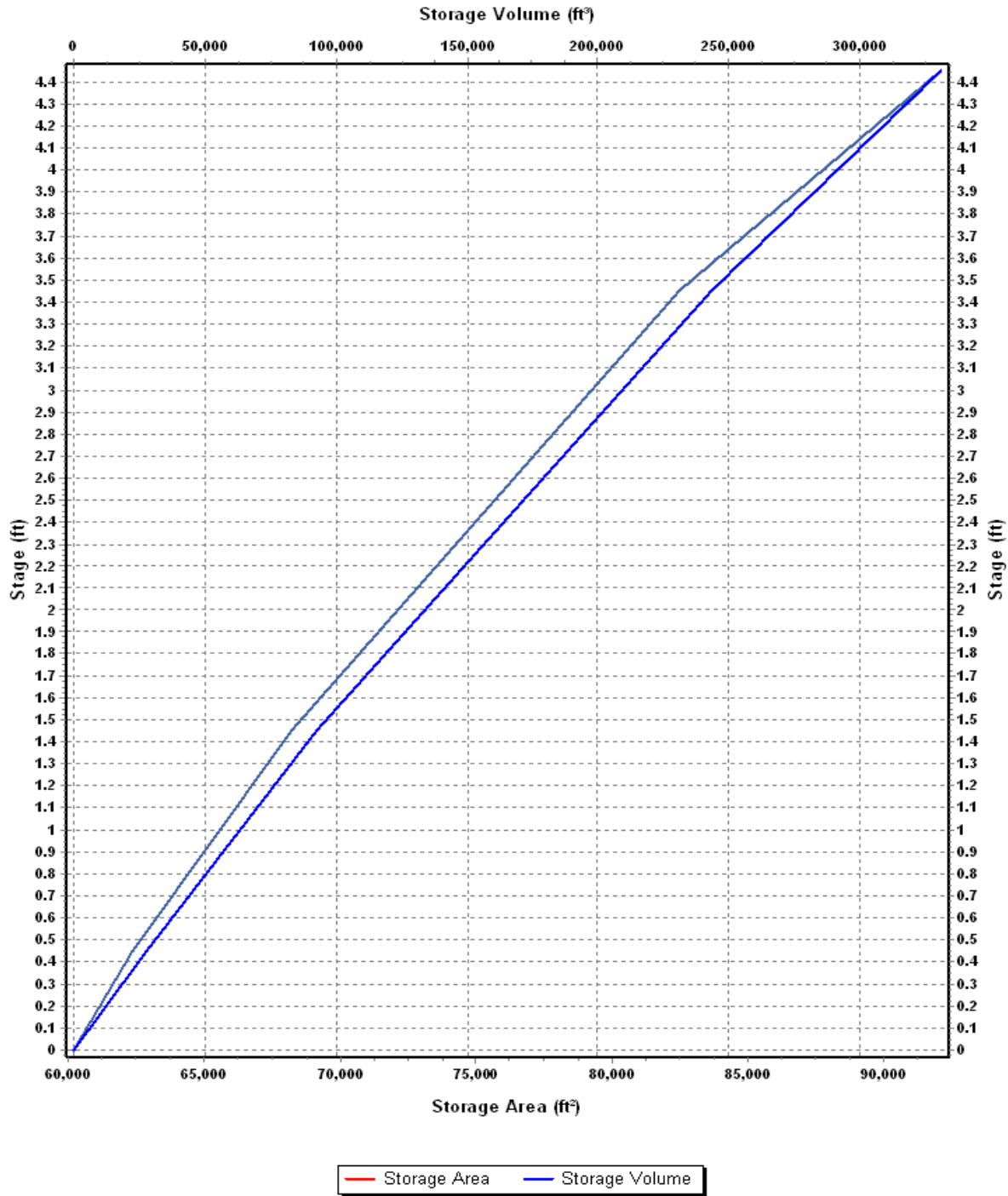
Invert Elevation (ft) .....	734.55
Max (Rim) Elevation (ft) .....	739.00
Max (Rim) Offset (ft) .....	4.45
Initial Water Elevation (ft) .....	734.55
Initial Water Depth (ft) .....	0.00
Ponded Area (ft <sup>2</sup> ) .....	0.00
Evaporation Loss .....	0.00

### Storage Area Volume Curves

Storage Curve : Pond A SC

Stage (ft)	Storage Area (ft <sup>2</sup> )	Storage Volume (ft <sup>3</sup> )
0	60199.92	0.000
0.45	62334.36	27570.21
1.45	68214.96	92844.87
3.45	82505.64	243565.47
4.45	92085.84	330861.21

### Storage Area Volume Curves



**Storage Node : PondA (continued)**

**Output Summary Results**

Peak Inflow (cfs) .....	44.18
Peak Lateral Inflow (cfs) .....	44.18
Peak Outflow (cfs) .....	0.67
Peak Exfiltration Flow Rate (cfm) .....	0.00
Max HGL Elevation Attained (ft) .....	735.39
Max HGL Depth Attained (ft) .....	0.84
Average HGL Elevation Attained (ft) .....	735.08
Average HGL Depth Attained (ft) .....	0.53
Time of Max HGL Occurrence (days hh:mm) .....	0 00:39
Total Exfiltration Volume (1000-ft³) .....	0.000
Total Flooded Volume (ac-in) .....	0
Total Time Flooded (min) .....	0
Total Retention Time (sec) .....	0.00



# Bluffs at Youngs Creek Section 4

Job #83540

## Curb Inlet Capacities

Castings are depressed: 0.10'

Weir Equation:  $Q_i = 3.0 P(d_w)^{1.5}$

Orifice Equation:  $Q_i = 4.89 A_i (d_o)^{0.5}$

Neenah Inlet Type: R-3501-TL or TR

Section 3	Section 4	Remainder
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50% Clogged	Perimeter	Area
Unclogged	3.45	0.70
	4.60	1.40

Street Width: 30 ft

Min. Clear Lane Width: 12 ft  
(Clear Lane Width formula subtracts 2 ft for curbing)

\*Note: Perimeter loss due to 50% clog is only 25% reduced length.

Inlet (#)	Rational Flow (cfs)	Contributing Bypass Basins (#)	Bypass Flow (cfs)	Total Flow (cfs)	Grate Perimeter (ft)	Grate Area (ft <sup>2</sup> )	Depth at Casting (Weir) (ft)	Depth at Casting (Orifice) (ft)	Cross-Sectional Slope (%)	Gutter Spread (Weir) (ft)	Gutter Spread (Orifice) (ft)	Clear Lane Width (ft)	Inlet Type
450	1.23			1.23	3.45	0.7	0.24	0.13	2.54%	5.57	1.12	16.6	Single
451	1.56	455	1.00	2.56	6.9	1.4	0.25	0.14	2.54%	5.84	1.58		Double
455	2.87			2.87	6.9	1.4	0.27	0.18	2.54%	6.61	2.97		Double
456	1.29			1.29	3.45	0.7	0.25	0.14	2.54%	5.88	1.65		Single
463	2.23			2.23	6.9	1.4	0.23	0.11	2.54%	4.97	0.23		Double
464	1.72			1.72	6.9	1.4	0.19	0.06	2.54%	3.56	0.00		Double
466	1.12			1.12	3.45	0.7	0.23	0.11	2.54%	5.01	0.29		Single
467	0.84			0.84	3.45	0.7	0.19	0.06	2.54%	3.44	0.00		Single
472	1.53			1.53	3.45	0.7	0.28	0.20	2.54%	7.05	3.88		Single
473	1.45			1.45	3.45	0.7	0.27	0.18	2.54%	6.68	3.12		Single
475	1.46			1.46	3.45	0.7	0.27	0.18	2.54%	6.75	3.26		Single
476	1.68			1.68	3.45	0.7	0.30	0.24	2.54%	7.76	5.50		Single
477	0.35			0.35	3.45	0.7	0.10	0.01	2.54%	0.16	0.00		Single
478	0.12			0.12	3.45	0.7	0.05	0.00	2.54%	0.00	0.00		Single
480	1.93			1.93	6.9	1.4	0.21	0.08	2.54%	4.16	0.00		Double
481	1.59			1.59	3.45	0.7	0.29	0.21	2.54%	7.34	4.51		Single
484	0.72			0.72	3.45	0.7	0.17	0.04	2.54%	2.71	0.00		Single
485	1.24			1.24	3.45	0.7	0.24	0.13	2.54%	5.65	1.26		Single
487	0.88			0.88	3.45	0.7	0.19	0.07	2.54%	3.70	0.00		Single
488	1.29			1.29	3.45	0.7	0.25	0.14	2.54%	5.91	1.69		Single
490	0.43			0.43	3.45	0.7	0.12	0.02	2.54%	0.76	0.00		Single
491	0.72			0.72	3.45	0.7	0.17	0.04	2.54%	2.72	0.00		Single
492	1.54			1.54	3.45	0.7	0.28	0.20	2.54%	7.12	4.03		Single
493	1.63			1.63	3.45	0.7	0.29	0.23	2.54%	7.53	4.94		Single
494	1.43			1.43	3.45	0.7	0.27	0.17	2.54%	6.59	2.95		Single
495	0.84			0.84	3.45	0.7	0.19	0.06	2.54%	3.43	0.00		Single
496	1.51			1.51	3.45	0.7	0.28	0.20	2.54%	6.99	3.76		Single
497	1.85			1.85	6.9	1.4	0.20	0.07	2.54%	3.94	0.00		Double
498	0.43	478	0.00	0.43	3.45	0.7	0.12	0.02	2.54%	0.76	0.00		Single
499	0.32	477	0.02	0.34	3.45	0.7	0.10	0.01	2.54%	0.07	0.00		Single
503	1.58			1.58	3.45	0.7	0.29	0.21	2.54%	7.30	4.43		Single
504	1.44			1.44	3.45	0.7	0.27	0.18	2.54%	6.65	3.05		Single
507	1.56			1.56	3.45	0.7	0.28	0.21	2.54%	7.19	4.19		Single
508	1.81			1.81	6.9	1.4	0.20	0.07	2.54%	3.82	0.00		Double
509	0.66			0.66	3.45	0.7	0.16	0.04	2.54%	2.32	0.00		Single
510	1.44			1.44	3.45	0.7	0.27	0.18	2.54%	6.65	3.05		Single
517	1.80			1.80	3.45	0.7	0.31	0.28	2.54%	8.32	6.92		Single
518	1.00			1.00	3.45	0.7	0.21	0.09	2.54%	4.38	0.00		Single
524	0.96			0.96	3.45	0.7	0.21	0.08	2.54%	4.14	0.00	16.3	Single

