Florida Department of Transportation

Final Stormwater Management Facilities Report

US 301 (SR 39)

From South of CR 54 (Eiland Boulevard) to US 98 Bypass(SR 533)
Pasco County, Florida

Work Program Item No: 408075-1
Federal Aid Project No.: 3112-020-P

Prepared For:

Florida Department of Transportation
District 7
11201 North Malcolm McKinley Drive
Tampa, Florida 33612

March 2010

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Prepared For:

Florida Department of Transportation

Prepared By:

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EXECUTIVE SUMMARY

The Florida Department of Transportation (FDOT) conducted a Project Development and Environment (PD&E) Study to evaluate improvements to US 301 (SR 39) in eastern Pasco County. The project limits are from south of CR 54 (Eiland Boulevard) to the US 98 Bypass (SR 533). The length of the study is 7.6 miles. The objective of the PD&E Study was to provide documented environmental and engineering analyses, which would help the FDOT and the Federal Highway Administration (FHWA) reach a decision on the type, conceptual design and location of the necessary improvements within the US 301 PD&E Study limits to accommodate future transportation needs in a safe and efficient manner. This Stormwater Management Facilities (SMF) Report was prepared as part of the PD&E Study. The objective of this SMF report was to document the evaluation of potential SMF sites in order to determine right-of-way cost estimates for the locations in the study.

Originally, the PD&E Study evaluated the proposed widening of US 301 to a six-lane divided roadway from south of CR 54 to the US 98 Bypass for two Build Alternatives representing three separate typical sections: Build Alternative 1 - High Speed Urban typical section for Segments A through D; and Build Alternative 2 - Low Speed Urban typical section for Segments A and D and Rural typical section for Segments B and C. A summary of the impacts that could occur if either Build Alternative were to be implemented for each of the study segments was presented at the Alternatives Public Workshop held on June 3, 2009.

The purpose of the Alternatives Public Workshop was to solicit public input regarding the proposed Build Alternatives and the No-Build Alternative for the proposed project. On July 16, 2009 the FDOT determined a recommended Build Alternative would be presented at the Study's Public Hearing in addition to the No Build Alternative. The recommended Build Alternative determination was based on the results of the Build Alternative's impact evaluation, public feedback received during the public involvement process, and consistency with current transportation plans.

As a result of this determination, the Recommended Build Alternative presented at the Public Hearing on November 4, 2009 consisted of widening US 301 to a six-lane roadway facility in Segment A only (from south of CR 54 to north of Kossik Road) and maintaining the existing four-lanes on US 301 in Segments B-D (from north of Kossik Road to the US 98 Bypass). The recommended typical section for the six-lane widening was a low-speed urban typical section. The section of US 301 between Kossik Road and Wire Road will be used to transition the proposed six-lanes into the existing four-

lane roadway. To minimize traffic congestion and improve safety north of Kossik Road, Transportation System Management (TSM) improvements were also recommended. The TSM improvements could include, but not be limited to, median modifications on US 301 from north of Kossik Road to US 98 Bypass and turn lane improvements at four signalized intersections: Centennial Road, CR 52A (Clinton Avenue), Morningside Drive, and US 98 Bypass.

The Recommended Build Alternative developed for the US 301 PD&E Study is required to be consistent with the Pasco County Metropolitan Planning Organization's (MPO) Cost Affordable Roadway Long Range Transportation Plan (LRTP). The Recommended Build Alternative presented at the Study's Public Hearing on November 4, 2009 was consistent with the Pasco MPO 2025 Cost Affordable LRTP. Subsequent to the Public Hearing, the Pasco County MPO adopted their 2035 LRTP on December 10, 2009. The adopted 2035 Cost Affordable Roadway Plan contains an additional roadway segment on US 301 between US 98 (SR 700) and CR 52A where six-lanes are proposed in addition to the six-lane roadway section on US 301 from south of CR 54 to Kossik Road.

Therefore, the Recommended Build Alternative consists of widening US 301 to a six-lane roadway facility in Segment A (from south of CR 54 to north of Kossik Road) and a portion of Segment C from south of US 98 to CR 52A. The section of US 301 between Kossik Road and Wire Road will be used to transition the proposed six-lanes in Segment A into the existing four-lane roadway. Within the portion of Segment C from south of US 98 (SR 700) to CR 52A, the section of US 301 from north of Musselman Road to US 98 will be used to transition the proposed six-lanes in Segment C into the existing four-lane roadway. Elsewhere within the study limits, the existing four-lanes on US 301 in Segments B-D (from north of Kossik Road to US 98 Bypass) will remain as is. The recommended typical section for the six-lane widening is a low-speed urban typical section within Segment A, and a rural typical section within the portion of Segment C from US 98 to CR 52A. To minimize traffic congestion and improve safety north of Kossik Road, TSM improvements will be provided at three signalized intersections: Centennial Road, Morningside Drive, and US 98 Bypass. The previously recommended TSM improvements at CR 52A would be constructed as part of the widening in the portion of Segment C. A summary of the evaluation of SMF impacts related to the revised Recommended Build Alternative is provided below.

The pond sites in segments B through D (north of the first drainage basin) were sized based on six lane improvements. The recommended TSM improvements are generally less than 0.25 miles in length which meets the exemption criteria in SWFWMD Rule Chapter 40D-4.051(13)(b). It was anticipated that these basins would not require pond sites for the TSM improvements outlined in this report. The TSM improvements also include closing some medians openings and removing the median pavement. Purchasing pond sites for the ultimate design to cover the TSM improvements could also be considered.

The recommendations contained in this report were generated using highly variable factors as summarized in the matrix for each SMF and floodplain compensation cites (FPC) contained in this report. The SMF and FPC site locations were screened using preliminary information based upon many assumptions and judgments. The calculations presented in this report are preliminary and help in estimating the preliminary size of the SMF and FPC sites for each basin. The SMF and FPC sizes, the limits of the basins associated with each SMF or FPC shown on the figures, tables, calculations, and included in the documentation would be subject to change throughout the preliminary engineering and the project design phases.

Potential pond sites were selected that are hydraulically feasible and located away from the road where possible to avoid the expense normally associated with frontage along major roads. These parcels were also located to avoid and/or minimize wetland impacts based on preliminary wetland lines. Preliminary archaeological, historical resources and contamination screenings were also conducted at each site.

The sizes of the ponds were calculated to meet the requirements of the Florida Department of Transportation (Ch. 14-86, F.A.C.), the Southwest Florida Water Management District (SWFWMD) (Ch. 40-D4, F.A.C), Drainage Basins of Special Concern in Pasco County's Land Development Code Section 605.7 (for the East Zephyrhills Basin) and in the proposed Florida Department of Environmental Protection Agency's Statewide Stormwater Treatment Rule (preliminary TMDL 2007 Harper methodology).

A meeting was held on March 10, 2009 with the SWFWMD, during which it was indicated that the project will most likely need to meet 2007 Total Maximum Daily Loading (TMDL) criteria. It was also stated that the post-development TMDL loading will probably need to match undeveloped (natural) conditions. Meeting the TMDL loading for undeveloped conditions was not possible at all locations

using the methodology that was proposed by the SWFWMD. The problems associated with using the TMDL 2007 methods to reach undeveloped conditions are also discussed further in this report.

Pond sizes were initially estimated by dividing the attenuation volume by the anticipated design depth, which determines the area needed for the attenuation volume. The dry detention ponds were then analyzed for drawdown recovery to meet the requirements of chapter 14-86 F.A.C. using the software AdICPR PercPack by Streamline Technologies, Inc. The initial pond bottom elevations were raised as necessary to achieve the required recovery times.

The drawdown analysis for chapter 14-86 F.A.C. (attenuation volume recovery) was the controlling factor for the dry retention ponds. The TMDL calculations for 80% recovery are provided, but since this volume occupies the same space and is smaller than dry retention volume, they do not control pond sizes. A combination of the attenuation volumes and the pre-treatment cells were the controlling factors for the wet ponds. The TMDL calculations for 80% recovery are provided and the pre-treatment portions of these calculations were used with the wet detention to determine the pond sizes.

Key results from the selection and evaluation of potential pond sites are shown in **Table 1**:

Table 1
Potential Pond Site Evaluation

Basin/ Pond Number	R/W area (ac)	Wetland Impacts (ac)	Threatened and Endangered Species Potential Occurrence	Contamination	Archaeological	Historical	Estimated ROW Acquisition Costs
100	4.51	0.00	Low	Low	Low	None	$2,818,800
200	1.87	0.00	Low	Low	Low	None	$3,963,400
300	3.01	0.01	Low	None	Moderate	None	$2,946,700
400	3.60	0.00	Low	None	Moderate	None	$1,944,800
500	5.64	0.00	Low	Low	Low	None	$2,559,000
600	14.84	0.00	Moderate	None	Low	None	$4,081,700
700	2.05	0.00	Low	Low	Moderate	None	$1,056,200
800	5.58	0.00	Moderate	None	Moderate	None	$2,765,800
1000	4.69	0.05	Low	Low	Low	None	$2,650,100
FPC1	6.19	0.00	Low	None	Low	ca. 1953 bldg.*	
1100	1.91	0.00	Low	None	Moderate	None	$2,034,500
FPC2	2.00	0.00	Low	None	Moderate	None	
1200	5.36	0.00	Low	None	Moderate	None	$1,441,700
1300	0.88	0.00	Moderate	None	Low	None	$834,400

The information presented in this table is subject to change until the final Phase of the project.
* This building is located on the same parcel as the potential floodplain compensation site, but is outside of the footprint for the site.

The first basin (Basin 90) is in Segment A of the study and extends from the beginning of the project at Geiger Road (station 360+00) to Fort King Road (Station 373+00). This basin was also designated Basin 6 in the Final Conceptual Pond Siting Report for US 301 (SR 41) from SR 39 to CR 54 (W.P.I. 256422 1; F.A.P. 1455-001-U) dated May 2001. The design for the project to the south addressed in that Pond Siting Report was recently started by others. Either the pond site recommended in the previous report, or a pond site selected for the project to the south should be used for this basin since the project is currently in design.

The twelve potential pond sites and two potential floodplain compensation sites were identified for the basins and anticipated flood plain impacts along the project. Suitable pond locations were identified based on consideration of drainage, right-of-way and environmental. These sites were sized based on attenuation requirements and also evaluated for water quality using 2007 TMDL methods. The wetlands and threatened and endangered species potential occurrence are discussed in the Wetlands Evaluation and Biological Assessment Report prepared for this project. The Moderate rankings for threatened and endangered species potential occurrence are based on habitat that could support wildlife. This was primarily habitat for Gopher Tortoise and the Eastern Indigo Snake. This ranking does not indicate actual presence of these species on the sites. None of the potential pond sites have known archaeological or historic structures involvement.

Potential contamination of these sites was addressed in the "Contamination Screening Evaluation Report" prepared for this project with the results summarized in **Table 1-1**. The archaeological/ historical resources evaluations of these sites are addressed in the "Cultural Resources Assessment Report" and are also summarized in **Table 1-1**. There are no Section 4(f) issues associated with the location of the potential pond sites identified in this report. Estimated acquisition costs are provided in the PD&E Study's Project Development Summary Report (PDSR).

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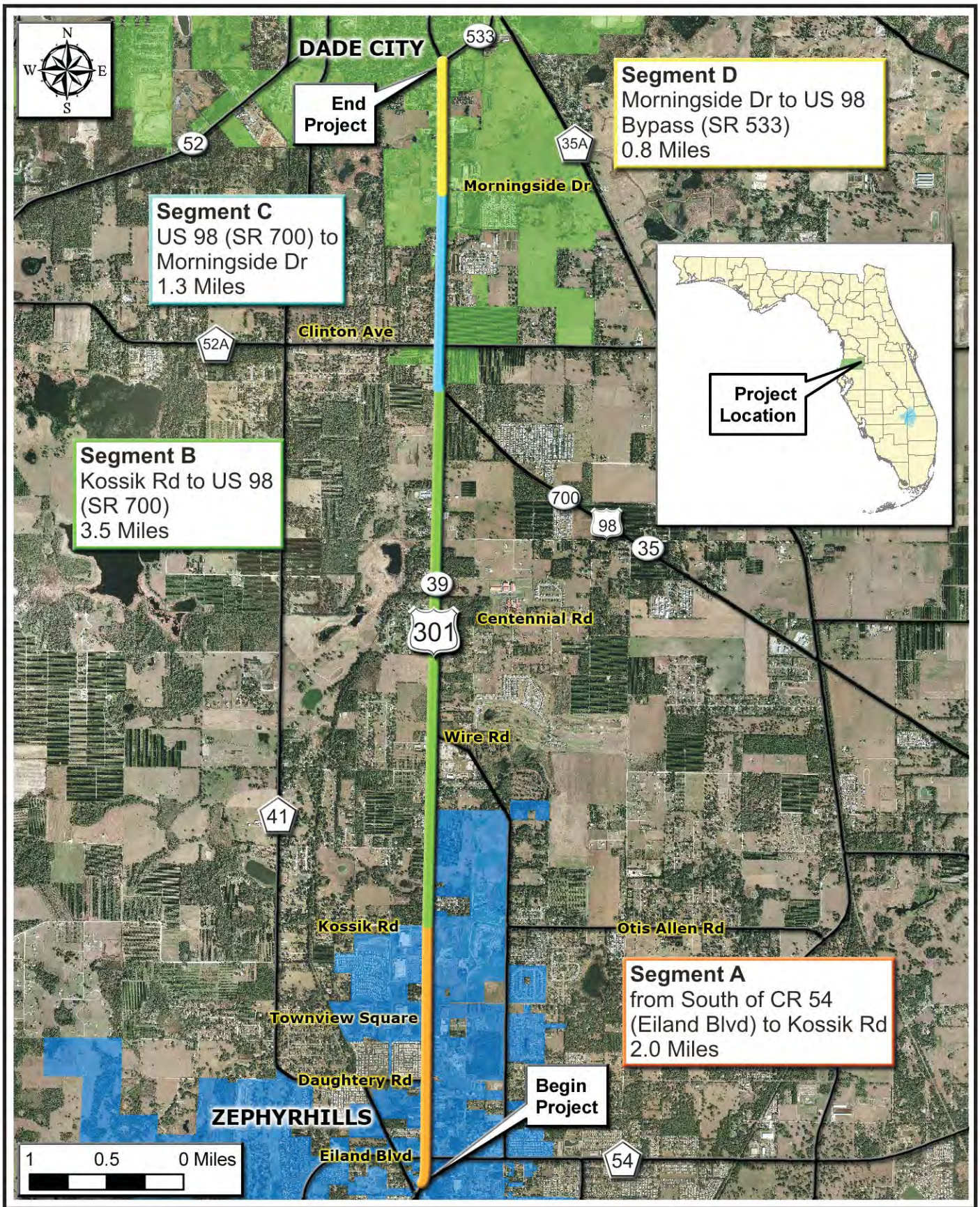
SECTION 1
INTRODUCTION

The Florida Department of Transportation (FDOT) conducted a Project Development and Environment (PD&E) Study to evaluate improvements to US 301 (SR 39) in eastern Pasco County. The project location is illustrated on **Figure 1-1**. The limits of the study corridor are from south of CR 54 (Eiland Boulevard) to the US 98 Bypass (SR 533), a project length of 7.6 miles.

The objective of the PD&E Study was to provide documented environmental and engineering analyses, which would assist the FDOT and the Federal Highway Administration (FHWA) in reaching a decision on the type, conceptual design and location of the necessary improvements within the US 301 PD&E study limits to accommodate future transportation needs in a safe and efficient manner. This Stormwater Management Facilities Report (SMFR) was prepared as part of the PD&E Study.



US 301 (SR 39) PD&E Study from South of CR 54 (Eiland Boulevard) to US 98 Bypass (SR 533)	**LOCATION MAP**	**FIGURE 1-1**

SECTION 2
PROPOSED IMPROVEMENTS

2.1 PROJECT DESCRIPTION

US 301 is a four-lane divided north-south arterial that connects the cities of Zephyrhills and Dade City. The US 301 roadway provides an important connection to the regional and statewide transportation network linking the Tampa Bay region to the remainder of the state and nation. US 301 is identified as a regional roadway by the West Central Florida Metropolitan Planning Organization's (MPO's) Chairs Coordinating Committee (CCC) and is included in the Regional Roadway Network.

US 301 is designated as an emergency evacuation route and currently operates as an existing truck route. The 2035 Cost Affordable Roadway Plan of the Pasco County MPO Long Range Transportation Plan (LRTP) identifies the need to widen US 301 to six lanes from south of CR 54 to Kossik Road and from south of US 98 (SR 700) to CR 52A (Clinton Avenue). This PD&E study evaluated the physical, social, cultural, environmental and economic impacts of providing alternative improvements to US 301 that included, but were not limited to, a No-Build Alternative, Build Alternatives that consider the widening of US 301 to six lanes from south of CR 54 to US 98 Bypass, Transportation System Management (TSM) improvements and median modifications to improve safety and mobility throughout the limits of the PD&E study.

2.2 PURPOSE AND NEED

Motorists in Pasco County are faced with increased traffic congestion and delays as demand from the County's growth continues to place pressure on the existing transportation system. To assess the effects of continued growth along US 301, the FDOT initiated a PD&E Study that evaluates the impacts of providing alternative roadway capacity improvements to the facility. The purpose of this PD&E Study is to develop a plan to accommodate future growth in an organized manner and to maintain mobility along a regionally significant transportation corridor. The need for improvements along US 301 within the study limits was developed based on the evaluation of the following criteria:

- Existing and future quality of traffic operations along US 301 assuming the existing roadway conditions.
- traffic safety conditions for the time period between the years 2003 and 2007,
- consistency with local government plans, and
- projected future socioeconomic growth of Pasco County.

2.3 PROJECT SEGMENTATION

The project was divided in segments to effectively assess and compare the impacts of each alternative within the different geographical areas of the study corridor. After considering the existing right-of-way (ROW) along US 301, existing traffic volumes and land use patterns, and the locations of cross streets, the project was divided into four study segments. These segments are illustrated on **Figure 1-1** and can be described as follows:

- Segment A: South of CR 54 to Kossik Road, a distance of 2.0 miles,
- Segment B: Kossik Road to US 98, a distance of 3.5 miles,
- Segment C: US 98 to Morningside Drive, a distance of 1.3 miles, and
- Segment D: Morningside Drive to US 98 Bypass, a distance of 0.8 miles.

The pond siting evaluations are based on these study segments.

2.4 BUILD ALTERNATIVE SELECTION

An Alternatives Public Workshop was held on June 3, 2009. The purpose of the workshop was to solicit public input regarding the proposed alternatives for the project. On July 16, 2009 the FDOT determined that the recommended alternative, a Build Alternative, would be presented at the Study's Public Hearing (in addition to the No Build Alternative). The recommended alternative selection was based on the results of the project's impact evaluation, public feedback received during the public involvement process, and a need to be consistent with area transportation plans.

The Recommended Build Alternative presented at the Public Hearing on November 3, 2009 consisted of the six-lane widening of US 301 in Segment A only (south of CR 54 to north of Kossik Road). The analysis indicated that the projected traffic volumes do not support the need to widen US 301 to six lanes in Segments B and C. In Segment D, the six-lane widening is not planned to be implemented for the following reasons: 1) Segment D is a relatively short segment (0.8 miles) with acute ROW constraints (only 100 feet of ROW) thus making the required ROW acquisition costs high; 2) the proposed six-lane widening is currently not identified in the 2035 Cost Affordable Roadway Plan of the Pasco County LRTP, 3) and there are capacity constrained routes at the northern terminus of the Study limits that are not planned for improvement in any current transportation plans. Therefore, these routes would be unable to accommodate the additional lanes.

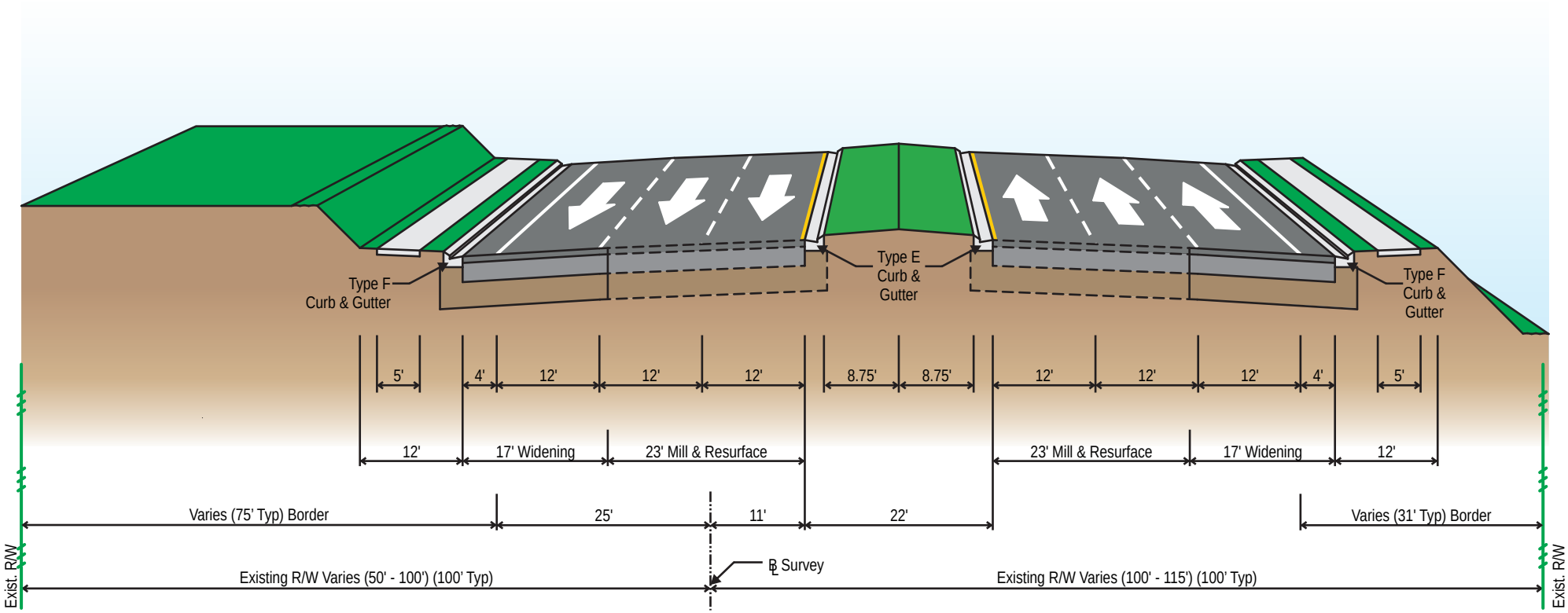
The typical section that was recommended for Segment A of the project corridor is described as a low speed urban typical section. This typical section was selected as the recommended Build Alternative

because it would minimize the overall ROW acquisition cost associated with implementing the project. The recommended typical section for Segment A is illustrated on **Figure 2-1**.

As stated above, the Recommended Build Alternative would widen US 301 to a six-lane roadway in Segment A (from south of CR 54 to north of Kossik Road) only and maintain the existing four-lanes on US 301 in Segments B through D (from north of Kossik Road to US 98 Bypass). Notably, the section of US 301 between Kossik Road and Wire Road will be used to transition the recommended six-lanes into the existing four-lane roadway. Further, to minimize traffic congestion and improve safety north of Kossik Road, TSM improvements were also recommended. The TSM improvements could include, but not be limited to, median modifications on US 301 from north of Kossik Road to US 98 Bypass and turn lane improvements at four signalized intersections: Centennial Road, CR 52A, Morningside Drive and US 98 Bypass.

The Recommended Build Alternative developed for the US 301 PD&E Study is required to be consistent with the Pasco County Metropolitan Planning Organization's (MPO) Cost Affordable Roadway Long Range Transportation Plan (LRTP). The Recommended Build Alternative presented at the Study's Public Hearing on November 4, 2009 was consistent with the Pasco MPO 2025 Cost Affordable LRTP. Subsequent to the Public Hearing, the Pasco County MPO adopted their 2035 LRTP on December 10, 2009. The adopted 2035 Cost Affordable Roadway Plan contains an additional roadway segment on US 301 between US 98 and CR 52A where six-lanes are proposed in addition to the six-lane roadway section on US 301 from south of CR 54 to Kossik Road.

Therefore, the Recommended Build Alternative consists of widening US 301 to a six-lane roadway facility in Segment A (from south of CR 54 to north of Kossik Road) and a portion of Segment C from south of US 98 to CR 52A. Elsewhere within the study limits, the existing four-lanes on US 301 in Segments B-D (from north of Kossik Road to US 98 Bypass) will remain as is. The recommended typical section for the six-lane widening is a low-speed urban typical section within Segment A (shown in **Figure 2-1**), and a rural typical section within the portion of Segment C between US 98 to and CR 52A (shown in **Figure 2-2**). To minimize traffic congestion and improve safety north of Kossik Road, TSM improvements will be provided at three signalized intersections: Centennial Road, Morningside Drive, and US 98 Bypass. The previously recommended TSM improvements at CR 52A would be constructed as part of the widening in the portion of Segment C. A summary of the evaluation of SMF impacts related to the revised Recommended Build Alternative is provided in the following sections.



Design Speed = 45 mph

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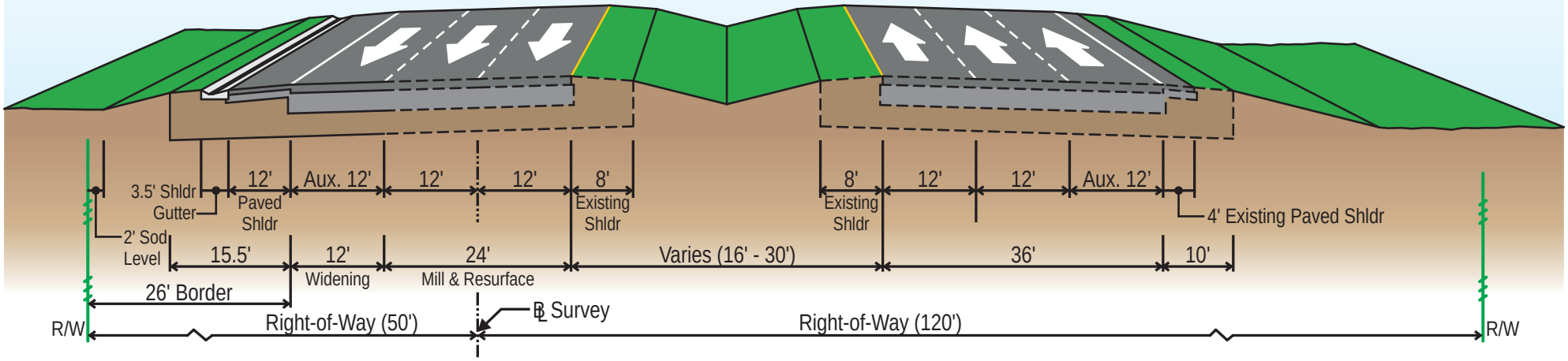
ROADWAY TYPICAL SECTION
FROM SOUTH OF CR 54 (EILAND BOULEVARD) TO
NORTH OF KOSSIK ROAD
SEGMENT A - RECOMMENDED ALTERNATIVE

FIGURE 2-1



Design Speed = 55 mph

US 301 (SR 39) PD&E Study from South of CR 54 (Eiland Boulevard) to US 98 Bypass (SR 533)	**RECOMMENDED ROADWAY TYPICAL SECTION FROM US 98 (SR 700) TO CR 52A (CLINTON AVENUE)**	**FIGURE 2-2**

SECTION 3
STORMWATER MANAGEMENT REQUIREMENTS

This project lies within the jurisdiction of the Southwest Florida Water Management District (SWFWMD) and will require an Environmental Resource Permit (ERP) for the stormwater management systems. The systems must be designed to provide the required water quality treatment and attenuation.

3.1 WATER QUALITY REQUIREMENTS

Water quality will be required to meet the requirements of the SWFWMD. A meeting was conducted with the SWFWMD on March 10, 2009 to discuss the requirements for this project. A copy of the minutes from this meeting is included in **Appendix C** – Project Coordination. It was indicated during this meeting that the project will probably need to address Total Maximum Daily Loading (TMDL) rules that have not been approved at this time. The TMDL methodology is presented in the report "Evaluation of Current Stormwater Design Criteria within the State of Florida" by Harvey H. Harper, Ph.D., P.E. and David M. Baker, P.E. dated June 2007 and shall be referred to as the 2007 TMDL methods through the remainder of this report.

The 2007 TMDL methods can be designed to meet two different requirements. The first requirement is to provide an 80% reduction in pollutant loading. The second requirement is to provide no increase in pollutant loading over the undeveloped (natural) conditions at the site. The SWFWMD indicated at the March 10, 2009 meeting that they will probably require the more stringent requirement for meeting TMDL undeveloped (natural) conditions. The calculations were performed for meeting both the undeveloped conditions and the 80% reduction in pollutant loading.

The design to meet undeveloped conditions could not be determined for three of the five sites analyzed due to numerical limitations in the procedures. The 2007 TMDL methodology has an upper limit of treating four inches of run-off over the entire basin area based on tables in the report. The amount of treatment required (in inches of run-off) is based on the CN of the Non-Directly Connected Impervious Area (NDCIA) and the percentage of DCIA in the post developed conditions. A CN of 39 is common for the pervious areas along this project and reaches four inches of run-off to meet undeveloped ruderal/upland pine conditions when the post-developed DCIA is 67.16%. The DCIA was greater than 67.16% for three of the sites evaluated and therefore the treatment volume can not be

determined using these procedures. Providing water quality treatment to match undeveloped conditions also does not appear to be supported by any laws at this time.

3.2 WATER QUANTITY REQUIREMENTS

Water quantity will need to meet the following requirements:

- Chapter 14-86 F.A.C., Rules of the Florida Department of Transportation.
- Chapter 40D-4 F.A.C. for the Southwest Florida Water Management District, and
- Drainage Basins of Special Concern as identified in Pasco County's Land Development Code Section 605.7 (for the East Zephyrhills Basin).

SECTION 4
EXISTING CONDITIONS

4.1 DESIGN INFORMATION SOURCES

The design information sources are listed below.

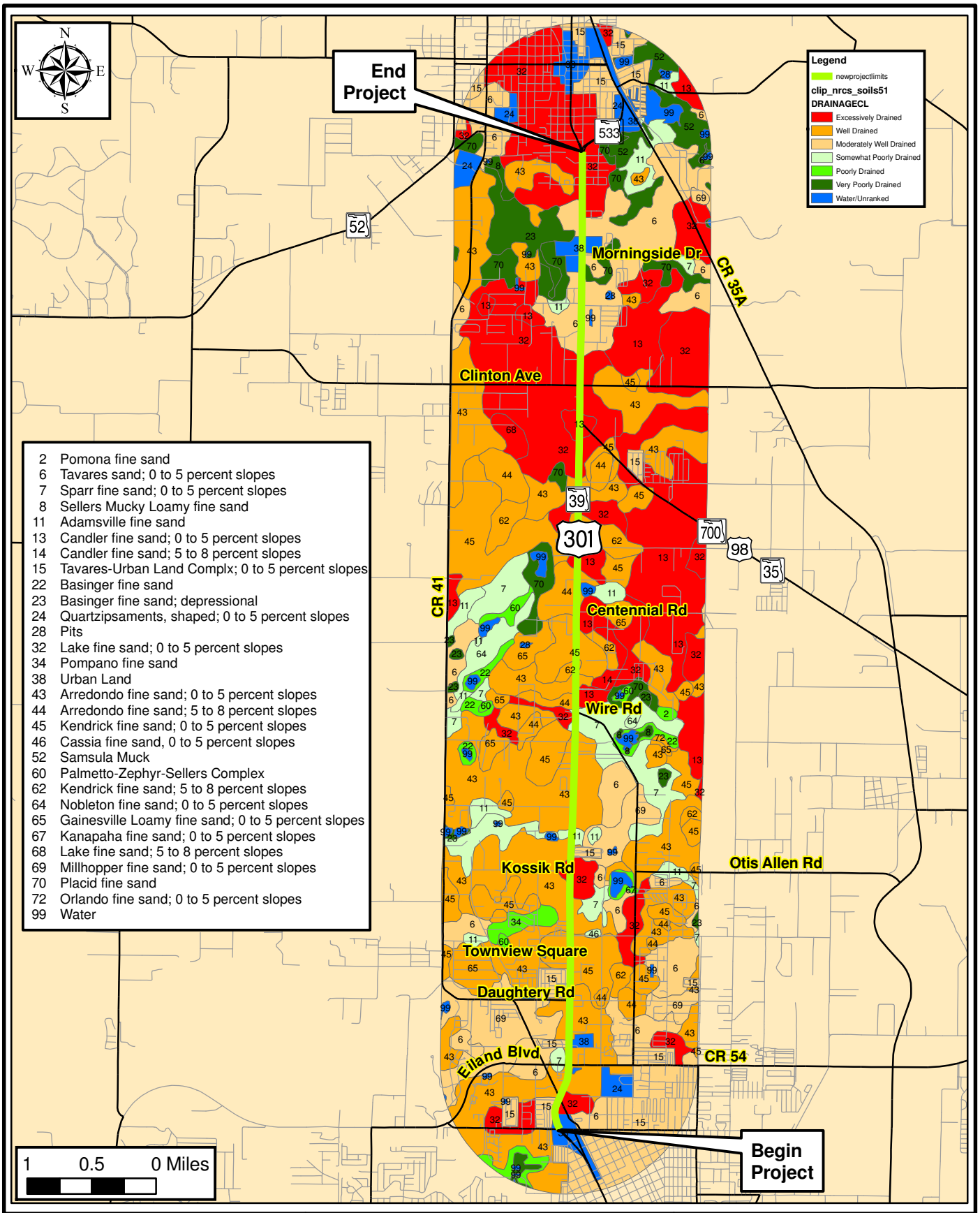
1) FDOT Drainage Handbook – Stormwater Management Facility, dated January 2004.
2) SWFWMD Permit Information Manual, dated June 2008.
3) Soil Survey of Pasco County, Florida, dated June 1982.
4) Field reviews by HDR Engineering staff.
5) FEMA Flood Insurance Rate Maps and Firmettes
6) USGS Quadrangle Maps
7) Conversations with FDOT Maintenance personnel
8) Pasco County Land Development Code
9) Evaluation of Current Stormwater Design Criteria within the State of Florida (June 2007)
10) FDOT Drainage Manual (2009)
11) USDA NRCS Urban Hydrology for Small Watersheds TR-55 (June 1986)

The project location was also compared to the "Tampa Bay DRI Types" map prepared by the Tampa Bay Regional Planning Council and it was determined that there are no Developments of Regional Impacts (DRI's) along the project. Therefore, there are no DRI's affecting the drainage design and sizes of the proposed ponds. A copy of this map is included in **Appendix C**.

4.2 SOILS DATA

The soils within the project limits were categorized according to the U. S. Department of Agriculture Natural Resources Conservation Service (NRCS – formerly SCS) Soil Survey of Pasco County, Florida (1982). The soils along the project are shown in **Figure 4-1** along with identification of the predominant soil categories.

Borings for pond sites are not conducted during the PD&E phase of projects; therefore the SCS soil survey for Pasco County, Florida was used to estimate the types of soils present and the depth of the Seasonal High Water table (SHW).



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SOIL CLASSIFICATION

FIGURE 4-1

According to the soil survey, the predominant soil types within the project corridor are Tavares (HSG A) sand which is moderately well drained with SHW depths of 3.5-feet to 6-feet, and Lake Fine Sand (HSG A), Arredondo Fine Sand (HSG A) and Kendrick Fine Sand (HSG A) which are well drained to excessively well drained with SHW depths greater than 6-feet.

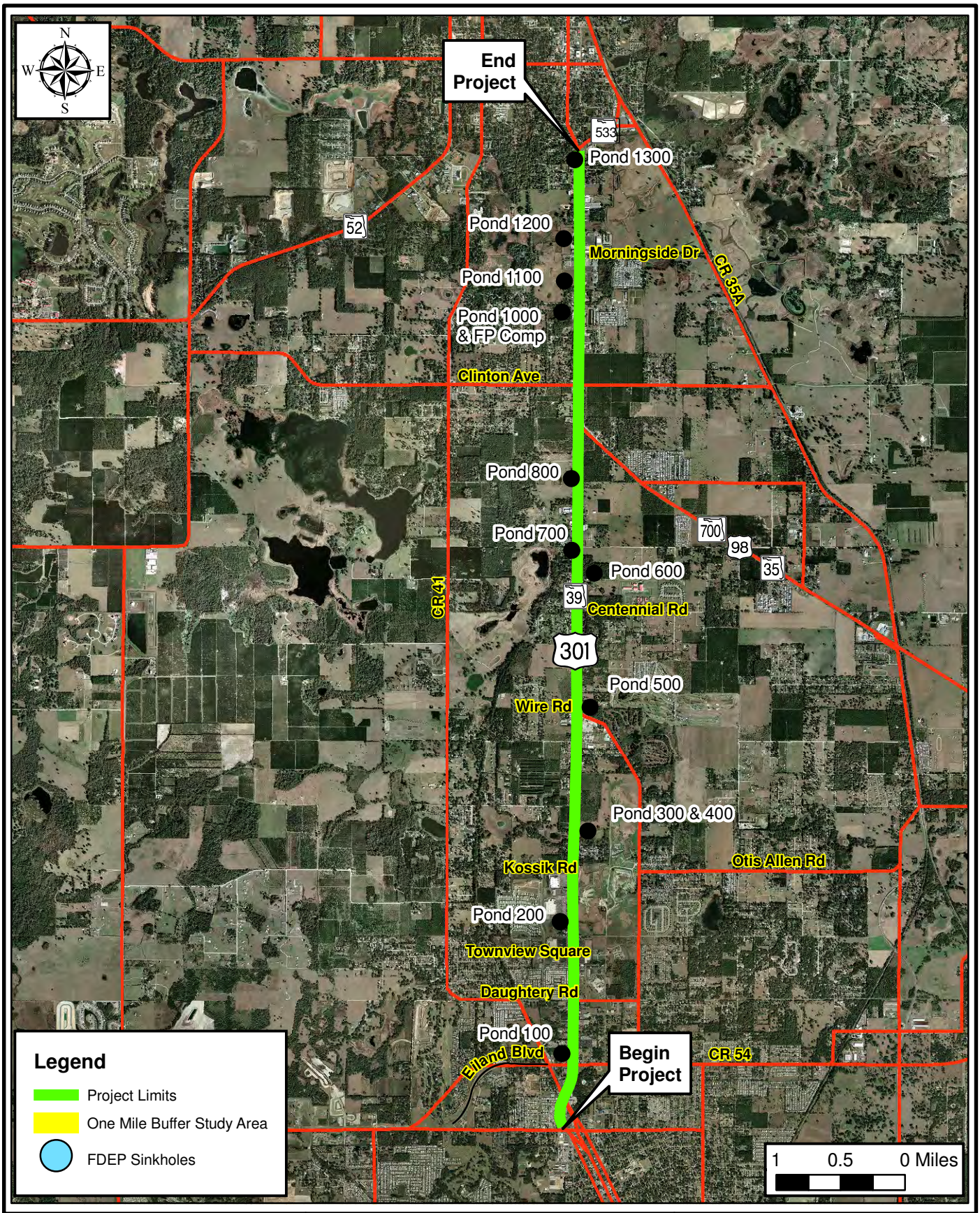
Areas disturbed by human activity were given careful consideration when estimating seasonal high groundwater levels from the SCS soil survey. Adjacent soils and water elevations were reviewed at all areas that appeared to have the disturbed soils. The establishment of an accurate SHW is critical to the proper design of a stormwater management facility, and a geotechnical investigation should be performed at each site to determine the depth to groundwater during the design phase of this project.

Information on sinkholes was obtained from the Florida Department of Environmental Protection (FDEP) web-site that shows no sink holes in the immediate vicinity of the potential pond sites. A map of the FDEP sink holes is shown in **Figure 4-2.**

4.3 EXISTING DRAINAGE PATTERNS AND LOCAL DRAINAGE RELATED PROBLEMS

Major drainage basins along the project were initially determined by comparing SWFWMD basins (the "dbasin" layer from the GIS information on the SWFWMD internet site) with ground contours. The ground contours were obtained from SWFWMD Lidar information and is on the North American Vertical Datum of 1988 (NAVD 88). The FEMA 100-year stages are based on the NGVD 1929 vertical datum. The estimated conversion between the two datum's in the vicinity of the project is Elevation NGVD $_{1929}$ – 0.85 feet = Elevation NAVD $_{1988}$. There are three major basins, which are (from south to north) the Zephyrhills Airport Run, the Noncontributing Area and the Tank Lake Outlet. The SWFWMD drainage basins are shown in **Figure 4-3.**

The Noncontributing Area and the Zephyrhills Airport Run are within the East Zephyrhills basin as identified by Pasco County. Pasco County has specific criteria for the East Zephyrhills Basin so this basin name was used in the remainder of this report instead of Zephyrhills Airport Run and Noncontributing Area. The East Zephyrhills Basin was designated as a Closed Drainage Basin of Special Concern in the Pasco County Land Development Code section 605.7. As a Closed Drainage Basin of Special Concern there are special requirements including that the runoff volume shall be limited to pre-development conditions such that there shall be no increase in the volume of runoff



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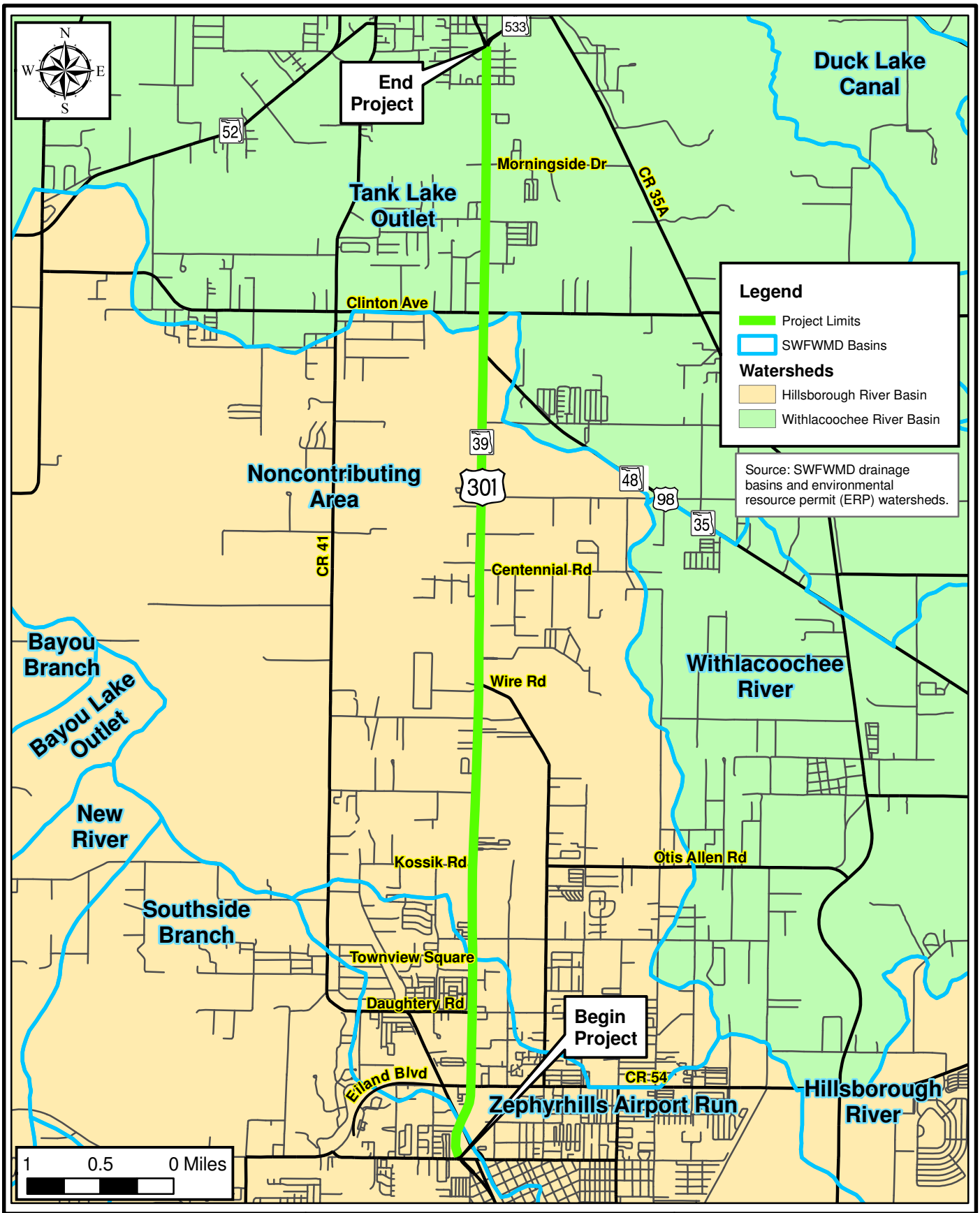
to US 98 Bypass (SR 533)

FDEP SINKHOLES

FIGURE 4-2



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SWFWMD DRAINAGE BASINS

FIGURE 4-3

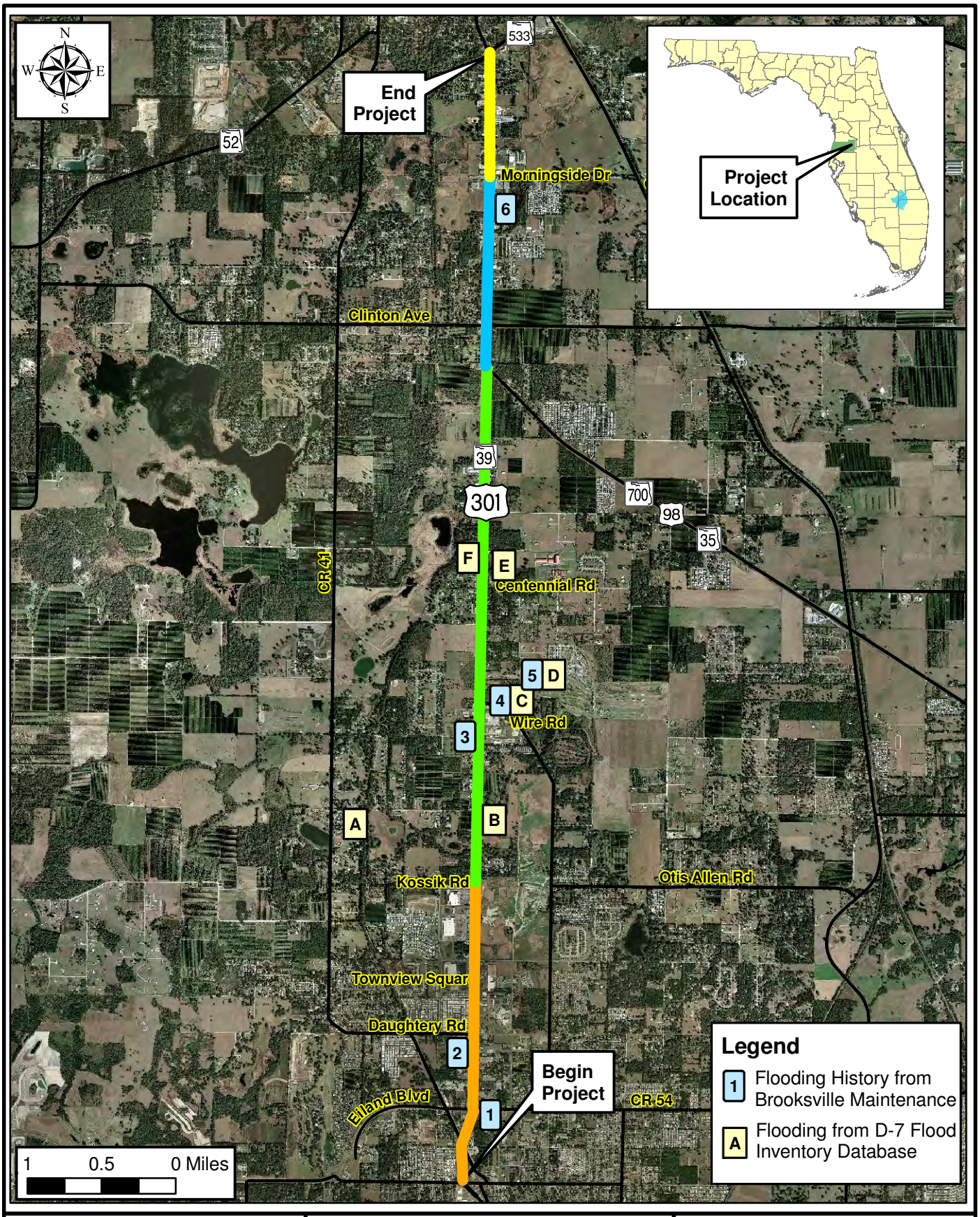
resulting from development activity for a 100-year return frequency, 10-day (19.5") duration storm event. The Tank Lake Outlet is designated as a Drainage Basin of Special Concern west of the old railroad berm. The old railroad berm is located upstream of this project and the portion of the Tank Lake Outlet basin within these project limits was not a Drainage Basin of Special Concern.

The Pasco County maps showing the limits of these Drainage Basins of Special Concern are included in **Appendix C**.

Existing roadway drainage is conveyed by curb and gutter with storm sewer at two locations on the project. The first location is from station 544+60 to 584+60 and includes recommended TSM intersection improvements for Centennial Road. The second location is from station 732+80 to 760+00 and includes TSM intersection improvements at the end of the project. These areas should use curb and gutter with storm sewer to avoid wetland impacts and right-of-way taking.

Information on flooding history along the project was obtained from the Florida Department of Transportation (FDOT) – Brooksville Maintenance Department (documented in Telephone Reports in **Appendix C**) as well as from the FDOT Flood Investigation Database. Copies of the summary information from the Flood Investigation Database are shown in **Appendix D**. The conversations with the maintenance department have been assigned numerical identification for the descriptions below. Likewise, the flood data inventory areas along the project have been assigned letter identifications. The locations of the areas with reported flooding are shown in **Figure 4-4.** In the telephone conversations with the maintenance department, six areas were discussed and they are as follows.

1. At the intersection of US 301 and CR 54 there are 4-inlets, one at each corner, that flood routinely. There used to be a railroad track that ran on the east side of US 301 years ago. When it was demolished, the outfall and cross-drain for the intersection drainage system was plugged with cement. Due to the lack of outfall, this system has no where to flow. After countless flooding complaints, the maintenance department went in and drilled holes in the bottom of each inlet so that water could seep out. Nothing more has been done to correct this issue.
2. The area just to the North of CR 54 on the west side of US 301, between the Golden Corral and the car wash, is experiencing erosion problems. The city of Zephyrhills constructed a frontage road and in the process apparently blocked an outfall. The FDOT went in and cleared out the drain but now when it rains, the velocities are so high it is causing erosion. The tree roots are getting exposed as well.



US 301 (SR 39)
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FLOODING LOCATIONS

FIGURE 4-4

3. On the west side of Bailey Hill Road at the intersection of US 301. Due to the road not being paved, sediment gets washed into the sump. The maintenance department cleans it out 3-4 times a year

4. & 5. North of Kossick Road, on the east side of US 301, Scotland Yard Golf Course and Highlands Mobile Home Park often experience flooding. This area is located in a closed basin.

6. The area between Beth St. and McDonald often has flooding problems. The cause of this flooding was not discussed.

The following flooding problems are all from the FDOT Flood Investigation Database.

A. Margie Repole, a resident of Lake Dorthea Grove filed a flooding complaint saying that flood stages west of US 301 have been raised as a result of activities by Gore's Dairy (on the east side of 301) and problems with the box culvert under US 301. The flooding is occurring just to the east of Fort Kings Road.

B. Mr. Russell Pruvis owns property north of Kossik Road on the east side of US 301. He filed a flooding complaint stating that changes were made within the right-of-way during the last resurfacing project that increased the flow onto his property. He believes water was diverted from a westerly discharge out of the box culvert which now flows to him. It was noted that historically the water did discharge to the left. Mr. Pruvis has requested that the ground to the west of the structure be lowered 1.5' to replicate original conditions. The FDOT has warned him that this may not work in his favor. It was unclear whether this work has taken place or not.

C. This was not a flooding complaint. It was a permit request for Highlands Mobile Home Park and Scotland Yards Golf Club.

D. Bill Rinaldo, the owner of Scotland Yards Golf Club, filed a flooding complaint saying that the golf course is being flooded more than before. The FDOT performed a site investigation and discovered that his property is at the low point of a closed basin and the resurfacing project could not have added any significant volume of water to flow to his property. The drainage patterns in the area under the control of the FDOT have not been altered in many decades. This complaint was filed after the rains of the 6th wettest June in history (since 1890).

E. Francis Dorough believes that concrete ditches that were installed along US 301 are helping to carry silt into the lake on her property at US 301 and Maltby Road. She feels the

department needs to clean up her lake. The FDOT has determined that the lake is at the low point between two steep hills and is the natural receiving body of stormwater runoff for this basin. The ditches along 301 only carry a small portion of this runoff to the lake. Because of the steep slopes in the area, high velocity flows erode the ground and carry sands and dirt into the lake. The accumulation of silt in the lake is caused by natural erosion and not by the paved ditches the FDOT has installed.

F. Highland Turf and Tractor, located directly across the street from the intersection of US 301 and Maltby Road floods several times a year. The year the complaint was filed had abnormally high rainfall amounts. The area is also located at the low point of a closed basin.

4.4 EXISTING STORMWATER MANAGEMENT FACILITIES

Existing stormwater management facilities are located mostly at the southern and northern ends of the project. There are existing dry pond facilities located between US 301 and the frontage road from CR 54 to Daughtery Road. These dry pond facilities will most likely be impacted by widening of US 301. Other existing ponds privately owned and are located outside of the existing right-of-way and should be avoided by the widening if possible. The majority of the project discharges directly to ditches and depressional areas without water quality treatment and attenuation.

SECTION 5
DRAINAGE BASINS

Specific drainage basins were identified along the project based on outfall locations and large cross drains where it would be impractical to construct a pipe crossing the cross drain. The project specific drainage basins that are located in the East Zephyrhills basin are numbered 100 through 800. The specific drainage basins that are located in the Tank Lake Outlet basin are numbered 1000 through 1300.

5.1 DESIGN CRITERIA

One site for each basin was identified for this PD&E study in order to provide right-of-way cost estimates in accordance with the FDOT's Scope of Services. Sites were selected that are hydraulically feasible and located away from the road where possible to avoid the expense normally associated with frontage along major roads. These parcels were also located to avoid and/or minimize wetland impacts based on preliminary wetland lines. Preliminary archaeological, historical resources and contamination screenings were also conducted at each site.

The pond sites were evaluated for TMDL, attenuation and drawdown requirements for dry ponds in accordance with chapter 14-86 F.A.C. Ponds 100 through 800 are in the East Zephyrhills Basin and were evaluated for closed basin conditions. Ponds 1000 through 1300 are in the Tank Lake Outlet Basin and were evaluated for open basin conditions. The results from these evaluations were later used to assess the volume and area requirements for all of the potential pond sites. Details of the methods used are described below.

Water quality treatment is addressed by the 2007 TMDL methodology. Wet ponds were considered at locations with shallow depths to the SHW level. These systems would need some type of dry pre-treatment to achieve TMDL requirements even if two separate wet detention cells are used. TMDL calculations were performed to meet both the undeveloped conditions and 80% reduction in pollutant loading. These calculations to meet undeveloped conditions are included in **Appendix E** and show that 3 of the ponds go beyond the 4 inches of treatment that is limited in the procedure.

Attenuation volumes were calculated using 19.5 inches (100-year, 10-day event) of rainfall for ponds in the East Zephyrhills basin to meet the Pasco County Land Development Code and 11 inches (100-

year, 24-hour event) of rainfall was used in the Tank Lake Outlet basin to meet the requirements of Chapter 14-86, F.A.C. All of the attenuation volumes were calculated using the procedure in the TR-55, Urban Hydrology for Small Watersheds prepared by the US Department of Agriculture, Natural Resources Conservation Service, dated June 1986. The attenuation volumes occupy the same space as the TMDL volume when dry retention is used. The attenuation volume calculations are shown in **Appendix E**. These calculations include estimated areas for improvements along side streets as shown in the PD&E study.

The proposed Low Edge Of Through Lane (LEOTL) elevations were determined for each basin by finding the existing low edge of pavement using contour information and then subtracting one foot to estimate the elevation when the pavement is widened. Values used for each basin are shown in the calculations in **Appendix F** and are summarized in **Table 5-1**.

Table 5-1
Design Depth Information

Basin	Estimated Proposed LEOTL	Estimated Pond SHW Elevation	Average Ground Elevation at Pond Site	Preliminary Design Depth (ft)
100	88	83	89	3
200	121	100	126	6***
300	89	82	85	5
400	89	82	83	5
500	105	93	100	6***
600	87	82	106	3
700	114	94	102	4
800	95	84	88	6***
1000	77	73	80	2
1100	77	73	80	2
1200	78	75	76	1
1300	95	90	99	3

The information presented in this table is subject to change until the Final phase of the project.

*** = Anticipated upper limit of pond depth.

The Preliminary Design Depth was established by allowing for a Design High Water (DHW) to be 1 foot below the LEOTL and the pond bottom to be 1 foot above the SHW elevation for dry detention design. An upper limit of 6 feet was used for the depths when the SHW elevation was estimated more than 6 feet below the DHW to avoid problems with pond recovery time. This depth was later reduced in some cases for achieving drawdown requirements established in chapter 14-86 F.A.C.

5.2 METHODOLOGY

Pond sizes were initially estimated by dividing the attenuation volume by the anticipated design depth, which determines the area needed for the attenuation volume. The dry detention ponds were then analyzed for drawdown recovery to meet the requirements of chapter 14-86 F.A.C. using the software AdICPR PercPack by Streamline Technologies, Inc. The initial pond bottom elevations were raised as necessary to achieve the required recovery times. The pond volume and area calculations are shown in **Appendix G**. The area calculations include maintenance berm and tie-in widths. The wet ponds also include areas for a pre-treatment cell and a berm separating the cells.

The drawdown analysis for chapter 14-86 F.A.C. (attenuation volume recovery) was the controlling factor for the dry retention ponds. It was verified that the ponds will recover one-half of their attenuation volume in seven days and have full recovery in 30 days. The pond drawdown analyses for dry ponds are included in **Appendix H**. The TMDL calculations for 80% recovery are provided, but since this volume occupies the same space and is smaller than dry retention volume, they do not control pond sizes. A combination of the attenuation volumes and the pre-treatment cells were the controlling factors for the wet ponds. The TMDL calculations for 80% recovery are provided and the pre-treatment portions of these calculations were used with the wet detention to determine the pond sizes.

There are a three locations in basin 1100 where existing ponds could be impacted depending on which typical section is recommended. These three existing ponds are located on the right side of the road between stations 709+00 and 717+00. The urban typical sections were used for pond sizing since they have the greatest increase of impervious area. However, the rural typical sections have wider footprints that will impact existing ponds and often require whole takes of the parcels. Scenarios addressing impacts to the ponds depend on the typical section that is selected. Either typical section should have no net affect on pond needs. The wider typical section that covers large portions of the adjacent ponds will also require whole takes of some of the sites. In this case, existing pavement can be removed with expansion of the remaining ponds on the sites that are impacted by the roadway improvements.

5.3 BASIN DESCRIPTIONS

Descriptions of the basins for each pond site are provided in this section. The type of conveyance in each basin was determined by the proposed typical section. In Segment A a low speed urban typical section is recommended. The existing rural typical section within the portion of Segment C between

US 98 to and CR 52A will remain as is. The section of US 301 between Kossik Road and Wire Road will be used to transition the proposed six-lanes into the existing four-lane roadway. Build improvements are recommended on US 301 from south of US 98 to CR 52A by extending the existing southbound acceleration lane southward through the US 98 intersection. This additional outside through lane will be transitioned back into the existing four-lane typical section south of US 98. Elsewhere within the study limits, the existing four-lanes on US 301 in Segments B-D (from north of Kossik Road to US 98 Bypass) will remain as is. To minimize traffic congestion and improve safety north of Kossik Road, Transportation System Management (TSM) improvements will be provided. The TSM improvements will include, but not be limited to, median modifications on US 301 from north of Kossik Road to the US 98 Bypass and turn lane improvements at three signalized intersections: Centennial Road, Morningside Drive, and US 98 Bypass." The pond calculations allowed for one foot of clearance between the projected low edge of pavement and the top of the attenuation volume. The clearance to the attenuation volume will provide at least one foot of fall for the hydraulic grade line if storm sewer is used. The one foot clearance will also allow the pond berms to be set above the attenuation volumes while also being at or below the low edge of pavement elevations for any of the typical sections. Pond layouts are shown on Drainage Basin Maps provided in **Appendix I**. They are also shown on Tax Maps obtained from the Pasco County Property Appraiser's web site which are included in **Appendix J**.

Basin 90: This basin in Segment A of the study and extends from the beginning of the project at Geiger Road (station 360+00) to Fort King Road (Station 373+00). This basin was also designated Basin 6 in the Final Conceptual Pond Siting Report for US 301 (SR 41) from SR 39 to CR 54 (W.P.I. 256422 1; F.A.P. 1455-001-U) dated May 2001. The design for project to the south addressed in that Pond Siting Report was recently started by others. Either the pond site recommended in the previous report, or a pond site selected for the project to the south should be used for this basin since the project is currently in design.

Basin 100: This basin is located in Segment A of the study and extends from station 373+00 to station 432+75. Improvements to tie in along CR 54 are also included. This basin has several discharge points that are all located in closed basins. One site will provide attenuation and treatment due to the small size of the basin and to avoid several very small ponds. The proposed pond is located in the depressional area of one of the discharge locations. Flood events will need to be discharged by a smart outflow pipe that splits the flow to exit at station 400+00 and station 408+30, both to the west.

Basin 200: This basin is located in Segment A of the study and extends from station 432+75 to station 461+00. The pond will discharge to a cross drain at station 446+09. This cross drain flows to the east through the Zephyr Commons, which is currently under construction, and then to a lake approximately 1800 feet east of US 301. The lake is in a closed basin.

Information from the Zephyr Commons Drainage Connection Permit was reviewed to further evaluate this basin. Their plans were under construction and divided the basin into 3 basins. The northern basin flows to their pond which discharges on the east side of their site. The middle basin receives flow from the cross drain; then flows through their site via a bypass pipe and open ditch and then combines with the pond outflow on the east side of the site. The southern basin is combined with some of their site run-off and flows to chambers for percolation into the ground; this system has an overflow connection to the bypass system.

The minor divides between these 3 basins could be shifted so that the existing amount of paved area is maintained for the Zephyr Commons pond and percolation chamber. The increased paved area in the middle basin will be attenuated in the US 301 project pond before being discharged to the bypass pipe and ditch. The increased pavement area for the middle basin including the shifting is the same as the increased impervious area for the entire basin.

The US 301 pond analyzed in this report discharges to the cross drain and will flow through the Zephyr Commons by-pass (middle) system. The pond size estimated in this report does not change with the approach discussed above as it will treat and attenuate for the total increased impervious area. The increased impervious area for the total basin is directed to the pond site by shifting minor divides created by the Zephyr Commons design.

Basin 300: This basin is located in Segment B of the study and extends from station 461+00 to station 480+00. This pond will discharge to a lateral ditch on the downstream side of the cross drain at station 480+00. This ditch flows east to a small pond and then northeast to a depressional area that is approximately 2100 feet east of US 301. The depressional area is in a closed basin.

Basin 400: This basin is located in Segment B of the study and extends from station 480+00 to station 499+60. This pond will discharge to a lateral ditch on the downstream side of the cross drain at station 480+00. This ditch flows east to a small pond and then northeast to a depressional area that is approximately 2100 feet east of US 301. The depressional area is in a closed basin.

Basin 500: This basin is located in Segment B of the study and extends from station 499+60 to station 552+80. Improvements to tie in along Wire Road are also included. This pond would discharge to a low lying area that flows overland eastward to a depressional area that is about 2000 feet east of US 301.

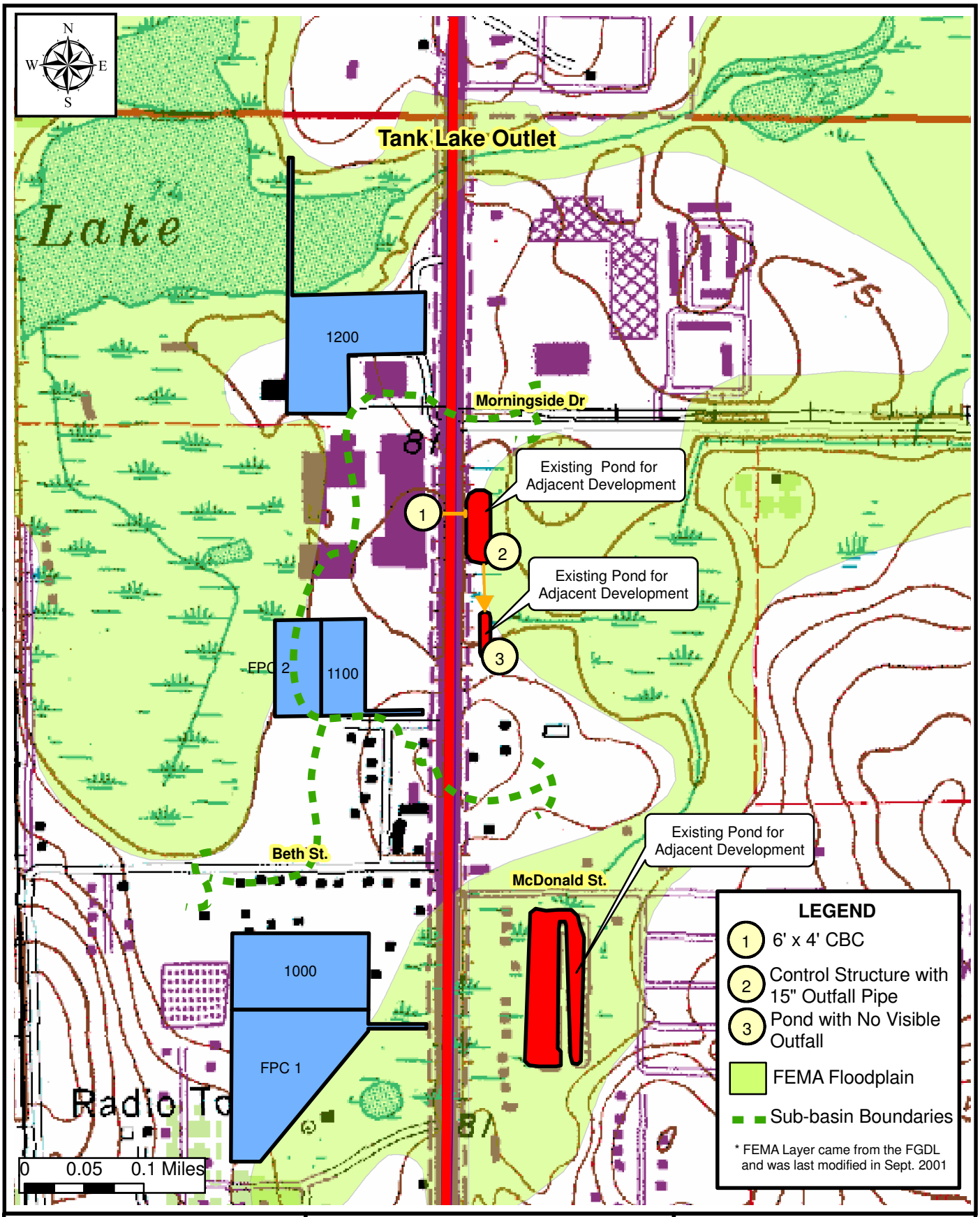
Basin 600: This basin is located in Segment B of the study and extends from station 552+80 to station 599+40. Improvements to tie in along Centennial Road are also included. This pond would discharge to the south to a wetland that is east of and adjacent to US 301. The wetland is in a closed basin.

Basin 700: This basin is located in Segment B of the study and extends from station 599+40 to station 608+80. This pond will discharge to a low lying area on the west side of the site and then flow westward to a lake that is approximately 1300 feet west of US 301. The lake is in a closed basin.

Basin 800: This basin is located in Segment B of the study and extends from station 608+80 to station 661+10. Improvements to tie in along US 98 are also included. This pond will discharge to an existing pond that is located on the west side of the site. The pond is in a closed basin.

Basin 1000: This basin is located in Segment C of the study and extends from station 661+10 to station 704+80. Improvements to tie in along the frontage road and CR 52A are also included. This site will discharge to the cross drain at station 694+11. The cross drain outfalls to a ditch system that flows east and then north where it combine with flows from the Tank Lake Outlet and then generally northeast to the Withlacoochee River.

Basin 1100: This basin is located in Segment C of the study and extends from station 704+80 to station 719+00. This area historically drained to the east to a tributary ditch of the Tan Lake Outlet. The development along the east side of the road was reviewed in the field and consists of two ponds that do not have a positive outfall. This adjacent development was built in the FEMA floodplain. This region is shown on USGS mapping in **Figure 5-1.** The figure also has the FEMA floodplain superimposed to verify the historical drainage pattern. This same location is shown on **Figure 5-2** to show the current conditions. The outflow from pond 1100 will need to be conveyed along the road directly to the Tank Lake Outlet cross drain at station 730+80. This outfall location is on a different branch of the existing conveyance, but only several hundred feet from where the branches converge.



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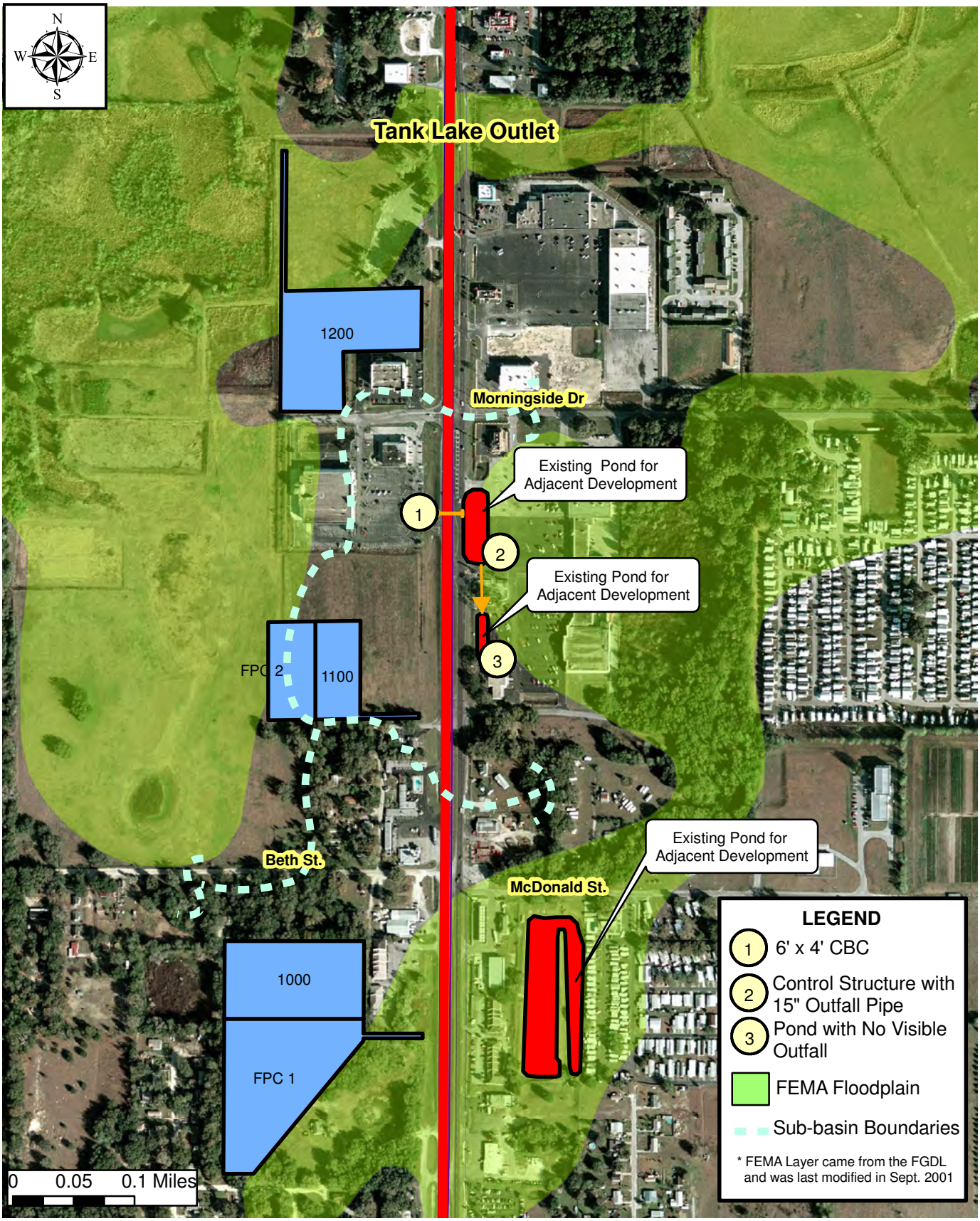
BASIN 1100 DETAILS (QUAD MAP)

FIGURE 5-1



US 301 (SR 39) PD&E Study from South of CR 54 (Eiland Boulevard) to US 98 Bypass (SR 533)	**BASIN 1100 DETAILS (AERIAL MAP)**	**FIGURE 5-2**

Basin 1200: This basin is located in Segment D of the study and extends from station 719+00 to station 748+70. Improvements to tie in along Morningside Drive are also included. This pond will discharge to the Tank Lake Outlet ditch on the north side of the site. This ditch flows east, through the cross drain at station 730+84, then east, northeast and then to the Withlacoochee River.

Basin 1300: This basin is located in Segment D of the study and extends from station 748+70 to station 757+00. This pond will discharge to a ditch on the east side of US 301 that flows north to the intersection with the US 98 Bypass, and then east through ditch systems that eventually discharge to the Withlacoochee River.

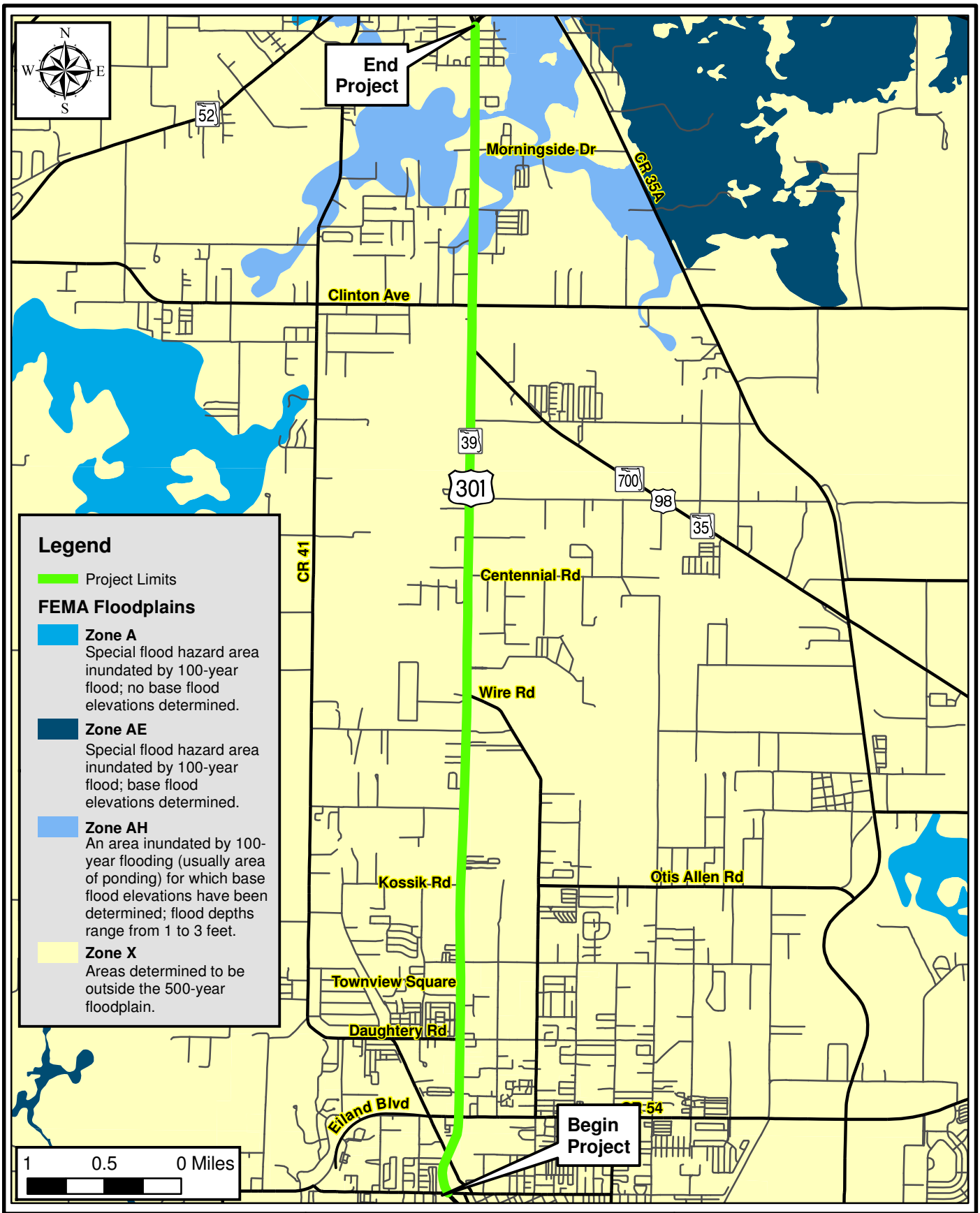
SECTION 6
BASE FLOODPLAIN INVOLVEMENT

The project crosses areas designated zone AH by the Federal Emergency Management Agency (FEMA) at three general locations that fall within two of the drainage basins identified for the project. These are areas where flood depths range from one to three feet. The first two impacts are located in basin 1000 and will have approximately 4.76 acres of impact. The last impact is located in basin 1100 and will have approximately 1.54 acres of impact. Floodplains are shown with community-panel numbers in **Figure 6-1.**

The base floodplain elevation is 78 NGVD 1929 (77.15 NAVD 1988) Floodplain compensation is typically based on volumetric calculations. The impact area can be used to size compensation sites since the depth from the SHW to the 100-year elevation was approximately the same at the compensation site as at the areas of impact. This is normally the case since the SWFWMD requires that the compensation site be situated close to the impacts. The impact areas were increased by 30% to allow for a slight variation in depths and area for tying the compensation sites in to the floodplain. Sites were selected that meet the following criteria:

- They are in the same basin impacted.
- They are as close as practical to the impacts.
- They are on uplands that are adjacent to and can connect to the floodplain.

The first site is called FPC1 and is adjacent to potential Pond Site 1000. The second site is called FPC2 and was placed on the same parcel as potential Pond Site 1100 to minimize right-of-way acquisition costs.



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FEMA FLOODPLAIN MAP

FIGURE 6-1

SECTION 7
EVALUATION AND CONCLUSION

Key results from the selection and evaluation of potential pond sites are shown in **Table 7-1**:

Table 7-1
Potential Pond Site Evaluation

Basin/ Pond Number	R/W area (ac)	Wetland Impacts (ac)	Threatened and Endangered Species Potential Occurrence	Contamination	Archaeological	Historical	Estimated Acquisition Costs
100	4.51	0.00	Low	Low	Low	None	$2,818,800
200	1.87	0.00	Low	Low	Low	None	$3,963,400
300	3.01	0.01	Low	None	Moderate	None	$2,946,700
400	3.60	0.00	Low	None	Moderate	None	$1,944,800
500	5.64	0.00	Low	Low	Low	None	$2,559,000
600	14.84	0.00	Moderate	None	Low	None	$4,081,700
700	2.05	0.00	Low	Low	Moderate	None	$1,056,200
800	5.58	0.00	Moderate	None	Moderate	None	$2,765,800
1000	4.69	0.05	Low	Low	Low	None	$2,650,100
FPC1	6.19	0.00	Low	None	Low	ca. 1953 bldg.*	
1100	1.91	0.00	Low	None	Moderate	None	$2,034,500
FPC2	2.00	0.00	Low	None	Moderate	None	
1200	5.36	0.00	Low	None	Moderate	None	$1,441,700
1300	0.88	0.00	Moderate	None	Low	None	$834,400

The information presented in this table is subject to change until the Final phase of the project.
* This building is located on the same parcel as the potential flood plain compensation site, but is outside of the footprint for the site.