Inlet	Rational Flow	Contributing Bypass Basins	Bypass Flow	Total Flow	Gate Perimeter	Gate Area	Depth at Casing (Weir)	Depth at Casing (Office)	Cross-Sectional Slope	Gutter Spread (Weir)	Gutter Spread (Office)	Clear Lane Width	Inlet Type
(#)	(cfs)	(#)	(cfs)	(cfs)	(ft)	(ft²)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	
525	1.63			1.63	3.45	0.7	0.29	0.23	2.54%	7.55	5.00	12.0	Single
528	1.60			1.60	3.45	0.7	0.29	0.22	2.54%	7.42	4.70	12.0	Single
529	1.86			1.86	3.45	0.7	0.32	0.30	2.54%	8.62	7.74	12.0	Single
531	2.46			2.46	6.9	1.4	0.24	0.13	2.54%	5.59	1.16	17.9	Double
532	2.07			2.07	6.9	1.4	0.22	0.09	2.54%	4.54	0.00	17.9	Double
535	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.29	0.00	25.1	Single
536	0.70			0.70	3.45	0.7	0.17	0.04	2.54%	2.61	0.00	25.1	Single
539	0.80			0.80	3.45	0.7	0.18	0.05	2.54%	3.21	0.00	21.8	Single
540	0.76			0.76	3.45	0.7	0.17	0.05	2.54%	2.95	0.00	21.8	Single
543	1.78			1.78	3.45	0.7	0.31	0.27	2.54%	8.24	6.71	15.9	Single
544	1.84			1.84	6.9	1.4	0.20	0.07	2.54%	3.90	0.00	15.9	Double
547	0.69			0.69	3.45	0.7	0.16	0.04	2.54%	2.51	0.00	19.7	Single
548	1.27			1.27	3.45	0.7	0.25	0.14	2.54%	5.80	1.51	19.7	Single
550	1.06			1.06	3.45	0.7	0.22	0.10	2.54%	4.70	0.00	18.6	Single
551	1.06			1.06	3.45	0.7	0.22	0.10	2.54%	4.70	0.00	18.6	Single
554	1.92			1.92	6.9	1.4	0.21	0.08	2.54%	4.14	0.00	19.7	Double
555	1.94			1.94	6.9	1.4	0.21	0.08	2.54%	4.19	0.00	19.7	Double
556	1.17			1.17	3.45	0.7	0.23	0.12	2.54%	5.29	0.69	18.3	Single
557	1.01			1.01	3.45	0.7	0.21	0.09	2.54%	4.42	0.00	18.3	Single
559	1.89			1.89	3.45	0.7	0.32	0.31	2.54%	8.74	8.08	12.2	Single
560	1.53			1.53	3.45	0.7	0.28	0.20	2.54%	7.08	3.94	12.2	Single
561	0.81			0.81	3.45	0.7	0.18	0.06	2.54%	3.29	0.00	18.7	Single
562	1.32			1.32	3.45	0.7	0.25	0.15	2.54%	6.05	1.93	18.7	Single
563	1.91			1.91	6.9	1.4	0.20	0.08	2.54%	4.09	0.00	19.9	Double
564	1.88			1.88	6.9	1.4	0.20	0.08	2.54%	4.01	0.00	19.9	Double
565	1.25			1.25	3.45	0.7	0.24	0.13	2.54%	5.70	1.33	16.0	Single
566	1.37			1.37	3.45	0.7	0.26	0.16	2.54%	6.31	2.41	16.0	Single
568	0.66			0.66	3.45	0.7	0.16	0.04	2.54%	2.34	0.00	19.7	Single
569	1.30			1.30	3.45	0.7	0.25	0.14	2.54%	5.94	1.73	19.7	Single
570	0.67			0.67	3.45	0.7	0.16	0.04	2.54%	2.42	0.00	21.3	Single
571	0.98			0.98	3.45	0.7	0.21	0.08	2.54%	4.25	0.00	21.3	Single
575	0.60			0.60	3.45	0.7	0.15	0.03	2.54%	1.94	0.00	24.1	Single
576	0.60			0.60	3.45	0.7	0.15	0.03	2.54%	1.94	0.00	24.1	Single
581	1.29			1.29	3.45	0.7	0.25	0.14	2.54%	5.91	1.68	14.7	Single
582	1.59			1.59	3.45	0.7	0.29	0.21	2.54%	7.35	4.53	14.7	Single
584	1.95			1.95	6.9	1.4	0.21	0.08	2.54%	4.21	0.00	19.6	Double
585	1.95			1.95	6.9	1.4	0.21	0.08	2.54%	4.21	0.00	19.6	Double
588	1.96			1.96	6.9	1.4	0.21	0.08	2.54%	4.24	0.00	19.3	Double
589	2.05			2.05	6.9	1.4	0.21	0.09	2.54%	4.49	0.00	19.3	Double
593	1.41			1.41	3.45	0.7	0.27	0.17	2.54%	6.51	2.77	19.1	Single
594	0.66			0.66	3.45	0.7	0.16	0.04	2.54%	2.36	0.00	19.1	Single
595	0.79			0.79	3.45	0.7	0.18	0.05	2.54%	3.14	0.00	21.3	Single
596	1.72			1.72	6.9	1.4	0.19	0.06	2.54%	3.55	0.00	21.3	Double
597	0.55			0.55	3.45	0.7	0.14	0.03	2.54%	1.64	0.00	20.3	Single
598	1.33			1.33	3.45	0.7	0.26	0.15	2.54%	6.11	2.03	20.3	Single
599	0.55			0.55	3.45	0.7	0.14	0.03	2.54%	1.64	0.00	20.4	Single
600	1.30			1.30	3.45	0.7	0.25	0.14	2.54%	5.95	1.76	20.4	Single
601	0.63			0.63	3.45	0.7	0.16	0.03	2.54%	2.18	0.00	20.1	Single
602	1.27			1.27	3.45	0.7	0.25	0.14	2.54%	5.76	1.44	20.1	Single
603	0.71			0.71	3.45	0.7	0.17	0.04	2.54%	2.69	0.00	19.0	Single
604	1.37			1.37	3.45	0.7	0.26	0.16	2.54%	6.27	2.33	19.0	Single
605	1.93			1.93	6.9	1.4	0.21	0.08	2.54%	4.17	0.00	19.4	Double
606	2.02			2.02	6.9	1.4	0.21	0.09	2.54%	4.41	0.00	19.4	Double

Inlet	Rational Flow	Contributing Bypass Basins	Bypass Flow	Total Flow	Gate Perimeter	Gate Area	Depth at Casting (Weir)	Depth at Casting (Orifice)	Cross-Sectional Slope	Gutter Spread (Weir)	Gutter Spread (Orifice)	Clear Lane Width	Inlet Type
(#)	(cfs)	(#)	(cfs)	(cfs)	(ft)	(ft²)	(ft)	(ft)	(%)	(ft)	(ft)	(ft)	
607	1.47			1.47	3.45	0.7	0.27	0.18	2.54%	6.77	3.31	17.7	Single
608	1.70			1.70	6.9	1.4	0.19	0.06	2.54%	3.52	0.00		Double
611	2.24			2.24	6.9	1.4	0.23	0.11	2.54%	5.00	0.27		Double
612	2.14			2.14	6.9	1.4	0.22	0.10	2.54%	4.74	0.00	18.3	Double
618	2.37			2.37	6.9	1.4	0.24	0.12	2.54%	5.35	0.78		Double
619	2.49			2.49	6.9	1.4	0.24	0.13	2.54%	5.67	1.28	17.0	Double
621	0.73			0.73	3.45	0.7	0.17	0.05	2.54%	2.81	0.00		Single
622	1.06			1.06	3.45	0.7	0.22	0.10	2.54%	4.70	0.00	20.5	Single
624	2.45			2.45	6.9	1.4	0.24	0.13	2.54%	5.56	1.11		Double
625	2.31			2.31	6.9	1.4	0.23	0.11	2.54%	5.18	0.00	17.3	Double
627	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.27	0.00		Single
628	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.24	0.00	27.5	Single
630	0.54			0.54	3.45	0.7	0.14	0.03	2.54%	1.59	0.00		Single
631	1.24			1.24	3.45	0.7	0.24	0.13	2.54%	5.63	1.22	20.8	Single
634	0.70			0.70	3.45	0.7	0.17	0.04	2.54%	2.59	0.00	24.8	Single
635	0.40			0.40	3.45	0.7	0.11	0.01	2.54%	0.59	0.00		Single
637	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.26	0.00	24.8	Single
638	0.76			0.76	3.45	0.7	0.18	0.05	2.54%	2.99	0.00		Single
EX-314	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.26	0.00		Single
EX-315	0.36			0.36	3.45	0.7	0.11	0.01	2.54%	0.26	0.00	27.5	Single
EX-318	4.35	456	0.25	4.60	10.35	2.1	0.28	0.20	2.54%	7.09	3.97		Triple
EX-319	3.64			3.64	10.35	2.1	0.24	0.13	2.54%	5.50	1.01	15.4	Triple

# Bluffs at Youngs Creek Section 4

## Gutter Spread Calculations

Job #83540

Castings are depressed: 0.10'

$$T = \frac{d}{S_T}$$

Street Width: 30 ft  
Minimum Clear Lane Width: 10 ft

(Clear Lane Width formula subtracts 2 ft for curbing)

$$d = \left[ 1.49 Q_s n \frac{S_T}{S_L^{1/2}} \right]^{3/8}$$

Section 3	Section 4	Remainder
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Inlet	Total Flow (Rational + Bypass)	Flow Direction	% of Flow	Divided Rational Flow	Longitudinal Slope	Cross-Sectional Slope	Manning's Coefficient	Depth at Casting	Gutter Spread	Clear Lane Width
(#)	(cfs)		(%)	(cfs)	(%)	(%)		(ft)	(ft)	(ft)
450	1.23	Left	50%	0.61	3.00%	2.54%	0.013	0.10	3.90	17.4439989
		Right	50%	0.61	0.50%	2.54%	0.013	0.14	5.45	
451	2.56	Left	0%	0.00	0.50%	2.54%	0.013	0.00	0.00	15.0697673
		Right	100%	2.56	3.00%	2.54%	0.013	0.17	6.66	
455	2.87	Left	0%	0.00	2.10%	2.54%	0.013	0.00	0.00	14.4882647
		Right	100%	2.87	2.10%	2.54%	0.013	0.19	7.43	
456	1.29	Left	100%	1.29	2.10%	2.54%	0.013	0.14	5.50	17.0383098
		Right	0%	0.00	2.10%	2.54%	0.013	0.00	0.00	
463	2.23	Left	30%	0.67	1.20%	2.54%	0.013	0.12	4.78	15.558476
		Right	70%	1.56	0.80%	2.54%	0.013	0.18	7.08	
464	1.72	Left	70%	1.20	0.80%	2.54%	0.013	0.16	6.43	16.4191552
		Right	30%	0.52	1.20%	2.54%	0.013	0.11	4.34	
466	1.12	Left	30%	0.34	0.60%	2.54%	0.013	0.11	4.21	21.3794516
		Right	70%	0.78	0.60%	2.54%	0.013	0.15	5.78	
467	0.84	Left	70%	0.59	0.60%	2.54%	0.013	0.13	5.18	16.995602
		Right	30%	0.25	0.60%	2.54%	0.013	0.10	3.77	
472	1.53	Left	20%	0.31	0.60%	2.54%	0.013	0.10	4.05	16.5024453
		Right	80%	1.22	0.93%	2.54%	0.013	0.16	6.28	
473	1.45	Left	80%	1.16	0.93%	2.54%	0.013	0.16	6.16	17.805773
		Right	20%	0.29	0.60%	2.54%	0.013	0.10	3.98	
475	1.46	Left	35%	0.51	1.20%	2.54%	0.013	0.11	4.32	16.4082344
		Right	65%	0.95	1.00%	2.54%	0.013	0.14	5.64	
476	1.68	Left	65%	1.09	1.00%	2.54%	0.013	0.15	5.94	17.805773
		Right	35%	0.59	1.20%	2.54%	0.013	0.12	4.55	
477	0.35	Left	100%	0.35	0.85%	2.54%	0.013	0.10	3.99	15.9546438
		Right	0%	0.00	0.85%	2.54%	0.013	0.00	0.00	
478	0.12	Left	0%	0.00	0.85%	2.54%	0.013	0.00	0.00	16.995602
		Right	100%	0.12	0.85%	2.54%	0.013	0.07	2.63	
480	1.93	Left	50%	0.97	0.60%	2.54%	0.013	0.16	6.25	16.5024453
		Right	50%	0.97	2.00%	2.54%	0.013	0.13	4.98	
481	1.59	Left	50%	0.79	2.00%	2.54%	0.013	0.12	4.63	16.995602
		Right	50%	0.79	0.60%	2.54%	0.013	0.15	5.80	
484	0.72	Left	50%	0.36	0.29%	2.54%	0.013	0.13	4.94	16.5024453
		Right	50%	0.36	0.60%	2.54%	0.013	0.11	4.31	
485	1.24	Left	50%	0.62	0.60%	2.54%	0.013	0.13	5.29	17.805773
		Right	50%	0.62	0.29%	2.54%	0.013	0.15	6.07	
487	0.88	Left	50%	0.44	0.60%	2.54%	0.013	0.12	4.66	16.4082344
		Right	50%	0.44	0.29%	2.54%	0.013	0.14	5.34	
488	1.29	Left	50%	0.65	0.29%	2.54%	0.013	0.16	6.16	17.805773
		Right	50%	0.65	0.60%	2.54%	0.013	0.14	5.37	
490	0.43	Left	100%	0.43	0.60%	2.54%	0.013	0.12	4.60	16.4082344
		Right	0%	0.00	0.60%	2.54%	0.013	0.00	0.00	
491	0.72	Left	0%	0.00	0.60%	2.54%	0.013	0.00	0.00	16.4082344
		Right	100%	0.72	0.60%	2.54%	0.013	0.14	5.59	
492	1.54	Left	50%	0.77	1.34%	2.54%	0.013	0.13	4.94	16.4082344
		Right	50%	0.77	0.60%	2.54%	0.013	0.15	5.74	
493	1.63	Left	50%	0.81	0.60%	2.54%	0.013	0.15	5.85	16.4082344
		Right	50%	0.81	1.34%	2.54%	0.013	0.13	5.04	