The twelve potential pond sites and two potential floodplain compensation sites were identified for the basins and anticipated flood plain impacts along the project. Suitable pond locations were identified based on consideration of drainage, right-of-way and environmental. These sites were sized based on attenuation requirements and also evaluated for water quality using 2007 TMDL methods. The wetlands and threatened and endangered species potential occurrence are discussed in the Wetland Environmental and Biological Assessment Report prepared for this project. None of the

potential pond sites have known archaeological sites or historic structures within their footprint. The pond Right-of-Way acquisition costs are shown in **Appendix M**.

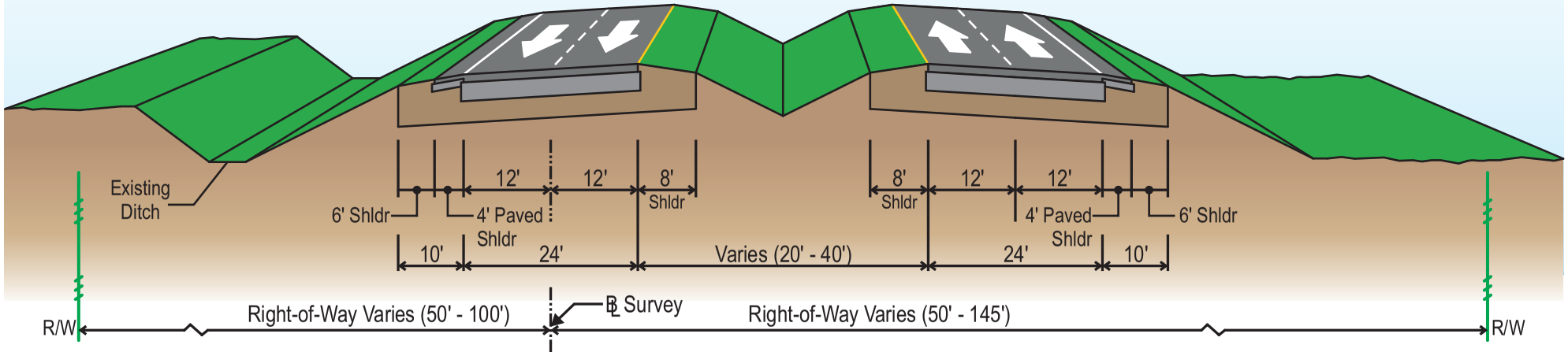
Potential contamination within these sites was addressed in the "Contamination Screening Evaluation Report" prepared for this project with the results summarized in Table 7-1. The archaeological/ historical resources evaluations of these sites were addressed in the "Cultural Resources Assessment Report" and are also summarized in Table 7-1. There were no Section 4(f) issues associated with the location of the potential pond sites identified in this report. Estimated acquisition costs are provided in **Table 7-1**.

The drawdown analysis for chapter 14-86 F.A.C. (attenuation volume recovery) was the controlling factor for the dry retention ponds. The TMDL calculations for 80% recovery are provided, but since this volume occupies the same space and is smaller than dry retention volume, they do not control pond sizes. A combination of the attenuation volumes and the pre-treatment cells were the controlling factors for the wet ponds. The TMDL calculations for 80% recovery are provided and the pre-treatment portions of these calculations were used with the wet detention to determine the pond sizes.

The pond sites in segments B through D (north of the first drainage basin) were sized based on six-lane improvements. The recommended TSM improvements in these basins might not require pond sites. If it is determined during design that the TSM improvements cross permitting thresholds that require pond sites, then purchasing SMF sites for the ultimate design to cover the TSM improvements could be considered.

APPENDIX A

EXISTING TYPICAL SECTIONS



Design Speed = 50 - 60 mph

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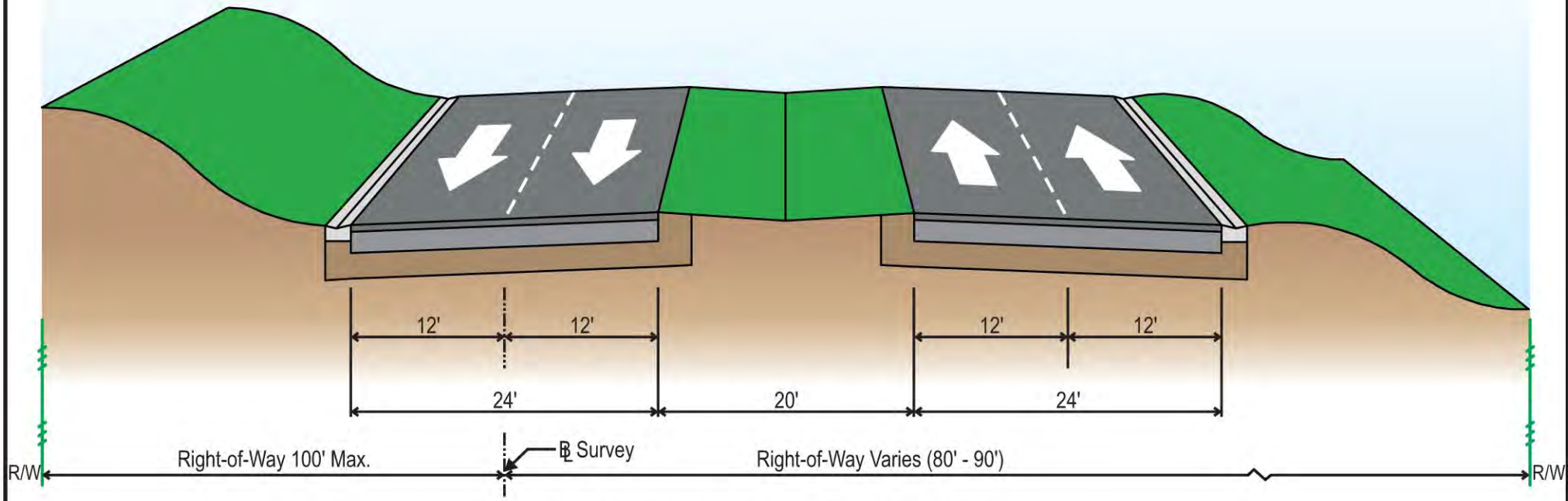
EXISTING ROADWAY TYPICAL SECTION FROM SOUTH OF CR 54 (EILAND BOULEVARD) TO NORTH OF WIRE ROAD AND FROM NORTH OF CENTENNIAL ROAD TO NORTH OF COUNTRYSIDE PLACE

FIGURE 4-1

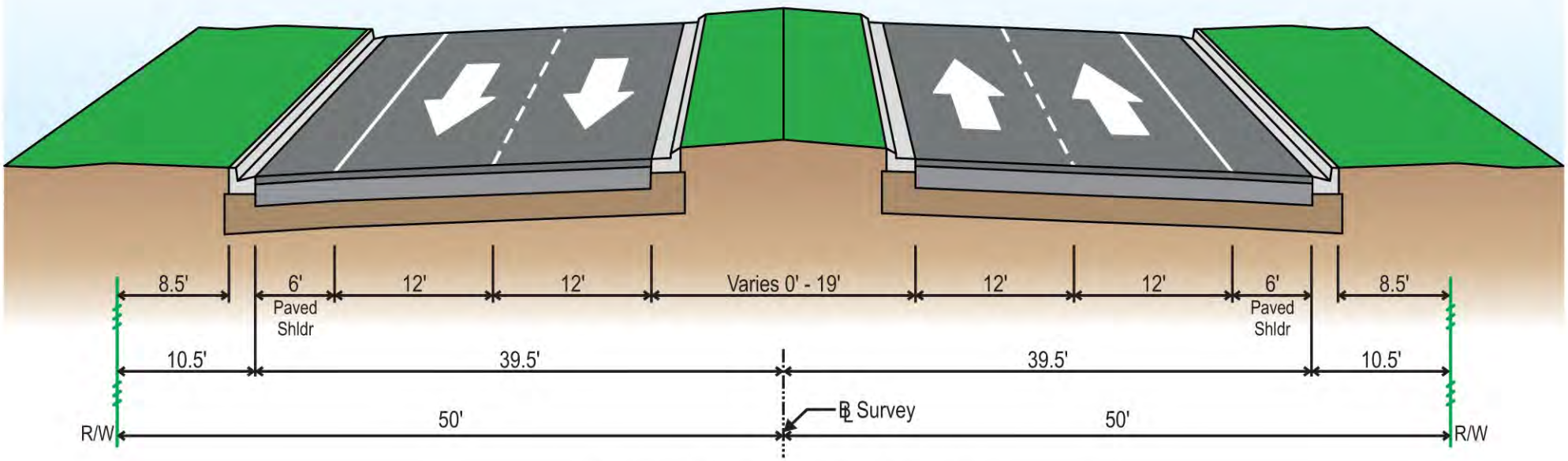


Design Speed = 50 - 60 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

EXISTING TYPICAL FROM NORTH OF WIRE ROAD TO NORTH OF CENTENNIAL ROAD

FIGURE 4-2



Design Speed = 40 - 50 mph

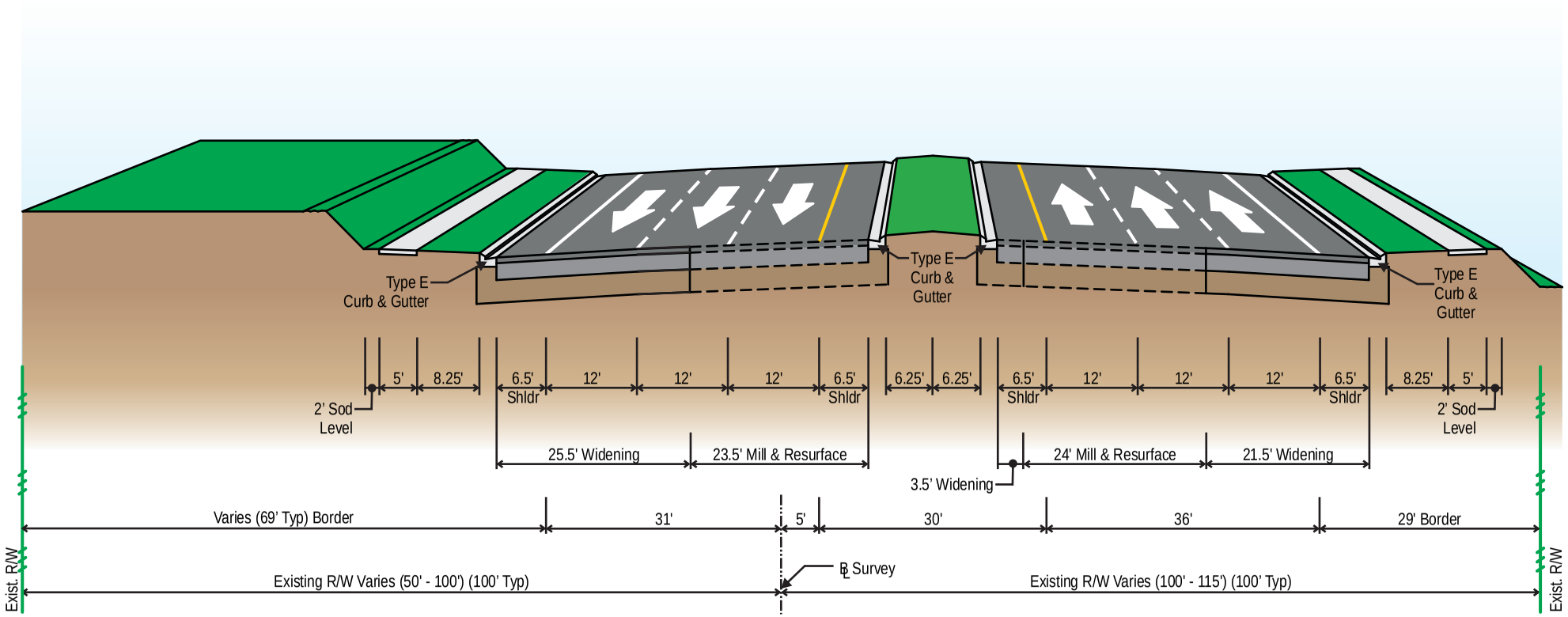
SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

EXISTING TYPICAL FROM NORTH OF COUNTRYSIDE PLACE TO NORTH OF SR 533 (US 98 BYPASS)

FIGURE 4-3

APPENDIX B

PROPOSED TYPICAL SECTIONS

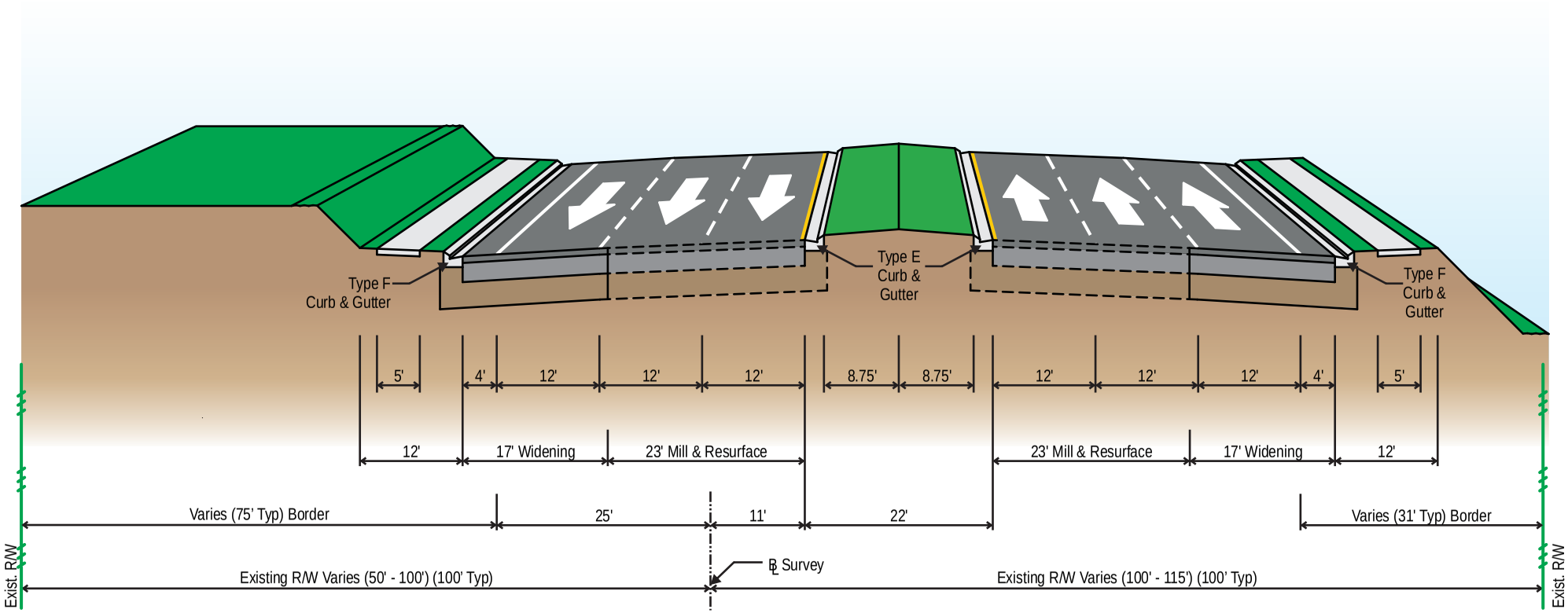


Design Speed = 50 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL FROM CR 54 (EILAND BOULEVARD) TO KOSSIK ROAD SEGMENT A - ALTERNATIVE 1 (HIGH-SPEED URBAN ALTERNATIVE)

FIGURE 8-1

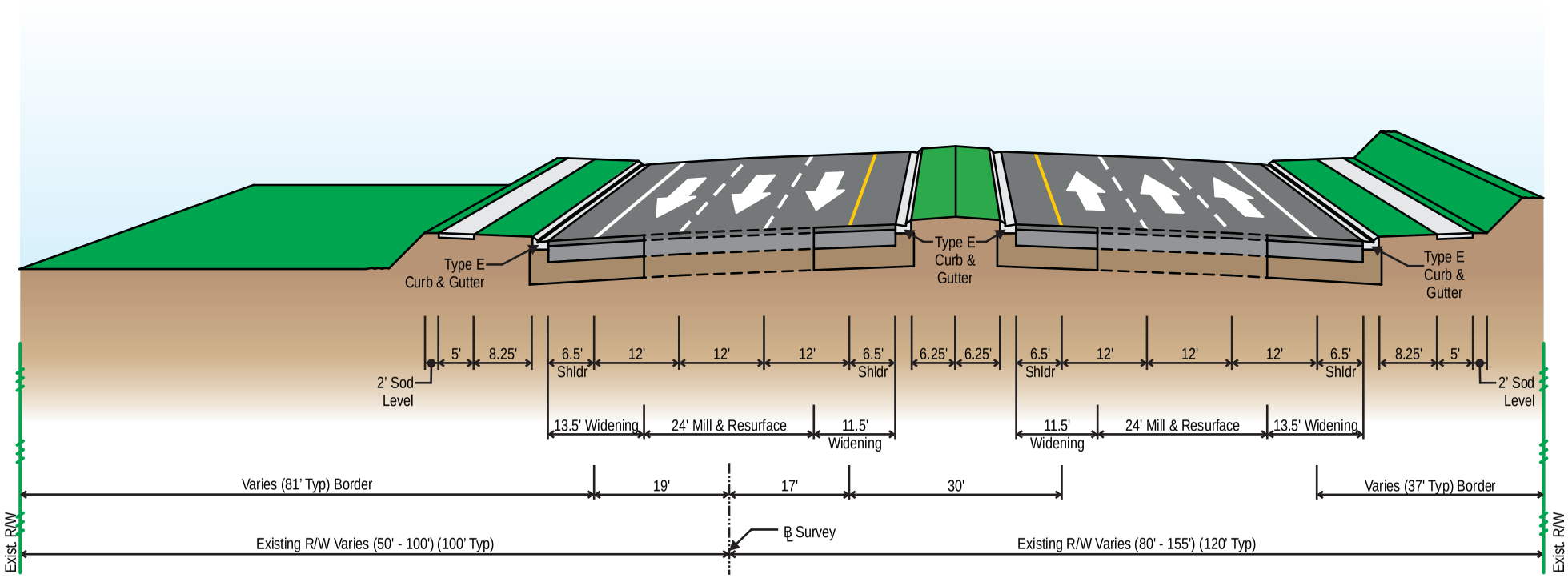


Design Speed = 45 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL FROM
CR 54 (EILAND BOULEVARD) TO KOSSIK ROAD
SEGMENT A - ALTERNATIVE 2
(LOW-SPEED URBAN ALTERNATIVE)

FIGURE 8-2

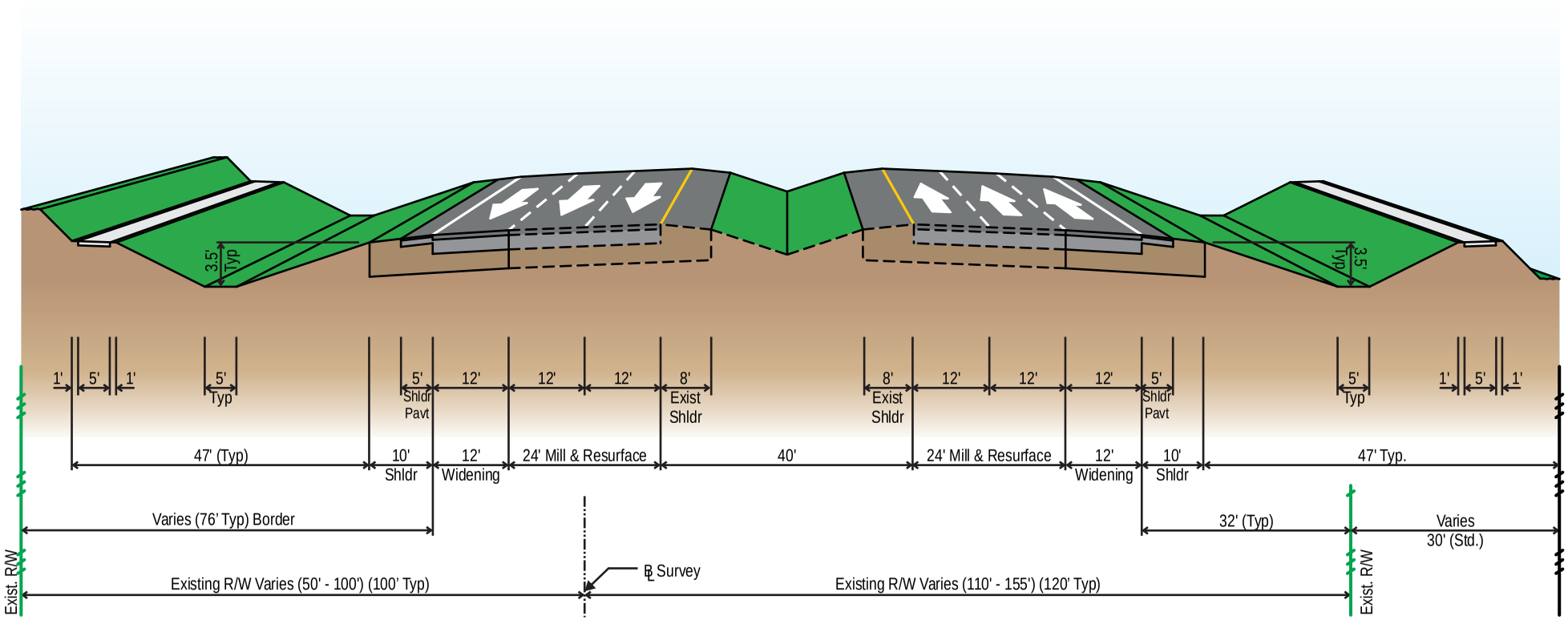


Design Speed = 50 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL FROM KOSSIK ROAD TO MORNINGSIDE DRIVE SEGMENT B & C - ALTERNATIVE 1 (HIGH-SPEED URBAN ALTERNATIVE)

FIGURE 8-3

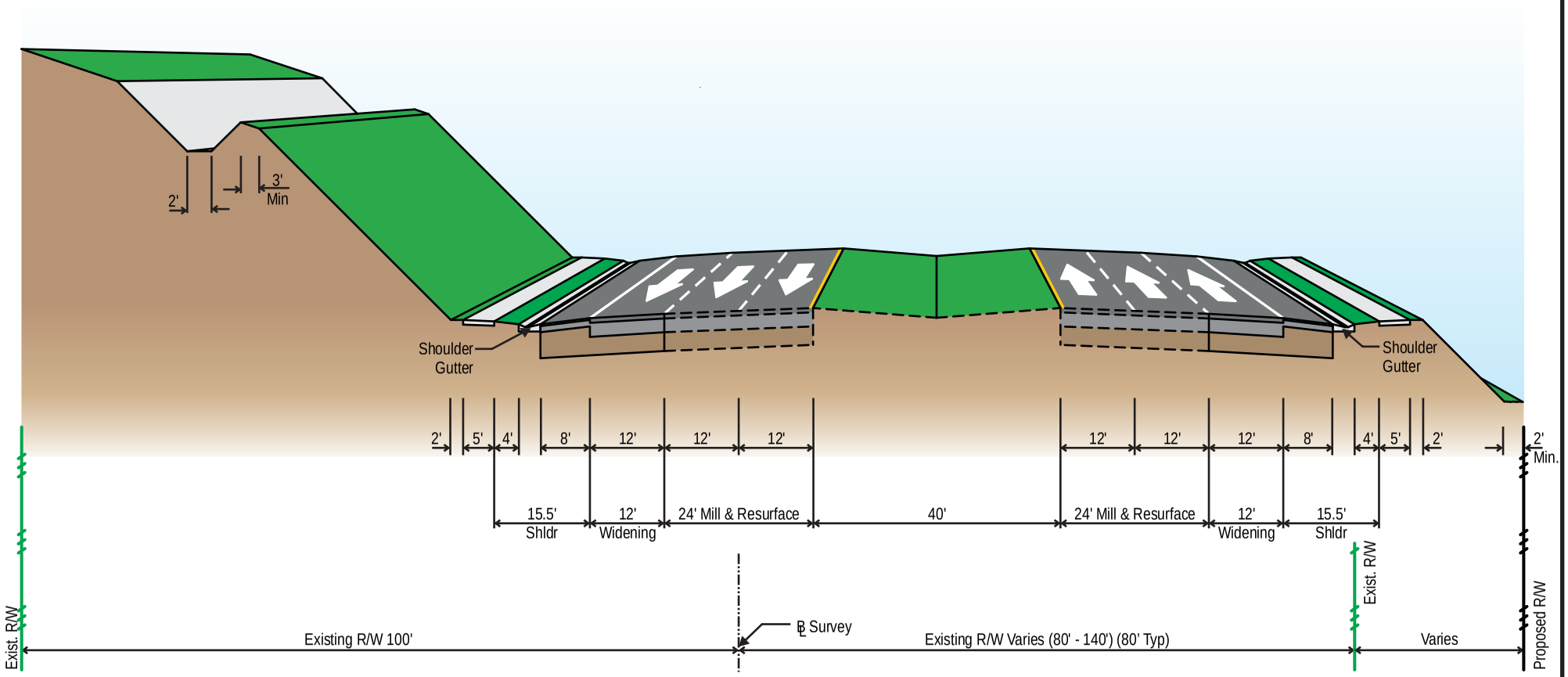


Design Speed = 55 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL SECTION
FROM NORTH OF KOSSIK ROAD TO NORTH OF WIRE ROAD AND
FROM NORTH OF CENTENNIAL ROAD TO MORNINGSIDE DRIVE
SEGMENT B & C - ALTERNATIVE 2 (RURAL ALTERNATIVE)

FIGURE 8-4

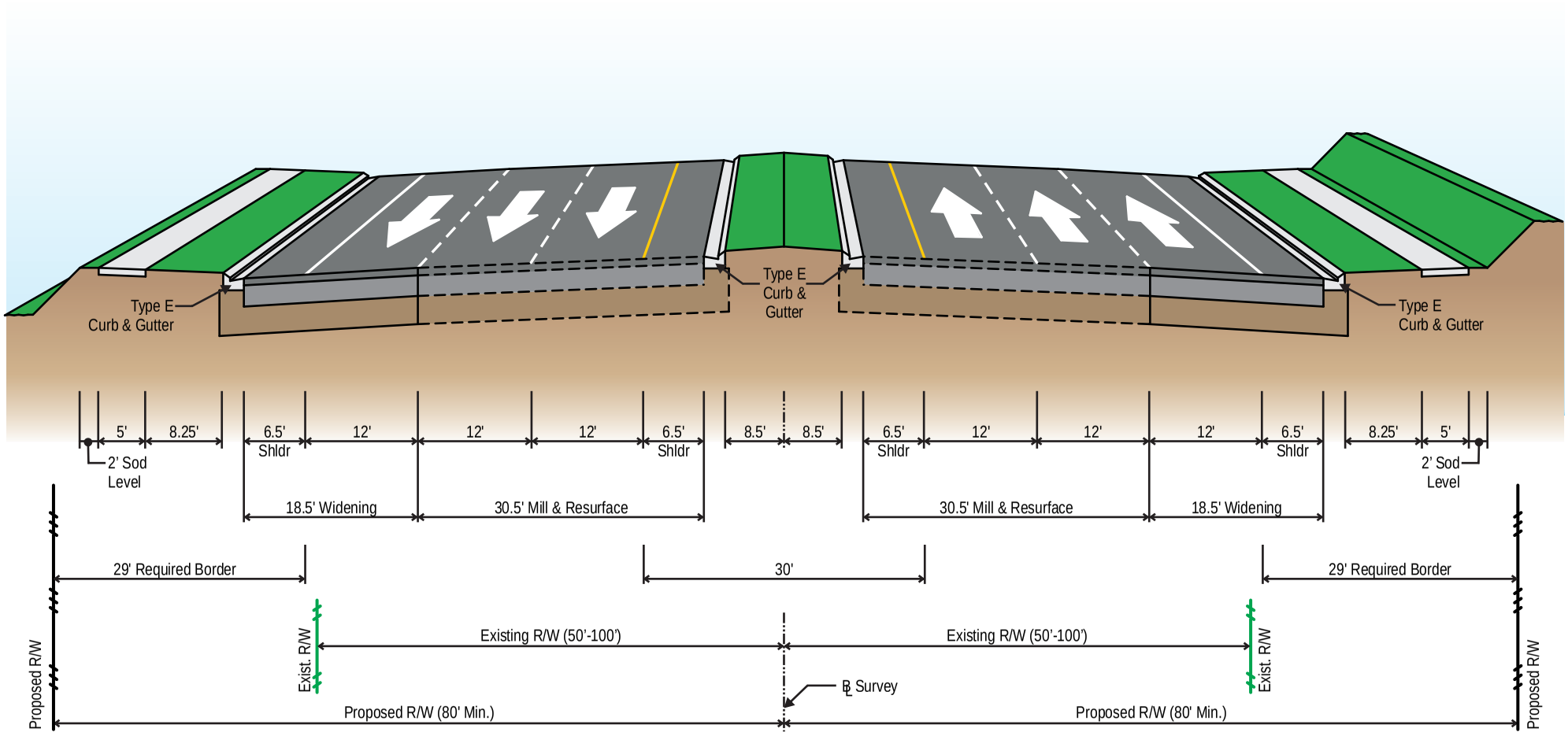


Design Speed = 55 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL SECTION
FROM NORTH OF WIRE ROAD TO NORTH OF CENTENNIAL ROAD
SEGMENT B - ALTERNATIVE 2A
(RURAL ALTERNATIVE - SHOULDER GUTTER SECTION)

FIGURE 8-5

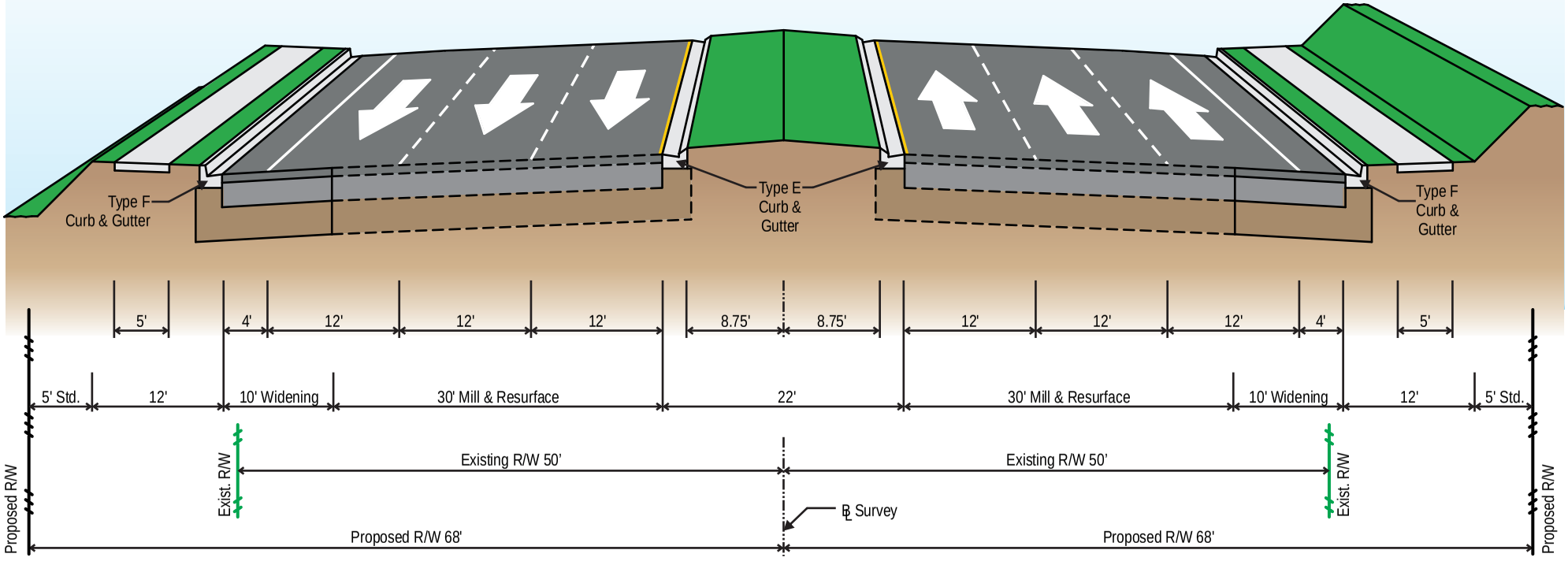


Design Speed = 50 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL SECTION
FROM MORNINGSIDE DRIVE TO SR 533 (US 98 BYPASS)
SEGMENT D - ALTERNATIVE 1
(HIGH-SPEED URBAN ALTERNATIVE)

FIGURE 8-6



Design Speed = 45 mph

SR 39 (US 301)
PD&E Study
from CR 54
(Eiland Boulevard)
to SR 533 (US 98 Bypass)

PROPOSED ROADWAY TYPICAL SECTION
FROM MORNINGSIDE DRIVE TO SR 533 (US 98 BYPASS)
SEGMENT D - ALTERNATIVE 2
(LOW-SPEED URBAN ALTERNATIVE)

FIGURE 8-7

APPENDIX C

PROJECT COORDINATION

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Memo

To: Brad Carver	
From: Abbie Wilson	Project: US 301 PD&E
CC:	
Date: 2/19/09	Job No: 088721

RE: Phone Conversation with Brooksville Mainenance Department (FDOT D-7)

Jon Kilkenny
Brooksville Maintenance Department
352-797-5700 (Brooksville Main Line)

On Wednesday, February 18, 2009, I spoke with Jon Kilkenny of the FDOT Brooksville Maintenance Department to talk about past flooding issues and drainage patterns in the area of U.S. 301 from C.R. 54 to the South Dade City Bypass.

The area to the south of Dade City, between Beth St. and Morningside Dr., there is an outfall at McDonald. This area often has flooding problems.

The second area with flooding problems is just to the North of C.R. 54 between Golden Corral and the car wash. The city of Zephyrhills constructed a frontage road and in the process apparently blocked an outfall. The DOT went in and cleared out the drain but now when it rains, the velocities are so high it is causing erosion. The tree roots are getting exposed as well.

North of Kossick Road, on the east side of U.S. 301, Scotland Yard Golf Course and Mobile Home Park often experience flooding. This area is located in a closed basin.

Lastly, the area across the street from Wal-Mart which is being developed into Zephyr Commons, has a cross-drain that connects to a closed drainage system. Zephyr Commons built a vault to handle all the DOT Drainage from U.S. 301 to keep it separate from the site development drainage. Beside the construction site is a “huge abyss.” It used to be a cow pasture but it has been shaved down and the dirt used for building.

Jon said that he would pass along my question to the assistant drainage person, Joellen, to look up any more flooding complaints or concerns in the area. She is supposed to call me back when she finds anything more out. I am awaiting the call.

5426 Bay Center Drive
Suite 400
Tampa, FL 33609-3444

Phone (813) 282-2300
Fax (813) 282-2430
www.hdrinc.com

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Telephone Record

Project:	U.S. 301 PD&E	Project No:	088721
Date:	2/26/09	Subject:	
Call to:	Joellen, Brooksville Maintenance Department (FDOT D-7)	Phone No:	352-797-5700 (Brooksville Main Line)
Call from:	Abbie Wilson	Phone No:	813-282-2447

Discussion, Agreement and/or Action:

On Wednesday, February 25, 2009 I spoke with Joellen at the Brooksville Maintenance Office about possible flooding problems and drainage patterns in the area of U.S. 301 from C.R. 54 to the South Dade City Bypass. She knew of two locations that have flooding issues but was going to do a little research to see what she could find.

On February 26, 2009, Joellen returned my call to discuss drainage issues in the area of our project. The first problem that she mentioned is at the intersection of U.S. 301 and C.R. 54. There are 4-inlets, one at each corner that flood pretty regularly. There used to be a railroad track that ran on the east side of U.S. 301 years ago. When it was demolished, the outfall and cross-drain for the intersection drainage system was plugged with cement. Due to the lack of outfall, this system has no where to flow. After countless flooding complaints, the maintenance department went in and drilled holes in the bottom of each inlet so that water could seep out. Nothing more has been done to correct this issue.

Another problem occurs on the west side of Bailyhill Road. Due to the road not being paved, sediment gets washed into the sump. The maintenance department cleans it out 3-4 times a year.

The last place that Joellen and I discussed was the Tank Lake Outfall that crosses U.S. 301. She did not recall the water ever overtopping the road or even getting up near the road. The outfall used to flow directly east from U.S. 301. A developer bought the property and modified the outfall to go around his property. The area has been known to flood in very heavy rains.

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Meeting Notes

Subject: U.S 301 PD&E Pre-Application Meeting	
Client: FDOT	
Project: U.S 301 PD&E	Project No: 088721
Meeting Date: 3/10/09	Meeting Location: SWFWMD Brooksville Office
Notes by: Abbie Wilson	

Attendees:
Monte Ritter, SWFWMD Employee
Len Bartos, SWFWMD Employee
Brad Carver
Betsy Davis
Matt Wey
Abbie Wilson

Topics Discussed:

Project Description: Approximately 7 miles of Road Expansion (4 lanes to 6 lanes) from CR 54 to SR 533.

The new potential stormwater rule has been shelved for now but will most likely go into affect before this project is up for design. This rule will require us to meet the 2007 TMDL Calculations and compare pre-developed (before the original road was ever constructed) versus the post-developed conditions. The Harvey Harper Report should be used.

Tank Lake Basin is a Basin of Special Concern but not within our project limits.

The Non-contributing basin, also known as Zephyrhills Basin, will need to meet the 100-year/10-day storm event. We will be required to retain all the runoff from this event. If we can totally retain the runoff without a dicscharge, Monte Ritter stated that SWFWMD will have no requirements for recovery time. (Brad thinks we will only need to retain the difference between pre vs. post)

History of Flooding:

- Tank Lake has an old abandoned railroad track running through it on the west side of US 301. The area just to the west of the railroad tracks is known for flooding.
- Lake Dorothea is also known for flooding. It spills over onto the old Gores Dairy Property.
- The 1998 monochrome aerial image shows the extent of flooding north of Cypress Commons and Tank Lake. This image can be found on the Pasco County Property Appraiser's webpage.

There are no Outstanding Florida Waters within our project limits.

There are no impaired waters within our project limits.

If we do a total reconstruction of the roadway for any segment we will need to treat the entire roadway.

Floodplain Compensation Sites will have to be independent. They are too large to piggy back onto a pond site.

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There are very minor environmental impacts for the proposed expansion. Total impacts should be less than one acre.

Action/Notes:

There is a 2' bust in old benchmark around Lake Dorothea.

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THIS SPACE IS FORMATTED TO FACILITATE AND GUIDE THE DIALOGUE DURING A PRE-APPLICATION MEETING AND PROVIDE NOTE TAKING SPACE. A SUPPLEMENTAL "PROMPT LIST" OF DISCUSSION ITEMS IS ATTACHED, WHICH SHOULD BE EXAMINED BY THE APPLICANT PARTIES PRIOR TO THE MEETING TO IDENTIFY TOPICS FOR DISCUSSION.

Southwest Florida Water Management District
Resource Regulation Division

ERP Pre-Application Meeting NOTES

FILE No.