Inlet	Total Flow (Rational + Bypass)	Flow Direction	% of Flow	Divided Rational Flow	Longitudinal Slope	Cross-Sectional Slope	Manning's Coefficient	Depth at Casting	Gutter Spread	Clear Lane Width
(#)	(cfs)		(%)	(cfs)	(%)	(%)		(ft)	(ft)	(ft)
494	1.43	Left	50%	0.72	1.30%	2.54%	0.013	0.12	4.83	17.8534613
		Right	50%	0.72	0.60%	2.54%	0.013	0.14	5.58	
495	0.84	Left	50%	0.42	0.60%	2.54%	0.013	0.12	4.56	
		Right	50%	0.42	1.30%	2.54%	0.013	0.10	3.95	
496	1.51	Left	60%	0.91	0.60%	2.54%	0.013	0.15	6.10	15.3162255
		Right	40%	0.61	0.60%	2.54%	0.013	0.13	5.24	
497	1.85	Left	40%	0.74	0.60%	2.54%	0.013	0.14	5.65	
		Right	60%	1.11	0.60%	2.54%	0.013	0.17	6.58	
498	0.43	Left	30%	0.13	0.60%	2.54%	0.013	0.07	2.93	20.6086959
		Right	70%	0.30	0.85%	2.54%	0.013	0.10	3.77	
499	0.34	Left	80%	0.27	0.85%	2.54%	0.013	0.09	3.62	
		Right	20%	0.07	0.60%	2.54%	0.013	0.06	2.30	
503	1.58	Left	50%	0.79	0.80%	2.54%	0.013	0.14	5.49	15.0315344
		Right	50%	0.79	0.30%	2.54%	0.013	0.17	6.59	
504	1.44	Left	50%	0.72	0.30%	2.54%	0.013	0.16	6.37	
		Right	50%	0.72	0.80%	2.54%	0.013	0.13	5.30	
507	1.56	Left	50%	0.78	0.60%	2.54%	0.013	0.15	5.76	16.1445276
		Right	50%	0.78	1.00%	2.54%	0.013	0.13	5.23	
508	1.81	Left	50%	0.91	1.00%	2.54%	0.013	0.14	5.54	
		Right	50%	0.91	0.60%	2.54%	0.013	0.15	6.10	
509	0.66	Left	50%	0.33	1.20%	2.54%	0.013	0.09	3.66	18.7487466
		Right	50%	0.33	0.80%	2.54%	0.013	0.10	3.95	
510	1.44	Left	50%	0.72	0.80%	2.54%	0.013	0.13	5.30	
		Right	50%	0.72	1.20%	2.54%	0.013	0.12	4.92	
517	1.80	Left	20%	0.36	0.60%	2.54%	0.013	0.11	4.31	14.919869
		Right	80%	1.44	0.60%	2.54%	0.013	0.18	7.25	
518	1.00	Left	80%	0.80	0.60%	2.54%	0.013	0.15	5.83	
		Right	20%	0.20	0.60%	2.54%	0.013	0.09	3.47	
524	0.96	Left	50%	0.48	0.60%	2.54%	0.013	0.12	4.81	17.3282137
		Right	50%	0.48	1.00%	2.54%	0.013	0.11	4.37	
525	1.63	Left	50%	0.82	1.00%	2.54%	0.013	0.14	5.33	
		Right	50%	0.82	0.60%	2.54%	0.013	0.15	5.86	
528	1.60	Left	40%	0.64	0.60%	2.54%	0.013	0.14	5.36	15.1639111
		Right	60%	0.96	0.60%	2.54%	0.013	0.16	6.24	
529	1.86	Left	60%	1.12	0.60%	2.54%	0.013	0.17	6.60	
		Right	40%	0.75	0.60%	2.54%	0.013	0.14	5.67	
531	2.46	Left	70%	1.72	0.60%	2.54%	0.013	0.20	7.76	12.968897
		Right	30%	0.74	1.20%	2.54%	0.013	0.13	4.96	
532	2.07	Left	30%	0.62	1.20%	2.54%	0.013	0.12	4.65	
		Right	70%	1.45	0.60%	2.54%	0.013	0.18	7.27	
535	0.36	Left	100%	0.36	1.50%	2.54%	0.013	0.09	3.65	19.6870707
		Right	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
536	0.70	Left	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
		Right	100%	0.70	1.50%	2.54%	0.013	0.12	4.66	
539	0.80	Left	50%	0.40	0.50%	2.54%	0.013	0.12	4.65	18.8047225
		Right	50%	0.40	0.50%	2.54%	0.013	0.12	4.65	
540	0.76	Left	50%	0.38	0.50%	2.54%	0.013	0.12	4.55	
		Right	50%	0.38	0.50%	2.54%	0.013	0.12	4.55	
543	1.78	Left	20%	0.36	0.80%	2.54%	0.013	0.10	4.07	13.4650143
		Right	80%	1.42	0.60%	2.54%	0.013	0.18	7.23	
544	1.84	Left	80%	1.47	0.60%	2.54%	0.013	0.19	7.31	
		Right	20%	0.37	0.80%	2.54%	0.013	0.10	4.12	
547	0.69	Left	40%	0.27	0.60%	2.54%	0.013	0.10	3.89	17.7458908
		Right	60%	0.41	0.60%	2.54%	0.013	0.12	4.53	
548	1.27	Left	60%	0.76	0.60%	2.54%	0.013	0.15	5.72	
		Right	40%	0.51	0.60%	2.54%	0.013	0.12	4.91	
550	1.06	Left	65%	0.69	0.60%	2.54%	0.013	0.14	5.51	16.9817875
		Right	35%	0.37	0.60%	2.54%	0.013	0.11	4.37	
551	1.06	Left	35%	0.37	0.60%	2.54%	0.013	0.11	4.37	
		Right	65%	0.69	0.60%	2.54%	0.013	0.14	5.51	
554	1.92	Left	45%	0.87	0.60%	2.54%	0.013	0.15	6.00	15.9904937
		Right	55%	1.06	1.20%	2.54%	0.013	0.14	5.68	
555	1.94	Left	55%	1.07	1.20%	2.54%	0.013	0.14	5.69	
		Right	45%	0.87	0.60%	2.54%	0.013	0.15	6.01	

Inlet	Total Flow (Rational + Bypass)	Flow Direction	% of Flow	Divided Rational Flow	Longitudinal Slope	Cross-Sectional Slope	Manning's Coefficient	Depth at Casting	Gutter Spread	Clear Lane Width
(#)	(cfs)		(%)	(cfs)	(%)	(%)		(ft)	(ft)	(ft)
556	1.17	Left	50%	0.59	0.60%	2.54%	0.013	0.13	5.18	17.9176095
		Right	50%	0.59	0.60%	2.54%	0.013	0.13	5.18	
557	1.01	Left	50%	0.51	0.60%	2.54%	0.013	0.12	4.90	
		Right	50%	0.51	0.60%	2.54%	0.013	0.12	4.90	
559	1.89	Left	60%	1.13	0.60%	2.54%	0.013	0.17	6.64	15.2347809
		Right	40%	0.76	1.50%	2.54%	0.013	0.12	4.80	
560	1.53	Left	40%	0.61	1.50%	2.54%	0.013	0.11	4.43	
		Right	60%	0.92	0.60%	2.54%	0.013	0.16	6.13	
561	0.81	Left	50%	0.41	0.60%	2.54%	0.013	0.11	4.52	18.0679252
		Right	50%	0.41	0.60%	2.54%	0.013	0.11	4.52	
562	1.32	Left	50%	0.66	0.60%	2.54%	0.013	0.14	5.42	
		Right	50%	0.66	0.60%	2.54%	0.013	0.14	5.42	
563	1.91	Left	45%	0.86	1.30%	2.54%	0.013	0.13	5.17	14.5468319
		Right	55%	1.05	0.60%	2.54%	0.013	0.16	6.44	
564	1.88	Left	70%	1.31	0.60%	2.54%	0.013	0.18	7.01	
		Right	30%	0.56	1.30%	2.54%	0.013	0.11	4.41	
565	1.25	Left	55%	0.69	0.80%	2.54%	0.013	0.13	5.21	17.3887149
		Right	45%	0.56	1.00%	2.54%	0.013	0.12	4.64	
566	1.37	Left	45%	0.62	1.00%	2.54%	0.013	0.12	4.80	
		Right	55%	0.76	0.80%	2.54%	0.013	0.14	5.40	
568	0.66	Left	50%	0.33	0.60%	2.54%	0.013	0.11	4.17	18.4438831
		Right	50%	0.33	0.60%	2.54%	0.013	0.11	4.17	
569	1.30	Left	50%	0.65	0.60%	2.54%	0.013	0.14	5.38	
		Right	50%	0.65	0.60%	2.54%	0.013	0.14	5.38	
570	0.67	Left	50%	0.34	0.60%	2.54%	0.013	0.11	4.20	18.4564616
		Right	50%	0.34	0.50%	2.54%	0.013	0.11	4.35	
571	0.98	Left	55%	0.54	0.50%	2.54%	0.013	0.13	5.20	
		Right	45%	0.44	0.60%	2.54%	0.013	0.12	4.66	
575	0.60	Left	50%	0.30	0.60%	2.54%	0.013	0.10	4.02	19.9569126
		Right	50%	0.30	1.94%	2.54%	0.013	0.08	3.23	
576	0.60	Left	50%	0.30	1.94%	2.54%	0.013	0.08	3.23	
		Right	50%	0.30	0.60%	2.54%	0.013	0.10	4.02	
581	1.29	Left	40%	0.52	0.60%	2.54%	0.013	0.13	4.94	16.033183
		Right	60%	0.78	0.60%	2.54%	0.013	0.15	5.75	
582	1.59	Left	60%	0.95	0.60%	2.54%	0.013	0.16	6.21	
		Right	40%	0.63	0.60%	2.54%	0.013	0.14	5.34	
584	1.95	Left	50%	0.97	0.60%	2.54%	0.013	0.16	6.27	15.4677725
		Right	50%	0.97	0.60%	2.54%	0.013	0.16	6.27	
585	1.95	Left	50%	0.97	0.60%	2.54%	0.013	0.16	6.27	
		Right	50%	0.97	0.60%	2.54%	0.013	0.16	6.27	
588	1.96	Left	50%	0.98	0.60%	2.54%	0.013	0.16	6.28	15.1034537
		Right	50%	0.98	0.60%	2.54%	0.013	0.16	6.28	
589	2.05	Left	55%	1.13	0.60%	2.54%	0.013	0.17	6.62	
		Right	45%	0.92	0.60%	2.54%	0.013	0.16	6.14	
593	1.41	Left	50%	0.71	0.60%	2.54%	0.013	0.14	5.56	18.264262
		Right	50%	0.71	0.60%	2.54%	0.013	0.14	5.56	
594	0.66	Left	50%	0.33	0.60%	2.54%	0.013	0.11	4.18	
		Right	50%	0.33	0.60%	2.54%	0.013	0.11	4.18	
595	0.79	Left	70%	0.55	0.58%	2.54%	0.013	0.13	5.10	16.082006
		Right	30%	0.24	2.00%	2.54%	0.013	0.07	2.94	
596	1.72	Left	30%	0.51	2.00%	2.54%	0.013	0.10	3.94	
		Right	70%	1.20	0.58%	2.54%	0.013	0.17	6.82	
597	0.55	Left	50%	0.28	1.20%	2.54%	0.013	0.09	3.43	19.7457773
		Right	50%	0.28	1.16%	2.54%	0.013	0.09	3.45	
598	1.33	Left	50%	0.67	1.16%	2.54%	0.013	0.12	4.80	
		Right	50%	0.67	1.20%	2.54%	0.013	0.12	4.77	
599	0.55	Left	50%	0.28	0.60%	2.54%	0.013	0.10	3.91	18.9162027
		Right	50%	0.28	0.80%	2.54%	0.013	0.09	3.70	
600	1.30	Left	55%	0.72	0.80%	2.54%	0.013	0.13	5.29	
		Right	45%	0.59	0.60%	2.54%	0.013	0.13	5.18	
601	0.63	Left	50%	0.32	0.74%	2.54%	0.013	0.10	3.95	19.1221948
		Right	50%	0.32	1.20%	2.54%	0.013	0.09	3.61	
602	1.27	Left	55%	0.70	1.20%	2.54%	0.013	0.12	4.85	
		Right	45%	0.57	0.74%	2.54%	0.013	0.13	4.93	