Date: 3/12/09
Time: 9:30
Project Name: US 301 PD&E STUDY
Attendees: BRAD COMER DEBBIE WILSON
MATT WEY
BETSY DAVIS

County: POLK
Total Land acreage:
S/T/R: 2: 3/26/21
Project acreage:

Prior Onsite/Offsite Permit activity:

Project Overview: 7 MILES OF ROAD EXPANSION (4 LANE TO 6 LANE) FROM CR 54 TO SR 533

Site Information Discussion: (Site Topography, SHW Levels, Flood plain Elevations, Conveyance and Storage, Tailwater Conditions, Adjacent Offsite Contributing Sources, Receiving Waterbody, Karst Formations, Existing Wells, Contaminated Sites / Coordination w/ FDEP, etc.)

- REFER TO DISTRICT'S WATERSHED STUDY'S FOR DATA TO ESTABLISH 100 YEAR FLOOD STAGES & DISCHARGE.

Environmental Discussion: (Wetlands Onsite, Wetlands On Adjacent Properties, Site Visit, Delineation, Permanent/Temporary Impacts, SHWL, Wetland Hydrology, Drawdown Issues, Alternatives Analysis, Elimination/Reduction, Secondary and Cumulative Impacts, T&E species, Conservation Easements, Buffers, Mitigation Options, Mitigation Costs, OFW, Aquatic Preserve, etc.)

- YES - A COUPLE OF SMALL AREAS - NOT SURE OF ANY IMPACTS — WILL PROBABLY USE DOT MIT. BILL

Sovereign Lands Discussion: (Title Determination, Delegated Authority, Correct Form of Authorization, Content of Application, Assessment of Fees, Coordination with FDEP, etc.)

- NONE

Water Quantity Discussion: (Basin Description, Design Storm Event, Pre/Post Volume, Pre/Post Discharge, Local Requirements, Other) CLOSED & OPEN BASIN - CLOSED BASIN (POLK COUNTY BASIN OF SPECIAL CONCERN)

- DISTRICT REQUIREMENT: RETAIN INCREASE IN RUNOFF FROM 100YR/24HR STORM (CLOSED BASIN) ATTENUATE PEAK DISCHARGE RATES FROM 25YR/24HR STORM (OPEN BASIN)

Water Quality Discussion: (Type of Stormwater Treatment, Technical Characteristics, Non-presumptive Alternatives, Construction Phase Water Management and Erosion Control, Contaminated Sites, Ground Water Protection, etc.)

- MAY NEED TO COMPLY WITH NEW STORMWATER RULE (DEPENDING ON [redacted] WHEN APPLICATION IS SUBMITTED AND WHEN RULE IS IMPLEMENTED.

Operation And Maintenance, Legal Information: (Ownership or Perpetual Control, Eminent Domain, Work on District Property, Inspections During Const., O&M Entity, System O&M Instructions, Homeowner Association Documents, Coastal Zone Requirements, Public Safety, etc.)

- NOT DISCUSSED

Application Type And Fee Required: (40D-4.041Permits Required, 40D-1.607 Fee Schedule, etc.)

- 1/

Other: (Future Pre-Application Meetings, Fast Track, Submittal Date, Construction Start Date, Required District Permits - WUP, WOD, Well Construction, etc.)

-

Disclosure: The District ERP pre-application meeting process is a service made available to the public to assist interested parties in preparing for submittal of a complete permit application. Information shared at pre-application meetings is superseded by the actual permit application submittal. District permit decisions are based upon information submitted during the application process and Rules in effect at the time the application is complete.

The following person was present and authored these ERP Pre-Application Meeting NOTES on behalf of the SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT:

LAB MONTE NITCH

District Staff Representative — **Name and Title**

Signed — **Date** 3/10/09

ARTICLE 600. GENERAL LAND DEVELOPMENT STANDARDS

605.7. Drainage basins of special concern.

A. Regulated drainage basins. The board of county commissioners may identify drainage basins or subbasins with either inadequate conveyance capacity or excessive ponding in order to protect the health, safety, and welfare of the public and to protect property. This type of basin so designated by the board of county commissioners shall be classified as a drainage basin of special concern.

B. Basin-specific design standards. The board of county commissioners may establish special design standards applicable to new development activity within a specific drainage basin of special concern. Special design standards may include, but are not limited to the following:

1. Maximum allowable peak rate of discharge per acre.
2. Minimum required retention volume required per acre.

C. Standard design regulations for drainage basins of special concern. Unless the board of county commissioners adopts a more stringent, special design standard within any drainage basin of special concern pursuant to section 605.6.B herein, the following standard regulations shall be applicable to drainage basins of special concern designated in this ordinance or by an amendment pursuant to section 605.6.H herein:

1. *Open drainage basin.*

a. The maximum peak rate of stormwater-runoff discharge from any development activity shall not exceed the prior existing maximum peak rate of stormwater-runoff discharge for a two-, ten-, 25-, and 100-year return frequency, storm event for a duration of 24 hours.

b. Runoff volume shall be limited to predevelopment conditions such that there shall be no increase in the volume of runoff resulting from development activity for a 100-year return frequency, 24-hour duration, storm event.

c. There shall be no net loss of storage volume from the most restrictive of:

(1) Federal Emergency Management Agency established, floodplain storage volume.

(2) Storage volume below the elevation of a recorded county-observed flooding.

(3) Calculated ponding based upon a 100-year return frequency, 24-hour storm event.

(4) A more critical event standard defined in a county or southwest Florida water management district approved study for the applicable drainage basin.

d. The minimum habitable finished floor elevation shall be above the highest elevation established by the following criteria:

(1) Section 701, flood damage prevention, of this Code.
(2) Recorded county-observed, high water elevation, plus one foot.

(3) Calculated ponding elevation based upon a 100-year return frequency, 24-hour duration storm event plus one foot.

(4) A more critical event standard defined in a county or southwest Florida water management district approved study for the applicable drainage basin, plus one foot.

e. Permit applicants may present for consideration off-site mitigation plans in accordance with the procedures contained in section 306 of this Code. In addition to complying with section 306, an applicant must demonstrate that the mitigation will be viable and sustainable in perpetuity.

2. *Closed drainage basin.*

a. The maximum peak rate of stormwater-runoff discharge from any development activity shall not exceed the prior existing, maximum peak rate of stormwater-runoff discharge for a two-, ten-, 25-and 100-year return frequency, storm event for a duration of 24 hours.

b. Runoff volume shall be limited to predevelopment conditions such that there shall be no increase in the volume of runoff resulting from development activity for a 100-year return frequency, ten-day duration storm event.

c. There shall be no net loss of storage volume from the most restrictive of:

(1) Federal Emergency Management Agency established, floodplain storage volume.

(2) Storage volume below the elevation of a recorded county-observed flooding.

(3) Calculated ponding based upon a 100-year return frequency, 10-day storm event.

(4) A more critical event standard defined in a county or southwest Florida water management district approved study for the applicable drainage basin.

d. The minimum habitable finished floor elevation shall be above the highest elevation established by the following criteria:

(1) Section 701, flood damage prevention, of this Code.

(2) Recorded county-observed flooding elevation, plus one foot.

(3) Calculated elevation based upon a 100-year return frequency, ten-day duration storm event plus one foot.

(4) A more critical event standard defined in a county or southwest Florida water management district approved study for the applicable drainage basin, plus one foot.

e. Permit applicants may present for consideration off-site mitigation plans in accordance with the procedures contained in section 306 of this Code. In addition to complying with section 306, an applicant must demonstrate that the mitigation will be viable and sustainable in perpetuity.

D. Maintenance. All stormwater-management systems that are not accepted for maintenance by the county shall be operated and maintained by one of the Acceptable Entities as detailed in section 310.4 of this Code.

E. Engineer's certifications. Permit applications shall be prepared by a professional engineer registered to practice in the state. A certification of compliance with this regulation accompanied by acceptable plans and calculations shall be

submitted as part of the permit application by the engineer. Upon completion of construction, a professional engineer registered to practice in the State of Florida shall submit a certification of completion certifying compliance with the approved permit. The professional engineer shall maintain standard professional liability insurance in the minimum amount of $1,000,000.00 per occurrence and shall submit proof of insurance with all permit applications.

F. Applicability section.

1. Section 605.7 herein shall apply to all construction or development activity within drainage basins of special concern.

2. Exemptions:

a. This section shall not apply to development for which a complete application for a stormwater-management plan or drainage plan has been submitted to the county administrator prior to the date on which the applicable drainage basin is designated as one of special concern by the board of county commissioners and that is not withdrawn, denied, or expired unless the county and the applicant agree to an earlier application date.

b. This section shall not apply to development for which an approved, unexpired master drainage plan or stormwater-management plan has been obtained prior to the date the board of county commissioners acts to designate a drainage basin of special concern. Additionally, all subsequent stormwater-management plans submitted in compliance with an approved, unexpired master drainage plan shall be exempt from this section; provided, however, this section shall apply to development for which a master drainage plan application has been submitted, but has not been approved, prior to the date the board of county commissioners acts to designate a drainage basin of special concern.

c. If required by the southwest Florida water management district, the county shall allow deviations from the criteria in this section 605.7 herein to the extent necessary to prevent adverse impacts to wetlands or other surface waters when it is demonstrated that adverse impacts cannot otherwise be practicably avoided.

G. Designation of Tank Lake, East Zephyrhills, and Timber Oaks as drainage basins of special concern. With the enactment of this section, the board of county commissioners designates Tank Lake (west of the old railroad berm) and East Zephyrhills (excluding Lake Pasadena, but including Lake Dorothea, Lost Lake, and Silver Oaks) as closed drainage basins of special concern as delineated on the maps attached as exhibits A and B. As of July 18, 2005, the effective date of [the ordinance from which this section is derived], land within these basins shall be subject to this section.

With the amendment of this section, the board of county commissioners designates Timber Oaks as a closed drainage basin of special concern as delineated on the map attached as exhibit C.

Notwithstanding the foregoing, for the Timber Oaks Basin, September 27, 2005, shall be considered the date of designation.

H. Future designation of basins of special concern. The board of county commissioners may designate additional areas as drainage basins of special concern by amending this Code. Designation of basins as drainage basins of special concern will include the following steps:

1. Documentation of the fact that the basin is prone to flooding based on records of flooding occurrence and severity. The records can include photographs and statements from county staff or area residents.
2. Evaluation of basin drainage characteristics and cause of flooding, based on review of relevant information, including topographic maps, drainage features and structures, such as channels and culverts, surficial soils, land use, and soil stratigraphy. If warranted, this evaluation may include modeling of stormwater-runoff generation and conveyance.

3. Determination that the flooding would be exacerbated unless the provisions of this ordinance are in force.

The area(s) to be covered shall be accurately depicted on maps that will be available in digital and hard-copy format.

I. County enforcement. The county is specifically authorized to take any and all steps and actions that are legally available to the county, including any court proceedings as are authorized by law, against any person who fails, neglects, or refuses to comply with this section, or who knowingly furnishes false information or information that is not supported by scientific data to the county or any official in charge of the administration of this section on any matter relating to the administration of this section. Each day of a violation shall constitute a separate offense. The county may elect any or all of the available remedies concurrently, and the pursuance of one shall not preclude the pursuance of another, or any other remedy allowed by law.

J. Definitions.

1. Open basin means a watershed that is not closed.

2. Closed basin means a watershed in which the runoff does not have a surface outfall up to and including, the 100-year, ten day flood level or an open basin with a severe discharge restriction as determined by the board of county commissioners at a public hearing.

3. Drainage basin or subbasin means the area that contributes stormwater runoff to a common low area or common discharge point.

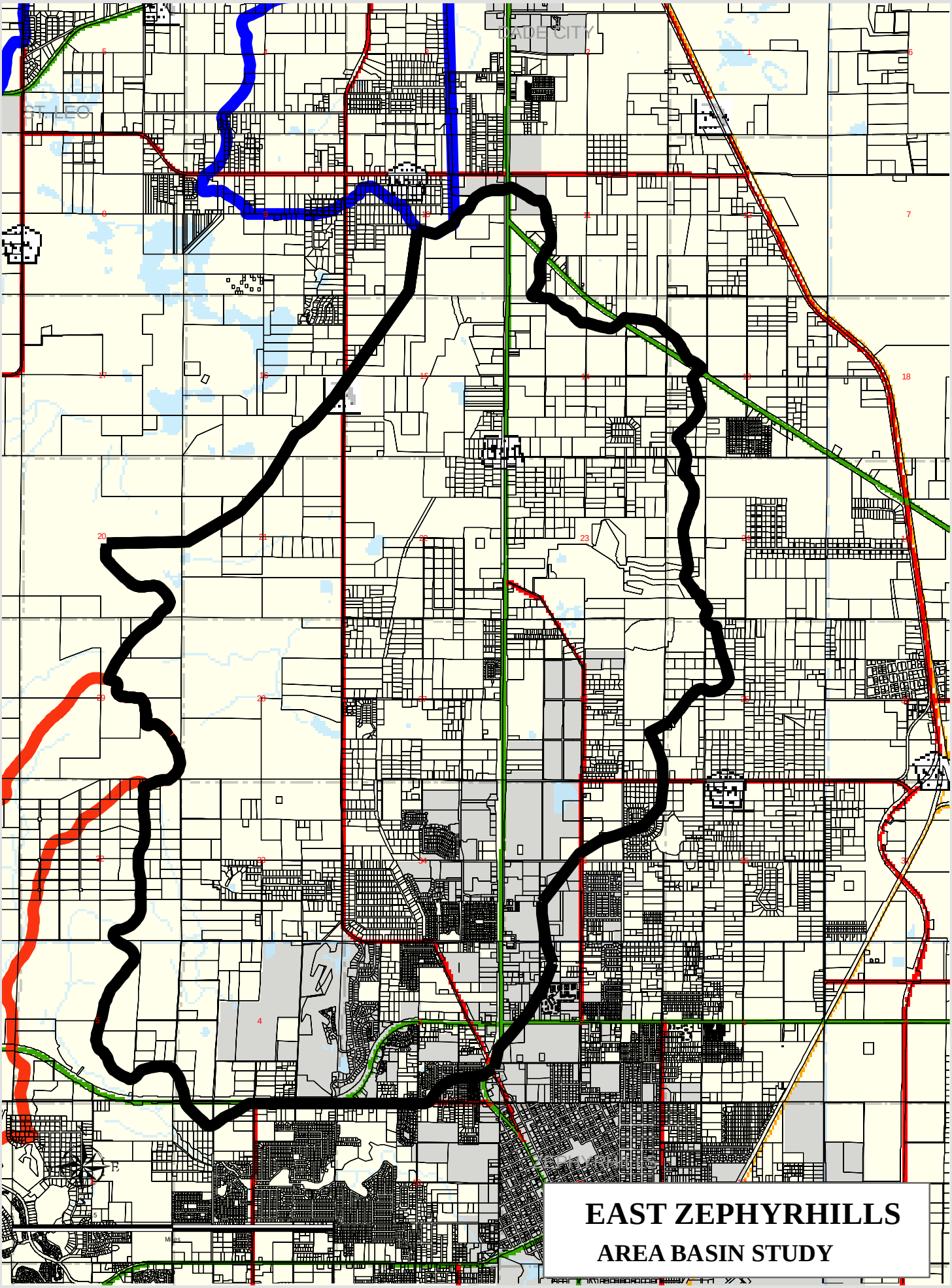
4. *Recorded county-observed, flooding elevation* means a flooding elevation surveyed by the county and adopted as a standard by the board of county commissioners by resolution.

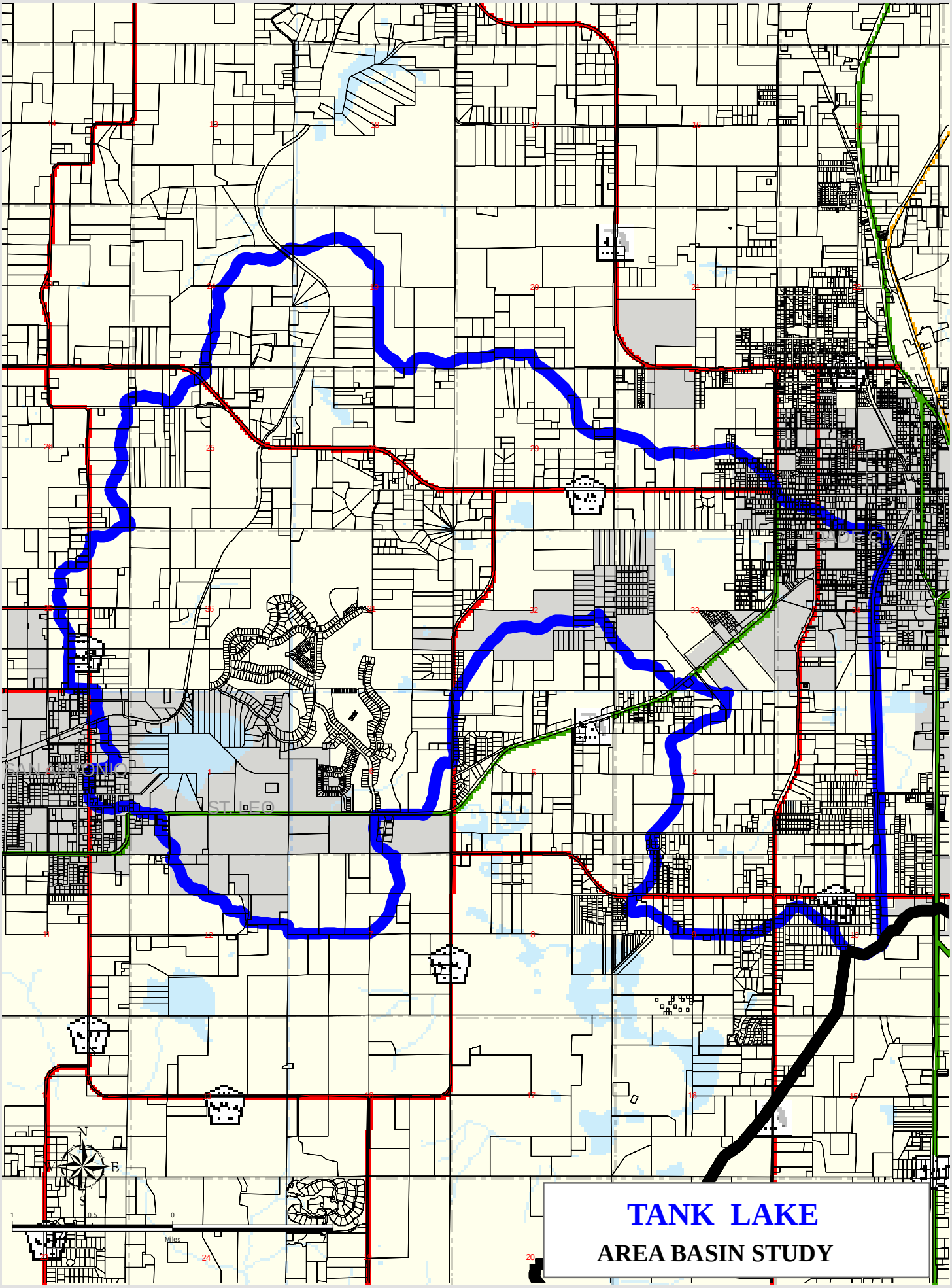
K. The board of county commissioners shall consider amending this section and removing the special concern designation from any open basin if the following conditions are met:

1. The county receives a removal request containing a scientific analysis and a proposal to remediate or otherwise ameliorate the conditions that supported the designation. Such request must include proposed funding for the implementation of the remediation plan.

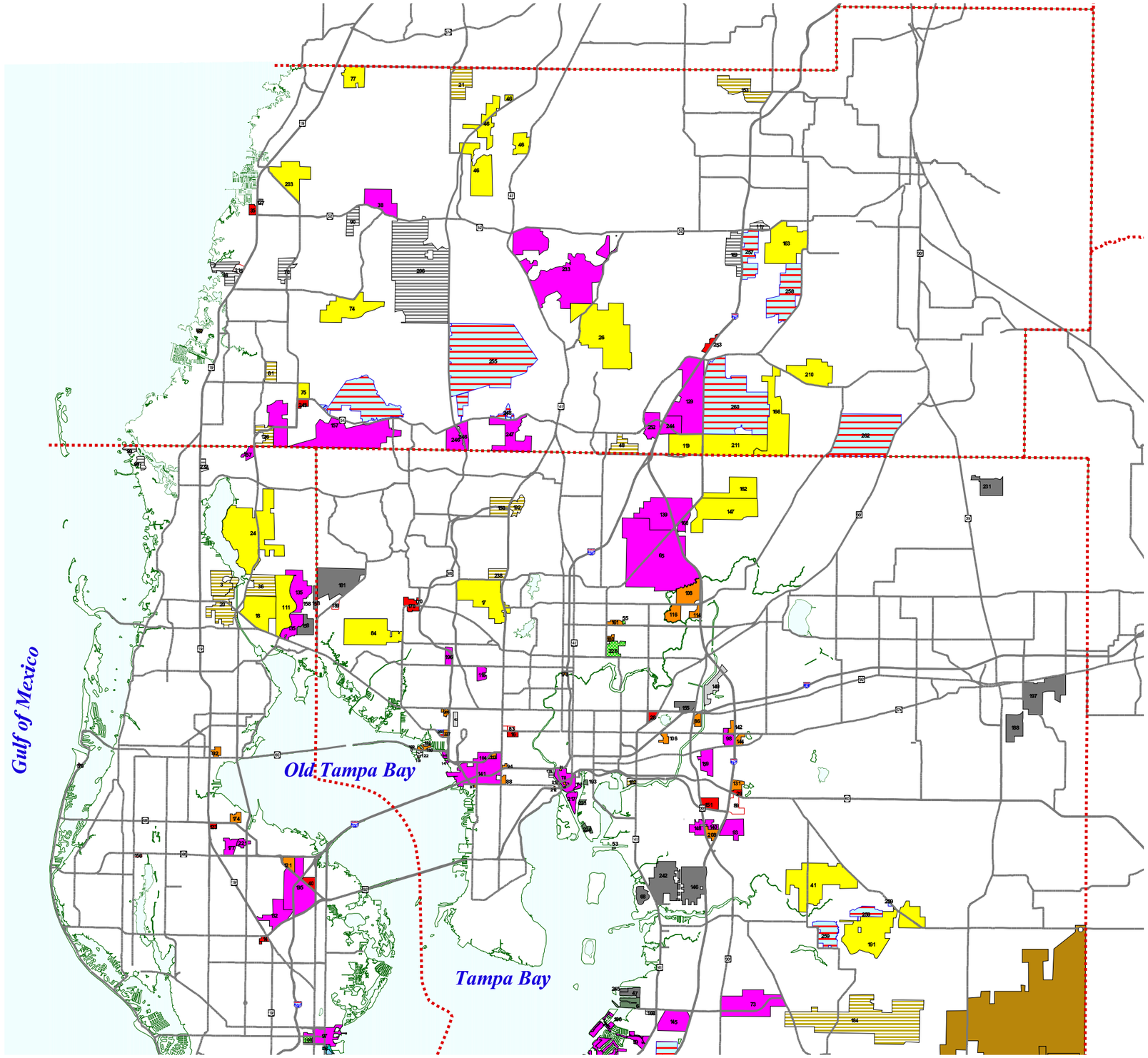
2. The county administrator, in consultation with the southwest Florida water management district, determines that the remediation plan presents a viable solution that is permitted and funded.

3. The board of county commissioners has approved the remediation plan.


DADE CITY
ST LEO
EAST ZEPHYRHILLS
AREA BASIN STUDY


TANK LAKE
AREA BASIN STUDY

Tampa Bay DRI Types



County
Major Roads
Class 1 ,2
DRI Types
ABANDONED
AIRPORT
ATTRACTION
COMMERCIAL
EDUCATION
HOTEL
INDUSTRIAL
MARINA
MINING
MIXED USE
OFFICE
PETROLEUM STORAGE
RESIDENTIAL
TRANSMISSION LINE
WITHDRAWN
UNDER REVIEW
No Data

LAND
WATER

3 0 3 6 Miles

Tampa Bay Regional Planning Council

N

DRI Locations are for illustrative purposes only. Please consult legal descriptions of respective DRI development orders to obtain exact project boundaries.

Updated January 2006

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Meeting Notes

Subject:	Selection of Recommended Build Alternative
Client:	FDOT District Seven
Project:	US 301 (SR 39) PD&E Study from South of CR 54 (Eiland Boulevard) to US 98 Bypass (SR 533)
Project No:	FPID: 408075-1-22-01
Meeting Date:	July 16, 2009
Meeting Location:	District Seven Office - Design Conference Room (9:00 a.m. - 10:30 a.m.)
Notes by:	Steve Gordillo, P.E.

Attendees (see Attachment A):

FDOT:	HDR Engineering, Inc.:
Manny Santos, Project Manager	Steve Gordillo, P.E., PD&E Section Manager
Kirk Bogen, P.E., District PD&E Engineer	Rick Adair, Senior Environmental Planner
Ron Chin, P.E., District Design Engineer	Chris Wilson, P.G., Senior Environmental Scientist
Larry Timp, Value Engineering	Matt Wey, P.E., PTOE, Transportation Engineer
Jill Wehle, Traffic Operations	

Ming Gao, P.E., Intermodal Systems Development Manager

Waddah Farah, E.I., Project Development and Technical Analysis Administrator

Topics Discussed:

The purpose of this meeting was to select a recommended alternative to be presented at the project's public hearing scheduled for October 2009. In this meeting HDR Engineering staff presented key project information to assist in the selection of the recommended Build Alternative. A copy of the PowerPoint slides is provided in Attachment B. The key topics discussed during this meeting are listed below:

- Existing year (2008) and projected design year (2035) arterial roadway and intersection Levels of Service (LOS);
- Consistency of the PD&E recommended alternatives to Pasco County's current 2025 Long Range Transportation Plan (LRTP); and
- Description of the recommended six-lane typical section, limits of the proposed roadway widening, and type/location of recommended Transportation System Management (TSM) improvements.

HDR Engineering's presentation emphasized that the southern segment (Segment A) and northern segment (Segment D) of US 301 (SR 39) are projected to operate at deficient LOS in the design year 2035. The projected LOS deficiency in the southern segment from south of CR 54 (Eiland Boulevard) to Townview Square shopping center entrance is expected to be mitigated by the proposed six-lane widening of US 301 (SR 39) from Geiger Road to north of Kossik Road. In Segment D, the six-lane widening is not recommended for the following reasons: 1) Segment D is a relatively short segment (0.8 miles) with acute right-of-way (ROW) constraints (100 feet of ROW) thus making it a very costly project to implement; 2) the proposed six-lane widening is currently not identified in the 2025 Cost Affordable Plan of the Pasco County LRTP, 3) and there are a capacity constrained roadways north of the project that are unable to receive the proposed additional lanes. The US 98 Bypass is currently unfunded and it is not identified as a cost affordable project in the 2025 Pasco County LRTP.

Based on forecasted 2035 traffic volumes, ROW impacts and the potential need for relocations, FDOT staff supported the recommendation to not widen Segment D. In lieu of widening Segment D, FDOT staff suggested that TSM improvements be provided at the intersection of Morningside Drive and US 98 Bypass

(SR 533). The TSM improvements at the US 98 Bypass (SR 533) could include a five lane cross section with three lanes northbound and two lanes southbound. Two of the proposed three northbound lanes could be designated for US 98 Bypass (SR 533) traffic and the third for traffic destined to downtown Dade City. The feasibility of this TSM improvement would be further evaluated to insure that the improvements could fit within existing Right of Way.

The PD&E recommended alternative is to provide a six-lane divided low-speed urban typical section in Segment A (Geiger Road to north of Kossik Road). The recommended alternative is consistent with the current 2025 Pasco County LRTP and supports connectivity to the future extension of Overpass Road to I-75. The low-speed urban typical section was selected because it had a lower project cost when compared to the high speed urban typical section ($33.99 million as compared to $41.66 million), and it better accommodates the ongoing transition of the surrounding land uses into a more urban-like environment. The remaining portions of the project (Segments B-D) will remain as an existing four-lane divided roadway facility. To improve traffic operations and safety within Segments B-D, TSM improvements will be provided at intersections either exhibiting poor levels of service in the design year (2035) or have a historical record of being a high crash location. FDOT staff suggested to HDR that they identify TSM improvements that can be constructed within the existing ROW.

Action/Notes:

Following the discussion of topics noted above, HDR Engineering, Inc./FDOT staff are required to complete the task items outlined below:

1. HDR is to revise the conceptual design plans to show the six-lane widening of US 301 (SR 39) only for Segment A: Geiger Road to north of Kossik Road, and TSM improvements at intersections projected to operate at deficient levels of service in the Design Year (2035) or locations within Segments B-D that exhibit abnormally high number of crashes. In addition, the conceptual design plans will need to show the proposed lane geometry for US 301 (SR 41) south of Geiger Road, which is documented in the US 301 (SR 41) PD&E Study from SR 39 to CR 54 (WPID No.: 256422-1).

2. HDR is to evaluate the impacts of providing a five-lane cross-section (two-lanes southbound and three lanes northbound) on US 301 (SR 39) south of the US 98 Bypass (SR 533) for a to be determined segment length. The proposed northbound lanes on US 301 (SR 39) would diverge at the US 98 Bypass (SR 533) intersection, with one lane traveling on US 301 (SR 39) to historic downtown Dade City and two-lanes to the Dade City Bypass.

3. HDR is to contact staff from the City of Zephyrhills to confirm whether or not the City supports the proposal to relocate the existing traffic signal at US 301 (SR 39)/Townview Square Shopping Center to Pretty Pond Road. If the City is supportive of this recommendation, then the conceptual design plans will be revised to include a call-out box that reads, “Possible Signal Relocation”.

4. FDOT/HDR staff is to coordinate with Pasco County to ensure that the PD&E Recommended Alternative is incorporated into the 2035 update of the Pasco County LRTP.

APPENDIX D

FDOT FLOOD INVESTIGATION DATABASE

FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1406062006723

Entry Date: 6/6/2006 1:36:25 PM
Revised Date: 6/28/2006 9:03:46 AM
Completed By: Tom Ward, PBS&J

SECTION I: LOCATION

County - Pasco
State Road - SR 35, SR 39, SR 41, SR 700
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Urban
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Off-System

Local Road Subject to Flooding -
Business Name: Lake Dorthea Grove
Business/Private Property Address Subject to Flooding -
8331 Angela Ct.
Zephyrhills, FL 33541

Location:
Latitude - 28 ° 16.757 '
Longitude - 82 ° 12.106 '

Section/Township/Range - 0.962 / 25S / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint -
Complainant Name - Margie Repole
Problem Description - Property Flooding

Details of the Problem - Mrs. Margie Repole, a resident of Lake Dorthea Grove, complains the flood stages west of US 301 have been raised as a result of activities on Gore's Dairy which is east of US 301. These concerns and opinions are documented in an e-mail to FDOT from Ralph Lair, Legislative Assistant. However, in a phone conversation with Larry Gaddy (PBS&J) on September 30, 2003, she also expressed concern that the box culvert under US 301 (2 @ 8' x 4') may be causing problems. Although the focus of the e-mail is on US 301 and the flooded [illegible] immediately adjacent, the real interest is the stages near Ft. King Road. Some of the residents apparently believe the stages at US 301 are the same as those near Ft. King Road and that if they were lowered, flood levels in their area would be reduced. Outfall Description: Water flows under US 301 through a double 8' x 4' box culvert and thence to the east. According to FDOT (SRD at the time) plans dated 1935 (Project 179A), a lateral ditch extending 750' to the

east of this structure was to be constructed, beginning at elevation 81.9 and graded on a 0.1% profile. The plans also show the lateral ditch R/W at 100'. The apparent intent of the ditch was to lower the water level on the west side of U 01 (HW 87.6 in 1934) by cutting through a ridge located approximately 300' east of US 301 R/W (approximate elevation 86.9). The multilane plans (adding two lanes), dated 1957 (Project 13050-3202 and 3203) show the box culvert to be extended. Those plans show 12' of ditch R/W but no excavation outside the roadway R/W, and that the ground elevation within the ditch alignment was approximately 83.0. It is possible that the actual construction, circa 1935, did not match plans. A ditch may have been constructed at a higher elevation and with a bottom width less than 18'. One possible reason could be that the 100' R/W was not obtained and that the ditch size was reduced to fit within 12' R/W (R/W width per 1957 plans). All this is speculation.

Frequency of Flooding - Unknown
Source for Frequency Data- Unknown

Historic High Water- No historic high water data was available.

Flooding Event High Water - The original complaint was made by Margie Repole, Lake Dorthea Grove on . An event high water of 88.0 was recorded by on .

History of Problem - There is a long history of flood problems throughout the basin and various attempts have been made by land owners to lower flood stages. Apparently some of these have resulted in litigation by downstream owners whose upstream "storage" was reduced.

Persons Interviewed

Site Visit Date- 10/1/2003
Site Inspection By- Larry Gaddy ,
Interviewee(s)- Margie Repole ,
Site Visit Conditions- No Standing Water, previous flooding apparent

Observed High Water- No observed high water was observed on the date of the site visit.

Site Visit Details-

Other Communications

Communication Date	Type	Communication From	Communication To	Communication Attachment Name
6/27/1962	Letter or other Formal Contact	B.L. Gore , M. Gore ,	Pasco County ,	Chancery Orders.pdf
9/12/2003	Email	Ralph Lair ,	Marian Scorza , FDOT	lake dorthea grove email.pdf
5/17/2007	Email	Larry Gaddy , PBS&J	Megan Arasteh , FDOT	181132444_email5172007.pdf

SECTION III: PROBLEM ANALYSIS

Previous Analysis

I ious Analysis By: , on

Previous Analysis: The subject box culvert carries runoff from a large drainage basin west of US 301. After exiting the structure it continues eastward to the basin low point east of Wire Road (see drainage complaint report for Scotland Yards Golf Course for a description of the basin low point). A field review was conducted on October 1, 2003 to determine if the box culvert is obstructed. The culvert and roadway R/W were found to be clear of any obstructions that would affect upstream stages. Stages at the structure were level with the stage of a large impoundment west of the road. The observed stages were controlled by the ground level at the east R/W line. A small flow was exiting the R/W about 50' south of the structure where it crossed under the fence at a depth of 4" to 6". This diversion of flow is caused by a high point in the ditch just east of the R/W. The elevation of this "blockage" is estimated to be 84.0, based on the water level at the structure and the structure FL, as reflected in both the 1934 and 1957 plans. After crossing the fence line, the flow immediately enters a large pool that apparently reenters the ditch not far to the east. Since a current was observed, the water level downstream must be lower than the level at the structure, therefore lowering the ditch profile downstream of US 301 would provide some benefit upstream. The magnitude of the benefit will depend on the downstream stage (in a lake 750') east of the road). According to the SWFWMD contour map, a terrain break-over control, at elevation 85.5, is located about a quarter of a mile northeast of the structure immediately east of the lake. This elevation appears to conflict with observed conditions at US 301 (estimated stage at the box between 83.5 and 84.0), because the stage upstream of this control point would be expected to be near 85.5. It also conflicts with the break-over elevation shown on the FDOT Drainage Map, circa 1934, which shows and elevation of 81.5. This significant difference is troublesome. Several explanations are possible: the SWFWMD map elevation is incorrect; the FDOT map is incorrect; the datum used in 1934 and 1985 are different; the box culvert wasn't constructed at the plan elevation (the estimated water level was based on using the structure FL as a reference point); or the terrain has been altered. The elevation at Bird Lake (approximately one mile of US 301) is estimated to be near 88.0 (oral information obtained from engineer employed by homeowners). Residents and others believe the water is level between Bird Lake and US 301, however it is probably 4' higher than the stage at US 301 and is probably set by an area of terrain approximately 1500' to 2300' west of US 301. This opinion is based on the SWFWMD map as well as survey information that shows ground elevations near 87.5.

Attachments

Attachment	Attachment Type	Attachment Description
DCIS.pdf	Other Data	Drainage Complaint Inventory Sheet
Project Information.pdf	Other Data	Project Information
181153231_LateralDitchStationingmarkups.pdf	Other Data	
181113519_Drainage Map 2.pdf	FDOT Drainage Map	Drainage Map
SWFWMD_.pdf	SWFWMD Contour Map	SWFWMD Map
SCAN00182 (2).pdf	SWFWMD Contour Map	SWFWMD Map
.819859_Drainage Map 1 (2).pdf	FDOT Drainage Map	

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

Recommendation: The cause of high stages at Lake Dorthea Groves is most likely the terrain elevation approximately 1500' to 2300' west of US 301. Previous Efforts to Remedy: The box culvert, and that portion of ditch within the roadway R/W, was cleaned in 1998 (last period of flooding). This doesn't include actions that may have been taken on private property.

Recommendation Date:
Project Ranking:

ROADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors. **(Weight Factor = 10)**	0
Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.) **(Weight Factor = 7)**	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

PRIVATE PROPERTY FLOODING MATRIX

Ranking of the potential financial impacts versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	1
Ranking of the hazard level versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	1
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	4
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	8
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	1

Total Score 125

FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1407102007793

Entry Date: 7/10/2007 2:38:41 PM
Revised Date: 7/31/2007 10:09:37 AM
Completed By: Hiren Patel, PBS&J

SECTION I: LOCATION

County - Pasco
State Road - SR 35, SR 39, SR 41, SR 700
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Non-Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Urban
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Unknown

Local Road Subject to Flooding - Gall Blvd.
Business Name:
Business/Private Property Address Subject to Flooding -
8618 Gall Blvd. (US 301)
Zephryhills , FL

Location:
Latitude - 28 ° 16.933 '
Longitude - 82 ° 11.283 '

Section/Township/Range - 27 / 25S / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint - 5/14/2007
Complainant Name - Russell Purvis
Problem Description - Property Flooding

Details of the Problem - Problem – Mr. Russell Pruvis complains that changes were made within the R/W during the most recent resurfacing project (FPID 256418-1-52-01) (Plans dated 12/12/00) that increase flow onto his property. He believes a lateral channel west of the box culvert was filled in such a manner that discharge from the west side roadway ditch, south of the structure, has been diverted from the westerly discharge off the R/W to an easterly discharge path through the box culvert and onto his property.

Frequency of Flooding - Unknown
Source for Frequency Data- Unknown

Historic High Water- No historic high water data was available.

ding Event High Water - No event high water was recorded.

History of Problem - The box culvert has been the subject of interest several times over the years due to a long history of flooding problems in the large closed basin within which it is located.

SECTION III: PROBLEM ANALYSIS

Current Problem Analysis

Current Problem Analysis: This site is located within a large closed basin with a long history of complaints (Dorthea Groves and Scotland Yard Golf Course are recent examples in the data base). The subject complaint is that flow from a paved roadway ditch on the west side of US 301, draining the area south of the site, historically discharged toward the west after reaching the box culvert (see attached SWFWMD contour map) but was altered during the most recent roadway improvement project so that it now flows to the east and onto Mr. Purvis' property. Mr. Purvis did not personally observe the construction activity, but is relying on statements of others who witnessed it. As a matter of interest, during periods of above normal annual rainfall, the large low areas west of US 301 fill and overflow toward the east through the subject structure and onto Mr. Purvis' property. See attached copy of a USGS map that shows area and location of Dorthea Groves and Scotland Yard Golf Course, both of which have a history of flooding complaints. Mr. Purvis is concerned about the impacts of moderate rainfall events rather than the infrequent flooding caused by abnormal long term rainfall that fills the large storage areas west of US 301 so that they overtop and flow through his property. Cliff Cooper and Alvin Starling, who were involved with the most recent roadway resurfacing project, and Larry Boone, recently retired FDOT Maintenance Engineer, responsible for area ı tenance, are not aware of any filling in the area, either during recent construction work or by maintenance forces, that could be the incident referred to by Mr. Purvis. A field review by Larry Gaddy prompted a request for a survey to obtain a profile of the flow path across the R/W. See attached survey notes and a sketch of the profiles. The survey reveals ground elevations within the R/W and west of the box culvert that are approximately 1.5' higher than the FL of the box culvert. Data obtained from project 14050-3202 and 3203 (circa 1957, attached) show the ground west of the box culvert to be at the same elevation as the box culvert FL. See the cross section at Station 480+00. Note the datum used on these plans conflict with NGVD 1929 datum used in the survey, therefore elevations must be adjusted between the two sources. The information gathered from Cooper, Starling, and Boone, and the original plans indicate that profile changes probably occurred years ago and probably over a long period of time. This raising of the profile may have been caused by long term sedimentation. The steep roadway ditches, coupled with the sandy soils adjacent to US 301, would be expected to have carried sediment to the box culvert. As the flow velocity through the box culvert is low, this sediment would not be carried downstream. It can be argued that the ground west of the structure should be lowered approximately 1.5' in order to replicate original conditions. This is essentially what Mr. Purvis has requested. It must be pointed out, however, that there is some risk to Mr. Purvis' interest if this change is implemented. While it may be true that current conditions are splitting the discharge out of the roadway ditch from the south in a burdensome manner to Mr. Purvis (the degree of split is difficult to establish, given the flat profile), reestablishing the original profile will divert more of the north side ditch flow toward the east. This may offset any advantage envisioned by him.

Outfall Description: Other

Responsible Entity for Maintenance of Outfall- Property Owner

Attachments

Attachment	Attachment Type	Attachment Description

226145615_DrainageComplaint.pdf	Other Data	Drainage Complaint Inventory Sheet
5145638_projectplans01.pdf	Project Plans	
22614574_projectplans02.pdf	Project Plans	
226145730_sitephotos01.pdf	Site Photo	
226145811_SLD.pdf	Other Data	Sraight Line Diagram
226145847_SurveyData.pdf	Other Data	Survey Data
226145930_SWFWMD02.pdf	SWFWMD Contour Map	
226101153_SWFWMD01.pdf	SWFWMD Contour Map	
22610129_Aerialphoto01.pdf	Aerial Photo	
22610130_Contour&Profile01.pdf	USGS Quad Map	Quad Map and Profile.

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

Recommendation: Explain to Mr. Purvis that reestablishing the original profile may actually increase discharge to the east during moderate conditions. If he agrees to accept the risk and such acceptance is documented, excavate a 20' wide ditch at the same elevation as the box culvert between the west R/W and the box culvert.

Recommendation Date: 6/1/2007
Project Ranking:

1 ADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors. **(Weight Factor = 10)**	0
Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.) **(Weight Factor = 7)**	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

PRIVATE PROPERTY FLOODING MATRIX

anking of the potential financial impacts versus the flooding equency that impacts the private property. **(Weight Factor = 10)**	0

Ranking of the hazard level versus the flooding frequency that impacts the private property. **Veight Factor = 10)**	0
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	0
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Total Score	**0**

FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1406092006700

Entry Date: 6/9/2006 8:27:19 AM
Revised Date: 6/9/2006 9:02:24 AM
Completed By: Tom Ward, PBS&J

SECTION I: LOCATION

County - Pasco
State Road - SR 35, SR 39, SR 41, SR 700
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Rural
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Unknown

Local Road Subject to Flooding -
Business Name: Highlands Mobile Home Park
Business/Private Property Address Subject to Flooding -
9420 US Highway 301
Dade City, FL 33525

Location:
Latitude - 28 ° 17.693 '
Longitude - 82 ° 11.286 '

Section/Township/Range - 23 / 25S / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint -
Complainant Name - First Name Last Name
Problem Description - Unknown

Details of the Problem - This is not a flood investigation. This is a permit to build Highlands Mobile Home Park and an 18 hole golf course.

Frequency of Flooding - Unknown
Source for Frequency Data- Unknown

Historic High Water- No historic high water data was available.

Flooding Event High Water - No event high water was recorded.

History of Problem -

Other Communications

Communication Date	Type	Communication From	Communication To	Communication Attachment Name
9/7/2000	Communication Memo	Ralph Hensen , Design Services, Inc.	Bob Valdez , FDOT	fax09-07-00.pdf
7/26/2000	Communication Memo	Ralph Hensen , Design Service, Inc.	Bob Valdez , FDOT	fax07-26-00.pdf
1/14/2004	Letter or other Formal Contact	Ralph Hensen , Design Services, Inc.	John Powanda , FDOT	permit01.pdf

SECTION III: PROBLEM ANALYSIS

Permits

Permit Number	Permit Issuer	Permit Description	Permit Attachment Name
9-A-798-0062	FDOT	Highlands Mobile Home Park	18674221_PermitInfo.pdf

Attachments

Attachment	Attachment Type	Attachment Description
18615410_DrainageMap01.pdf	FDOT Drainage Map	
18615438_SWFWMDContourMap011.pdf	SWFWMD Contour Map	
18674254_AsBuiltSurvey.pdf	Other Data	
1867444_HighlandsPlans01.pdf	Other Data	
18674425_HighlandsPlans02.pdf	Other Data	
18674538_HighlandsPlans03.pdf	Other Data	
18674612_HighlandsPlans04.pdf	Other Data	
18674634_HighlandsPlans05.pdf	Other Data	
1867475_HighlandsPlans06.pdf	Other Data	
18674752_ParcelInformation.pdf	Other Data	

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

Recommendation: Permit was granted for Highlands Mobile Home Park and 18 hole golf course.

Recommendation Date:

Project Ranking:

ADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors. **(Weight Factor = 10)**	0
Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.) **(Weight Factor = 7)**	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

PRIVATE PROPERTY FLOODING MATRIX

Ranking of the potential financial impacts versus the flooding equency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the hazard level versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	0
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Total Score	**0**

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FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1406052006473

Entry Date: 6/5/2006 10:12:04 AM
Revised Date: 7/26/2006 8:27:05 AM
Completed By: Tom Ward, PBS&J

SECTION I: LOCATION

County - Pasco
State Road - SR 35, SR 39, SR 41, SR 700
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Rural
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Off-System

Local Road Subject to Flooding -
Business Name: Scotland Yards Golf Club
Business/Private Property Address Subject to Flooding -
9424 US Highway 301
Dade City, FL 33525

Location:
Latitude - 28 ° 17.664 '
Longitude - 82 ° 10.826 '

Section/Township/Range - 23 / 25S / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint - 8/3/2003
Complainant Name - Bill Rinaldo
Problem Description - Property Flooding

Details of the Problem - Mr. Bill Rinaldo, owner and operator of the Scotland Yards Golf Course, complains of flooding on portions of the golf course. See the attached copy of e-mail he sent to Ken Littlefield on August 3, 2003. To summarize the e-mail, he believes the most recent US 301 resurfacing project has caused the problem. Further discussions with his son, Dave, reveal another issue. According to Dave, the flood of 1997-1998 created more severe conditions in the wetland adjacent to Zephyr Oaks Court (located approximately in the center of Section 26) than on t golf course (at the border of the subject golf course and the golf course immediately south), whereas the current i ding conditions are reversed, i.e., the golf course is suffering more than the wetland.

Frequency of Flooding - Once every several years (2-10 year frequency)

Source for Frequency Data- Unknown

oric High Water- No historic high water data was available.

Flooding Event High Water - No event high water was recorded.

History of Problem - See above discussion.

Persons Interviewed

Site Visit Date- 8/20/2003
Site Inspection By- Larry Gaddy , PBS&J
Interviewee(s)- Dave Rinaldo ,
Site Visit Conditions- Not Applicable

Observed High Water- A High Water of Unknown was observed on the date of the site visit at Unknown .

Site Visit Details-

Other Communications

Communication Date	Type	Communication From	Communication To	Communication Attachment Name
8/3/2003	Email	Bill Rinaldo ,	Ken Littlefield ,	Bill Rinaldo_Complaint.pdf
3/9/1998	Communication Memo	Monte Ritter ,	Paul Desmarais ,	Jones Property Ditch Filling.pdf

SECTION III: PROBLEM ANALYSIS

Previous Analysis

Previous Analysis By: Larry Gaddy, PBS&J , on 11/3/2003

Previous Analysis: Cause of Problem - First a discussion of what is not the cause. There is no evidence that the recent resurfacing (2000) of US 301 has added any significant volume of water to the flood site. See attached plans for the recent resurfacing plans. Also attached are copies of sheets from the original two lane project (circa 1934) and the multilane prject (circa 1957). Since the flood area is in the low point of a large closed basin, the only way FDOT could create or exacerbate the problem would be through an increased impervious area or altering basin limits. Increasing pipe sizes (see Mr. Rinaldo's e-mail) would not add volume since the ditches and pipes will empty immediately after the end of rainfall, thus there are not volume impacts. A review of fronting development along US 301 revealed no significant changes. The larger issue of discharging "FDOT water" onto the flood area without the owner's permission is a matter of common drainage law. Uphill owners of property have the right to discharge the water entering their property (out of the sky or from their own upland neighbor) onto lower lands so long as quantities and patterns conform to historical conditions. The drainage patterns that are under the control and responsibility of FDOT haven't been altered for many decades. There were several side drain pipe extensions and changes associated with the 2000 resurfacing project. In several cases, existing side drain pipes were extended to fill small ditch areas between driveways that are a maintenance nuisance. In other areas, two single 600-mm (24-in) pipes were replaced with two double 375-mm (15-in) pipes to accommocate a ditch shift towards the right-of-way associated with shoulder construction. The smaller diameter pipe allows acceptable ditch back slope. In another area, pipes were

extended to accommodate the placement of DBI's associated with sediment pits. The side drain extensions represent 67.5 m (221.4 ft) of pipe extension and replacement and enlargement of 43.2-m (131.7 ft) of pipe. The energy losses associated with the pipe extensions typically offset the pipe enlargements and may actually allow for a lesser maximum discharge. However, in a closed basin with no ditch storage, the same volume of runoff will be conveyed to the low area in Scotland Yards Golf Course before and after the side drain changes. High water levels are determined by runoff volume in this basin. Please refer to Table 1 for a summary of side drain changes associated with the 2000 resurfacing project. A brief study of the area drainage, as gleaned from aerial photographs and contour maps (see attached SWFWMD contour map, USGS Quad map, and aerial photographs) was performed in an attempt to discover what may have reversed the flodding severity between the subject site and the area near Zephyr Oaks Court. The effort was limited, as FDOT responsibility should be limited to only the determination that they are not responsible. Based on this cursory research, the following comments are offered: - According to rain gage data, June was the 6th wettest on record. This record goes back to 1890, thus flooding is not unexpected. -Low lying areas in closed basins suffer from excess runoff volume (as measured in acre-feet) rather than runoff rate (cubic feet per second) and large basins are affected by the rainfall which falls over a period of months or years. The surface water stages are the results of the relative balance between mid or long term runoff volumes and infiltration. Infiltration is affected by ground water stages. In fact, surface water stages observed in such conditions are often the same as the ambient groundwater stages. During such conditions, groundwater movement is more lateral than vertical. Lateral flow usually occurs at a significantly slower rate than vertical flow. See attached copy of well data for gage 17602 (Wire Road Floridan) and note how levels have increased for period of record, and especially between June 10 and August 16. -As to why the current flood levels at Zephyr Oaks Court aren't as severe as in 1997-98, it cannot be determined without a comprehensive survey and computer model analysis. Even then it may not be possible because ground changes made since 1998 may not be detectable without ground data for pre 1998 conditions. The SWFWMD maps are not accurate enough to reveal small changes in ground level. Since runoff volume, rather than runoff rate, is the major factor in the flooding, subtle changes in ground elevation can produce significant impacts over a long period of time. Aerial photographs, more recent than the 1985 SWFWMD maps, suggests ground elevation changes have been made within the area of the basin west of Wire Road. It is possible that these altered the drainage patterns. It is also possible that the floods of 1997-98 prompted changes further upstream that were designed to reduce flood stages. Reducing flood stages anywhere in the basin would probably result in additional quantities of water entering the low point in the basin (golf course).

Attachments

Attachment	Attachment Type	Attachment Description
Right of Way Deed.pdf	Other Data	George Tucker given right-of-way
Right of Way Map 2.pdf	Other Data	Right of Way Map 2
Right of Way Map 1.pdf	Other Data	Right of Way Map 1
Color Aerial.pdf	Aerial Photo	Color Aerial
color_elevation.pdf	Other Data	Color Elevation Map
1957Plans.pdf	Project Plans	Additional 1957 plans
Satellite 2001_ (2).pdf	Aerial Photo	2001 Satellite Images

Satellite_1999.pdf	Aerial Photo	1999 Satellite Images
Elevation Map_ (5).pdf	Other Data	Elevation Map
Aerial Photos_ (4).pdf	Aerial Photo	Aerial Photos
17994423_SWFWMD1.pdf	SWFWMD Contour Map	SWFWMD Map
17994542_SWFWMD2.pdf	SWFWMD Contour Map	SWFWMD Map
179164518_Plan Sheets.pdf	Project Plans	Plan Sheets
179151658_topo.pdf	Other Data	
179151755_Size Drain Pipe Size Changes.pdf	Other Data	
179151842_Bill of Complaint .pdf	Other Data	
179152056_G.TuckerEtUxtoStateofFl_1.pdf	Other Data	
179152116_G.TuckerEtUxtoStateofFl_2.pdf	Other Data	
179152247_GoreDairySupply_PlantiffsMotion.pdf	Other Data	
1957 Plans_.pdf	Project Plans	1957 Plans
Drainage Complaint Inventory Sheet.pdf	Other Data	Drainage Complaint Inventory Sheet / Side Drain Pipe Size Changes / Groundwater Data
Parcel Information.pdf	Other Data	Parcel Information
Resurfacing Plans.pdf	Project Plans	US 301 Resurfacing Contract Plans

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

Recommendation: The FDOT is not the cause of flooding of the low area.

Recommendation Date:
Project Ranking:

ROADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors.
(Weight Factor = 10) 0

Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.)

(Weight Factor = 7)	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

PRIVATE PROPERTY FLOODING MATRIX

Ranking of the potential financial impacts versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	1
Ranking of the hazard level versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	1
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	3
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	9
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Total Score	**125**

FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1404052006844

Entry Date: 4/5/2006 3:53:21 PM
Revised Date: 6/19/2006 11:48:40 AM
Completed By: Hiren Patel, PBS&J

SECTION I: LOCATION

County - Pasco
State Road - SR 35, SR 39, SR 41, SR 700
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Urban
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Off-System

Local Road Subject to Flooding - Maltby Road
Business Name:
Business/Private Property Address Subject to Flooding -

Location:
Latitude - 28 ° 18.42 '
Longitude - 82 ° 11.28 '

Section/Township/Range - 14 / 25S / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint - 12/9/1998
Complainant Name - Francis Dorough
Problem Description - Unknown

Details of the Problem - Ms. Francis Dorough has a property on US 301 at Maltby Road (between Zephyrhills and Dade City). She stated that the concrete ditches along US 301 carries silts from the surrounding area into the lake in her property on US 301 at Maltby Road. She feels the Department should be responsible for cleaning up the lake.

Frequency of Flooding - Unknown
Source for Frequency Data- Unknown

Historic High Water- No historic high water data was available.

Flooding Event High Water - No event high water was recorded.

History of Problem -

(er Communications

Communication Date	Type	Communication From	Communication To	Communication Attachment Name
12/9/1998	Letter or other Formal Contact	Francis Dorough , Resident	, FDOT	Drainage Request.pdf
12/17/1998	Letter or other Formal Contact	Carlos Lopez , FDOT	Francis Dorough , Resident	Response to Drainage Request.pdf

SECTION III: PROBLEM ANALYSIS

Current Problem Analysis

Current Problem Analysis: Ms. Francis Dorough stated that the concrete ditches along US 301 have been carrying silt from the surrounding areas into the lake in her property, and feels that the Department of Transportation should be responsible for cleaning up the lake.
Outfall Description: Lake
Responsible Entity for Maintenance of Outfall- Unknown

Attachments

Attachment	Attachment Type	Attachment Description
Inventory Sheet.pdf	Other Data	Flood investigation inventory sheet
16410055_SWFWMDcontourmap.pdf	SWFWMD Contour Map	
16411398_QuadMap.pdf	Other Data	
164114138_topo map.pdf	Other Data	

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

Recommendation: After vesting the property and studying the contour maps for the area, we have the following findings: 1. The lake inside your property is at the lowest point between two steep hills. The lake is the natural receiving body of storm water runoff from this drainage basin. 2. Only a small portion of the basin runoff drains into the lake through the ditches along US 301. Most of the basin runoff drains into the lake through overland flow, which is relatively rapid because of the steep slope. The high velocity flow erodes the ground surface and carries sands and d' into the lake. 3. The ditches along US 301 were built with concrete to prevent erosion. They are mostly used for c..ying runoff from US 301. Roadway drainage is only a small portion of the total area contributing to the lake. Judging from the above information, it was determined that the accumulation of silt in the lake was caused by erosion in the surrounding areas. Because of the natural terrain, the basin runoff will drain into the lake with or without the

concrete ditches. We believe the situation in your lake was caused by nature, not by the concrete ditches or US 301.

ommendation Date: 12/17/1998
oject Ranking:

ROADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors. **(Weight Factor = 10)**	0
Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.) **(Weight Factor = 7)**	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

VATE PROPERTY FLOODING MATRIX

Ranking of the potential financial impacts versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the hazard level versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	0
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Total Score	**0**

FLOOD INVESTIGATION INVENTORY SHEET

Flood Investigation # 1404262006178

Entry Date: 4/26/2006 2:12:45 PM
Revised Date: 9/19/2007 10:56:08 AM
Completed By: Tom Ward, PBS&J .

SECTION I: LOCATION

County - Pasco
State Road - SR 39
Road Description - 4 lane(s), Principal Arterial , Roadside Ditches
Roadway Separation - Divided w/Traversable Median
Direction of Travel - Two-Way
Functional System of Road - Urban
Specific Classification of Road - Principal Arterial
Roadway Drainage - Roadside Ditches

Flooding Condition - Off-System

Local Road Subject to Flooding -
Business Name: John Deere Dealership, Highland Turf & Tractor
Business/Private Property Address Subject to Flooding -
10205 US HWY 301
Dade City , FL 33525

Location:
Latitude - 28 ° 10.19 '
Longitude - 82 ° 23.72 '

Section/Township/Range - 15 / 25N / 21E
Project is Active - Yes

SECTION II: PROBLEM DESCRIPTION

Date of Original Complaint -
Complainant Name - First Name Last Name
Problem Description - Standing Water

Details of the Problem - Site is in low area of a closed basin. Water stages are unusually high.

Frequency of Flooding - Several times per year
Source for Frequency Data- Unknown

Historic High Water- No historic high water data was available.

Flooding Event High Water - No event high water was recorded.

History of Problem - The original SR 39 drainage map shows a PW (present water) elevation of 80.7 on 10/11/34 with a HW (high water) elevation of 81.0 dated 1934. Like all similar closed basins, flooding during above average s onall rainfall is expected.

Persons Interviewed

Site Visit Date- 8/20/2003
Site Inspection By- Larry Gaddy , PBS&J
Interviewee(s)- unknown ,
Site Visit Conditions- Not Applicable

Observed High Water- No observed high water was observed on the date of the site visit.

Site Visit Details-

SECTION III: PROBLEM ANALYSIS

Current Problem Analysis
Current Problem Analysis: Since the flood area is in the low point of a closed basin (see attached SWFWMD contour map), the only way FDOT could create or exacerbate the problem would be through an increase in volume and there is no evidence that the recent resurfacing of US 301 has increased the runoff volume to the flood site. The (iage patterns that are under the control and responsibility of FDOT haven't been altered for several decades. A review of rainfall records at Tampa Airport indicate June was the 6th wettest June in the history (records began in 1890), thus "abnormal" stages in closed basins are not unexpected.
Outfall Description: Other
Responsible Entity for Maintenance of Outfall- Not Applicable

Attachments

Attachment	Attachment Type	Attachment Description
172145313_Drainagecomplaintinventory.pdf	Other Data	Drainage Complaint Inventory Sheet
172135256_Drainagemap01.pdf	FDOT Drainage Map	
172135327_SWFWMDmap141.pdf	SWFWMD Contour Map	
17213544_SWFWMDmap151.pdf	FDOT Drainage Map	
172105721_Aerialmap.pdf	Aerial Photo	

SECTION IV: CONCLUSIONS AND RECOMMENDATIONS

1 ommendation: The flood site is in the low point of a closed basin and abnormally high rainfall volumes are causing abnormally high stages. The volume of runoff FDOT R/W hasn't been increased in any significant manner since the affected business was constructed.

Recommendation Date:
Project Ranking:

ROADWAY FLOODING MATRIX

Ranking of the roadway hazard level based on accident data, ADT, depth and location of water, and site specific factors. **(Weight Factor = 10)**	0
Ranking of the operational impacts (i.e. magnitude of vehicle speed reduction, ADT, frequency of flooding, availability of detour route, and cost to FDOT to handle problem, etc.) **(Weight Factor = 7)**	0
Ranking of the nuisance factor to the public and FDOT. **(Weight Factor = 3)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Ranking of the costs to cure the problem, if any. **(Weight Factor = 5)**	**0**
Total Score	**0**

PRIVATE PROPERTY FLOODING MATRIX

Ranking of the potential financial impacts versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the hazard level versus the flooding frequency that impacts the private property. **(Weight Factor = 10)**	0
Ranking of the nuisance factor to the private property as well as FDOT. **(Weight Factor = 5)**	0
Ranking of the costs to FDOT to cure the problem versus the financial impact to the private property if not cured. **(Weight Factor = 10)**	0
Ranking of the length of time before scheduled roadway improvements that will also provide remedy, are to be let to contract. **(Weight Factor = 5)**	0
Total Score	**0**

APPENDIX E

POND TMDL CALCULATIONS

GENERAL SITE INFORMATION:	INTRODUCTION HOME PAGE	Blue Numbers = Input data Red Numbers = Answers

STEP 1: Select the appropriate Meteorological Zone and input the appropriate Mean Annual Rainfall amount.

Meteorological Zone (Please use zone map): CLICK ON CELL BELOW TO SELECT — Zone 4

CLICK HERE TO VIEW ZONE MAP

Mean Annual Rainfall (Please use rainfall map): 52.90 Inch

CLICK HERE TO VIEW MEAN ANNUAL RAINFALL MAP

STEP 2: Select the REQUIRED TREATMENT EFFICIENCY button in SINGLE SYSTEM window if the project area will be treated in single system. Select the TREATMENT TRAIN - MULTIPLE SYSTEM ANALYSIS button in the MULTIPLE SYSTEM WINDOW if multiple systems will treat the project area.

SINGLE SYSTEM WINDOW

REQUIRED TREATMENT EFFICIENCY

Systems available for analysis:

Dry Retention Ponds
Exfiltration Trenches
Underain System Ponds
Pervious Pavement
Wet Detention

RESET INPUT FOR SINGLE SYSTEM TABS

MULTIPLE SYSTEM WINDOW

TREATMENT TRAIN - MULTIPLE SYSTEMS ANALYSIS

Systems available for analysis:

Dry Retention Ponds
Exfiltration Trenches
Underain System Ponds
Pervious Pavement
Wet Detention
Stormwater Reuse
Greenroof

RESET INPUT FOR MULTIPLE SYSTEMS TABS

US 301 PD&E POND SITING REPORT
METEOROLOGICAL ZONE AND MEAN ANNUAL RAINFALL
FOR ALL POND SITES

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	11.30	%
Annual runoff volume:	2.734	ac-ft/year
Annual Mass Loading - **Nitrogen**	5.530	kg/year
Annual Mass Loading - **Phosphorus**	0.742	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	61.51	%
Annual runoff volume:	13.673	ac-ft/year
Annual Mass Loading - **Nitrogen**	27.654	kg/year
Annual Mass Loading - **Phosphorus**	3.710	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 90 US 301 PD&E
80% REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway

Total pre-developed basin area:	6.08	AC
Post-developed area (contributing basin to the pond, excluding pond):	6.08	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	11.30	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	61.51	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	5.530	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.742	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	27.654	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	3.710	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 90 US 301 PD&E

2 OF 3

80% REMOVAL

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

Total pre-developed basin area:	6.08	ac
Total treated area (contributing basin to the pond excluding pond itself):	6.08	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	80.00	%
Total **Phosphorus** removal required:	80.00	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	66.55	%
Required pre-treatment efficiency for **Phosphorus**:	36.88	%
Required pre-treatment retention:	0.66	in
Required pre-treatment retention volume:	14498.77	cf
Required pre-treatment retention volume:	0.33	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

Wet Detention Pond Characteristics:

Annual input to pond:	4.574	ac-ft/year
Annual Mass Loading - **Phosphorus**	1.241	kg/year
Total **Phosphorus** Concentration:	0.393	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.627	ac-ft

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

POND 90 US 301 PD&E 3 OF 3

80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	13.15	%
Annual runoff volume:	15.977	ac-ft/year
Annual Mass Loading - **Nitrogen**	32.314	kg/year
Annual Mass Loading - **Phosphorus**	4.335	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	70.80	%
Annual runoff volume:	79.891	ac-ft/year
Annual Mass Loading - **Nitrogen**	161.584	kg/year
Annual Mass Loading - **Phosphorus**	21.676	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00	%
Required Treatment Eff (**Phosphorus**):	80.00	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 100 US 301 PD & E 1 OF 3

80 % REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	30.96	AC
Post-developed area (contributing basin to the pond, excluding pond):	30.96	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	13.15	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	70.80	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	32.314 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	4.335 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	161.584 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	21.676 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 100 US 301 PD&E 2 OF 3

80% REMOVAL

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	30.96	ac
Total treated area (contributing basin to the pond excluding pond itself):	30.96	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	80.00	%
Total **Phosphorus** removal required:	80.00	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	66.54	%
Required pre-treatment efficiency for **Phosphorus**:	36.88	%
Required pre-treatment retention:	0.74	in
Required pre-treatment retention volume:	83008.43	cf
Required pre-treatment retention volume:	1.91	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	26.729	ac-ft/year
Annual Mass Loading - **Phosphorus**	7.252	kg/year
Total **Phosphorus** Concentration:	2.298	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	3.662	ac-ft

POND 100 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	11.91	%
Annual runoff volume:	6.115	ac-ft/year
Annual Mass Loading - **Nitrogen**	12.367	kg/year
Annual Mass Loading - **Phosphorus**	1.659	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	64.53	%
Annual runoff volume:	30.576	ac-ft/year
Annual Mass Loading - **Nitrogen**	61.841	kg/year
Annual Mass Loading - **Phosphorus**	8.296	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00	%
Required Treatment Eff (**Phosphorus**):	80.00	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 200 US 301 PD&E 1 OF 3
80% REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	12.97	AC
Post-developed area (contributing basin to the pond, excluding pond):	12.97	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	11.91	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	64.53	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	12.367	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	1.659	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	61.841	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	8.296	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 200 US 301 PD&E 2 OF 3

80% REMOVAL

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	12.97	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	1.05	in
Required water quality retention (for the entire contributing basin):	49,214	cf
if dry retention is the only desired design option:	1.130	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 200 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	10.49	%
Annual runoff volume:	4.124	ac-ft/year
Annual Mass Loading - **Nitrogen**	8.341	kg/year
Annual Mass Loading - **Phosphorus**	1.119	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	57.39	%
Annual runoff volume:	20.620	ac-ft/year
Annual Mass Loading - **Nitrogen**	41.705	kg/year
Annual Mass Loading - **Phosphorus**	5.595	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

US 301 PD&E
POND 300
80 % REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	9.81	AC
Post-developed area (contributing basin to the pond, excluding pond):	9.81	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	10.49	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	57.39	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	8.341	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	1.119	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	41.705	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	5.595	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 300 US 301 PD&E 2 OF 3

80% REMOVAL

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	9.81	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	0.94	in
Required water quality retention (for the entire contributing basin):	33,503	cf
if dry retention is the only desired design option:	0.769	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 300
80% REMOVAL

US 301 PD&E

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	9.76	%
Annual runoff volume:	4.256	ac-ft/year
Annual Mass Loading - **Nitrogen**	8.608	kg/year
Annual Mass Loading - **Phosphorus**	1.155	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	53.70	%
Annual runoff volume:	21.279	ac-ft/year
Annual Mass Loading - **Nitrogen**	43.037	kg/year
Annual Mass Loading - **Phosphorus**	5.773	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 400
80% REMOVAL

US 301 PD&E

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	10.80	AC
Post-developed area (contributing basin to the pond, excluding pond):	10.80	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	9.76	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	53.70	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	8.608 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	1.155 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	43.037 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	5.773 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 400
80% REMOVAL

US 301 PD&E

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	10.80	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	0.89	in
Required water quality retention (for the entire contributing basin):	34,824	cf
if dry retention is the only desired design option:	0.799	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 400 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	10.75	%
Annual runoff volume:	11.624	ac-ft/year
Annual Mass Loading - **Nitrogen**	23.510	kg/year
Annual Mass Loading - **Phosphorus**	3.154	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	58.71	%
Annual runoff volume:	58.124	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.558	kg/year
Annual Mass Loading - **Phosphorus**	15.770	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 500
80% REMOVAL

US 301 PD&E

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	27.05	AC
Post-developed area (contributing basin to the pond, excluding pond):	27.05	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	10.75	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	58.71	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	23.510 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	3.154 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.558 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.770 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 500 US 301 PD&E 2 OF 3

80% REMOVAL

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	27.05	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	0.96	in
Required water quality retention (for the entire contributing basin):	94,094	cf
if dry retention is the only desired design option:	2.160	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 500 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	11.59	%
Annual runoff volume:	10.560	ac-ft/year
Annual Mass Loading - **Nitrogen**	21.357	kg/year
Annual Mass Loading - **Phosphorus**	2.865	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	62.96	%
Annual runoff volume:	52.807	ac-ft/year
Annual Mass Loading - **Nitrogen**	106.804	kg/year
Annual Mass Loading - **Phosphorus**	14.327	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 600
80% REMOVAL

US 301 PD&E

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	22.95	AC
Post-developed area (contributing basin to the pond, excluding pond):	22.95	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	11.59	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	62.96	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	21.357	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	2.865	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	106.804	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	14.327	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 600
80% REMOVAL

US 301 PD&E

2 OF 3

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	22.95	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	1.02	in
Required water quality retention (for the entire contributing basin):	84,754	cf
if dry retention is the only desired design option:	1.946	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 600 US 301 PD&E 3 OF 3

80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	14.61	%
Annual runoff volume:	7.377	ac-ft/year
Annual Mass Loading - **Nitrogen**	14.920	kg/year
Annual Mass Loading - **Phosphorus**	2.001	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	78.09	%
Annual runoff volume:	36.886	ac-ft/year
Annual Mass Loading - **Nitrogen**	74.605	kg/year
Annual Mass Loading - **Phosphorus**	10.008	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 700 US 301 PD&E 1 OF 2

80 % REMOVAL

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	3.56	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	1.24	in
Required water quality retention (for the entire contributing basin):	16,078	cf
if dry retention is the only desired design option:	0.369	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 700 US 301 PD&E 2 OF 2
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	12.65	%
Annual runoff volume:	11.605	ac-ft/year
Annual Mass Loading - **Nitrogen**	23.472	kg/year
Annual Mass Loading - **Phosphorus**	3.149	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	68.28	%
Annual runoff volume:	58.031	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.370	kg/year
Annual Mass Loading - **Phosphorus**	15.745	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00	%
Required Treatment Eff (**Phosphorus**):	80.00	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 800
80% REMOVAL

US 301 PD&E

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	23.30	AC
Post-developed area (contributing basin to the pond, excluding pond):	23.30	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	12.65	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	68.28	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	23.472	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	3.149	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.370	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.745	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 800 US 301 PD&E 2 OF 3

80% REMOVAL

DRY RETENTION POND:	Blue Numbers =	Input data
	Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	23.30	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	1.11	in
Required water quality retention (for the entire contributing basin):	93,551	cf
if dry retention is the only desired design option:	2.148	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 800
80% REMOVAL

US 301 PD&E

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	11.42	%
Annual runoff volume:	11.586	ac-ft/year
Annual Mass Loading - **Nitrogen**	23.433	kg/year
Annual Mass Loading - **Phosphorus**	3.144	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	62.08	%
Annual runoff volume:	57.935	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.176	kg/year
Annual Mass Loading - **Phosphorus**	15.719	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1000 US 301 PD&E 1 OF 3
80% REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway

Total pre-developed basin area:	25.53	AC
Post-developed area (contributing basin to the pond, excluding pond):	25.53	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	11.42	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	62.08	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	23.433	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	3.144	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.176	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.719	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 1000 US 301 PD&E 2 OF 3

80% REMOVAL

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

Total pre-developed basin area:	25.53	ac
Total treated area (contributing basin to the pond excluding pond itself):	25.53	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	80.00	%
Total **Phosphorus** removal required:	80.00	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	66.54	%
Required pre-treatment efficiency for **Phosphorus**:	36.88	%
Required pre-treatment retention:	0.66	in
Required pre-treatment retention volume:	61371.93	cf
Required pre-treatment retention volume:	1.41	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

Wet Detention Pond Characteristics:

Annual input to pond:	19.383	ac-ft/year
Annual Mass Loading - **Phosphorus**	5.259	kg/year
Total **Phosphorus** Concentration:	1.666	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	2.655	ac-ft

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

POND 1000 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	10.24	%
Annual runoff volume:	3.087	ac-ft/year
Annual Mass Loading - **Nitrogen**	6.243	kg/year
Annual Mass Loading - **Phosphorus**	0.837	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	56.13	%
Annual runoff volume:	15.430	ac-ft/year
Annual Mass Loading - **Nitrogen**	31.207	kg/year
Annual Mass Loading - **Phosphorus**	4.186	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1100 US 301 PD&E 1 OF 3
80% REMOVAL

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway

Total pre-developed basin area:	7.50	AC
Post-developed area (contributing basin to the pond, excluding pond):	7.50	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	10.24	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	56.13	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	6.243	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.837	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	31.207	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	4.186	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 1100 US 301 PD&E 2 OF 3

80% REMOVAL

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	7.50	ac
Total treated area (contributing basin to the pond excluding pond itself):	7.50	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	80.00	%
Total **Phosphorus** removal required:	80.00	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	66.53	%
Required pre-treatment efficiency for **Phosphorus**:	36.86	%
Required pre-treatment retention:	0.60	in
Required pre-treatment retention volume:	16426.04	cf
Required pre-treatment retention volume:	0.38	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	5.164	ac-ft/year
Annual Mass Loading - **Phosphorus**	1.401	kg/year
Total **Phosphorus** Concentration:	0.444	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.707	ac-ft

POND 1100 US 301 PD&E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	11.93	%
Annual runoff volume:	6.934	ac-ft/year
Annual Mass Loading - **Nitrogen**	14.024	kg/year
Annual Mass Loading - **Phosphorus**	1.881	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	64.65	%
Annual runoff volume:	34.670	ac-ft/year
Annual Mass Loading - **Nitrogen**	70.122	kg/year
Annual Mass Loading - **Phosphorus**	9.407	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1200
80% REMOVAL

US 301 PD&E

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	14.68	AC
Post-developed area (contributing basin to the pond, excluding pond):	14.68	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	11.93	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	64.65	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	14.024	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	1.881	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	70.122	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	9.407	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 1200 US 301 PD&E 2 OF 3

80% REMOVAL

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	14.68	ac
Total treated area (contributing basin to the pond excluding pond itself):	14.68	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	80.00	%
Total **Phosphorus** removal required:	80.00	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	66.54	%
Required pre-treatment efficiency for **Phosphorus**:	36.87	%
Required pre-treatment retention:	0.69	in
Required pre-treatment retention volume:	36565.73	cf
Required pre-treatment retention volume:	0.84	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	11.601	ac-ft/year
Annual Mass Loading - **Phosphorus**	3.147	kg/year
Total **Phosphorus** Concentration:	0.997	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	1.589	ac-ft

POND 1200 US 301 PD & E 3 OF 3
80% REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	15.13	%
Annual runoff volume:	1.792	ac-ft/year
Annual Mass Loading - **Nitrogen**	3.623	kg/year
Annual Mass Loading - **Phosphorus**	0.486	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	80.66	%
Annual runoff volume:	8.956	ac-ft/year
Annual Mass Loading - **Nitrogen**	18.114	kg/year
Annual Mass Loading - **Phosphorus**	2.430	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	80.00 %
Required Treatment Eff (**Phosphorus**):	80.00 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1300 US 301 PD&E 1 OF 2

80% REMOVAL

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	3.05	ac
Required treatment efficiency:	80.00	%
Required retention over the total project area for required efficiency:	1.29	in
Required water quality retention (for the entire contributing basin):	14,250	cf
if dry retention is the only desired design option:	0.327	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 1300 US 301 PD & E 2 OF 2
80 % REMOVAL

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.273	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.444	kg/year
Annual Mass Loading - **Phosphorus**	0.117	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	61.51	%
Annual runoff volume:	13.673	ac-ft/year
Annual Mass Loading - **Nitrogen**	27.654	kg/year
Annual Mass Loading - **Phosphorus**	3.710	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.39 %
Required Treatment Eff (**Phosphorus**):	96.85 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 90 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Undeveloped - Ruderal/Upland Pine

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	6.08	AC
Post-developed area (contributing basin to the pond, excluding pond):	6.08	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	61.51	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	0.444	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.117	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	27.654	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	3.710	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 90 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	6.08	ac
Total treated area (contributing basin to the pond excluding pond itself):	6.08	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	98.39	%
Total **Phosphorus** removal required:	96.85	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	97.31	%
Required pre-treatment efficiency for **Phosphorus**:	90.05	%
Required pre-treatment retention:	2.96	in
Required pre-treatment retention volume:	65386.84	cf
Required pre-treatment retention volume:	1.50	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	0.368	ac-ft/year
Annual Mass Loading - **Phosphorus**	0.100	kg/year
Total **Phosphorus** Concentration:	0.032	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.050	ac-ft

POND 90 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	1.392	ac-ft/year
Annual Mass Loading - **Nitrogen**	2.263	kg/year
Annual Mass Loading - **Phosphorus**	0.596	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	70.80	%
Annual runoff volume:	79.891	ac-ft/year
Annual Mass Loading - **Nitrogen**	161.584	kg/year
Annual Mass Loading - **Phosphorus**	21.676	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.60 %
Required Treatment Eff (**Phosphorus**):	97.25 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 100 US 301 PD&E 1 OF 3
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Undeveloped - Ruderal/Upland Pine
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	30.96	AC
Post-developed area (contributing basin to the pond, excluding pond):	30.96	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	70.80	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	2.263 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.596 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	161.584 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	21.676 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 100 US 301 PD&E 2 OF 3
UNDEVELOPED EXISTING CONDITIONS

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	30.96	ac
Total treated area (contributing basin to the pond excluding pond itself):	30.96	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	98.60	%
Total **Phosphorus** removal required:	97.25	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	97.66	%
Required pre-treatment efficiency for **Phosphorus**:	91.33	%
Required pre-treatment retention:	3.50	in
Required pre-treatment retention volume:	393430.98	cf
Required pre-treatment retention volume:	9.03	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

Wet Detention Pond Characteristics:

Annual input to pond:	1.872	ac-ft/year
Annual Mass Loading - **Phosphorus**	0.508	kg/year
Total **Phosphorus** Concentration:	0.161	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.256	ac-ft

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

POND 100 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.583	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.948	kg/year
Annual Mass Loading - **Phosphorus**	0.250	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	64.53	%
Annual runoff volume:	30.576	ac-ft/year
Annual Mass Loading - **Nitrogen**	61.841	kg/year
Annual Mass Loading - **Phosphorus**	8.296	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.47 %
Required Treatment Eff (**Phosphorus**):	96.99 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 200 US 301 PD&E 1 OF 3
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Undeveloped - Ruderal/Upland Pine

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	12.97	AC
Post-developed area (contributing basin to the pond, excluding pond):	12.97	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	64.53	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	0.948 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.250 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	61.841 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	8.296 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 200 US 301 PD&E 2 OF 3

UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	12.97	ac
Required treatment efficiency:	98.47	%
Required retention over the total project area for required efficiency:	3.85	in
Required water quality retention (for the entire contributing basin):	181,371	cf
if dry retention is the only desired design option:	4.164	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 200 US 301 PD&E 3 OF 3
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.441	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.717	kg/year
Annual Mass Loading - **Phosphorus**	0.189	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	57.39	%
Annual runoff volume:	20.620	ac-ft/year
Annual Mass Loading - **Nitrogen**	41.705	kg/year
Annual Mass Loading - **Phosphorus**	5.595	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.28 %
Required Treatment Eff (**Phosphorus**):	96.63 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 300 US 301 PD&E 1 OF 3
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Undeveloped - Ruderal/Upland Pine

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	9.81	AC
Post-developed area (contributing basin to the pond, excluding pond):	9.81	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	57.39	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	0.717 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.189 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	41.705 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	5.595 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 300 US 301 PD&E 2 OF 3

UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	9.81	ac
Required treatment efficiency:	98.28	%
Required retention over the total project area for required efficiency:	3.39	in
Required water quality retention (for the entire contributing basin):	120,582	cf
if dry retention is the only desired design option:	2.768	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 300 US 301 PD&E 3 OF 3
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.486	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.789	kg/year
Annual Mass Loading - **Phosphorus**	0.208	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	53.70	%
Annual runoff volume:	21.279	ac-ft/year
Annual Mass Loading - **Nitrogen**	43.037	kg/year
Annual Mass Loading - **Phosphorus**	5.773	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.17 %
Required Treatment Eff (**Phosphorus**):	96.40 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 400 US 301 PD&E 1 OF 3
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Undeveloped - Ruderal/Upland Pine

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	10.80	AC
Post-developed area (contributing basin to the pond, excluding pond):	10.80	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	53.70	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	0.789 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.208 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	43.037 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	5.773 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 400 US 301 PD&E 2 OF 3
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	10.80	ac
Required treatment efficiency:	98.17	%
Required retention over the total project area for required efficiency:	3.13	in
Required water quality retention (for the entire contributing basin):	122,755	cf
if dry retention is the only desired design option:	2.818	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

POND 400 US 301 PD&E 3 OF 3

UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	1.216	ac-ft/year
Annual Mass Loading - **Nitrogen**	1.977	kg/year
Annual Mass Loading - **Phosphorus**	0.521	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	58.71	%
Annual runoff volume:	58.124	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.558	kg/year
Annual Mass Loading - **Phosphorus**	15.770	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.32 %
Required Treatment Eff (**Phosphorus**):	96.70 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 500 US 301 PD&E 1 OF 3
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Undeveloped - Ruderal/Upland Pine
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	27.05	AC
Post-developed area (contributing basin to the pond, excluding pond):	27.05	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	58.71	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	1.977	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.521	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.558	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.770	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 500 US 301 PD&E 2 OF 3
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	27.05	ac
Required treatment efficiency:	98.32	%
Required retention over the total project area for required efficiency:	3.46	in
Required water quality retention (for the entire contributing basin):	339,674	cf
if dry retention is the only desired design option:	7.798	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 500 US 301 PD&E 3 OF 3
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	1.032	ac-ft/year
Annual Mass Loading - **Nitrogen**	1.677	kg/year
Annual Mass Loading - **Phosphorus**	0.442	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	62.96	%
Annual runoff volume:	52.807	ac-ft/year
Annual Mass Loading - **Nitrogen**	106.804	kg/year
Annual Mass Loading - **Phosphorus**	14.327	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.43	%
Required Treatment Eff (**Phosphorus**):	96.92	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 600 US 301 PD&I

UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — Undeveloped - Ruderal/Upland Pine

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — Highway

Total pre-developed basin area:	22.95	AC
Post-developed area (contributing basin to the pond, excluding pond):	22.95	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	62.96	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	1.677 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.442 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	106.804 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	14.327 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Post Developed Land Use: CLICK ON CELL BELOW TO SELECT — PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT: USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 600 US 301 PD&E 2 OF 3
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	22.95	ac
Required treatment efficiency:	98.43	%
Required retention over the total project area for required efficiency:	3.74	in
Required water quality retention (for the entire contributing basin):	311,511	cf
if dry retention is the only desired design option:	7.151	ac-ft

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

POND 600 US 301 PD&E 3 OF 3
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.583	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.948	kg/year
Annual Mass Loading - **Phosphorus**	0.250	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	78.09	%
Annual runoff volume:	36.886	ac-ft/year
Annual Mass Loading - **Nitrogen**	74.605	kg/year
Annual Mass Loading - **Phosphorus**	10.008	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.73 %
Required Treatment Eff (**Phosphorus**):	97.51 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 700 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	3.56	ac
Required treatment efficiency:	98.73	%
Required retention over the total project area for required efficiency:	4.00	in
Required water quality retention (for the entire contributing basin):	51,691	cf
if dry retention is the only desired design option:	1.187	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

WARNING: THE REQUIRED TREATMENT EFFICIENCY EXCEEDS THE HIGHEST TREATMENT EFFICIENCY ASSOCIATED WITH MAXIMUM RETENTION OF 4.00 INCHES (SEE APPENDIX D OF THE HARPER REPORT DATED JUNE 2007). THE SPREADSHEET WILL UTILIZE 4.00 INCHES FOR VOLUME COMPUTATION.