Inlet	Total Flow (Rational + Bypass)	Flow Direction	% of Flow	Divided Rational Flow	Longitudinal Slope	Cross-Sectional Slope	Manning's Coefficient	Depth at Casting	Gutter Spread	Clear Lane Width
(#)	(cfs)		(%)	(cfs)	(%)	(%)		(ft)	(ft)	(ft)
603	0.71	Left	50%	0.36	1.70%	2.54%	0.013	0.09	3.54	18.2155551
		Right	50%	0.36	0.60%	2.54%	0.013	0.11	4.30	
604	1.37	Left	50%	0.68	0.60%	2.54%	0.013	0.14	5.48	
		Right	50%	0.68	1.70%	2.54%	0.013	0.11	4.51	
605	1.93	Left	60%	1.16	0.60%	2.54%	0.013	0.17	6.69	14.5058842
		Right	40%	0.77	0.60%	2.54%	0.013	0.15	5.75	
606	2.02	Left	40%	0.81	0.60%	2.54%	0.013	0.15	5.84	
		Right	60%	1.21	0.60%	2.54%	0.013	0.17	6.80	
607	1.47	Left	35%	0.51	0.60%	2.54%	0.013	0.13	4.93	16.3749226
		Right	65%	0.95	1.00%	2.54%	0.013	0.14	5.65	
608	1.70	Left	65%	1.11	1.00%	2.54%	0.013	0.15	5.97	
		Right	35%	0.60	0.60%	2.54%	0.013	0.13	5.21	
611	2.24	Left	45%	1.01	1.20%	2.54%	0.013	0.14	5.57	14.4318613
		Right	55%	1.23	0.60%	2.54%	0.013	0.17	6.84	
612	2.14	Left	55%	1.18	0.60%	2.54%	0.013	0.17	6.73	
		Right	45%	0.96	1.20%	2.54%	0.013	0.14	5.48	
618	2.37	Left	50%	1.19	1.00%	2.54%	0.013	0.16	6.13	14.3833674
		Right	50%	1.19	0.60%	2.54%	0.013	0.17	6.74	
619	2.49	Left	50%	1.25	0.60%	2.54%	0.013	0.17	6.87	
		Right	50%	1.25	1.00%	2.54%	0.013	0.16	6.24	
621	0.73	Left	50%	0.37	0.60%	2.54%	0.013	0.11	4.35	18.6616186
		Right	50%	0.37	0.68%	2.54%	0.013	0.11	4.24	
622	1.06	Left	50%	0.53	0.68%	2.54%	0.013	0.12	4.88	
		Right	50%	0.53	0.60%	2.54%	0.013	0.13	4.99	
624	2.45	Left	40%	0.98	0.80%	2.54%	0.013	0.15	5.95	13.5392186
		Right	60%	1.47	0.60%	2.54%	0.013	0.19	7.31	
625	2.31	Left	60%	1.38	0.60%	2.54%	0.013	0.18	7.15	
		Right	40%	0.92	0.80%	2.54%	0.013	0.15	5.82	
627	0.36	Left	100%	0.36	1.50%	2.54%	0.013	0.09	3.64	20.7336422
		Right	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
628	0.36	Left	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
		Right	100%	0.36	1.50%	2.54%	0.013	0.09	3.63	
630	0.54	Left	50%	0.27	1.20%	2.54%	0.013	0.09	3.41	19.9459054
		Right	50%	0.27	1.39%	2.54%	0.013	0.08	3.32	
631	1.24	Left	50%	0.62	1.39%	2.54%	0.013	0.11	4.52	
		Right	50%	0.62	1.20%	2.54%	0.013	0.12	4.64	
634	0.70	Left	100%	0.70	1.50%	2.54%	0.013	0.12	4.66	19.550125
		Right	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
635	0.40	Left	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
		Right	100%	0.40	1.50%	2.54%	0.013	0.10	3.79	
637	0.36	Left	100%	0.36	1.50%	2.54%	0.013	0.09	3.63	19.5515272
		Right	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
638	0.76	Left	0%	0.00	1.50%	2.54%	0.013	0.00	0.00	
		Right	100%	0.76	1.50%	2.54%	0.013	0.12	4.82	
EX-314	0.36	Left	0%	0.00	4.00%	2.54%	0.013	0.00	0.00	21.9542635
		Right	100%	0.36	4.00%	2.54%	0.013	0.08	3.02	
EX-315	0.36	Left	100%	0.36	4.00%	2.54%	0.013	0.08	3.02	
		Right	0%	0.00	4.00%	2.54%	0.013	0.00	0.00	
EX-318	4.60	Left	65%	2.99	0.50%	2.54%	0.013	0.25	9.87	9.34839665
		Right	35%	1.61	2.10%	2.54%	0.013	0.15	5.98	
EX-319	3.64	Left	40%	1.46	2.10%	2.54%	0.013	0.15	5.76	
		Right	60%	2.18	0.50%	2.54%	0.013	0.22	8.78	

# Bluffs at Youngs Creek Section 4

## Yard Inlet Capacities

Job #83540

Section 3	Section 4	Remainder
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Type:	R-4342	Perimeter	Area
	Clogged	6.00	2.50
	50%	4.50	1.25

For yard inlets located in rear yards  
Ponding depth at casting can be no greater than 9  
inches or 0.75 feet

$$0.6A(2gh)^{0.5}$$

Inlet	Rational Flow	Grate Perimeter	Grate Area	Depth at Casting (Weir)	Depth at Casting (Orifice)
(#)	(cfs)	(ft)	(ft <sup>2</sup> )	(ft)	(ft)
315A	1.48	4.50	1.25	0.23	0.06
316	1.05	4.50	1.25	0.18	0.03
317	1.22	4.50	1.25	0.20	0.04
444	1.77	4.50	1.25	0.26	0.08
447	2.58	4.50	1.25	0.33	0.18
468	0.56	4.50	1.25	0.12	0.01
469	0.39	4.50	1.25	0.09	0.00
470	1.03	4.50	1.25	0.18	0.03
474	1.16	4.50	1.25	0.19	0.04
482	1.36	4.50	1.25	0.22	0.05
483	1.92	4.50	1.25	0.27	0.10
489	0.50	4.50	1.25	0.11	0.01
500	1.90	4.50	1.25	0.27	0.10
501	0.93	4.50	1.25	0.17	0.02
505	1.43	4.50	1.25	0.22	0.05
521	1.16	4.50	1.25	0.19	0.04
522	2.06	4.50	1.25	0.29	0.11
530	1.18	4.50	1.25	0.20	0.04
533	0.70	4.50	1.25	0.14	0.01
534	0.43	4.50	1.25	0.10	0.00
541	0.88	4.50	1.25	0.16	0.02
542	1.53	4.50	1.25	0.23	0.06
546	1.51	4.50	1.25	0.23	0.06
549	1.27	4.50	1.25	0.21	0.04
552	1.39	4.50	1.25	0.22	0.05
558	1.23	4.50	1.25	0.20	0.04
574	1.02	4.50	1.25	0.18	0.03
577	2.19	4.50	1.25	0.30	0.13
578	2.68	4.50	1.25	0.34	0.19
583	1.76	4.50	1.25	0.26	0.08
586	1.78	4.50	1.25	0.26	0.08
590	1.26	4.50	1.25	0.21	0.04
591	1.84	4.50	1.25	0.26	0.09
592	0.92	4.50	1.25	0.17	0.02
614	1.49	4.50	1.25	0.23	0.06
615	1.04	4.50	1.25	0.18	0.03
616	1.53	4.50	1.25	0.23	0.06
620	1.28	4.50	1.25	0.21	0.04
626	1.01	4.50	1.25	0.18	0.03
629	0.58	4.50	1.25	0.12	0.01
636	0.47	4.50	1.25	0.11	0.01
647	0.63	4.50	1.25	0.13	0.01



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 474

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

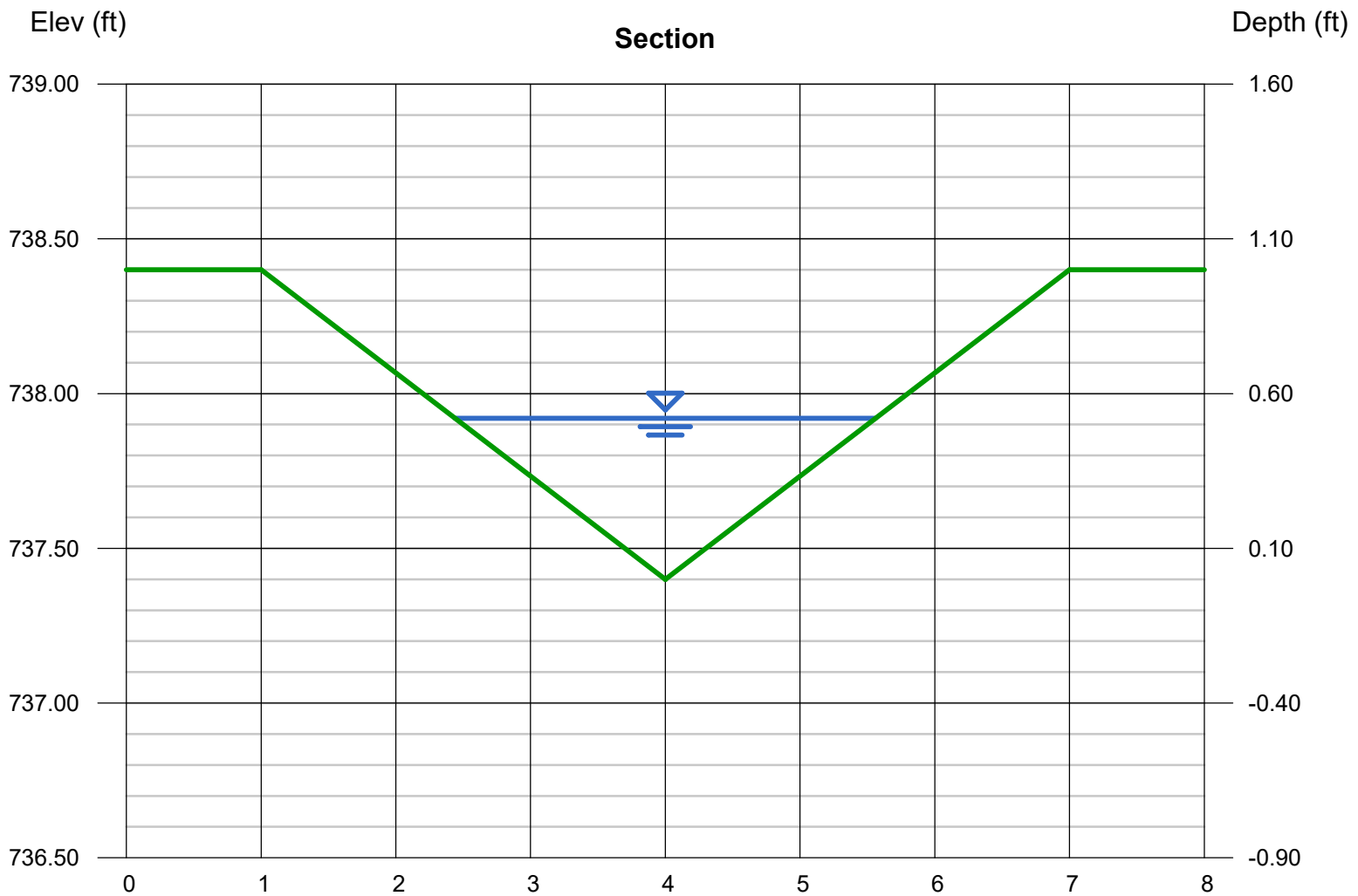
Invert Elev (ft) = 737.40  
Slope (%) = 0.80  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.16