POND 700 US 301 PD & E
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	1.048	ac-ft/year
Annual Mass Loading - **Nitrogen**	1.703	kg/year
Annual Mass Loading - **Phosphorus**	0.448	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	68.28	%
Annual runoff volume:	58.031	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.370	kg/year
Annual Mass Loading - **Phosphorus**	15.745	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.55	%
Required Treatment Eff (**Phosphorus**):	97.15	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 800 US 301 PD&E 1 OF 3

UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Undeveloped - Ruderal/Upland Pine
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	23.30	AC
Post-developed area (contributing basin to the pond, excluding pond):	23.30	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	68.28	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	1.703 kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.448 kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.370 kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.745 kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	kg/year

POND 800 US 301 PD&E 2 OF 3
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	23.30	ac
Required treatment efficiency:	98.55	%
Required retention over the total project area for required efficiency:	4.00	in
Required water quality retention (for the entire contributing basin):	338,316	cf
if dry retention is the only desired design option:	7.767	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

WARNING: THE REQUIRED TREATMENT EFFICIENCY EXCEEDS THE HIGHEST TREATMENT EFFICIENCY ASSOCIATED WITH MAXIMUM RETENTION OF 4.00 INCHES (SEE APPENDIX D OF THE HARPER REPORT DATED JUNE 2007). THE SPREADSHEET WILL UTILIZE 4.00 INCHES FOR VOLUME COMPUTATION.

POND 800 US 301 PD&E 3 OF 3
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	1.148	ac-ft/year
Annual Mass Loading - **Nitrogen**	1.866	kg/year
Annual Mass Loading - **Phosphorus**	0.491	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	62.08	%
Annual runoff volume:	57.935	ac-ft/year
Annual Mass Loading - **Nitrogen**	117.176	kg/year
Annual Mass Loading - **Phosphorus**	15.719	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.41 %
Required Treatment Eff (**Phosphorus**):	96.87 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1000 US 301 PD&E 1 OF 3

UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Undeveloped - Ruderal/Upland Pine
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	25.53	AC
Post-developed area (contributing basin to the pond, excluding pond):	25.53	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	62.08	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	1.866	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.491	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	117.176	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.719	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 1000 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	25.53	ac
Total treated area (contributing basin to the pond excluding pond itself):	25.53	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	98.41	%
Total **Phosphorus** removal required:	96.87	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	97.34	%
Required pre-treatment efficiency for **Phosphorus**:	90.14	%
Required pre-treatment retention:	2.99	in
Required pre-treatment retention volume:	277325.95	cf
Required pre-treatment retention volume:	6.37	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	1.543	ac-ft/year
Annual Mass Loading - **Phosphorus**	0.419	kg/year
Total **Phosphorus** Concentration:	0.133	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.211	ac-ft

POND 1000 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.337	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.548	kg/year
Annual Mass Loading - **Phosphorus**	0.144	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	56.13	%
Annual runoff volume:	15.430	ac-ft/year
Annual Mass Loading - **Nitrogen**	31.207	kg/year
Annual Mass Loading - **Phosphorus**	4.186	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.24 %
Required Treatment Eff (**Phosphorus**):	96.55 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1100 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Undeveloped - Ruderal/Upland Pine
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	7.50	AC
Post-developed area (contributing basin to the pond, excluding pond):	7.50	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	56.13	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	0.548	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	0.144	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	31.207	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	4.186	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

POND 1100 US 301 PD&E 2 OF 3

UNDEVELOPED EXISTING CONDITIONS

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	7.50	ac
Total treated area (contributing basin to the pond excluding pond itself):	7.50	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	98.24	%
Total **Phosphorus** removal required:	96.55	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	97.06	%
Required pre-treatment efficiency for **Phosphorus**:	89.12	%
Required pre-treatment retention:	2.65	in
Required pre-treatment retention volume:	72134.72	cf
Required pre-treatment retention volume:	1.66	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	0.453	ac-ft/year
Annual Mass Loading - **Phosphorus**	0.123	kg/year
Total **Phosphorus** Concentration:	0.039	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	0.062	ac-ft

POND 1100 US 301 PD&E
UNDEVELOPED EXISTING CONDITIONS

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	0.00	%
Annual runoff volume:	0.137	ac-ft/year
Annual Mass Loading - **Nitrogen**	0.223	kg/year
Annual Mass Loading - **Phosphorus**	0.059	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	80.66	%
Annual runoff volume:	8.956	ac-ft/year
Annual Mass Loading - **Nitrogen**	18.114	kg/year
Annual Mass Loading - **Phosphorus**	2.430	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	98.77 %
Required Treatment Eff (**Phosphorus**):	97.58 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

POND 1300 US 301 PD&E 1 OF 2
UNDEVELOPED EXISTING CONDITIONS

DRY RETENTION POND:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE DRY RETENTION POND SERVING ENTIRE CONTRIBUTING BASIN(S):

CONTRIBUTING BASIN AND DRY RETENTION POND CHARACTERISTICS:

Entire contributing basin area:	3.05	ac
Required treatment efficiency:	98.77	%
Required retention over the total project area for required efficiency:	4.00	in
Required water quality retention (for the entire contributing basin):	44,286	cf
if dry retention is the only desired design option:	1.017	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO VIEW METHODOLOGY FOR DRY RETENTION PONDS

CLICK HERE TO VIEW TYPICAL DRY RETENTION POND SCHEMATIC

ERROR MESSAGE WINDOW FOR SINGLE DRY POND:

WARNING: THE REQUIRED TREATMENT EFFICIENCY EXCEEDS THE HIGHEST TREATMENT EFFICIENCY ASSOCIATED WITH MAXIMUM RETENTION OF 4.00 INCHES (SEE APPENDIX D OF THE HARPER REPORT DATED JUNE 2007). THE SPREADSHEET WILL UTILIZE 4.00 INCHES FOR VOLUME COMPUTATION.

POND 1300 US 301 PD&E 2 OF 2
UNDEVELOPED EXISTING CONDITIONS

POND 90

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	47.70	%
Annual runoff volume:	10.338	ac-ft/year
Annual Mass Loading - **Nitrogen**	20.909	kg/year
Annual Mass Loading - **Phosphorus**	2.805	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	61.51	%
Annual runoff volume:	13.259	ac-ft/year
Annual Mass Loading - **Nitrogen**	26.817	kg/year
Annual Mass Loading - **Phosphorus**	3.597	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	22.03	%
Required Treatment Eff (**Phosphorus**):	22.03	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway

Total pre-developed basin area:	6.08	AC
Post-developed area (contributing basin to the pond, excluding pond):	6.08	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	47.70	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	61.51	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	20.909	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	2.805	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	26.817	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	3.597	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	6.08	ac
Total treated area (contributing basin to the pond excluding pond itself):	6.08	ac
Annual average residence time (between 1 and 500 days):	5.00	days
Total **Nitrogen** removal required:	22.03	%
Total **Phosphorus** removal required:	22.03	%
Anticipated total **Nitrogen** removal efficiency:	23.32	%
Anticipated total **Phosphorous** removal efficiency:	50.94	%
The Wet Detention Is Sufficient:	YES	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	0.00	%
Required pre-treatment efficiency for **Phosphorus**:	0.00	%
Required pre-treatment retention:	0.00	in
Required pre-treatment retention volume:	0.00	cf
Required pre-treatment retention volume:	0.00	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	13.259	ac-ft/year
Annual Mass Loading - **Phosphorus**	3.597	kg/year
Total **Phosphorus** Concentration:	1.765	kg/year
Mean Pond Concentration:	0.106	mg/L
Mean Chlorophyll-a Concentration:	54.855	mg/cm
Mean Secchi Disk Depth:	2.204	ft
Anoxic Depth:	8.844	ft
Minimum Pond Permanent Pool:	0.182	ac-ft

Pond 100

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	37.79	%
Annual runoff volume:	42.005	ac-ft/year
Annual Mass Loading - **Nitrogen**	84.957	kg/year
Annual Mass Loading - **Phosphorus**	11.397	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	70.80	%
Annual runoff volume:	77.475	ac-ft/year
Annual Mass Loading - **Nitrogen**	156.697	kg/year
Annual Mass Loading - **Phosphorus**	21.020	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	45.78 %
Required Treatment Eff (**Phosphorus**):	45.78 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

	CLICK ON CELL BELOW TO SELECT
Pre Developed Land Use:	Highway
	CLICK ON CELL BELOW TO SELECT
Post Developed Land Use:	Highway

Total pre-developed basin area:	30.96	AC
Post-developed area (contributing basin to the pond, excluding pond):	30.96	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	37.79	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	70.80	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	84.957	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	11.397	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	156.697	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	21.020	kg/year

BASIN NO.2 CHARACTERISTICS:

	CLICK ON CELL BELOW TO SELECT
Pre Developed Land Use:	PLEASE SELECT LAND USE:
	CLICK ON CELL BELOW TO SELECT
Post Developed Land Use:	PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

	CLICK ON CELL BELOW TO SELECT
Pre Developed Land Use:	PLEASE SELECT LAND USE:
	CLICK ON CELL BELOW TO SELECT
Post Developed Land Use:	PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	30.96	ac
Total treated area (contributing basin to the pond excluding pond itself):	30.96	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	45.78	%
Total **Phosphorus** removal required:	45.78	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	9.30	%
Required pre-treatment efficiency for **Phosphorus**:	0.00	%
Required pre-treatment retention:	0.07	in
Required pre-treatment retention volume:	8000.64	cf
Required pre-treatment retention volume:	0.18	ac-ft

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

Wet Detention Pond Characteristics:

Annual input to pond:	70.273	ac-ft/year
Annual Mass Loading - **Phosphorus**	19.066	kg/year
Total **Phosphorus** Concentration:	6.041	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	9.626	ac-ft

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Pond 1000

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	26.48	%
Annual runoff volume:	24.541	ac-ft/year
Annual Mass Loading - **Nitrogen**	49.636	kg/year
Annual Mass Loading - **Phosphorus**	6.659	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	62.08	%
Annual runoff volume:	56.073	ac-ft/year
Annual Mass Loading - **Nitrogen**	113.411	kg/year
Annual Mass Loading - **Phosphorus**	15.214	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	56.23 %
Required Treatment Eff (**Phosphorus**):	56.23 %

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	25.53	AC
Post-developed area (contributing basin to the pond, excluding pond):	25.53	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	26.48	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	62.08	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	49.636	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	6.659	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	113.411	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	15.214	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	25.53	ac
Total treated area (contributing basin to the pond excluding pond itself):	25.53	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	56.23	%
Total **Phosphorus** removal required:	56.23	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	26.78	%
Required pre-treatment efficiency for **Phosphorus**:	0.00	%
Required pre-treatment retention:	0.19	in
Required pre-treatment retention volume:	17212.22	cf
Required pre-treatment retention volume:	0.40	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	41.057	ac-ft/year
Annual Mass Loading - **Phosphorus**	11.140	kg/year
Total **Phosphorus** Concentration:	3.529	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	5.624	ac-ft

Pond 11100

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	28.01	%
Annual runoff volume:	7.603	ac-ft/year
Annual Mass Loading - **Nitrogen**	15.378	kg/year
Annual Mass Loading - **Phosphorus**	2.063	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	56.13	%
Annual runoff volume:	14.934	ac-ft/year
Annual Mass Loading - **Nitrogen**	30.205	kg/year
Annual Mass Loading - **Phosphorus**	4.052	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	49.09	%
Required Treatment Eff (**Phosphorus**):	49.09	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: Highway

Total pre-developed basin area:	7.50	AC
Post-developed area (contributing basin to the pond, excluding pond):	7.50	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	28.01	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	56.13	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	15.378	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	2.063	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	30.205	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	4.052	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT: PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:		POST:	
EMC(N):	0.000	mg/L	0.000	mg/L
EMC(P):	0.000	mg/L	0.000	mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	7.50	ac
Total treated area (contributing basin to the pond excluding pond itself):	7.50	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	49.09	%
Total **Phosphorus** removal required:	49.09	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	14.82	%
Required pre-treatment efficiency for **Phosphorus**:	0.00	%
Required pre-treatment retention:	0.10	in
Required pre-treatment retention volume:	2602.09	cf
Required pre-treatment retention volume:	0.06	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	12.720	ac-ft/year
Annual Mass Loading - **Phosphorus**	3.451	kg/year
Total **Phosphorus** Concentration:	1.093	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	1.742	ac-ft

Pond 1200

REQUIRED TREATMENT EFFICIENCY:	GENERAL SITE INFORMATION PAGE	Blue Numbers =	Input data
		Red Numbers =	Answers

STEP 1: Specify pre- and post-development basin(s) characteristics.

CLICK HERE TO SPECIFY PRE- AND POST-DEVELOPMENT CONTRIBUTING BASIN(S) CHARACTERISTICS

Pre-development basin(s) characteristics:

Pre-development non DCIA CN:	39.00	
Pre-development DCIA percentage:	32.63	%
Annual runoff volume:	17.235	ac-ft/year
Annual Mass Loading - **Nitrogen**	34.859	kg/year
Annual Mass Loading - **Phosphorus**	4.676	kg/year

Post-development basin(s) characteristics:

Post-development non DCIA CN:	39.00	
Post-development DCIA percentage:	64.65	%
Annual runoff volume:	33.556	ac-ft/year
Annual Mass Loading - **Nitrogen**	67.869	kg/year
Annual Mass Loading - **Phosphorus**	9.104	kg/year

Required Treatment Efficiency:

Required Treatment Eff (**Nitrogen**):	48.64	%
Required Treatment Eff (**Phosphorus**):	48.64	%

CLICK HERE TO VIEW REQUIRED TREATMENT EFFICIENCY METHODOLOGY

STEP 2: Select the appropriate treatment system.

DRY RETENTION POND	EXFILTRATION TRENCH	UNDERDRAIN SYSTEM POND
PERVIOUS PAVEMENT	WET DETENTION	

#

BASIN(S) TO SINGLE SYSTEM

REQUIRED TREATMENT EFFICIENCY

Blue Numbers =	Input data
Red Numbers =	Answers

BASIN NO.1 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT Highway

Total pre-developed basin area:	14.68	AC
Post-developed area (contributing basin to the pond, excluding pond):	14.68	AC
Pre-Developed Non DCIA CN:	39.00	
Pre-Developed DCIA Percentage:	32.63	%
Post-Developed Non DCIA CN:	39.00	
Post-Developed DCIA Percentage:	64.65	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**	34.859	kg/year
Pre-development Annual Mass Loading - **Phosphorus:**	4.676	kg/year
Post-development Annual Mass Loading - **Nitrogen:**	67.869	kg/year
Post-development Annual Mass Loading - **Phosphorus:**	9.104	kg/year

BASIN NO.2 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

BASIN NO.3 CHARACTERISTICS:

Pre Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:
Post Developed Land Use:	CLICK ON CELL BELOW TO SELECT PLEASE SELECT LAND USE:

Total pre-developed basin area:	0.00	AC
Post-developed area (contributing basin to the pond, excluding pond):	0.00	AC
Pre-Developed Non DCIA CN:	30.00	
Pre-Developed DCIA Percentage:	0.00	%
Post-Developed Non DCIA CN:	30.00	
Post-Developed DCIA Percentage:	5.00	%

OVERWRITE DEFAULT CONCENTRATIONS:

	PRE:	POST:
EMC(N):	0.000 mg/L	0.000 mg/L
EMC(P):	0.000 mg/L	0.000 mg/L

CLICK ON CELL BELOW TO SELECT:

USE DEFAULT CONCENTRATIONS

Pre-development Annual Mass Loading - **Nitrogen:**		kg/year
Pre-development Annual Mass Loading - **Phosphorus:**		kg/year
Post-development Annual Mass Loading - **Nitrogen:**		kg/year
Post-development Annual Mass Loading - **Phosphorus:**		kg/year

WET DETENTION:

Blue Numbers =	Input data
Red Numbers =	Answers

SINGLE WET DETENTION POND IN SERIES WITH DRY RETENTION "PRE-TREATMENT":

Total pre-developed basin area:	14.68	ac
Total treated area (contributing basin to the pond excluding pond itself):	14.68	ac
Annual average residence time (between 1 and 500 days):	50.00	days
Total **Nitrogen** removal required:	48.64	%
Total **Phosphorus** removal required:	48.64	%
Anticipated total **Nitrogen** removal efficiency:	40.23	%
Anticipated total **Phosphorous** removal efficiency:	68.32	%
The Wet Detention Is Sufficient:	NO	

IMPORTANT NOTE !!! CAUTION !!!: For the average annual residence time click on the methodology button below to access the appropriate charts.

CLICK HERE TO VIEW METHODOLOGY FOR WET DETENTION PONDS

CLICK HERE TO GO TO REQUIRED TREATMENT EFFICIENCY TAB

CLICK HERE TO GO TO VIEW TYPICAL WET DETENTION POND SCHEMATIC

Treatment Train Option Alert: CLICK HERE FOR MORE INFO:

Required pre-treatment efficiency for **Nitrogen**:	14.07	%
Required pre-treatment efficiency for **Phosphorus**:	0.00	%
Required pre-treatment retention:	0.10	in
Required pre-treatment retention volume:	5361.92	cf
Required pre-treatment retention volume:	0.12	ac-ft

Wet Detention Pond Characteristics:

Annual input to pond:	28.834	ac-ft/year
Annual Mass Loading - **Phosphorus**	7.823	kg/year
Total **Phosphorus** Concentration:	2.479	kg/year
Mean Pond Concentration:	0.061	mg/L
Mean Chlorophyll-a Concentration:	30.587	mg/cm
Mean Secchi Disk Depth:	3.002	ft
Anoxic Depth:	10.282	ft
Minimum Pond Permanent Pool:	3.950	ac-ft

APPENDIX F

POND ATTENUATION CALCULATIONS

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 90

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		2.90	98	284.2
Pervious	A	3.18	39	124.02
Total		6.08		408.22
Weighted CN			**67.14**	

P = 11.0 in.
S = 4.89
Q = 6.73
Runoff Volume = 3.41 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		3.74	98	366.52
Pervious	A	2.34	39	91.26
Total		6.08		457.78
Weighted CN			**75.29**	

P = 11.0 in.
S = 3.28
Q = 7.85
Runoff Volume = 3.98 ac-ft

Required Attenuation Volume Needed = 0.57 ac-ft

Basin 100

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		10.77	98	1055.46
Pervious	A	20.19	39	787.41
Total		30.96		1842.87
Weighted CN			**59.52**	

P = 19.5 in.
S = 6.80
Q = 13.19
Runoff Volume = 34.04 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		21.92	98	2148.16
Pervious	A	9.04	39	352.56
Total		30.96		2500.72
Weighted CN			**80.77**	

P = 19.5 in.
S = 2.38
Q = 16.91
Runoff Volume = 43.62 ac-ft

Required Attenuation Volume Needed = 9.58 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 200

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		4.41	98	432.18
Pervious	A	8.56	39	333.84
Total		12.97		766.02
Weighted CN			**59.06**	

P = 19.5 in.
S = 6.93
Q = 13.10
Runoff Volume = 14.16 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		8.37	98	820.26
Pervious	A	4.60	39	179.4
Total		12.97		999.66
Weighted CN			**77.07**	

P = 19.5 in.
S = 2.97
Q = 16.34
Runoff Volume = 17.66 ac-ft

Required Attenuation Volume Needed = 3.50 ac-ft

Basin 300

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		3.05	98	298.9
Pervious	A	6.76	39	263.64
Total		9.81		562.54
Weighted CN			**57.34**	

P = 19.5 in.
S = 7.44
Q = 12.75
Runoff Volume = 10.42 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		5.63	98	551.74
Pervious	A	4.18	39	163.02
Total		9.81		714.76
Weighted CN			**72.86**	

P = 19.5 in.
S = 3.72
Q = 15.65
Runoff Volume = 12.79 ac-ft

Required Attenuation Volume Needed = 2.37 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 400

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		2.84	98	278.32
Pervious	A	7.96	39	310.44
Total		10.80		588.76
Weighted CN			**54.51**	

P = 19.5 in.
S = 8.34
Q = 12.15
Runoff Volume = 10.93 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		5.80	98	568.4
Pervious	A	5.00	39	195
Total		10.80		763.4
Weighted CN			**70.69**	

P = 19.5 in.
S = 4.15
Q = 15.28
Runoff Volume = 13.75 ac-ft

Required Attenuation Volume Needed = 2.82 ac-ft

Basin 500

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		6.29	98	616.42
Pervious	A	20.19	39	787.41
Total		27.05		1403.83
Weighted CN			**51.90**	

P = 19.5 in.
S = 9.27
Q = 11.57
Runoff Volume = 26.08 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		15.88	98	1556.24
Pervious	A	9.04	39	352.56
Total		27.05		1908.8
Weighted CN			**70.57**	

P = 19.5 in.
S = 4.17
Q = 15.26
Runoff Volume = 34.39 ac-ft

Required Attenuation Volume Needed = 8.31 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 600

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		6.51	98	637.98
Pervious	A	16.44	39	641.16
Total		22.95		1279.14
Weighted CN			**55.74**	

P = 19.5 in.
S = 7.94
Q = 12.41
Runoff Volume = 23.73 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		14.45	98	1416.1
Pervious	A	8.50	39	331.5
Total		22.95		1747.6
Weighted CN			**76.15**	

P = 19.5 in.
S = 3.13
Q = 16.19
Runoff Volume = 30.96 ac-ft

Required Attenuation Volume Needed = 7.22 ac-ft

Basin 700

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		1.04	98	101.92
Pervious	A	2.52	39	98.28
Total		3.56		200.2
Weighted CN			**56.24**	

P = 19.5 in.
S = 7.78
Q = 12.52
Runoff Volume = 3.71 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		2.78	98	272.44
Pervious	A	0.78	39	30.42
Total		3.56		302.86
Weighted CN			**85.07**	

P = 19.5 in.
S = 1.75
Q = 17.54
Runoff Volume = 5.20 ac-ft

Required Attenuation Volume Needed = 1.49 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 800

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		7.44	98	729.12
Pervious	A	15.86	39	618.54
Total		23.30		1347.66
Weighted CN			**57.84**	

P = 19.5 in.
S = 7.29
Q = 12.85
Runoff Volume = 24.95 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		15.91	98	1559.18
Pervious	A	7.39	39	288.21
Total		23.30		1847.39
Weighted CN			**79.29**	

P = 19.5 in.
S = 2.61
Q = 16.68
Runoff Volume = 32.39 ac-ft

Required Attenuation Volume Needed = 7.44 ac-ft

Basin 1000

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		6.76	98	662.48
Pervious	A	18.77	39	732.03
Total		25.53		1394.51
Weighted CN			**54.62**	

P = 11.0 in.
S = 8.31
Q = 4.94
Runoff Volume = 10.51 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		15.85	98	1553.3
Pervious	A	9.68	39	377.52
Total		25.53		1930.82
Weighted CN			**75.63**	

P = 11.0 in.
S = 3.22
Q = 7.90
Runoff Volume = 16.80 ac-ft

Required Attenuation Volume Needed = 6.29 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 1100

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		2.10	98	205.8
Pervious	A	5.40	39	210.6
Total		7.50		416.4
Weighted CN			**55.52**	

P = 11.0 in.
S = 8.01
Q = 5.07
Runoff Volume = 3.17 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		4.21	98	412.58
Pervious	A	3.29	39	128.31
Total		7.50		540.89
Weighted CN			**72.12**	

P = 11.0 in.
S = 3.87
Q = 7.42
Runoff Volume = 4.64 ac-ft

Required Attenuation Volume Needed = 1.47 ac-ft

Basin 1200

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		4.79	98	469.42
Pervious	A	9.89	39	385.71
Total		14.68		855.13
Weighted CN			**58.25**	

P = 11.0 in.
S = 7.17
Q = 5.47
Runoff Volume = 6.69 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		9.49	98	930.02
Pervious	A	5.19	39	202.41
Total		14.68		1132.43
Weighted CN			**77.14**	

P = 11.0 in.
S = 2.96
Q = 8.10
Runoff Volume = 9.91 ac-ft

Required Attenuation Volume Needed = 3.22 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/27/2009
Task	Attenuation Volume Calculations	Sheet		Of	

Basin 1300

Pre-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		1.18	98	115.64
Pervious	A	1.87	39	72.93
Total		3.05		188.57
Weighted CN			**61.83**	

P = 11.0 in.
S = 6.17
Q = 5.98
Runoff Volume = 1.52 ac-ft

Post-developed Area & CN				
Land Use	Hydrographic Soil Group	Area (ac.)	CN	Area*CN
Roadway		2.46	98	241.08
Pervious	A	0.59	39	23.01
Total		3.05		264.09
Weighted CN			**86.59**	

P = 11.0 in.
S = 1.55
Q = 9.34
Runoff Volume = 2.37 ac-ft

Required Attenuation Volume Needed = 0.85 ac-ft

Job No.	088721	No.	

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed	AEW	Date	3/26/2009
Subject	Pond Siting Report Design	Checked	CBC	Date	3/30/2009
Task	Pond Design Calculations	Sheet		Of	

U.S. 301 Pond Design

Segment	Basin	Length (ft)	Estimated Proposed LEOTL	Estimated SHW	Avg. Ground Elevation at Pond Site	Anticipated Design Depth (ft)	Permeability (in/hr)	Pond Type	Soil Classification
A (rev.)	90	1325	93					Dry	
A	100	5950	88	83	89	3	2.9	Wet	Sparr
A	200	2825	121	100	126	6	4.6	Dry	Arredondo
B	300	1900	89	82	85	1.5	4.45	Dry	Adamsville
B	400	1960	89	82	83	1.4	9.4 / 4.4	Dry	Adamsville/ Millhopper
B	500	5320	105	93	100	2.1	2.9	Dry	Sparr
B	600	4660	87	81	106	0.6	7.8	Dry	Candler
B	700	940	114	94	102	4	4.8	Dry	Kendrick
B	800	5230	95	84	88	1.9	4.6	Dry	Arredondo
C	1000	4370	77	73	80	2	9.4	Wet	Adamsville
C	1100	1420	77	73	80	2	9.4	Wet	Tavares
D	1200	2970	78	75	76	1	N/A	Wet	Basinger
D	1300	830	95	90	99	2	N/A	Dry	Lake

LEOTL = Low Edge of Through Lane

Job No. 088721 | No.

HDR Computation

Project	U.S. 301 PD&E from C.R. 54 to S.R 533	Computed AEW	Date 3/26/2009
Subject	Pond Siting Report Design	Checked CBC	Date 3/30/2009
Task	Basin Calculations	Sheet	Of

U.S. 301 Basin Areas

Alternative	Segment	Basin	Length (ft)	Estimated Avg. R/W Width (ft)	Proposed Impervious Width (ft)	Proposed Pervious Width (ft)	Proposed Impervious Area (ac)	Proposed Side Road Tie-ins Impervious Area (ac)	Proposed Side Road Tie-ins Total Area (ac)	Total Impervious Area (ac)	Total Basin Area (ac)	Remarks
LS Urban	A (rev.)	90	1325	200	123	77.0	3.74	N/A	N/A	3.74	6.08	
LS Urban	A	100	675	200	128.5	71.5	1.99	N/A	N/A	N/A	N/A	
LS Urban	A	100	700	200	150.5	49.5	2.42	N/A	N/A	N/A	N/A	
HS Urban	A	100	2264	200	129	71	6.70	1.32	1.72	N/A	N/A	Includes areas from frontage road & CR 54.
HS Urban	A	100	2311	200	151	49	8.01	1.47	1.92	21.92	30.96	
HS Urban	A	200	2825	200	129	71	8.37	N/A	N/A	8.37	12.97	
HS Urban	B	300	1900	225	129	96	5.63	N/A	N/A	5.63	9.81	
HS Urban	B	400	1960	240	129	111	5.80	N/A	N/A	5.80	10.80	
HS Urban	B	500	5320	220	129	91	15.75	0.13	0.18	15.88	27.05	Includes area from Wire Rd.
HS Urban	B	600	4660	205	129	76	13.80	0.65	1.02	14.45	22.95	Includes area from Centennial Rd.
HS Urban	B	700	940	165	129	36	2.78	N/A	N/A	2.78	3.56	
HS Urban	B	800	5230	185	129	56	15.49	0.42	1.09	15.91	23.30	Includes area from US 98.
HS Urban	C	1000	4370	210	129	81	12.94	2.91	4.46	15.85	25.53	Includes areas from frontage road & Clinton Ave.
HS Urban	C	1100	1420	230	129	101	4.21	N/A	N/A	4.21	7.50	
HS Urban	D	1200	2970	200	129	71	8.80	0.69	1.04	9.49	14.68	Includes area from Morningside Dr.
HS Urban	D	1300	830	160	129	31	2.46	N/A	N/A	2.46	3.05	

APPENDIX G

POND VOLUME AND AREA CALCULATIONS

US 301 PD&E Study

Open Basins with Wet Detention

Basin	TMDL Volumes (ac*ft)									Attenuation Volume (ac*ft)
	matching natural conditions			80%removal			matching existing conditions			
	Pre-Treatment	Wet Pool	Total	Pre-Treatment	Wet Pool	Total	Pre-Treatment	Wet Pool	Total	
90	1.5	0.05	1.55	0.33	0.63	0.96	0.00	0.18	0.18	0.57
1000	6.37	0.21	6.58	1.41	2.66	4.07	0.40	5.62	6.02	6.29
1100	1.66	0.06	1.72	0.38	0.71	1.09	0.06	1.74	1.80	1.47
1200	3.85	0.12	3.97	0.84	1.59	2.43	0.12	3.95	4.07	3.22

Closed Basins with Wet Detention

Basin	TMDL Volumes (ac*ft)									Attenuation Volume (ac*ft)
	matching natural conditions			80%removal			matching existing conditions			
	Pre-Treatment	Wet Pool	Total	Pre-Treatment	Wet Pool	Total	Pre-Treatment	Wet Pool	Total	
100	9.03	0.26	9.29	1.91	3.66	5.57	0.18	9.63	9.81	9.58

Open Basins with Dry Retention

Basin	TMDL Volumes (ac*ft)			Attenuation Volume (ac*ft)
	matching natural conditions	80%removal		
	Retention Volume	Retention Volume		
1300	>1.02	0.33		0.85

Closed Basins with Dry Retention

Basin	TMDL Volumes (ac*ft)			Attenuation Volume (ac*ft)
	matching natural conditions	80%removal		
	Retention Volume	Retention Volume		
200	4.16	1.13		3.50
300	2.77	0.77		2.37
400	2.82	0.80		2.82
500	7.80	2.16		8.31
600	7.15	1.95		7.22
700	>1.19	0.37		1.49
800	>7.77	2.15		7.44

> indictaes that a greater volume will be needed but cannot be detemined using the 2007 TMDL procedures.

US 301 PD&E Study
Pond Size Estimation

Wet Detention

											Widths				Lengths						Site	Area
Basin	Weir El	Pond Bottom	Depth	Attenuation Volume	Attenuation Area	Attenuation Width	Pre-trtmt Bottom	Pre-trtmt depth	Pre-trtmt volume	pre-trtmt Area	Atten	Berms	Tie-in	Total	Atten	Pre-trtmt	Berms	Inside Berm	Tie-in	Total	Area	Used
100	87.0	83.0	4.0	9.58	2.395	323.00	85.0	2.0	1.91	0.955	323.00	40	8	371.00	323.00	128.79	40.00	28	8	527.79	4.50	4.51
1000	76.0	73.0	3.0	6.29	2.097	302.21	75.0	1.0	1.41	1.41	302.21	40	8	350.21	302.21	203.23	40.00	28	8	581.44	4.67	4.69
1100	76.0	73.0	3.0	1.47	0.490	146.10	75.0	1.0	0.38	0.38	146.10	40	40	226.10	146.10	113.30	40.00	28	30	357.40	1.86	1.91
1200	77.0	75.0	2.0	3.22	1.610	264.82	76.5	0.5	0.84	1.68	264.82	40	50	354.82	264.82	276.34	40.00	28	40	649.16	5.29	5.36

Dry Retention

Basin	Weir El	Bottom E	Depth								Widths				Lengths						Site	
											Atten	Berms	Tie-in	Total	Atten		Berms		Tie-in	Total	Area	
200	120.0	114.0	6.0	3.50	0.583	159.41					159.41	40	60	259.41	159.41		40.00		60	259.41	1.54	1.87
300	88.0	86.5	1.5	2.37	1.580	262.34					262.34	40	60	362.34	262.34		40.00		60	362.34	3.01	3.01
400	88.0	86.6	1.4	2.82	2.014	296.21					296.21	40	60	396.21	296.21		40.00		60	396.21	3.60	3.60
500	104.0	101.8	2.2	8.31	3.777	405.63					405.63	40	50	495.63	405.63		40.00		50	495.63	5.64	5.63
600	86.0	85.4	0.6	7.22	12.033	724.00					724.00	40	40	804.00	724.00		40.00		40	804.00	14.84	14.84
700	113.0	109.0	4.0	1.49	0.373	127.38					127.38	40	48	215.38	127.38		40.00		48	215.38	1.06	2.05
800	94.0	92.1	1.9	7.44	3.916	413.00					413.00	40	40	493.00	413.00		40.00		40	493.00	5.58	5.58
1300	94.0	92.0	2.0	0.85	0.425	136.06					136.06	40	20	196.06	136.06		40.00		20	196.06	0.88	0.88

APPENDIX H

POND DRAWDOWN ANALYSES (CH. 14-86, F.A.C.)

Basins

Name: B100 Node: P100 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 29.700 Time Shift(hrs): 0.00
Curve Number: 80.50 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Nodes

Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: BASE Warn Stage(ft): 87.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	83.000
960.00	83.000

Name: P100 Base Flow(cfs): 0.000 Init Stage(ft): 87.000
Group: BASE Warn Stage(ft): 88.000
Type: Stage/Area

Stage(ft)	Area(ac)
87.000	18.1400
87.500	18.2200

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 83.000
Group: BASE Warn Stage(ft): 87.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	83.000
960.00	83.000

Cross Sections

Name: Group: BASE
Encroachment: No

Station(ft)	Elevation(ft)	Manning's N

Weirs

Name: OUT100 From Node: P100
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

```
                  Span(in): 180.00
                  Rise(in): 999.00
                Invert(ft): 87.500
      Control Elevation(ft): 87.500
                                        TABLE
           Bottom Clip(in): 0.000
              Top Clip(in): 0.000
        Weir Discharge Coef: 3.200
     Orifice Discharge Coef: 0.600


================================================================================
==== Percolation Links =========================================================
================================================================================

        Name: Infiltration        From Node: P100                    Flow: Both
       Group: BASE                  To Node: GW                     Count: 1

        Surface Area Option: Vary based on Stage/Area Table
  Vertical Flow Termination: Horizontal Flow Algorithm
      Aquifer Base Elev(ft): 81.000                  Perimeter 1(ft): 3560.000
       Water Table Elev(ft): 83.000                  Perimeter 2(ft): 4188.000
**************************0.000                     Perimeter 3(ft): 9843.000
 Horiz Conductivity(ft/day): 29.000               Distance 1 to 2(ft): 100.000
  Vert Conductivity(ft/day): 6.500                Distance 2 to 3(ft): 900.000
    Effective Porosity(dec): 0.250                   Num Cells 1 to 2: 20
          Suction Head(in): 0.000                    Num Cells 2 to 3: 90
       Layer Thickness(ft): 4.000


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

        Name: fdot100y10d
    Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

     Override Defaults: Yes
   Storm Duration(hrs): 240.00
         Rainfall File: Fdot-240
   Rainfall Amount(in): 19.50

Time(hrs)       Print Inc(min)
--------------- ---------------
240.000         5.00
960.000         30.00

--------------------------------------------------------------------------------
        Name: fdot100y24h
    Filename: C:\Documents and Settings\aewilson\My Documents\US 301\fdot100y24h.R32

     Override Defaults: Yes
   Storm Duration(hrs): 24.00
         Rainfall File: Fdot-24
   Rainfall Amount(in): 11.00

Time(hrs)       Print Inc(min)
--------------- ---------------
30.000          5.00
960.000         30.00

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

        Name: fdot100y10d         Hydrology Sim: fdot100y10d
    Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

      Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
```

```
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                  End Time(hrs): 960.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
960.000         15.000

Group           Run
--------------- -----
BASE            Yes

------------------------------------------------------------------------------------------------------
         Name: fdot100y24h         Hydrology Sim: fdot100y24h
     Filename: C:\Documents and Settings\aewilson\My Documents\US 301\fdot100y24h.I32

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

       Max Delta Z(ft): 1.00                    Delta Z Factor: 0.00500
    Time Step Optimizer: 10.000
        Start Time(hrs): 0.000                  End Time(hrs): 960.00
     Min Calc Time(sec): 0.5000              Max Calc Time(sec): 60.0000
        Boundary Stages:                        Boundary Flows:


Time(hrs)       Print Inc(min)
--------------- ---------------
960.000         15.000

Group           Run
--------------- -----
BASE            Yes
```