### Highlighted

Depth (ft) = 0.52  
Q (cfs) = 1.160  
Area (sqft) = 0.81  
Velocity (ft/s) = 1.43  
Wetted Perim (ft) = 3.29  
Crit Depth, Yc (ft) = 0.40  
Top Width (ft) = 3.12  
EGL (ft) = 0.55



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 521

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

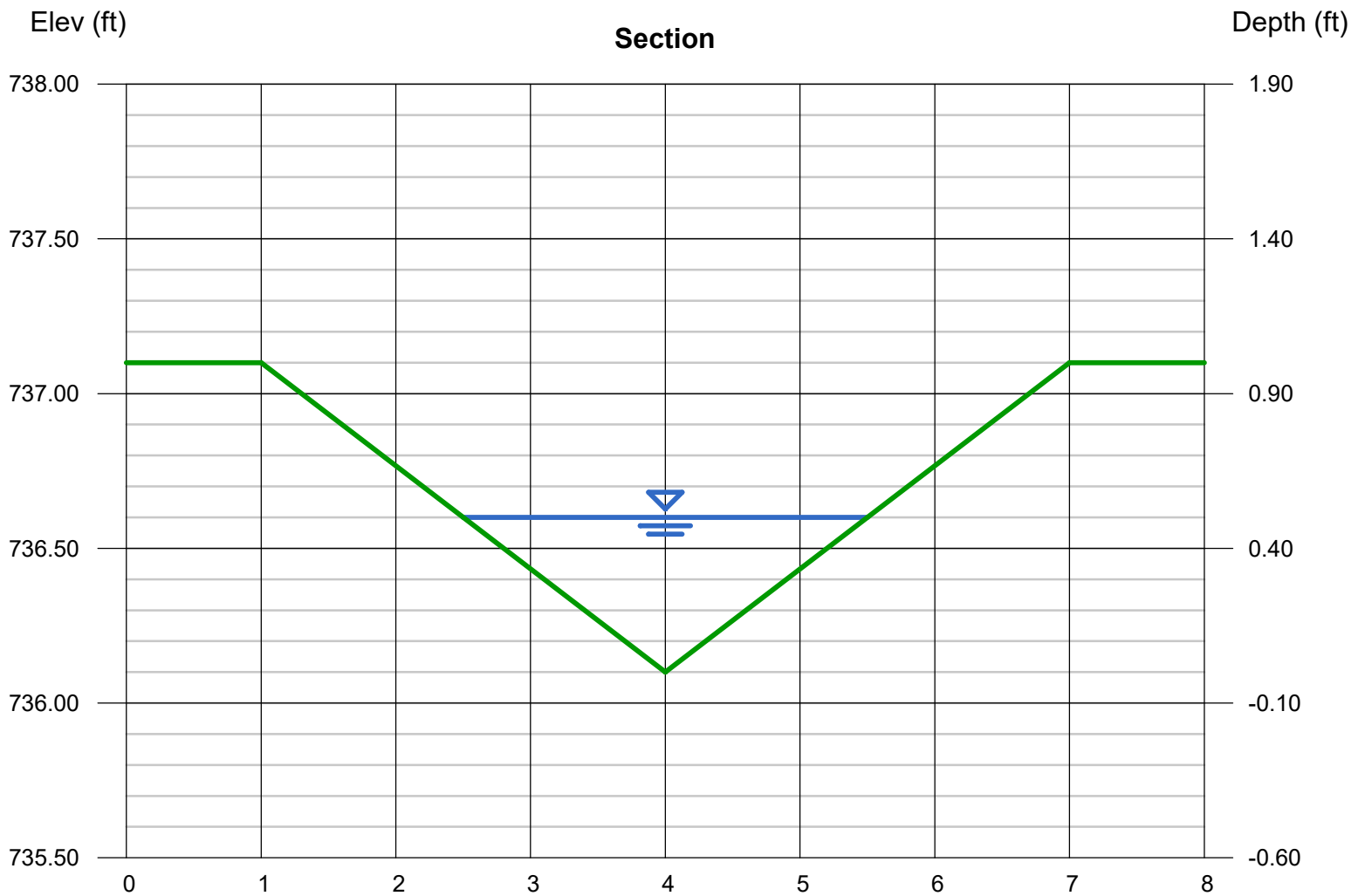
Invert Elev (ft) = 736.10  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.16

### Highlighted

Depth (ft) = 0.50  
Q (cfs) = 1.160  
Area (sqft) = 0.75  
Velocity (ft/s) = 1.55  
Wetted Perim (ft) = 3.16  
Crit Depth, Yc (ft) = 0.40  
Top Width (ft) = 3.00  
EGL (ft) = 0.54



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 522

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

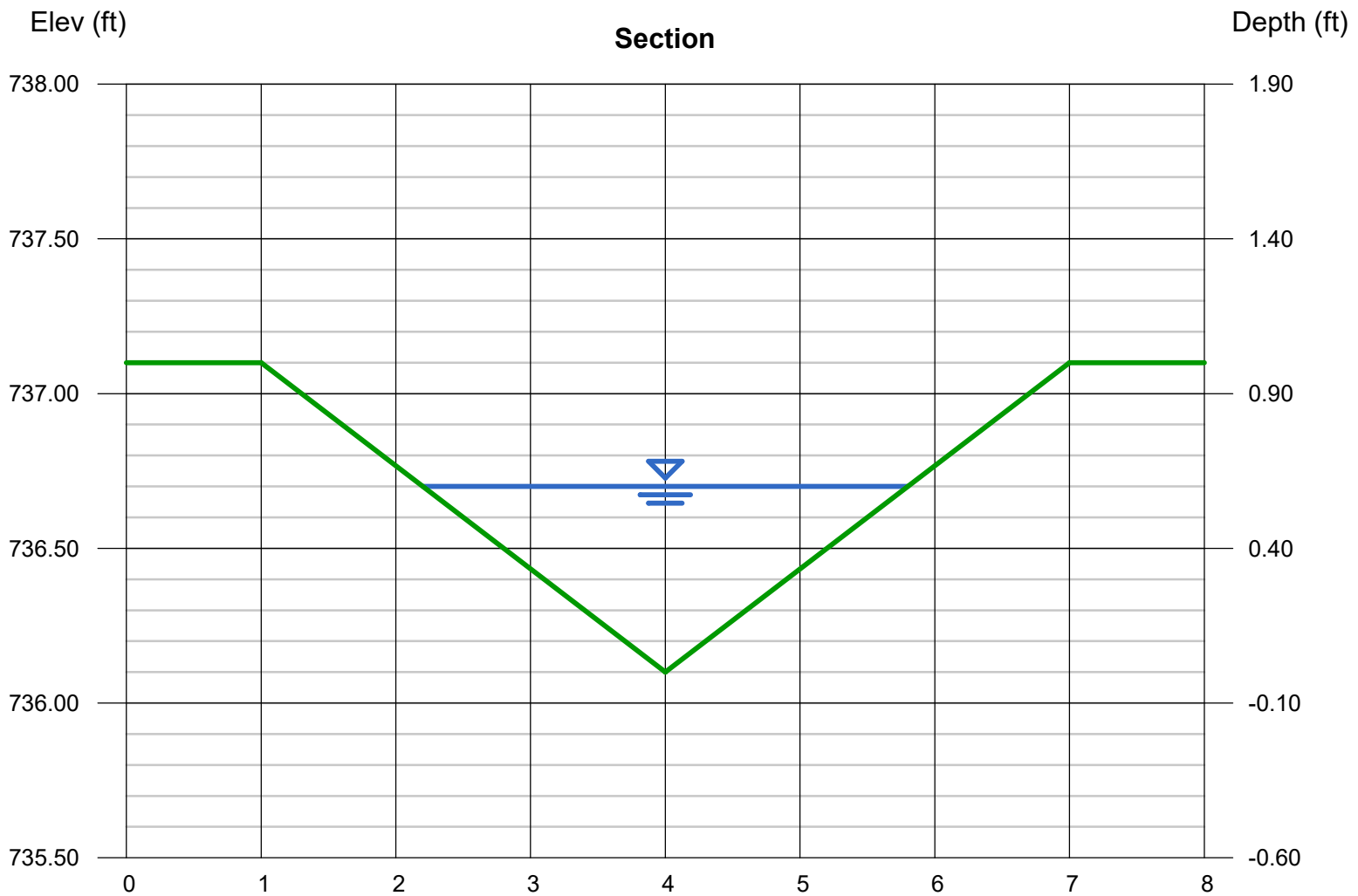
Invert Elev (ft) = 736.10  
Slope (%) = 1.18  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 2.06

### Highlighted

Depth (ft) = 0.60  
Q (cfs) = 2.060  
Area (sqft) = 1.08  
Velocity (ft/s) = 1.91  
Wetted Perim (ft) = 3.79  
Crit Depth, Yc (ft) = 0.50  
Top Width (ft) = 3.60  
EGL (ft) = 0.66



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 530

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

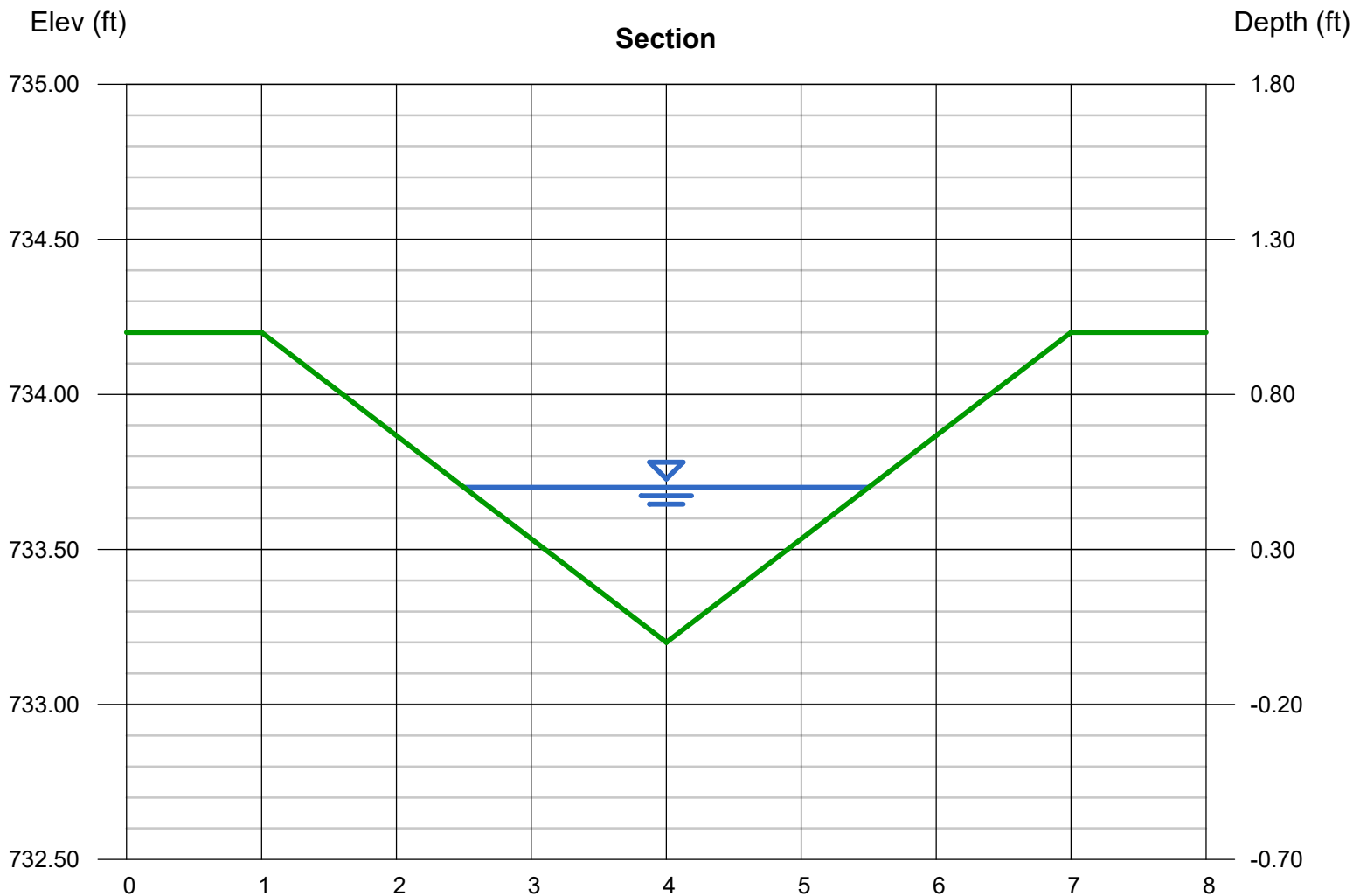
Invert Elev (ft) = 733.20  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.18

### Highlighted

Depth (ft) = 0.50  
Q (cfs) = 1.180  
Area (sqft) = 0.75  
Velocity (ft/s) = 1.57  
Wetted Perim (ft) = 3.16  
Crit Depth, Yc (ft) = 0.40  
Top Width (ft) = 3.00  
EGL (ft) = 0.54



# Channel Report

## Str 533

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

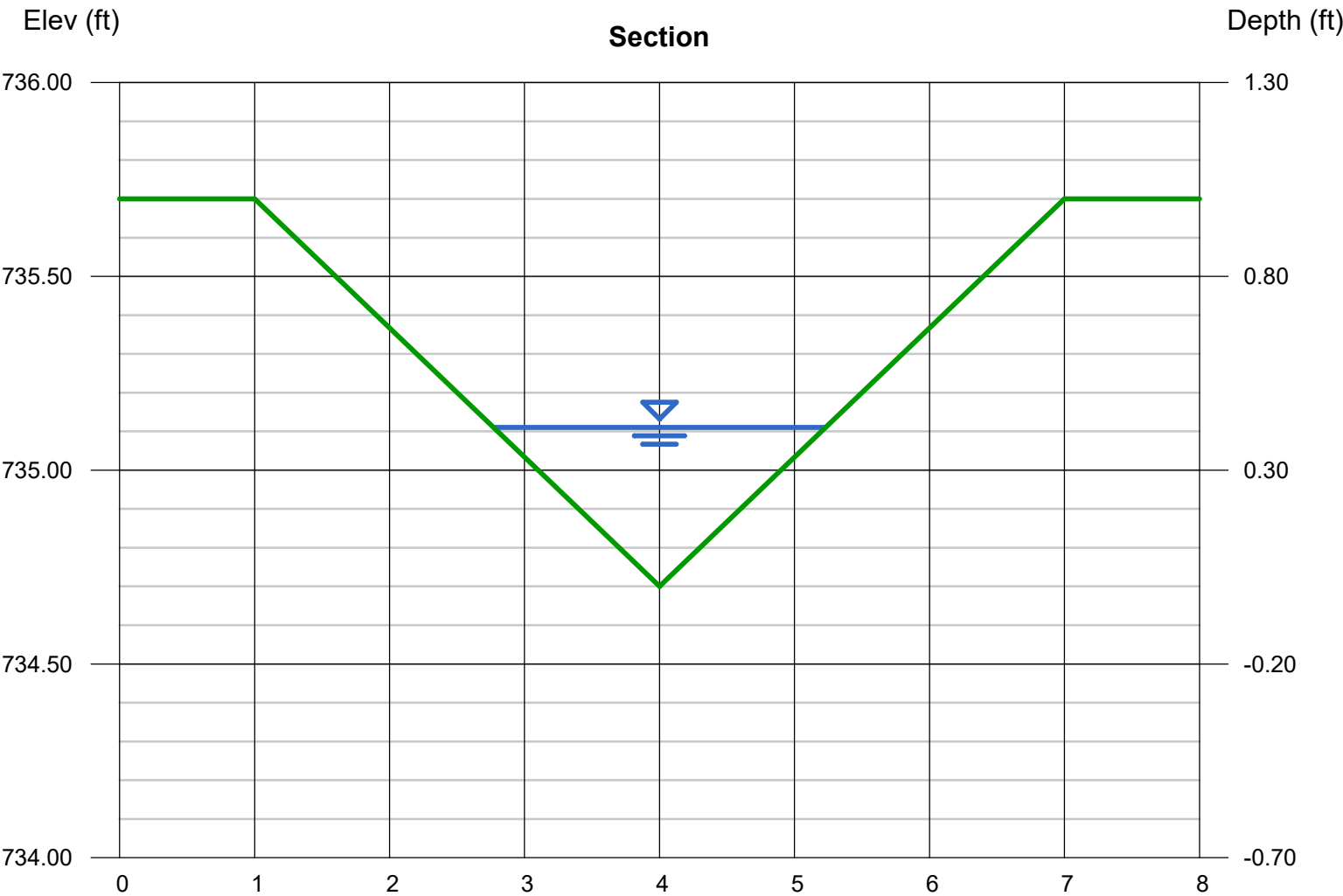
Invert Elev (ft) = 734.70  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 0.70

### Highlighted

Depth (ft) = 0.41  
Q (cfs) = 0.700  
Area (sqft) = 0.50  
Velocity (ft/s) = 1.39  
Wetted Perim (ft) = 2.59  
Crit Depth, Yc (ft) = 0.33  
Top Width (ft) = 2.46  
EGL (ft) = 0.44



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 541

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

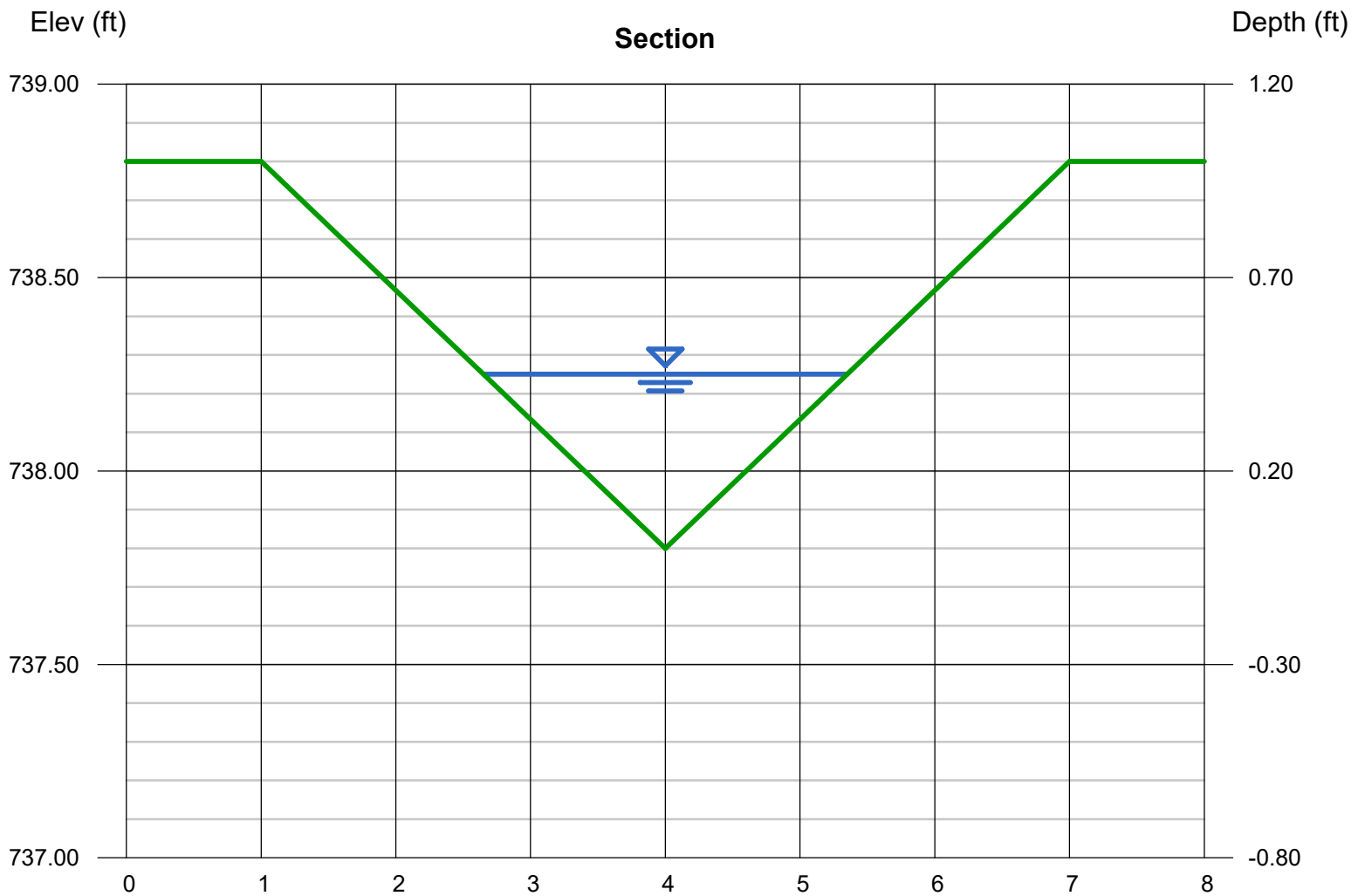
Invert Elev (ft) = 737.80  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 0.88

### Highlighted

Depth (ft) = 0.45  
Q (cfs) = 0.880  
Area (sqft) = 0.61  
Velocity (ft/s) = 1.45  
Wetted Perim (ft) = 2.85  
Crit Depth, Yc (ft) = 0.36  
Top Width (ft) = 2.70  
EGL (ft) = 0.48



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 542

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

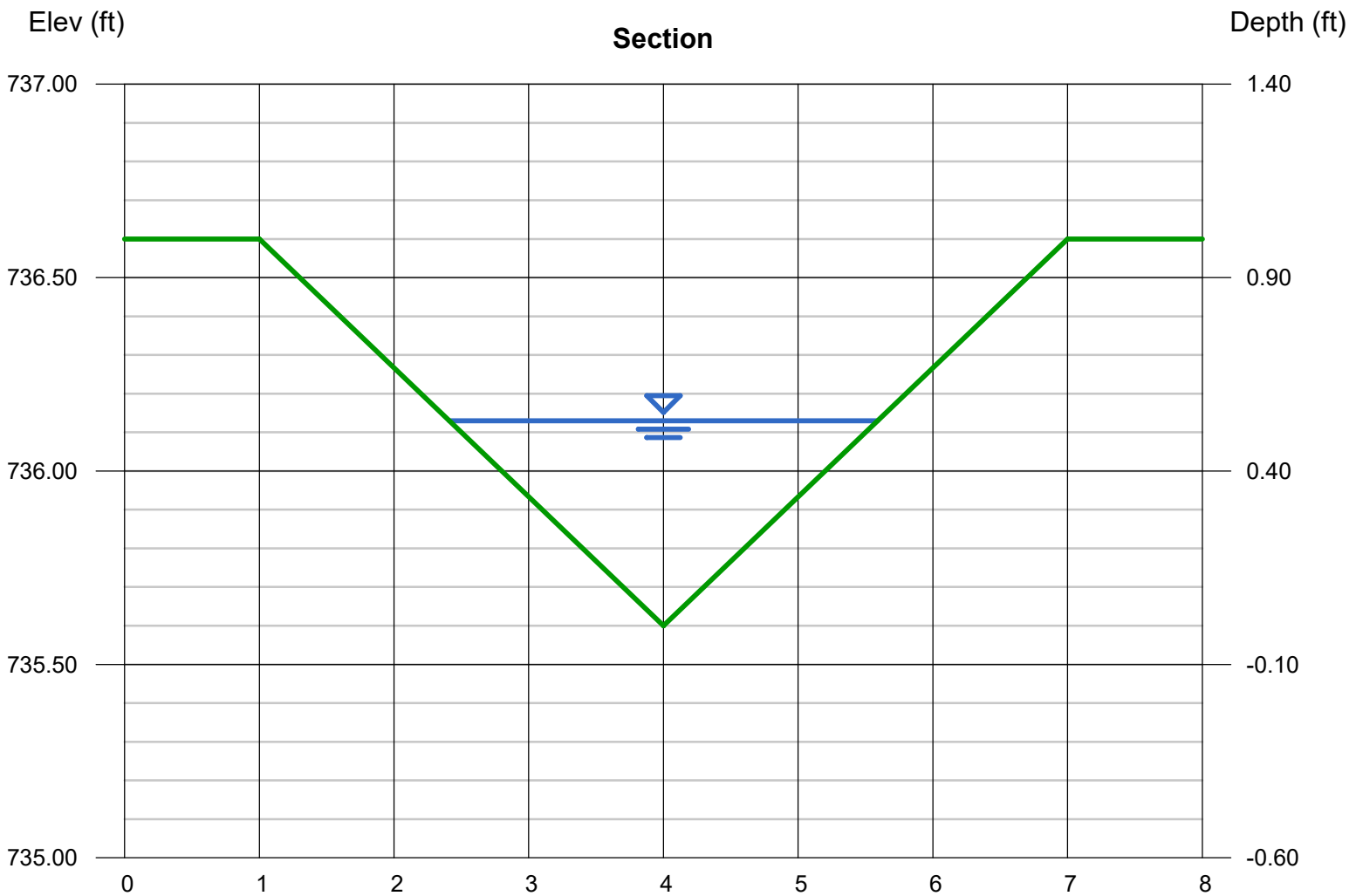
Invert Elev (ft) = 735.60  
Slope (%) = 1.18  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.53

### Highlighted

Depth (ft) = 0.53  
Q (cfs) = 1.530  
Area (sqft) = 0.84  
Velocity (ft/s) = 1.82  
Wetted Perim (ft) = 3.35  
Crit Depth, Yc (ft) = 0.44  
Top Width (ft) = 3.18  
EGL (ft) = 0.58



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 546

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

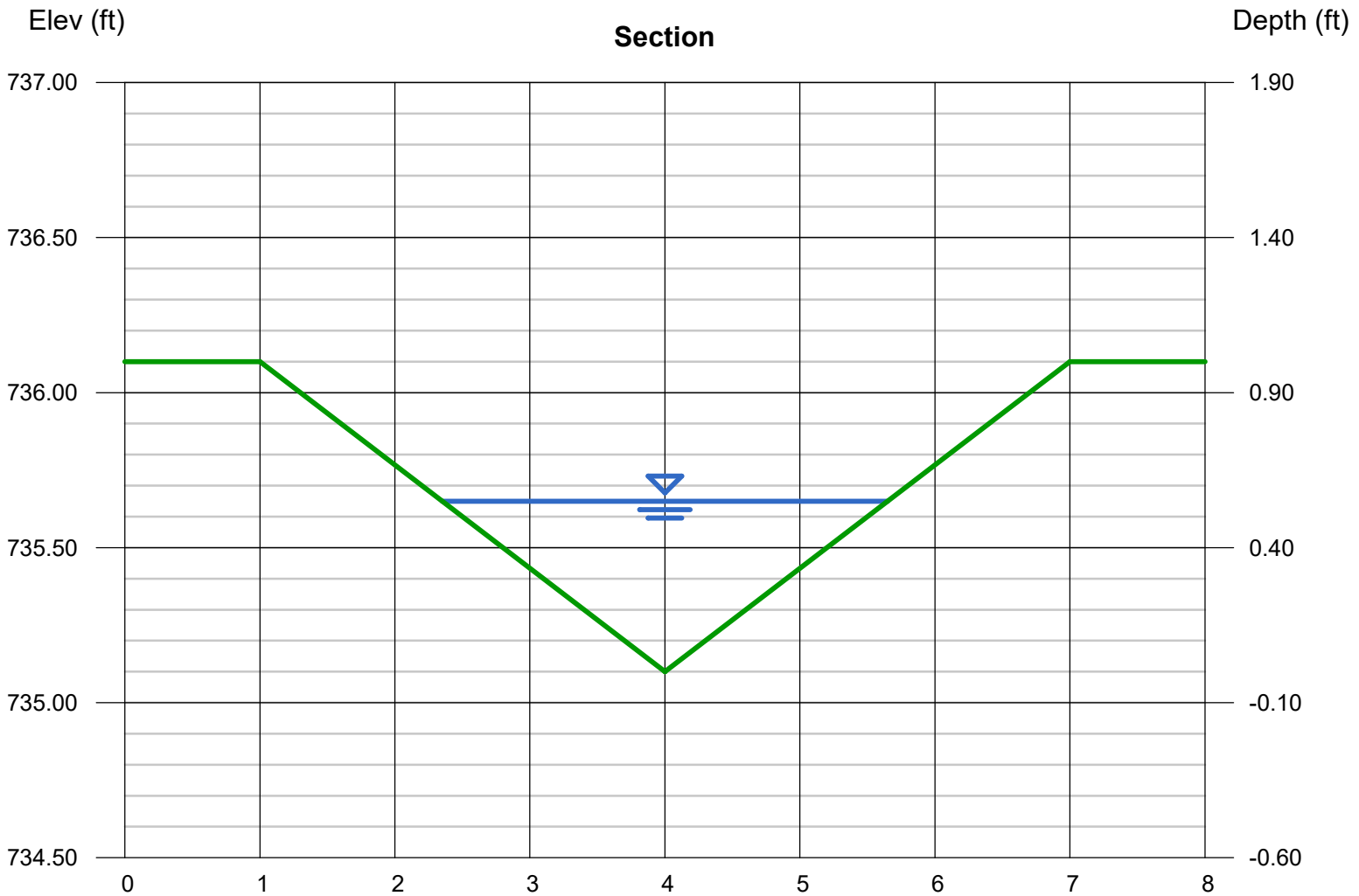
Invert Elev (ft) = 735.10  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.51

### Highlighted

Depth (ft) = 0.55  
Q (cfs) = 1.510  
Area (sqft) = 0.91  
Velocity (ft/s) = 1.66  
Wetted Perim (ft) = 3.48  
Crit Depth, Yc (ft) = 0.44  
Top Width (ft) = 3.30  
EGL (ft) = 0.59





# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 552

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

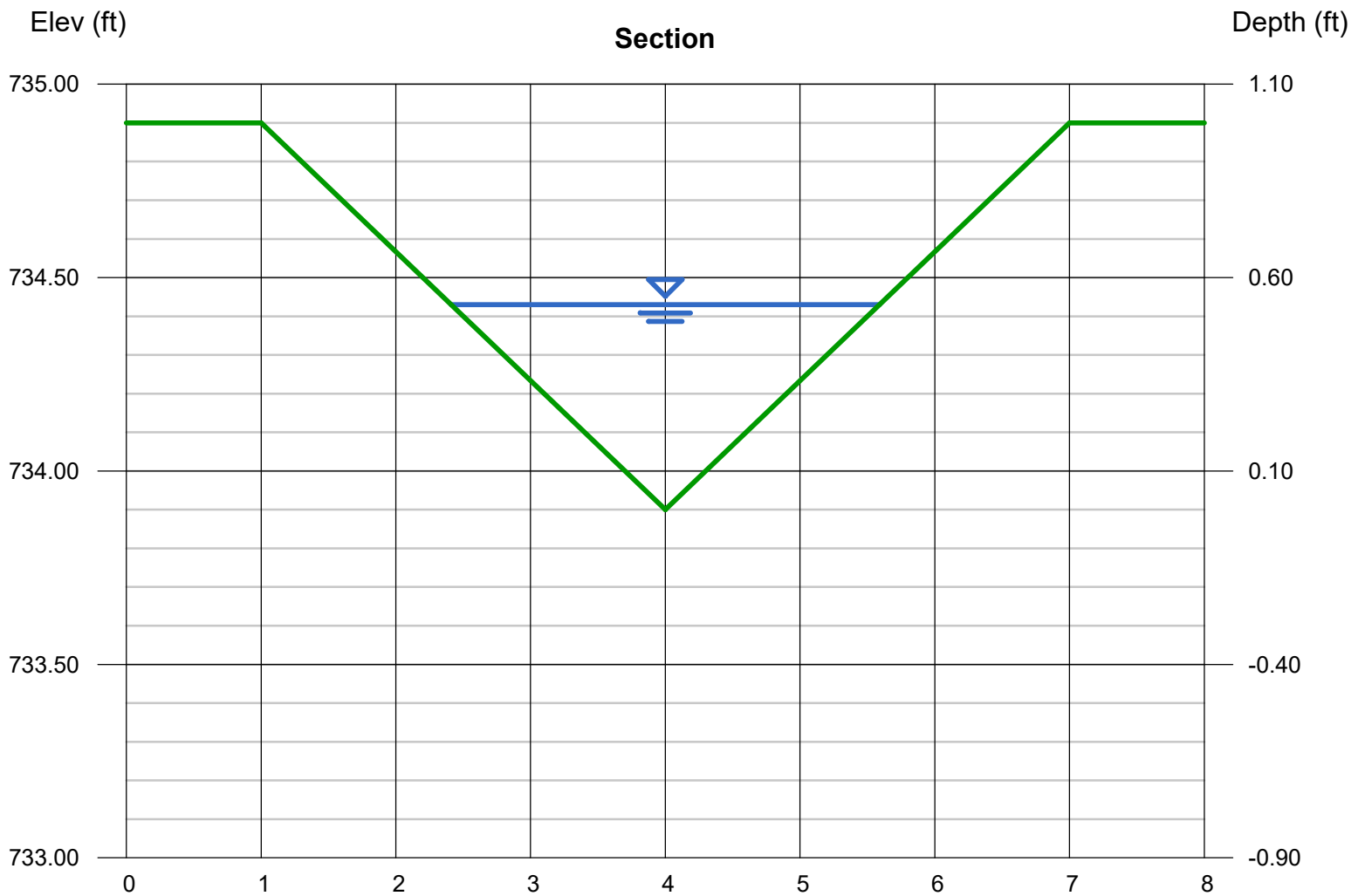
Invert Elev (ft) = 733.90  
Slope (%) = 1.00  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.39

### Highlighted

Depth (ft) = 0.53  
Q (cfs) = 1.390  
Area (sqft) = 0.84  
Velocity (ft/s) = 1.65  
Wetted Perim (ft) = 3.35  
Crit Depth, Yc (ft) = 0.43  
Top Width (ft) = 3.18  
EGL (ft) = 0.57



# Channel Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc.

Wednesday, Feb 3 2021

## Str 558

### Triangular

Side Slopes (z:1) = 3.00, 3.00  
Total Depth (ft) = 1.00

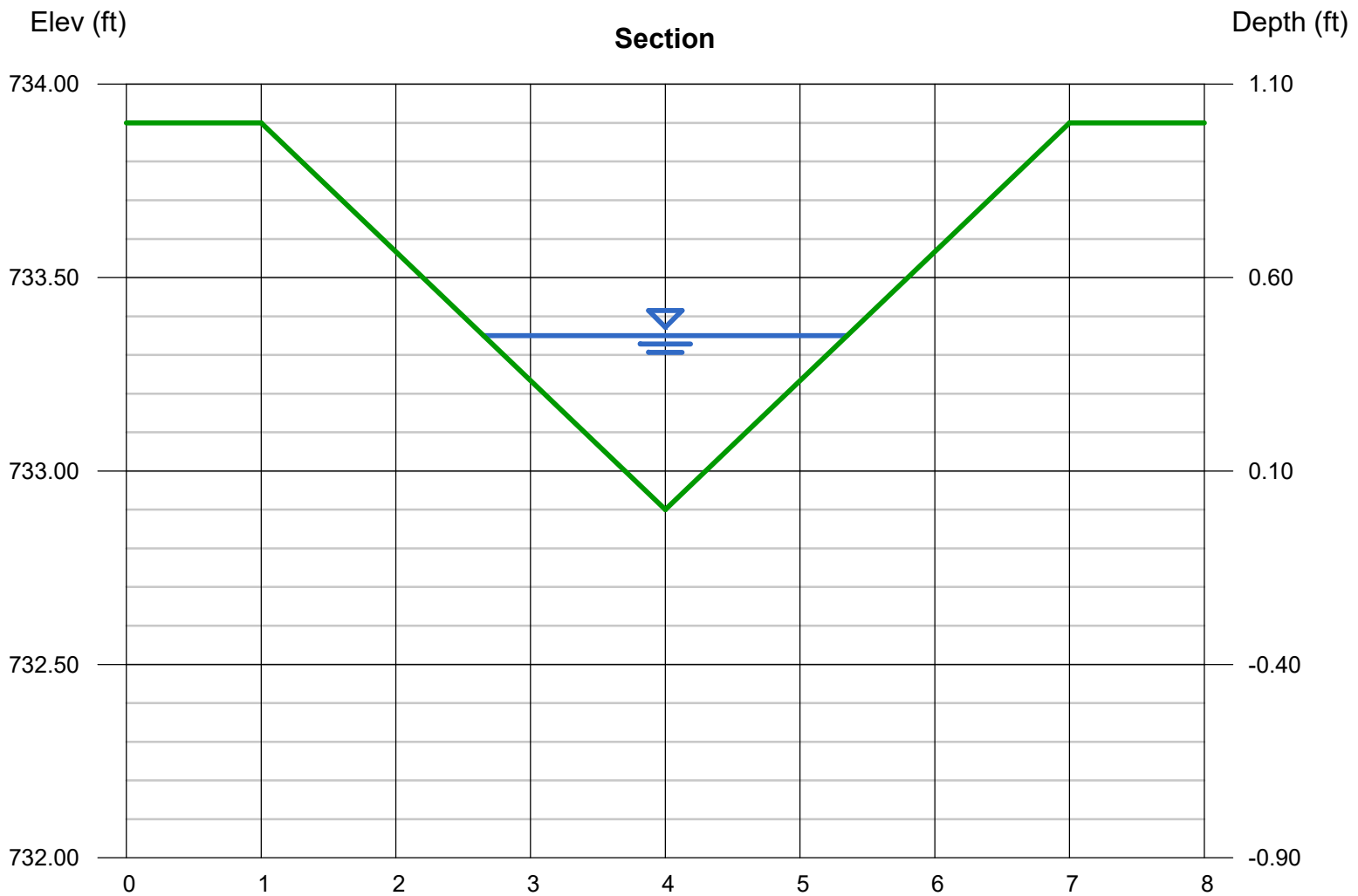
Invert Elev (ft) = 732.90  
Slope (%) = 1.84  
N-Value = 0.035

### Calculations

Compute by: Known Q  
Known Q (cfs) = 1.23

### Highlighted

Depth (ft) = 0.45  
Q (cfs) = 1.230  
Area (sqft) = 0.61  
Velocity (ft/s) = 2.02  
Wetted Perim (ft) = 2.85  
Crit Depth, Yc (ft) = 0.41  
Top Width (ft) = 2.70  
EGL (ft) = 0.51



# **APPENDIX D**

## **WATER QUALITY ANALYSIS**



# Bluffs at Youngs Creek Sections 4

Job # 83540

Water Quality Volume

Detention Pond	Total Drainage Area (ac)	1/2" Direct Runoff (ft <sup>3</sup> )	1 1/4" 24hr Runoff (ft <sup>3</sup> )	Water Quality Volume (WQv) (ft <sup>3</sup> )
Lake #4	54.21	98391.15	4702	19678

WQv = 20% of the larger of 1/2" Direct runoff or runoff from the 1 1/4" 24 hr rainfall event

## Lake Staging Above Normal Pool

Water Quality Volume (ft <sup>3</sup> )	19678
Normal Pool Elevation	729
Water Quality Elevation	729.22
Water Quality Stage Height (ft)	0.22

Peak of Lake Discharge			
	2 yr	10 yr	100 yr
Time (hr)	13.11	13.21	13.07
Elev (ft)	731.1	731.76	732.81
Event Time	24	24	24

Elevation	Average Area (ft <sup>2</sup> )	Volume (ft <sup>3</sup> )	Cumulative Volume (ft <sup>3</sup> )	
729	87556	0	0	Normal Pool
730	93218	90387	90387	
731	98446	95832	186219	
732	104108	101277	287496	
733	109771	106940	394436	
734	115434	112603	507038	
735	121532	118483	625522	Top of bank

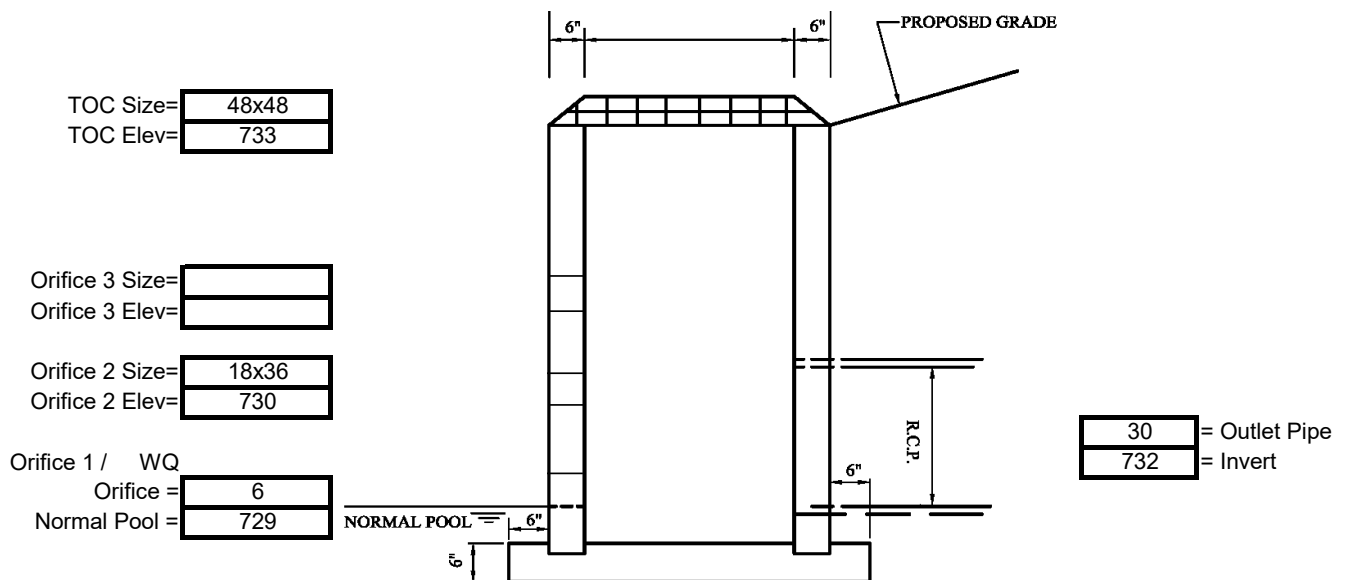
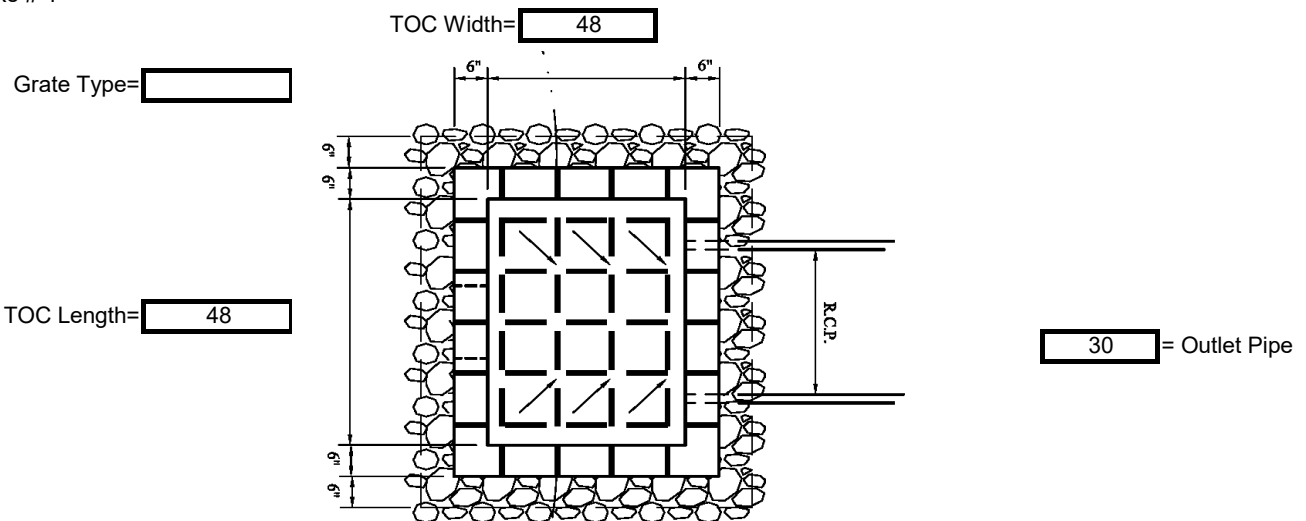
Time to WQv 24 hours after Peak			
	2 yr	10 yr	100 yr
Time (hr)	37.11	37.21	37.07
Elev (ft)	729.94	730.05	730.13
CHECK	OK	OK	OK

# Bluffs at Youngs Creek Section 4

## Outlet Structure

Job #83540

Lake # 4

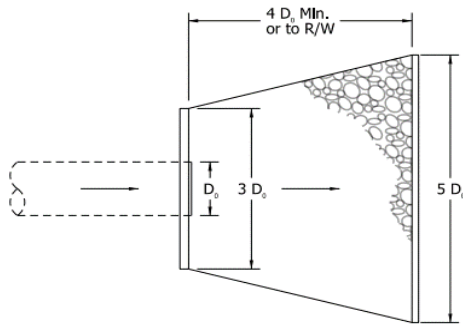


OUTLET CONTROL STRUCTURE DETAIL  
NOT TO SCALE

# Bluffs at Youngs Creek Section 4

## RipRap Apron Calcs

Job #83540



$D_o$  = Outside Diameter of structure

INDOT Figure 203-2J - Minimum Riprap Apron Size

Stream Velocity for Erosion Protection  
INDOT Figure 203-2D

Erosion-Protection Method	Velocity, $v$ (ft/s)
Revetment Riprap	$\leq 6.5$
Class 1 Riprap	$6.5 < v < 10$
Class 2 Riprap	$10 \leq v \leq 13$
Energy Dissipator	$> 13$

$$L = 1.8D \left( \frac{Q}{D^{2.5}} \right) + 7D$$

$L$ =Apron Length (ft)

$Q$ = Flow (cfs)

$v$ =Velocity (ft/s)

$D$ =Diameter (ft)

$Tw$ =Tailwater (ft)

Section 3	Section 4	Remainder
-----------	-----------	-----------

Str #	Outlet Flow, $Q$ (cfs)	Outlet Velocity, $v$ (ft/s)	Outlet Diameter (ft)	RipRap Apron			Erosion-Protection Method
				Start Width (ft)	End Width (ft)	$Tw < 0.5D$ Length (ft)	
454	6.95	3.01	2.00	6	10	18.4	Revetment Riprap
514	13.94	3.12	3.00	9	15	25.8	Revetment Riprap
537-EX	66.98	4.27	5.00	15	25	45.8	Revetment Riprap
553A	3.80	6.69	1.00	3	5	13.8	Class 1 Riprap
558	1.23	3.29	1.00	3	5	9.2	Revetment Riprap
572	6.49	2.72	2.00	6	10	18.1	Revetment Riprap
579	40.97	3.86	4.00	12	20	37.2	Revetment Riprap
609	13.96	2.70	3.00	9	15	25.8	Revetment Riprap
632	2.19	2.56	1.25	3.75	6.25	11.6	Revetment Riprap
643	6.25	3.07	2.00	6	10	18.0	Revetment Riprap
645	3.32	3.89	1.25	3.75	6.25	13.0	Revetment Riprap

# **APPENDIX E**

## **BASIN MAPS**