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	0.00	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	0.26	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	0.50	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	0.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	1.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	1.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	1.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	1.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	2.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	2.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	2.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	2.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	3.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	3.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	3.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	3.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	4.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	4.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	4.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	4.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	5.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	5.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	5.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	5.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	6.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	6.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	6.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	6.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	7.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	7.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	7.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	7.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	8.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	8.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	8.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	8.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	9.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	9.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	9.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	9.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	10.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	10.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	10.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	10.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	11.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	11.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	11.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	11.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	12.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	12.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	12.52	87.00	88.00	790178	0.00	0.00	0.0	0.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	12.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	13.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	13.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	13.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	13.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	14.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	14.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	14.52	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	14.77	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	15.02	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	15.27	87.00	88.00	790178	0.00	0.00	0.0	0.0
fdot100y10d	P100	BASE	15.52	87.00	88.00	790178	0.01	0.01	0.0	0.0
fdot100y10d	P100	BASE	15.77	87.00	88.00	790178	0.01	0.01	0.0	0.0
fdot100y10d	P100	BASE	16.02	87.00	88.00	790178	0.02	0.02	0.0	0.0
fdot100y10d	P100	BASE	16.27	87.00	88.00	790178	0.03	0.03	0.0	0.0
fdot100y10d	P100	BASE	16.52	87.00	88.00	790178	0.03	0.03	0.0	0.0
fdot100y10d	P100	BASE	16.77	87.00	88.00	790178	0.04	0.04	0.0	0.0
fdot100y10d	P100	BASE	17.02	87.00	88.00	790178	0.04	0.04	0.0	0.0
fdot100y10d	P100	BASE	17.27	87.00	88.00	790178	0.05	0.05	0.0	0.0
fdot100y10d	P100	BASE	17.52	87.00	88.00	790178	0.05	0.05	0.0	0.0
fdot100y10d	P100	BASE	17.77	87.00	88.00	790178	0.06	0.06	0.0	0.0
fdot100y10d	P100	BASE	18.02	87.00	88.00	790178	0.07	0.07	0.0	0.0
fdot100y10d	P100	BASE	18.27	87.00	88.00	790178	0.07	0.07	0.0	0.0
fdot100y10d	P100	BASE	18.52	87.00	88.00	790178	0.08	0.08	0.0	0.0
fdot100y10d	P100	BASE	18.77	87.00	88.00	790178	0.08	0.08	0.0	0.0
fdot100y10d	P100	BASE	19.02	87.00	88.00	790178	0.09	0.09	0.0	0.0
fdot100y10d	P100	BASE	19.27	87.00	88.00	790178	0.09	0.09	0.0	0.0
fdot100y10d	P100	BASE	19.52	87.00	88.00	790178	0.10	0.10	0.0	0.0
fdot100y10d	P100	BASE	19.77	87.00	88.00	790178	0.10	0.10	0.0	0.0
fdot100y10d	P100	BASE	20.02	87.00	88.00	790178	0.11	0.11	0.0	0.0
fdot100y10d	P100	BASE	20.27	87.00	88.00	790178	0.11	0.11	0.0	0.0
fdot100y10d	P100	BASE	20.52	87.00	88.00	790178	0.12	0.12	0.0	0.0
fdot100y10d	P100	BASE	20.77	87.00	88.00	790178	0.12	0.12	0.0	0.0
fdot100y10d	P100	BASE	21.02	87.00	88.00	790178	0.13	0.13	0.0	0.0
fdot100y10d	P100	BASE	21.27	87.00	88.00	790178	0.13	0.13	0.0	0.0
fdot100y10d	P100	BASE	21.52	87.00	88.00	790178	0.14	0.14	0.0	0.0
fdot100y10d	P100	BASE	21.77	87.00	88.00	790178	0.14	0.14	0.0	0.0
fdot100y10d	P100	BASE	22.02	87.00	88.00	790178	0.15	0.15	0.0	0.0
fdot100y10d	P100	BASE	22.27	87.00	88.00	790178	0.15	0.15	0.0	0.0
fdot100y10d	P100	BASE	22.52	87.00	88.00	790178	0.16	0.16	0.1	0.1
fdot100y10d	P100	BASE	22.77	87.00	88.00	790178	0.16	0.16	0.1	0.1
fdot100y10d	P100	BASE	23.02	87.00	88.00	790178	0.17	0.17	0.1	0.1
fdot100y10d	P100	BASE	23.27	87.00	88.00	790178	0.17	0.17	0.1	0.1
fdot100y10d	P100	BASE	23.52	87.00	88.00	790178	0.18	0.18	0.1	0.1
fdot100y10d	P100	BASE	23.77	87.00	88.00	790178	0.18	0.18	0.1	0.1
fdot100y10d	P100	BASE	24.02	87.00	88.00	790178	0.19	0.19	0.1	0.1
fdot100y10d	P100	BASE	24.27	87.00	88.00	790178	0.32	0.32	0.1	0.1
fdot100y10d	P100	BASE	24.52	87.00	88.00	790179	0.47	0.46	0.1	0.1
fdot100y10d	P100	BASE	24.77	87.00	88.00	790179	0.56	0.56	0.1	0.1
fdot100y10d	P100	BASE	25.02	87.00	88.00	790179	0.63	0.63	0.1	0.1
fdot100y10d	P100	BASE	25.27	87.00	88.00	790179	0.69	0.69	0.1	0.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	25.52	87.00	88.00	790179	0.75	0.75	0.1	0.1
fdot100y10d	P100	BASE	25.77	87.00	88.00	790179	0.79	0.79	0.2	0.2
fdot100y10d	P100	BASE	26.02	87.00	88.00	790179	0.83	0.83	0.2	0.2
fdot100y10d	P100	BASE	26.27	87.00	88.00	790179	0.86	0.86	0.2	0.2
fdot100y10d	P100	BASE	26.52	87.00	88.00	790179	0.90	0.90	0.2	0.2
fdot100y10d	P100	BASE	26.77	87.00	88.00	790179	0.93	0.93	0.2	0.2
fdot100y10d	P100	BASE	27.02	87.00	88.00	790179	0.97	0.96	0.2	0.2
fdot100y10d	P100	BASE	27.27	87.00	88.00	790179	1.00	1.00	0.3	0.3
fdot100y10d	P100	BASE	27.52	87.00	88.00	790179	1.03	1.03	0.3	0.3
fdot100y10d	P100	BASE	27.77	87.00	88.00	790179	1.06	1.06	0.3	0.3
fdot100y10d	P100	BASE	28.02	87.00	88.00	790179	1.09	1.09	0.3	0.3
fdot100y10d	P100	BASE	28.27	87.00	88.00	790179	1.12	1.12	0.4	0.4
fdot100y10d	P100	BASE	28.52	87.00	88.00	790179	1.15	1.15	0.4	0.4
fdot100y10d	P100	BASE	28.77	87.00	88.00	790179	1.17	1.17	0.4	0.4
fdot100y10d	P100	BASE	29.02	87.00	88.00	790179	1.20	1.20	0.4	0.4
fdot100y10d	P100	BASE	29.27	87.00	88.00	790179	1.23	1.23	0.4	0.4
fdot100y10d	P100	BASE	29.52	87.00	88.00	790179	1.25	1.25	0.5	0.5
fdot100y10d	P100	BASE	29.77	87.00	88.00	790179	1.28	1.28	0.5	0.5
fdot100y10d	P100	BASE	30.02	87.00	88.00	790179	1.30	1.30	0.5	0.5
fdot100y10d	P100	BASE	30.27	87.00	88.00	790179	1.33	1.33	0.6	0.6
fdot100y10d	P100	BASE	30.52	87.00	88.00	790179	1.35	1.35	0.6	0.6
fdot100y10d	P100	BASE	30.77	87.00	88.00	790179	1.37	1.37	0.6	0.6
fdot100y10d	P100	BASE	31.02	87.00	88.00	790179	1.39	1.39	0.6	0.6
fdot100y10d	P100	BASE	31.27	87.00	88.00	790179	1.42	1.42	0.7	0.7
fdot100y10d	P100	BASE	31.52	87.00	88.00	790179	1.44	1.44	0.7	0.7
fdot100y10d	P100	BASE	31.77	87.00	88.00	790179	1.46	1.46	0.7	0.7
fdot100y10d	P100	BASE	32.02	87.00	88.00	790179	1.52	1.51	0.8	0.8
fdot100y10d	P100	BASE	32.27	87.00	88.00	790179	2.87	2.84	0.8	0.8
fdot100y10d	P100	BASE	32.52	87.00	88.00	790180	4.22	4.20	0.9	0.9
fdot100y10d	P100	BASE	32.77	87.00	88.00	790180	5.05	5.04	1.0	1.0
fdot100y10d	P100	BASE	33.02	87.00	88.00	790180	5.63	5.62	1.1	1.1
fdot100y10d	P100	BASE	33.27	87.00	88.00	790180	6.10	6.09	1.2	1.2
fdot100y10d	P100	BASE	33.52	87.00	88.00	790180	6.46	6.46	1.3	1.3
fdot100y10d	P100	BASE	33.77	87.00	88.00	790180	6.73	6.73	1.5	1.5
fdot100y10d	P100	BASE	34.02	87.00	88.00	790180	6.94	6.93	1.6	1.6
fdot100y10d	P100	BASE	34.27	87.00	88.00	790180	7.11	7.11	1.8	1.8
fdot100y10d	P100	BASE	34.52	87.00	88.00	790180	7.27	7.26	1.9	1.9
fdot100y10d	P100	BASE	34.77	87.00	88.00	790180	7.42	7.41	2.1	2.1
fdot100y10d	P100	BASE	35.02	87.00	88.00	790180	7.56	7.56	2.2	2.2
fdot100y10d	P100	BASE	35.27	87.00	88.00	790180	7.69	7.69	2.4	2.4
fdot100y10d	P100	BASE	35.52	87.00	88.00	790180	7.81	7.81	2.5	2.5
fdot100y10d	P100	BASE	35.77	87.00	88.00	790180	7.93	7.93	2.7	2.7
fdot100y10d	P100	BASE	36.02	87.00	88.00	790181	8.04	8.04	2.9	2.9
fdot100y10d	P100	BASE	36.27	87.00	88.00	790181	8.14	8.14	3.0	3.0
fdot100y10d	P100	BASE	36.52	87.00	88.00	790181	8.24	8.24	3.2	3.2
fdot100y10d	P100	BASE	36.77	87.00	88.00	790181	8.34	8.34	3.4	3.4
fdot100y10d	P100	BASE	37.02	87.00	88.00	790181	8.42	8.42	3.5	3.5
fdot100y10d	P100	BASE	37.27	87.00	88.00	790181	8.51	8.51	3.7	3.7
fdot100y10d	P100	BASE	37.52	87.00	88.00	790181	8.59	8.59	3.9	3.9
fdot100y10d	P100	BASE	37.77	87.00	88.00	790181	8.66	8.66	4.1	4.1
fdot100y10d	P100	BASE	38.02	87.00	88.00	790181	8.74	8.73	4.2	4.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	38.27	87.00	88.00	790181	8.80	8.80	4.4	4.4
fdot100y10d	P100	BASE	38.52	87.00	88.00	790181	8.87	8.87	4.6	4.6
fdot100y10d	P100	BASE	38.77	87.00	88.00	790181	8.93	8.93	4.8	4.8
fdot100y10d	P100	BASE	39.02	87.00	88.00	790181	8.99	8.99	5.0	5.0
fdot100y10d	P100	BASE	39.27	87.00	88.00	790181	9.05	9.05	5.2	5.2
fdot100y10d	P100	BASE	39.52	87.00	88.00	790181	9.10	9.10	5.4	5.3
fdot100y10d	P100	BASE	39.77	87.00	88.00	790181	9.15	9.15	5.5	5.5
fdot100y10d	P100	BASE	40.02	87.00	88.00	790181	9.16	9.17	5.7	5.7
fdot100y10d	P100	BASE	40.27	87.00	88.00	790180	7.05	7.10	5.9	5.9
fdot100y10d	P100	BASE	40.52	87.00	88.00	790180	4.82	4.85	6.0	6.0
fdot100y10d	P100	BASE	40.77	87.00	88.00	790179	3.63	3.64	6.1	6.1
fdot100y10d	P100	BASE	41.02	87.00	88.00	790179	2.94	2.94	6.2	6.2
fdot100y10d	P100	BASE	41.27	87.00	88.00	790179	2.45	2.46	6.2	6.2
fdot100y10d	P100	BASE	41.52	87.00	88.00	790179	2.14	2.15	6.3	6.3
fdot100y10d	P100	BASE	41.77	87.00	88.00	790179	2.00	2.00	6.3	6.3
fdot100y10d	P100	BASE	42.02	87.00	88.00	790179	1.95	1.95	6.4	6.4
fdot100y10d	P100	BASE	42.27	87.00	88.00	790179	1.95	1.95	6.4	6.4
fdot100y10d	P100	BASE	42.52	87.00	88.00	790179	1.96	1.95	6.4	6.4
fdot100y10d	P100	BASE	42.77	87.00	88.00	790179	1.96	1.96	6.5	6.5
fdot100y10d	P100	BASE	43.02	87.00	88.00	790179	1.96	1.96	6.5	6.5
fdot100y10d	P100	BASE	43.27	87.00	88.00	790179	1.96	1.96	6.6	6.6
fdot100y10d	P100	BASE	43.52	87.00	88.00	790179	1.96	1.96	6.6	6.6
fdot100y10d	P100	BASE	43.77	87.00	88.00	790179	1.96	1.96	6.6	6.6
fdot100y10d	P100	BASE	44.02	87.00	88.00	790179	1.97	1.97	6.7	6.7
fdot100y10d	P100	BASE	44.27	87.00	88.00	790179	1.97	1.97	6.7	6.7
fdot100y10d	P100	BASE	44.52	87.00	88.00	790179	1.97	1.97	6.8	6.8
fdot100y10d	P100	BASE	44.77	87.00	88.00	790179	1.97	1.97	6.8	6.8
fdot100y10d	P100	BASE	45.02	87.00	88.00	790179	1.97	1.97	6.8	6.8
fdot100y10d	P100	BASE	45.27	87.00	88.00	790179	1.97	1.97	6.9	6.9
fdot100y10d	P100	BASE	45.52	87.00	88.00	790179	1.98	1.98	6.9	6.9
fdot100y10d	P100	BASE	45.77	87.00	88.00	790179	1.98	1.98	7.0	7.0
fdot100y10d	P100	BASE	46.02	87.00	88.00	790179	1.98	1.98	7.0	7.0
fdot100y10d	P100	BASE	46.27	87.00	88.00	790179	1.98	1.98	7.1	7.1
fdot100y10d	P100	BASE	46.52	87.00	88.00	790179	1.98	1.98	7.1	7.1
fdot100y10d	P100	BASE	46.77	87.00	88.00	790179	1.98	1.98	7.1	7.1
fdot100y10d	P100	BASE	47.02	87.00	88.00	790179	1.98	1.98	7.2	7.2
fdot100y10d	P100	BASE	47.27	87.00	88.00	790179	1.99	1.99	7.2	7.2
fdot100y10d	P100	BASE	47.52	87.00	88.00	790179	1.99	1.99	7.3	7.3
fdot100y10d	P100	BASE	47.77	87.00	88.00	790179	1.99	1.99	7.3	7.3
fdot100y10d	P100	BASE	48.02	87.00	88.00	790179	1.99	1.99	7.3	7.3
fdot100y10d	P100	BASE	48.27	87.00	88.00	790179	1.91	1.91	7.4	7.4
fdot100y10d	P100	BASE	48.52	87.00	88.00	790179	1.84	1.84	7.4	7.4
fdot100y10d	P100	BASE	48.77	87.00	88.00	790179	1.80	1.80	7.5	7.5
fdot100y10d	P100	BASE	49.02	87.00	88.00	790179	1.77	1.77	7.5	7.5
fdot100y10d	P100	BASE	49.27	87.00	88.00	790179	1.76	1.76	7.5	7.5
fdot100y10d	P100	BASE	49.52	87.00	88.00	790179	1.75	1.75	7.6	7.6
fdot100y10d	P100	BASE	49.77	87.00	88.00	790179	1.74	1.74	7.6	7.6
fdot100y10d	P100	BASE	50.02	87.00	88.00	790179	1.74	1.74	7.6	7.6
fdot100y10d	P100	BASE	50.27	87.00	88.00	790179	1.74	1.74	7.7	7.7
fdot100y10d	P100	BASE	50.52	87.00	88.00	790179	1.75	1.75	7.7	7.7
fdot100y10d	P100	BASE	50.77	87.00	88.00	790179	1.75	1.75	7.7	7.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	51.02	87.00	88.00	790179	1.75	1.75	7.8	7.8
fdot100y10d	P100	BASE	51.27	87.00	88.00	790179	1.75	1.75	7.8	7.8
fdot100y10d	P100	BASE	51.52	87.00	88.00	790179	1.75	1.75	7.9	7.9
fdot100y10d	P100	BASE	51.77	87.00	88.00	790179	1.75	1.75	7.9	7.9
fdot100y10d	P100	BASE	52.02	87.00	88.00	790179	1.75	1.75	7.9	7.9
fdot100y10d	P100	BASE	52.27	87.00	88.00	790179	1.75	1.75	8.0	8.0
fdot100y10d	P100	BASE	52.52	87.00	88.00	790179	1.75	1.75	8.0	8.0
fdot100y10d	P100	BASE	52.77	87.00	88.00	790179	1.75	1.75	8.0	8.0
fdot100y10d	P100	BASE	53.02	87.00	88.00	790179	1.76	1.76	8.1	8.1
fdot100y10d	P100	BASE	53.27	87.00	88.00	790179	1.76	1.76	8.1	8.1
fdot100y10d	P100	BASE	53.52	87.00	88.00	790179	1.76	1.76	8.1	8.1
fdot100y10d	P100	BASE	53.77	87.00	88.00	790179	1.76	1.76	8.2	8.2
fdot100y10d	P100	BASE	54.02	87.00	88.00	790179	1.76	1.76	8.2	8.2
fdot100y10d	P100	BASE	54.27	87.00	88.00	790179	1.76	1.76	8.3	8.3
fdot100y10d	P100	BASE	54.52	87.00	88.00	790179	1.76	1.76	8.3	8.3
fdot100y10d	P100	BASE	54.77	87.00	88.00	790179	1.76	1.76	8.3	8.3
fdot100y10d	P100	BASE	55.02	87.00	88.00	790179	1.76	1.76	8.4	8.4
fdot100y10d	P100	BASE	55.27	87.00	88.00	790179	1.76	1.76	8.4	8.4
fdot100y10d	P100	BASE	55.52	87.00	88.00	790179	1.76	1.76	8.4	8.4
fdot100y10d	P100	BASE	55.77	87.00	88.00	790179	1.77	1.77	8.5	8.5
fdot100y10d	P100	BASE	56.02	87.00	88.00	790179	1.77	1.77	8.5	8.5
fdot100y10d	P100	BASE	56.27	87.00	88.00	790179	1.74	1.75	8.5	8.5
fdot100y10d	P100	BASE	56.52	87.00	88.00	790179	1.72	1.72	8.6	8.6
fdot100y10d	P100	BASE	56.77	87.00	88.00	790179	1.71	1.71	8.6	8.6
fdot100y10d	P100	BASE	57.02	87.00	88.00	790179	1.71	1.71	8.7	8.7
fdot100y10d	P100	BASE	57.27	87.00	88.00	790179	1.70	1.70	8.7	8.7
fdot100y10d	P100	BASE	57.52	87.00	88.00	790179	1.70	1.70	8.7	8.7
fdot100y10d	P100	BASE	57.77	87.00	88.00	790179	1.70	1.70	8.8	8.8
fdot100y10d	P100	BASE	58.02	87.00	88.00	790179	1.70	1.70	8.8	8.8
fdot100y10d	P100	BASE	58.27	87.00	88.00	790179	1.70	1.70	8.8	8.8
fdot100y10d	P100	BASE	58.52	87.00	88.00	790179	1.70	1.70	8.9	8.9
fdot100y10d	P100	BASE	58.77	87.00	88.00	790179	1.70	1.70	8.9	8.9
fdot100y10d	P100	BASE	59.02	87.00	88.00	790179	1.71	1.71	8.9	8.9
fdot100y10d	P100	BASE	59.27	87.00	88.00	790179	1.71	1.71	9.0	9.0
fdot100y10d	P100	BASE	59.52	87.00	88.00	790179	1.71	1.71	9.0	9.0
fdot100y10d	P100	BASE	59.77	87.00	88.00	790179	1.71	1.71	9.0	9.0
fdot100y10d	P100	BASE	60.02	87.00	88.00	790179	1.71	1.71	9.1	9.1
fdot100y10d	P100	BASE	60.27	87.00	88.00	790179	1.71	1.71	9.1	9.1
fdot100y10d	P100	BASE	60.52	87.00	88.00	790179	1.71	1.71	9.1	9.1
fdot100y10d	P100	BASE	60.77	87.00	88.00	790179	1.71	1.71	9.2	9.2
fdot100y10d	P100	BASE	61.02	87.00	88.00	790179	1.71	1.71	9.2	9.2
fdot100y10d	P100	BASE	61.27	87.00	88.00	790179	1.71	1.71	9.3	9.3
fdot100y10d	P100	BASE	61.52	87.00	88.00	790179	1.71	1.71	9.3	9.3
fdot100y10d	P100	BASE	61.77	87.00	88.00	790179	1.71	1.71	9.3	9.3
fdot100y10d	P100	BASE	62.02	87.00	88.00	790179	1.71	1.71	9.4	9.4
fdot100y10d	P100	BASE	62.27	87.00	88.00	790179	1.72	1.72	9.4	9.4
fdot100y10d	P100	BASE	62.52	87.00	88.00	790179	1.72	1.72	9.4	9.4
fdot100y10d	P100	BASE	62.77	87.00	88.00	790179	1.72	1.72	9.5	9.5
fdot100y10d	P100	BASE	63.02	87.00	88.00	790179	1.72	1.72	9.5	9.5
fdot100y10d	P100	BASE	63.27	87.00	88.00	790179	1.72	1.72	9.5	9.5
fdot100y10d	P100	BASE	63.52	87.00	88.00	790179	1.72	1.72	9.6	9.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	63.77	87.00	88.00	790179	1.72	1.72	9.6	9.6
fdot100y10d	P100	BASE	64.02	87.00	88.00	790179	1.72	1.72	9.6	9.6
fdot100y10d	P100	BASE	64.27	87.00	88.00	790179	1.74	1.74	9.7	9.7
fdot100y10d	P100	BASE	64.52	87.00	88.00	790179	1.76	1.76	9.7	9.7
fdot100y10d	P100	BASE	64.77	87.00	88.00	790179	1.78	1.78	9.7	9.7
fdot100y10d	P100	BASE	65.02	87.00	88.00	790179	1.78	1.78	9.8	9.8
fdot100y10d	P100	BASE	65.27	87.00	88.00	790179	1.79	1.79	9.8	9.8
fdot100y10d	P100	BASE	65.52	87.00	88.00	790179	1.79	1.79	9.9	9.9
fdot100y10d	P100	BASE	65.77	87.00	88.00	790179	1.80	1.80	9.9	9.9
fdot100y10d	P100	BASE	66.02	87.00	88.00	790179	1.80	1.80	9.9	9.9
fdot100y10d	P100	BASE	66.27	87.00	88.00	790179	1.80	1.80	10.0	10.0
fdot100y10d	P100	BASE	66.52	87.00	88.00	790179	1.80	1.80	10.0	10.0
fdot100y10d	P100	BASE	66.77	87.00	88.00	790179	1.80	1.80	10.0	10.0
fdot100y10d	P100	BASE	67.02	87.00	88.00	790179	1.80	1.80	10.1	10.1
fdot100y10d	P100	BASE	67.27	87.00	88.00	790179	1.80	1.80	10.1	10.1
fdot100y10d	P100	BASE	67.52	87.00	88.00	790179	1.80	1.80	10.2	10.2
fdot100y10d	P100	BASE	67.77	87.00	88.00	790179	1.80	1.80	10.2	10.2
fdot100y10d	P100	BASE	68.02	87.00	88.00	790179	1.80	1.80	10.2	10.2
fdot100y10d	P100	BASE	68.27	87.00	88.00	790179	1.80	1.80	10.3	10.3
fdot100y10d	P100	BASE	68.52	87.00	88.00	790179	1.80	1.80	10.3	10.3
fdot100y10d	P100	BASE	68.77	87.00	88.00	790179	1.81	1.81	10.3	10.3
fdot100y10d	P100	BASE	69.02	87.00	88.00	790179	1.81	1.81	10.4	10.4
fdot100y10d	P100	BASE	69.27	87.00	88.00	790179	1.81	1.81	10.4	10.4
fdot100y10d	P100	BASE	69.52	87.00	88.00	790179	1.81	1.81	10.5	10.5
fdot100y10d	P100	BASE	69.77	87.00	88.00	790179	1.81	1.81	10.5	10.5
fdot100y10d	P100	BASE	70.02	87.00	88.00	790179	1.81	1.81	10.5	10.5
fdot100y10d	P100	BASE	70.27	87.00	88.00	790179	1.81	1.81	10.6	10.6
fdot100y10d	P100	BASE	70.52	87.00	88.00	790179	1.81	1.81	10.6	10.6
fdot100y10d	P100	BASE	70.77	87.00	88.00	790179	1.81	1.81	10.6	10.6
fdot100y10d	P100	BASE	71.02	87.00	88.00	790179	1.81	1.81	10.7	10.7
fdot100y10d	P100	BASE	71.27	87.00	88.00	790179	1.81	1.81	10.7	10.7
fdot100y10d	P100	BASE	71.52	87.00	88.00	790179	1.81	1.81	10.8	10.8
fdot100y10d	P100	BASE	71.77	87.00	88.00	790179	1.81	1.81	10.8	10.8
fdot100y10d	P100	BASE	72.02	87.00	88.00	790179	1.80	1.81	10.8	10.8
fdot100y10d	P100	BASE	72.27	87.00	88.00	790179	1.40	1.40	10.9	10.9
fdot100y10d	P100	BASE	72.52	87.00	88.00	790179	0.99	1.00	10.9	10.9
fdot100y10d	P100	BASE	72.77	87.00	88.00	790179	0.78	0.78	10.9	10.9
fdot100y10d	P100	BASE	73.02	87.00	88.00	790179	0.65	0.65	10.9	10.9
fdot100y10d	P100	BASE	73.27	87.00	88.00	790179	0.56	0.56	10.9	10.9
fdot100y10d	P100	BASE	73.52	87.00	88.00	790179	0.51	0.51	10.9	10.9
fdot100y10d	P100	BASE	73.77	87.00	88.00	790179	0.48	0.48	11.0	11.0
fdot100y10d	P100	BASE	74.02	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	74.27	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	74.52	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	74.77	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	75.02	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	75.27	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	75.52	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	75.77	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	76.02	87.00	88.00	790179	0.47	0.47	11.0	11.0
fdot100y10d	P100	BASE	76.27	87.00	88.00	790179	0.47	0.47	11.1	11.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	76.52	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	76.77	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	77.02	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	77.27	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	77.52	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	77.77	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	78.02	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	78.27	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	78.52	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	78.77	87.00	88.00	790179	0.47	0.47	11.1	11.1
fdot100y10d	P100	BASE	79.02	87.00	88.00	790179	0.47	0.47	11.2	11.2
fdot100y10d	P100	BASE	79.27	87.00	88.00	790179	0.47	0.47	11.2	11.2
fdot100y10d	P100	BASE	79.52	87.00	88.00	790179	0.47	0.47	11.2	11.2
fdot100y10d	P100	BASE	79.77	87.00	88.00	790179	0.47	0.47	11.2	11.2
fdot100y10d	P100	BASE	80.02	87.00	88.00	790179	0.47	0.47	11.2	11.2
fdot100y10d	P100	BASE	80.27	87.00	88.00	790179	0.45	0.45	11.2	11.2
fdot100y10d	P100	BASE	80.52	87.00	88.00	790179	0.43	0.43	11.2	11.2
fdot100y10d	P100	BASE	80.77	87.00	88.00	790179	0.42	0.42	11.2	11.2
fdot100y10d	P100	BASE	81.02	87.00	88.00	790179	0.41	0.41	11.2	11.2
fdot100y10d	P100	BASE	81.27	87.00	88.00	790179	0.41	0.41	11.2	11.2
fdot100y10d	P100	BASE	81.52	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	81.77	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	82.02	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	82.27	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	82.52	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	82.77	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	83.02	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	83.27	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	83.52	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	83.77	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	84.02	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	84.27	87.00	88.00	790179	0.40	0.40	11.3	11.3
fdot100y10d	P100	BASE	84.52	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	84.77	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	85.02	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	85.27	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	85.52	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	85.77	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	86.02	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	86.27	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	86.52	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	86.77	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	87.02	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	87.27	87.00	88.00	790179	0.40	0.40	11.4	11.4
fdot100y10d	P100	BASE	87.52	87.00	88.00	790179	0.40	0.40	11.5	11.5
fdot100y10d	P100	BASE	87.77	87.00	88.00	790179	0.40	0.40	11.5	11.5
fdot100y10d	P100	BASE	88.02	87.00	88.00	790179	0.40	0.40	11.5	11.5
fdot100y10d	P100	BASE	88.27	87.00	88.00	790179	0.42	0.42	11.5	11.5
fdot100y10d	P100	BASE	88.52	87.00	88.00	790179	0.45	0.45	11.5	11.5
fdot100y10d	P100	BASE	88.77	87.00	88.00	790179	0.46	0.46	11.5	11.5
fdot100y10d	P100	BASE	89.02	87.00	88.00	790179	0.46	0.46	11.5	11.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	89.27	87.00	88.00	790179	0.47	0.47	11.5	11.5
fdot100y10d	P100	BASE	89.52	87.00	88.00	790179	0.47	0.47	11.5	11.5
fdot100y10d	P100	BASE	89.77	87.00	88.00	790179	0.47	0.47	11.5	11.5
fdot100y10d	P100	BASE	90.02	87.00	88.00	790179	0.47	0.47	11.5	11.5
fdot100y10d	P100	BASE	90.27	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	90.52	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	90.77	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	91.02	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	91.27	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	91.52	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	91.77	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	92.02	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	92.27	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	92.52	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	92.77	87.00	88.00	790179	0.47	0.47	11.6	11.6
fdot100y10d	P100	BASE	93.02	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	93.27	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	93.52	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	93.77	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	94.02	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	94.27	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	94.52	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	94.77	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	95.02	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	95.27	87.00	88.00	790179	0.47	0.47	11.7	11.7
fdot100y10d	P100	BASE	95.52	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	95.77	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	96.02	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	96.27	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	96.52	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	96.77	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	97.02	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	97.27	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	97.52	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	97.77	87.00	88.00	790179	0.47	0.47	11.8	11.8
fdot100y10d	P100	BASE	98.02	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	98.27	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	98.52	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	98.77	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	99.02	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	99.27	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	99.52	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	99.77	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	100.02	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	100.27	87.00	88.00	790179	0.47	0.47	11.9	11.9
fdot100y10d	P100	BASE	100.52	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	100.77	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	101.02	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	101.27	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	101.52	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	101.77	87.00	88.00	790179	0.47	0.47	12.0	12.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	102.02	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	102.27	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	102.52	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	102.77	87.00	88.00	790179	0.47	0.47	12.0	12.0
fdot100y10d	P100	BASE	103.02	87.00	88.00	790179	0.47	0.47	12.1	12.1
fdot100y10d	P100	BASE	103.27	87.00	88.00	790179	0.47	0.47	12.1	12.1
fdot100y10d	P100	BASE	103.52	87.00	88.00	790179	0.47	0.47	12.1	12.1
fdot100y10d	P100	BASE	103.77	87.00	88.00	790179	0.47	0.47	12.1	12.1
fdot100y10d	P100	BASE	104.02	87.00	88.00	790179	0.47	0.47	12.1	12.1
fdot100y10d	P100	BASE	104.27	87.00	88.00	790179	0.45	0.45	12.1	12.1
fdot100y10d	P100	BASE	104.52	87.00	88.00	790179	0.43	0.43	12.1	12.1
fdot100y10d	P100	BASE	104.77	87.00	88.00	790179	0.42	0.42	12.1	12.1
fdot100y10d	P100	BASE	105.02	87.00	88.00	790179	0.42	0.42	12.1	12.1
fdot100y10d	P100	BASE	105.27	87.00	88.00	790179	0.41	0.41	12.1	12.1
fdot100y10d	P100	BASE	105.52	87.00	88.00	790179	0.41	0.41	12.1	12.1
fdot100y10d	P100	BASE	105.77	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	106.02	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	106.27	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	106.52	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	106.77	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	107.02	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	107.27	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	107.52	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	107.77	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	108.02	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	108.27	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	108.52	87.00	88.00	790179	0.41	0.41	12.2	12.2
fdot100y10d	P100	BASE	108.77	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	109.02	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	109.27	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	109.52	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	109.77	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	110.02	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	110.27	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	110.52	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	110.77	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	111.02	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	111.27	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	111.52	87.00	88.00	790179	0.41	0.41	12.3	12.3
fdot100y10d	P100	BASE	111.77	87.00	88.00	790179	0.41	0.41	12.4	12.4
fdot100y10d	P100	BASE	112.02	87.00	88.00	790179	0.41	0.41	12.4	12.4
fdot100y10d	P100	BASE	112.27	87.00	88.00	790179	0.43	0.43	12.4	12.4
fdot100y10d	P100	BASE	112.52	87.00	88.00	790179	0.45	0.45	12.4	12.4
fdot100y10d	P100	BASE	112.77	87.00	88.00	790179	0.46	0.46	12.4	12.4
fdot100y10d	P100	BASE	113.02	87.00	88.00	790179	0.47	0.47	12.4	12.4
fdot100y10d	P100	BASE	113.27	87.00	88.00	790179	0.47	0.47	12.4	12.4
fdot100y10d	P100	BASE	113.52	87.00	88.00	790179	0.47	0.47	12.4	12.4
fdot100y10d	P100	BASE	113.77	87.00	88.00	790179	0.48	0.48	12.4	12.4
fdot100y10d	P100	BASE	114.02	87.00	88.00	790179	0.48	0.48	12.4	12.4
fdot100y10d	P100	BASE	114.27	87.00	88.00	790179	0.48	0.48	12.4	12.4
fdot100y10d	P100	BASE	114.52	87.00	88.00	790179	0.48	0.48	12.5	12.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	114.77	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	115.02	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	115.27	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	115.52	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	115.77	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	116.02	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	116.27	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	116.52	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	116.77	87.00	88.00	790179	0.48	0.48	12.5	12.5
fdot100y10d	P100	BASE	117.02	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	117.27	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	117.52	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	117.77	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	118.02	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	118.27	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	118.52	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	118.77	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	119.02	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	119.27	87.00	88.00	790179	0.48	0.48	12.6	12.6
fdot100y10d	P100	BASE	119.52	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	119.77	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	120.02	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	120.27	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	120.52	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	120.77	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	121.02	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	121.27	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	121.52	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	121.77	87.00	88.00	790179	0.48	0.48	12.7	12.7
fdot100y10d	P100	BASE	122.02	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	122.27	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	122.52	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	122.77	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	123.02	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	123.27	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	123.52	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	123.77	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	124.02	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	124.27	87.00	88.00	790179	0.48	0.48	12.8	12.8
fdot100y10d	P100	BASE	124.52	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	124.77	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	125.02	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	125.27	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	125.52	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	125.77	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	126.02	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	126.27	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	126.52	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	126.77	87.00	88.00	790179	0.48	0.48	12.9	12.9
fdot100y10d	P100	BASE	127.02	87.00	88.00	790179	0.48	0.48	13.0	13.0
fdot100y10d	P100	BASE	127.27	87.00	88.00	790179	0.48	0.48	13.0	13.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	127.52	87.00	88.00	790179	0.48	0.48	13.0	13.0
fdot100y10d	P100	BASE	127.77	87.00	88.00	790179	0.48	0.48	13.0	13.0
fdot100y10d	P100	BASE	128.02	87.00	88.00	790179	0.48	0.48	13.0	13.0
fdot100y10d	P100	BASE	128.27	87.00	88.00	790179	0.46	0.46	13.0	13.0
fdot100y10d	P100	BASE	128.52	87.00	88.00	790179	0.44	0.44	13.0	13.0
fdot100y10d	P100	BASE	128.77	87.00	88.00	790179	0.42	0.42	13.0	13.0
fdot100y10d	P100	BASE	129.02	87.00	88.00	790179	0.42	0.42	13.0	13.0
fdot100y10d	P100	BASE	129.27	87.00	88.00	790179	0.41	0.41	13.0	13.0
fdot100y10d	P100	BASE	129.52	87.00	88.00	790179	0.41	0.41	13.0	13.0
fdot100y10d	P100	BASE	129.77	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	130.02	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	130.27	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	130.52	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	130.77	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	131.02	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	131.27	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	131.52	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	131.77	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	132.02	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	132.27	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	132.52	87.00	88.00	790179	0.41	0.41	13.1	13.1
fdot100y10d	P100	BASE	132.77	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	133.02	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	133.27	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	133.52	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	133.77	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	134.02	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	134.27	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	134.52	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	134.77	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	135.02	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	135.27	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	135.52	87.00	88.00	790179	0.41	0.41	13.2	13.2
fdot100y10d	P100	BASE	135.77	87.00	88.00	790179	0.41	0.41	13.3	13.3
fdot100y10d	P100	BASE	136.02	87.00	88.00	790179	0.41	0.41	13.3	13.3
fdot100y10d	P100	BASE	136.27	87.00	88.00	790179	0.43	0.43	13.3	13.3
fdot100y10d	P100	BASE	136.52	87.00	88.00	790179	0.45	0.45	13.3	13.3
fdot100y10d	P100	BASE	136.77	87.00	88.00	790179	0.46	0.46	13.3	13.3
fdot100y10d	P100	BASE	137.02	87.00	88.00	790179	0.47	0.47	13.3	13.3
fdot100y10d	P100	BASE	137.27	87.00	88.00	790179	0.47	0.47	13.3	13.3
fdot100y10d	P100	BASE	137.52	87.00	88.00	790179	0.48	0.48	13.3	13.3
fdot100y10d	P100	BASE	137.77	87.00	88.00	790179	0.48	0.48	13.3	13.3
fdot100y10d	P100	BASE	138.02	87.00	88.00	790179	0.48	0.48	13.3	13.3
fdot100y10d	P100	BASE	138.27	87.00	88.00	790179	0.48	0.48	13.3	13.3
fdot100y10d	P100	BASE	138.52	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	138.77	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	139.02	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	139.27	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	139.52	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	139.77	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	140.02	87.00	88.00	790179	0.48	0.48	13.4	13.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	140.27	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	140.52	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	140.77	87.00	88.00	790179	0.48	0.48	13.4	13.4
fdot100y10d	P100	BASE	141.02	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	141.27	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	141.52	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	141.77	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	142.02	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	142.27	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	142.52	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	142.77	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	143.02	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	143.27	87.00	88.00	790179	0.48	0.48	13.5	13.5
fdot100y10d	P100	BASE	143.52	87.00	88.00	790179	0.48	0.48	13.6	13.6
fdot100y10d	P100	BASE	143.77	87.00	88.00	790179	0.48	0.48	13.6	13.6
fdot100y10d	P100	BASE	144.02	87.00	88.00	790179	0.49	0.48	13.6	13.6
fdot100y10d	P100	BASE	144.27	87.00	88.00	790179	0.76	0.75	13.6	13.6
fdot100y10d	P100	BASE	144.52	87.00	88.00	790179	1.02	1.02	13.6	13.6
fdot100y10d	P100	BASE	144.77	87.00	88.00	790179	1.17	1.17	13.6	13.6
fdot100y10d	P100	BASE	145.02	87.00	88.00	790179	1.25	1.25	13.7	13.7
fdot100y10d	P100	BASE	145.27	87.00	88.00	790179	1.31	1.31	13.7	13.7
fdot100y10d	P100	BASE	145.52	87.00	88.00	790179	1.35	1.35	13.7	13.7
fdot100y10d	P100	BASE	145.77	87.00	88.00	790179	1.37	1.37	13.7	13.7
fdot100y10d	P100	BASE	146.02	87.00	88.00	790179	1.37	1.37	13.8	13.8
fdot100y10d	P100	BASE	146.27	87.00	88.00	790179	1.37	1.37	13.8	13.8
fdot100y10d	P100	BASE	146.52	87.00	88.00	790179	1.37	1.37	13.8	13.8
fdot100y10d	P100	BASE	146.77	87.00	88.00	790179	1.37	1.37	13.9	13.9
fdot100y10d	P100	BASE	147.02	87.00	88.00	790179	1.37	1.37	13.9	13.9
fdot100y10d	P100	BASE	147.27	87.00	88.00	790179	1.37	1.37	13.9	13.9
fdot100y10d	P100	BASE	147.52	87.00	88.00	790179	1.37	1.37	13.9	13.9
fdot100y10d	P100	BASE	147.77	87.00	88.00	790179	1.37	1.37	14.0	14.0
fdot100y10d	P100	BASE	148.02	87.00	88.00	790179	1.37	1.37	14.0	14.0
fdot100y10d	P100	BASE	148.27	87.00	88.00	790179	1.37	1.37	14.0	14.0
fdot100y10d	P100	BASE	148.52	87.00	88.00	790179	1.37	1.37	14.0	14.0
fdot100y10d	P100	BASE	148.77	87.00	88.00	790179	1.37	1.37	14.1	14.1
fdot100y10d	P100	BASE	149.02	87.00	88.00	790179	1.37	1.37	14.1	14.1
fdot100y10d	P100	BASE	149.27	87.00	88.00	790179	1.37	1.37	14.1	14.1
fdot100y10d	P100	BASE	149.52	87.00	88.00	790179	1.37	1.37	14.2	14.2
fdot100y10d	P100	BASE	149.77	87.00	88.00	790179	1.38	1.38	14.2	14.2
fdot100y10d	P100	BASE	150.02	87.00	88.00	790179	1.38	1.38	14.2	14.2
fdot100y10d	P100	BASE	150.27	87.00	88.00	790179	1.38	1.38	14.2	14.2
fdot100y10d	P100	BASE	150.52	87.00	88.00	790179	1.38	1.38	14.3	14.3
fdot100y10d	P100	BASE	150.77	87.00	88.00	790179	1.38	1.38	14.3	14.3
fdot100y10d	P100	BASE	151.02	87.00	88.00	790179	1.38	1.38	14.3	14.3
fdot100y10d	P100	BASE	151.27	87.00	88.00	790179	1.38	1.38	14.4	14.4
fdot100y10d	P100	BASE	151.52	87.00	88.00	790179	1.38	1.38	14.4	14.4
fdot100y10d	P100	BASE	151.77	87.00	88.00	790179	1.38	1.38	14.4	14.4
fdot100y10d	P100	BASE	152.02	87.00	88.00	790179	1.38	1.38	14.4	14.4
fdot100y10d	P100	BASE	152.27	87.00	88.00	790179	1.38	1.38	14.5	14.5
fdot100y10d	P100	BASE	152.52	87.00	88.00	790179	1.37	1.37	14.5	14.5
fdot100y10d	P100	BASE	152.77	87.00	88.00	790179	1.37	1.37	14.5	14.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	153.02	87.00	88.00	790179	1.37	1.37	14.6	14.6
fdot100y10d	P100	BASE	153.27	87.00	88.00	790179	1.37	1.37	14.6	14.6
fdot100y10d	P100	BASE	153.52	87.00	88.00	790179	1.37	1.37	14.6	14.6
fdot100y10d	P100	BASE	153.77	87.00	88.00	790179	1.37	1.37	14.6	14.6
fdot100y10d	P100	BASE	154.02	87.00	88.00	790179	1.37	1.37	14.7	14.7
fdot100y10d	P100	BASE	154.27	87.00	88.00	790179	1.37	1.37	14.7	14.7
fdot100y10d	P100	BASE	154.52	87.00	88.00	790179	1.37	1.37	14.7	14.7
fdot100y10d	P100	BASE	154.77	87.00	88.00	790179	1.37	1.37	14.8	14.8
fdot100y10d	P100	BASE	155.02	87.00	88.00	790179	1.38	1.38	14.8	14.8
fdot100y10d	P100	BASE	155.27	87.00	88.00	790179	1.38	1.38	14.8	14.8
fdot100y10d	P100	BASE	155.52	87.00	88.00	790179	1.38	1.38	14.8	14.8
fdot100y10d	P100	BASE	155.77	87.00	88.00	790179	1.38	1.38	14.9	14.9
fdot100y10d	P100	BASE	156.02	87.00	88.00	790179	1.38	1.38	14.9	14.9
fdot100y10d	P100	BASE	156.27	87.00	88.00	790179	1.38	1.38	14.9	14.9
fdot100y10d	P100	BASE	156.52	87.00	88.00	790179	1.38	1.38	15.0	15.0
fdot100y10d	P100	BASE	156.77	87.00	88.00	790179	1.38	1.38	15.0	15.0
fdot100y10d	P100	BASE	157.02	87.00	88.00	790179	1.38	1.38	15.0	15.0
fdot100y10d	P100	BASE	157.27	87.00	88.00	790179	1.38	1.38	15.0	15.0
fdot100y10d	P100	BASE	157.52	87.00	88.00	790179	1.38	1.38	15.1	15.1
fdot100y10d	P100	BASE	157.77	87.00	88.00	790179	1.38	1.38	15.1	15.1
fdot100y10d	P100	BASE	158.02	87.00	88.00	790179	1.38	1.38	15.1	15.1
fdot100y10d	P100	BASE	158.27	87.00	88.00	790179	1.38	1.38	15.2	15.2
fdot100y10d	P100	BASE	158.52	87.00	88.00	790179	1.38	1.38	15.2	15.2
fdot100y10d	P100	BASE	158.77	87.00	88.00	790179	1.38	1.38	15.2	15.2
fdot100y10d	P100	BASE	159.02	87.00	88.00	790179	1.38	1.38	15.2	15.2
fdot100y10d	P100	BASE	159.27	87.00	88.00	790179	1.38	1.38	15.3	15.3
fdot100y10d	P100	BASE	159.52	87.00	88.00	790179	1.38	1.38	15.3	15.3
fdot100y10d	P100	BASE	159.77	87.00	88.00	790179	1.38	1.38	15.3	15.3
fdot100y10d	P100	BASE	160.02	87.00	88.00	790179	1.38	1.38	15.4	15.4
fdot100y10d	P100	BASE	160.27	87.00	88.00	790179	1.38	1.38	15.4	15.4
fdot100y10d	P100	BASE	160.52	87.00	88.00	790179	1.38	1.38	15.4	15.4
fdot100y10d	P100	BASE	160.77	87.00	88.00	790179	1.38	1.38	15.4	15.4
fdot100y10d	P100	BASE	161.02	87.00	88.00	790179	1.38	1.38	15.5	15.5
fdot100y10d	P100	BASE	161.27	87.00	88.00	790179	1.38	1.38	15.5	15.5
fdot100y10d	P100	BASE	161.52	87.00	88.00	790179	1.38	1.38	15.5	15.5
fdot100y10d	P100	BASE	161.77	87.00	88.00	790179	1.38	1.38	15.6	15.6
fdot100y10d	P100	BASE	162.02	87.00	88.00	790179	1.38	1.38	15.6	15.6
fdot100y10d	P100	BASE	162.27	87.00	88.00	790179	1.38	1.38	15.6	15.6
fdot100y10d	P100	BASE	162.52	87.00	88.00	790179	1.38	1.38	15.6	15.6
fdot100y10d	P100	BASE	162.77	87.00	88.00	790179	1.39	1.39	15.7	15.7
fdot100y10d	P100	BASE	163.02	87.00	88.00	790179	1.39	1.39	15.7	15.7
fdot100y10d	P100	BASE	163.27	87.00	88.00	790179	1.39	1.39	15.7	15.7
fdot100y10d	P100	BASE	163.52	87.00	88.00	790179	1.39	1.39	15.8	15.8
fdot100y10d	P100	BASE	163.77	87.00	88.00	790179	1.39	1.39	15.8	15.8
fdot100y10d	P100	BASE	164.02	87.00	88.00	790179	1.39	1.39	15.8	15.8
fdot100y10d	P100	BASE	164.27	87.00	88.00	790179	1.39	1.39	15.8	15.8
fdot100y10d	P100	BASE	164.52	87.00	88.00	790179	1.39	1.39	15.9	15.9
fdot100y10d	P100	BASE	164.77	87.00	88.00	790179	1.39	1.39	15.9	15.9
fdot100y10d	P100	BASE	165.02	87.00	88.00	790179	1.39	1.39	15.9	15.9
fdot100y10d	P100	BASE	165.27	87.00	88.00	790179	1.39	1.39	16.0	16.0
fdot100y10d	P100	BASE	165.52	87.00	88.00	790179	1.39	1.39	16.0	16.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	165.77	87.00	88.00	790179	1.39	1.39	16.0	16.0
fdot100y10d	P100	BASE	166.02	87.00	88.00	790179	1.39	1.39	16.0	16.0
fdot100y10d	P100	BASE	166.27	87.00	88.00	790179	1.39	1.39	16.1	16.1
fdot100y10d	P100	BASE	166.52	87.00	88.00	790179	1.39	1.39	16.1	16.1
fdot100y10d	P100	BASE	166.77	87.00	88.00	790179	1.39	1.39	16.1	16.1
fdot100y10d	P100	BASE	167.02	87.00	88.00	790179	1.39	1.39	16.2	16.2
fdot100y10d	P100	BASE	167.27	87.00	88.00	790179	1.39	1.39	16.2	16.2
fdot100y10d	P100	BASE	167.52	87.00	88.00	790179	1.39	1.39	16.2	16.2
fdot100y10d	P100	BASE	167.77	87.00	88.00	790179	1.39	1.39	16.2	16.2
fdot100y10d	P100	BASE	168.02	87.00	88.00	790179	1.42	1.41	16.3	16.3
fdot100y10d	P100	BASE	168.27	87.00	88.00	790179	2.51	2.49	16.3	16.3
fdot100y10d	P100	BASE	168.52	87.00	88.00	790179	3.60	3.58	16.4	16.4
fdot100y10d	P100	BASE	168.77	87.00	88.00	790180	4.18	4.17	16.5	16.5
fdot100y10d	P100	BASE	169.02	87.00	88.00	790180	4.52	4.52	16.5	16.5
fdot100y10d	P100	BASE	169.27	87.00	88.00	790180	4.76	4.76	16.6	16.6
fdot100y10d	P100	BASE	169.52	87.00	88.00	790180	4.91	4.91	16.7	16.7
fdot100y10d	P100	BASE	169.77	87.00	88.00	790180	4.99	4.99	16.8	16.8
fdot100y10d	P100	BASE	170.02	87.00	88.00	790180	5.01	5.01	16.9	16.9
fdot100y10d	P100	BASE	170.27	87.00	88.00	790180	5.01	5.01	17.1	17.1
fdot100y10d	P100	BASE	170.52	87.00	88.00	790180	5.02	5.02	17.2	17.2
fdot100y10d	P100	BASE	170.77	87.00	88.00	790180	5.02	5.02	17.3	17.3
fdot100y10d	P100	BASE	171.02	87.00	88.00	790180	5.02	5.02	17.4	17.4
fdot100y10d	P100	BASE	171.27	87.00	88.00	790180	5.02	5.02	17.5	17.5
fdot100y10d	P100	BASE	171.52	87.00	88.00	790180	5.02	5.02	17.6	17.6
fdot100y10d	P100	BASE	171.77	87.00	88.00	790180	5.03	5.02	17.7	17.7
fdot100y10d	P100	BASE	172.02	87.00	88.00	790180	5.03	5.03	17.8	17.8
fdot100y10d	P100	BASE	172.27	87.00	88.00	790180	5.03	5.03	17.9	17.9
fdot100y10d	P100	BASE	172.52	87.00	88.00	790180	5.03	5.03	18.0	18.0
fdot100y10d	P100	BASE	172.77	87.00	88.00	790180	5.03	5.03	18.1	18.1
fdot100y10d	P100	BASE	173.02	87.00	88.00	790180	5.03	5.03	18.2	18.2
fdot100y10d	P100	BASE	173.27	87.00	88.00	790180	5.04	5.04	18.3	18.3
fdot100y10d	P100	BASE	173.52	87.00	88.00	790183	5.04	3.98	18.4	18.4
fdot100y10d	P100	BASE	173.77	87.00	88.00	790195	5.04	3.22	18.5	18.5
fdot100y10d	P100	BASE	174.02	87.00	88.00	790211	5.04	2.77	18.6	18.5
fdot100y10d	P100	BASE	174.27	87.01	88.00	790230	5.04	2.47	18.7	18.6
fdot100y10d	P100	BASE	174.52	87.01	88.00	790252	5.04	2.25	18.8	18.6
fdot100y10d	P100	BASE	174.77	87.01	88.00	790275	5.05	2.08	18.9	18.7
fdot100y10d	P100	BASE	175.02	87.02	88.00	790299	5.05	1.95	19.0	18.7
fdot100y10d	P100	BASE	175.27	87.02	88.00	790324	5.05	1.84	19.1	18.8
fdot100y10d	P100	BASE	175.52	87.02	88.00	790349	5.05	1.75	19.2	18.8
fdot100y10d	P100	BASE	175.77	87.03	88.00	790376	5.05	1.67	19.3	18.8
fdot100y10d	P100	BASE	176.02	87.03	88.00	790403	5.19	1.60	19.4	18.9
fdot100y10d	P100	BASE	176.27	87.04	88.00	790446	9.68	1.55	19.6	18.9
fdot100y10d	P100	BASE	176.52	87.05	88.00	790529	13.88	1.51	19.8	18.9
fdot100y10d	P100	BASE	176.77	87.07	88.00	790638	16.16	1.48	20.2	19.0
fdot100y10d	P100	BASE	177.02	87.08	88.00	790760	17.50	1.46	20.5	19.0
fdot100y10d	P100	BASE	177.27	87.10	88.00	790891	18.45	1.44	20.9	19.0
fdot100y10d	P100	BASE	177.52	87.12	88.00	791029	19.04	1.42	21.3	19.0
fdot100y10d	P100	BASE	177.77	87.14	88.00	791170	19.33	1.40	21.7	19.1
fdot100y10d	P100	BASE	178.02	87.16	88.00	791312	19.43	1.39	22.1	19.1
fdot100y10d	P100	BASE	178.27	87.18	88.00	791456	19.45	1.37	22.5	19.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	178.52	87.20	88.00	791599	19.47	1.36	22.9	19.2
fdot100y10d	P100	BASE	178.77	87.22	88.00	791743	19.48	1.34	23.3	19.2
fdot100y10d	P100	BASE	179.02	87.25	88.00	791886	19.50	1.33	23.7	19.2
fdot100y10d	P100	BASE	179.27	87.27	88.00	792030	19.51	1.32	24.1	19.2
fdot100y10d	P100	BASE	179.52	87.29	88.00	792175	19.53	1.31	24.5	19.3
fdot100y10d	P100	BASE	179.77	87.31	88.00	792319	19.54	1.30	24.9	19.3
fdot100y10d	P100	BASE	180.02	87.33	88.00	792463	19.55	1.29	25.3	19.3
fdot100y10d	P100	BASE	180.27	87.35	88.00	792608	19.56	1.28	25.7	19.4
fdot100y10d	P100	BASE	180.52	87.37	88.00	792753	19.58	1.28	26.1	19.4
fdot100y10d	P100	BASE	180.77	87.39	88.00	792897	19.59	1.27	26.5	19.4
fdot100y10d	P100	BASE	181.02	87.41	88.00	793042	19.60	1.26	26.9	19.4
fdot100y10d	P100	BASE	181.27	87.43	88.00	793188	19.61	1.26	27.3	19.5
fdot100y10d	P100	BASE	181.52	87.45	88.00	793333	19.62	1.25	27.7	19.5
fdot100y10d	P100	BASE	181.77	87.47	88.00	793478	19.63	1.25	28.1	19.5
fdot100y10d	P100	BASE	182.02	87.49	88.00	793623	19.64	1.24	28.5	19.5
fdot100y10d	P100	BASE	182.27	87.52	88.00	793769	19.65	1.33	28.9	19.6
fdot100y10d	P100	BASE	182.52	87.54	88.00	793913	19.66	1.56	29.3	19.6
fdot100y10d	P100	BASE	182.77	87.56	88.00	794054	19.67	1.87	29.7	19.6
fdot100y10d	P100	BASE	183.02	87.58	88.00	794194	19.68	2.23	30.1	19.7
fdot100y10d	P100	BASE	183.27	87.60	88.00	794330	19.68	2.64	30.6	19.7
fdot100y10d	P100	BASE	183.52	87.61	88.00	794463	19.69	3.08	31.0	19.8
fdot100y10d	P100	BASE	183.77	87.63	88.00	794592	19.70	3.54	31.4	19.8
fdot100y10d	P100	BASE	184.02	87.65	88.00	794718	19.60	4.03	31.8	19.9
fdot100y10d	P100	BASE	184.27	87.67	88.00	794825	14.96	4.46	32.1	20.0
fdot100y10d	P100	BASE	184.52	87.68	88.00	794886	10.05	4.69	32.4	20.1
fdot100y10d	P100	BASE	184.77	87.68	88.00	794916	7.43	4.79	32.6	20.2
fdot100y10d	P100	BASE	185.02	87.68	88.00	794930	5.90	4.83	32.7	20.3
fdot100y10d	P100	BASE	185.27	87.68	88.00	794934	4.83	4.82	32.8	20.4
fdot100y10d	P100	BASE	185.52	87.68	88.00	794932	4.16	4.79	32.9	20.5
fdot100y10d	P100	BASE	185.77	87.68	88.00	794925	3.84	4.74	33.0	20.6
fdot100y10d	P100	BASE	186.02	87.68	88.00	794918	3.73	4.69	33.1	20.7
fdot100y10d	P100	BASE	186.27	87.68	88.00	794911	3.73	4.64	33.1	20.8
fdot100y10d	P100	BASE	186.52	87.68	88.00	794904	3.73	4.59	33.2	20.9
fdot100y10d	P100	BASE	186.77	87.68	88.00	794897	3.73	4.55	33.3	21.0
fdot100y10d	P100	BASE	187.02	87.68	88.00	794891	3.73	4.51	33.4	21.1
fdot100y10d	P100	BASE	187.27	87.68	88.00	794885	3.73	4.47	33.5	21.2
fdot100y10d	P100	BASE	187.52	87.67	88.00	794879	3.73	4.44	33.5	21.3
fdot100y10d	P100	BASE	187.77	87.67	88.00	794873	3.73	4.40	33.6	21.4
fdot100y10d	P100	BASE	188.02	87.67	88.00	794868	3.73	4.37	33.7	21.4
fdot100y10d	P100	BASE	188.27	87.67	88.00	794863	3.73	4.34	33.8	21.5
fdot100y10d	P100	BASE	188.52	87.67	88.00	794859	3.73	4.31	33.8	21.6
fdot100y10d	P100	BASE	188.77	87.67	88.00	794854	3.73	4.28	33.9	21.7
fdot100y10d	P100	BASE	189.02	87.67	88.00	794850	3.73	4.25	34.0	21.8
fdot100y10d	P100	BASE	189.27	87.67	88.00	794846	3.73	4.23	34.1	21.9
fdot100y10d	P100	BASE	189.52	87.67	88.00	794842	3.73	4.20	34.1	22.0
fdot100y10d	P100	BASE	189.77	87.67	88.00	794839	3.73	4.18	34.2	22.1
fdot100y10d	P100	BASE	190.02	87.67	88.00	794835	3.73	4.16	34.3	22.1
fdot100y10d	P100	BASE	190.27	87.67	88.00	794832	3.73	4.14	34.4	22.2
fdot100y10d	P100	BASE	190.52	87.67	88.00	794829	3.73	4.12	34.5	22.3
fdot100y10d	P100	BASE	190.77	87.67	88.00	794826	3.73	4.10	34.5	22.4
fdot100y10d	P100	BASE	191.02	87.67	88.00	794823	3.73	4.08	34.6	22.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	191.27	87.67	88.00	794820	3.73	4.06	34.7	22.6
fdot100y10d	P100	BASE	191.52	87.67	88.00	794818	3.73	4.04	34.8	22.7
fdot100y10d	P100	BASE	191.77	87.67	88.00	794816	3.73	4.03	34.8	22.7
fdot100y10d	P100	BASE	192.02	87.67	88.00	794813	3.72	4.01	34.9	22.8
fdot100y10d	P100	BASE	192.27	87.66	88.00	794810	3.31	3.99	35.0	22.9
fdot100y10d	P100	BASE	192.52	87.66	88.00	794803	2.90	3.95	35.1	23.0
fdot100y10d	P100	BASE	192.77	87.66	88.00	794794	2.68	3.91	35.1	23.1
fdot100y10d	P100	BASE	193.02	87.66	88.00	794784	2.55	3.86	35.2	23.1
fdot100y10d	P100	BASE	193.27	87.66	88.00	794773	2.46	3.81	35.2	23.2
fdot100y10d	P100	BASE	193.52	87.66	88.00	794762	2.41	3.76	35.3	23.3
fdot100y10d	P100	BASE	193.77	87.66	88.00	794752	2.38	3.71	35.3	23.4
fdot100y10d	P100	BASE	194.02	87.65	88.00	794742	2.37	3.66	35.4	23.5
fdot100y10d	P100	BASE	194.27	87.65	88.00	794732	2.37	3.61	35.4	23.5
fdot100y10d	P100	BASE	194.52	87.65	88.00	794722	2.37	3.57	35.5	23.6
fdot100y10d	P100	BASE	194.77	87.65	88.00	794713	2.37	3.53	35.5	23.7
fdot100y10d	P100	BASE	195.02	87.65	88.00	794704	2.37	3.49	35.6	23.8
fdot100y10d	P100	BASE	195.27	87.65	88.00	794695	2.37	3.45	35.6	23.8
fdot100y10d	P100	BASE	195.52	87.65	88.00	794687	2.37	3.41	35.7	23.9
fdot100y10d	P100	BASE	195.77	87.65	88.00	794679	2.37	3.37	35.7	24.0
fdot100y10d	P100	BASE	196.02	87.64	88.00	794671	2.37	3.34	35.8	24.0
fdot100y10d	P100	BASE	196.27	87.64	88.00	794663	2.37	3.30	35.8	24.1
fdot100y10d	P100	BASE	196.52	87.64	88.00	794656	2.37	3.27	35.9	24.2
fdot100y10d	P100	BASE	196.77	87.64	88.00	794649	2.37	3.24	35.9	24.2
fdot100y10d	P100	BASE	197.02	87.64	88.00	794642	2.37	3.21	36.0	24.3
fdot100y10d	P100	BASE	197.27	87.64	88.00	794636	2.37	3.18	36.0	24.4
fdot100y10d	P100	BASE	197.52	87.64	88.00	794630	2.37	3.15	36.1	24.4
fdot100y10d	P100	BASE	197.77	87.64	88.00	794623	2.37	3.13	36.1	24.5
fdot100y10d	P100	BASE	198.02	87.64	88.00	794618	2.37	3.10	36.2	24.6
fdot100y10d	P100	BASE	198.27	87.64	88.00	794612	2.37	3.07	36.2	24.6
fdot100y10d	P100	BASE	198.52	87.64	88.00	794607	2.37	3.05	36.2	24.7
fdot100y10d	P100	BASE	198.77	87.63	88.00	794601	2.37	3.03	36.3	24.8
fdot100y10d	P100	BASE	199.02	87.63	88.00	794596	2.37	3.00	36.3	24.8
fdot100y10d	P100	BASE	199.27	87.63	88.00	794591	2.37	2.98	36.4	24.9
fdot100y10d	P100	BASE	199.52	87.63	88.00	794587	2.37	2.96	36.4	24.9
fdot100y10d	P100	BASE	199.77	87.63	88.00	794582	2.37	2.94	36.5	25.0
fdot100y10d	P100	BASE	200.02	87.63	88.00	794578	2.37	2.92	36.5	25.1
fdot100y10d	P100	BASE	200.27	87.63	88.00	794573	2.37	2.90	36.6	25.1
fdot100y10d	P100	BASE	200.52	87.63	88.00	794569	2.37	2.88	36.6	25.2
fdot100y10d	P100	BASE	200.77	87.63	88.00	794565	2.37	2.87	36.7	25.2
fdot100y10d	P100	BASE	201.02	87.63	88.00	794561	2.37	2.85	36.7	25.3
fdot100y10d	P100	BASE	201.27	87.63	88.00	794558	2.37	2.83	36.8	25.4
fdot100y10d	P100	BASE	201.52	87.63	88.00	794554	2.37	2.82	36.8	25.4
fdot100y10d	P100	BASE	201.77	87.63	88.00	794550	2.37	2.80	36.9	25.5
fdot100y10d	P100	BASE	202.02	87.63	88.00	794547	2.37	2.78	36.9	25.5
fdot100y10d	P100	BASE	202.27	87.63	88.00	794544	2.37	2.77	37.0	25.6
fdot100y10d	P100	BASE	202.52	87.63	88.00	794541	2.37	2.76	37.0	25.6
fdot100y10d	P100	BASE	202.77	87.63	88.00	794538	2.37	2.74	37.1	25.7
fdot100y10d	P100	BASE	203.02	87.63	88.00	794535	2.37	2.73	37.1	25.8
fdot100y10d	P100	BASE	203.27	87.62	88.00	794532	2.37	2.72	37.2	25.8
fdot100y10d	P100	BASE	203.52	87.62	88.00	794529	2.37	2.70	37.2	25.9
fdot100y10d	P100	BASE	203.77	87.62	88.00	794527	2.37	2.69	37.3	25.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	204.02	87.62	88.00	794524	2.37	2.68	37.3	26.0
fdot100y10d	P100	BASE	204.27	87.62	88.00	794522	2.37	2.67	37.4	26.0
fdot100y10d	P100	BASE	204.52	87.62	88.00	794519	2.37	2.66	37.4	26.1
fdot100y10d	P100	BASE	204.77	87.62	88.00	794517	2.37	2.65	37.5	26.2
fdot100y10d	P100	BASE	205.02	87.62	88.00	794515	2.37	2.64	37.5	26.2
fdot100y10d	P100	BASE	205.27	87.62	88.00	794513	2.37	2.63	37.6	26.3
fdot100y10d	P100	BASE	205.52	87.62	88.00	794511	2.37	2.62	37.6	26.3
fdot100y10d	P100	BASE	205.77	87.62	88.00	794509	2.37	2.61	37.7	26.4
fdot100y10d	P100	BASE	206.02	87.62	88.00	794507	2.37	2.60	37.7	26.4
fdot100y10d	P100	BASE	206.27	87.62	88.00	794505	2.37	2.59	37.8	26.5
fdot100y10d	P100	BASE	206.52	87.62	88.00	794504	2.37	2.58	37.8	26.5
fdot100y10d	P100	BASE	206.77	87.62	88.00	794502	2.37	2.57	37.9	26.6
fdot100y10d	P100	BASE	207.02	87.62	88.00	794500	2.37	2.57	37.9	26.6
fdot100y10d	P100	BASE	207.27	87.62	88.00	794499	2.37	2.56	38.0	26.7
fdot100y10d	P100	BASE	207.52	87.62	88.00	794497	2.37	2.55	38.0	26.7
fdot100y10d	P100	BASE	207.77	87.62	88.00	794496	2.37	2.54	38.1	26.8
fdot100y10d	P100	BASE	208.02	87.62	88.00	794494	2.37	2.54	38.1	26.8
fdot100y10d	P100	BASE	208.27	87.62	88.00	794493	2.39	2.53	38.2	26.9
fdot100y10d	P100	BASE	208.52	87.62	88.00	794492	2.42	2.53	38.2	27.0
fdot100y10d	P100	BASE	208.77	87.62	88.00	794491	2.43	2.52	38.3	27.0
fdot100y10d	P100	BASE	209.02	87.62	88.00	794491	2.44	2.52	38.3	27.1
fdot100y10d	P100	BASE	209.27	87.62	88.00	794490	2.44	2.51	38.4	27.1
fdot100y10d	P100	BASE	209.52	87.62	88.00	794490	2.45	2.51	38.4	27.2
fdot100y10d	P100	BASE	209.77	87.62	88.00	794489	2.45	2.51	38.5	27.2
fdot100y10d	P100	BASE	210.02	87.62	88.00	794489	2.45	2.50	38.5	27.3
fdot100y10d	P100	BASE	210.27	87.62	88.00	794488	2.45	2.50	38.6	27.3
fdot100y10d	P100	BASE	210.52	87.62	88.00	794488	2.45	2.50	38.6	27.4
fdot100y10d	P100	BASE	210.77	87.62	88.00	794488	2.45	2.49	38.7	27.4
fdot100y10d	P100	BASE	211.02	87.62	88.00	794487	2.45	2.49	38.7	27.5
fdot100y10d	P100	BASE	211.27	87.62	88.00	794487	2.45	2.49	38.8	27.5
fdot100y10d	P100	BASE	211.52	87.62	88.00	794487	2.45	2.48	38.8	27.6
fdot100y10d	P100	BASE	211.77	87.62	88.00	794486	2.45	2.48	38.9	27.6
fdot100y10d	P100	BASE	212.02	87.62	88.00	794486	2.45	2.48	38.9	27.7
fdot100y10d	P100	BASE	212.27	87.62	88.00	794486	2.45	2.48	39.0	27.7
fdot100y10d	P100	BASE	212.52	87.62	88.00	794486	2.45	2.47	39.0	27.8
fdot100y10d	P100	BASE	212.77	87.62	88.00	794485	2.45	2.47	39.1	27.8
fdot100y10d	P100	BASE	213.02	87.62	88.00	794485	2.45	2.47	39.1	27.9
fdot100y10d	P100	BASE	213.27	87.62	88.00	794485	2.45	2.47	39.2	27.9
fdot100y10d	P100	BASE	213.52	87.62	88.00	794485	2.45	2.47	39.2	28.0
fdot100y10d	P100	BASE	213.77	87.62	88.00	794485	2.45	2.46	39.3	28.0
fdot100y10d	P100	BASE	214.02	87.62	88.00	794485	2.45	2.46	39.3	28.1
fdot100y10d	P100	BASE	214.27	87.62	88.00	794485	2.45	2.46	39.4	28.1
fdot100y10d	P100	BASE	214.52	87.62	88.00	794484	2.45	2.46	39.4	28.2
fdot100y10d	P100	BASE	214.77	87.62	88.00	794484	2.45	2.46	39.5	28.2
fdot100y10d	P100	BASE	215.02	87.62	88.00	794484	2.45	2.45	39.5	28.3
fdot100y10d	P100	BASE	215.27	87.62	88.00	794484	2.45	2.45	39.6	28.3
fdot100y10d	P100	BASE	215.52	87.62	88.00	794484	2.45	2.45	39.6	28.4
fdot100y10d	P100	BASE	215.77	87.62	88.00	794484	2.45	2.45	39.7	28.4
fdot100y10d	P100	BASE	216.02	87.62	88.00	794484	2.44	2.45	39.7	28.5
fdot100y10d	P100	BASE	216.27	87.62	88.00	794483	1.98	2.44	39.8	28.5
fdot100y10d	P100	BASE	216.52	87.62	88.00	794477	1.52	2.42	39.8	28.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	216.77	87.62	88.00	794469	1.28	2.39	39.8	28.6
fdot100y10d	P100	BASE	217.02	87.61	88.00	794460	1.14	2.35	39.9	28.7
fdot100y10d	P100	BASE	217.27	87.61	88.00	794450	1.04	2.31	39.9	28.7
fdot100y10d	P100	BASE	217.52	87.61	88.00	794440	0.98	2.28	39.9	28.8
fdot100y10d	P100	BASE	217.77	87.61	88.00	794430	0.95	2.24	39.9	28.8
fdot100y10d	P100	BASE	218.02	87.61	88.00	794420	0.94	2.20	39.9	28.9
fdot100y10d	P100	BASE	218.27	87.61	88.00	794410	0.94	2.17	40.0	28.9
fdot100y10d	P100	BASE	218.52	87.61	88.00	794400	0.94	2.13	40.0	29.0
fdot100y10d	P100	BASE	218.77	87.60	88.00	794391	0.94	2.10	40.0	29.0
fdot100y10d	P100	BASE	219.02	87.60	88.00	794382	0.94	2.07	40.0	29.1
fdot100y10d	P100	BASE	219.27	87.60	88.00	794373	0.94	2.04	40.0	29.1
fdot100y10d	P100	BASE	219.52	87.60	88.00	794364	0.94	2.01	40.1	29.1
fdot100y10d	P100	BASE	219.77	87.60	88.00	794356	0.94	1.98	40.1	29.2
fdot100y10d	P100	BASE	220.02	87.60	88.00	794348	0.94	1.95	40.1	29.2
fdot100y10d	P100	BASE	220.27	87.60	88.00	794340	0.94	1.92	40.1	29.3
fdot100y10d	P100	BASE	220.52	87.60	88.00	794332	0.94	1.90	40.1	29.3
fdot100y10d	P100	BASE	220.77	87.59	88.00	794325	0.94	1.87	40.2	29.3
fdot100y10d	P100	BASE	221.02	87.59	88.00	794318	0.94	1.85	40.2	29.4
fdot100y10d	P100	BASE	221.27	87.59	88.00	794311	0.94	1.82	40.2	29.4
fdot100y10d	P100	BASE	221.52	87.59	88.00	794304	0.94	1.80	40.2	29.4
fdot100y10d	P100	BASE	221.77	87.59	88.00	794297	0.94	1.78	40.2	29.5
fdot100y10d	P100	BASE	222.02	87.59	88.00	794290	0.94	1.75	40.3	29.5
fdot100y10d	P100	BASE	222.27	87.59	88.00	794284	0.94	1.73	40.3	29.6
fdot100y10d	P100	BASE	222.52	87.59	88.00	794278	0.94	1.71	40.3	29.6
fdot100y10d	P100	BASE	222.77	87.59	88.00	794272	0.94	1.69	40.3	29.6
fdot100y10d	P100	BASE	223.02	87.59	88.00	794266	0.94	1.67	40.3	29.7
fdot100y10d	P100	BASE	223.27	87.59	88.00	794260	0.94	1.66	40.3	29.7
fdot100y10d	P100	BASE	223.52	87.58	88.00	794255	0.94	1.64	40.4	29.7
fdot100y10d	P100	BASE	223.77	87.58	88.00	794249	0.94	1.62	40.4	29.8
fdot100y10d	P100	BASE	224.02	87.58	88.00	794244	0.94	1.60	40.4	29.8
fdot100y10d	P100	BASE	224.27	87.58	88.00	794239	0.94	1.59	40.4	29.8
fdot100y10d	P100	BASE	224.52	87.58	88.00	794234	0.94	1.57	40.4	29.9
fdot100y10d	P100	BASE	224.77	87.58	88.00	794229	0.93	1.55	40.5	29.9
fdot100y10d	P100	BASE	225.02	87.58	88.00	794224	0.93	1.54	40.5	29.9
fdot100y10d	P100	BASE	225.27	87.58	88.00	794219	0.93	1.52	40.5	30.0
fdot100y10d	P100	BASE	225.52	87.58	88.00	794214	0.93	1.51	40.5	30.0
fdot100y10d	P100	BASE	225.77	87.58	88.00	794210	0.93	1.50	40.5	30.0
fdot100y10d	P100	BASE	226.02	87.58	88.00	794206	0.93	1.48	40.6	30.1
fdot100y10d	P100	BASE	226.27	87.58	88.00	794201	0.93	1.47	40.6	30.1
fdot100y10d	P100	BASE	226.52	87.58	88.00	794197	0.93	1.46	40.6	30.1
fdot100y10d	P100	BASE	226.77	87.58	88.00	794193	0.93	1.44	40.6	30.1
fdot100y10d	P100	BASE	227.02	87.58	88.00	794189	0.93	1.43	40.6	30.2
fdot100y10d	P100	BASE	227.27	87.57	88.00	794185	0.93	1.42	40.7	30.2
fdot100y10d	P100	BASE	227.52	87.57	88.00	794181	0.93	1.41	40.7	30.2
fdot100y10d	P100	BASE	227.77	87.57	88.00	794178	0.93	1.40	40.7	30.3
fdot100y10d	P100	BASE	228.02	87.57	88.00	794174	0.93	1.38	40.7	30.3
fdot100y10d	P100	BASE	228.27	87.57	88.00	794171	0.93	1.37	40.7	30.3
fdot100y10d	P100	BASE	228.52	87.57	88.00	794167	0.93	1.36	40.8	30.3
fdot100y10d	P100	BASE	228.77	87.57	88.00	794164	0.93	1.35	40.8	30.4
fdot100y10d	P100	BASE	229.02	87.57	88.00	794161	0.93	1.34	40.8	30.4
fdot100y10d	P100	BASE	229.27	87.57	88.00	794157	0.93	1.33	40.8	30.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	229.52	87.57	88.00	794154	0.93	1.32	40.8	30.5
fdot100y10d	P100	BASE	229.77	87.57	88.00	794151	0.93	1.31	40.9	30.5
fdot100y10d	P100	BASE	230.02	87.57	88.00	794148	0.93	1.31	40.9	30.5
fdot100y10d	P100	BASE	230.27	87.57	88.00	794145	0.93	1.30	40.9	30.5
fdot100y10d	P100	BASE	230.52	87.57	88.00	794142	0.93	1.29	40.9	30.6
fdot100y10d	P100	BASE	230.77	87.57	88.00	794140	0.93	1.28	40.9	30.6
fdot100y10d	P100	BASE	231.02	87.57	88.00	794137	0.93	1.27	40.9	30.6
fdot100y10d	P100	BASE	231.27	87.57	88.00	794134	0.93	1.26	41.0	30.6
fdot100y10d	P100	BASE	231.52	87.57	88.00	794132	0.93	1.26	41.0	30.7
fdot100y10d	P100	BASE	231.77	87.57	88.00	794129	0.93	1.25	41.0	30.7
fdot100y10d	P100	BASE	232.02	87.57	88.00	794127	0.93	1.24	41.0	30.7
fdot100y10d	P100	BASE	232.27	87.57	88.00	794125	0.96	1.23	41.0	30.7
fdot100y10d	P100	BASE	232.52	87.57	88.00	794122	0.98	1.23	41.1	30.8
fdot100y10d	P100	BASE	232.77	87.57	88.00	794121	0.99	1.22	41.1	30.8
fdot100y10d	P100	BASE	233.02	87.57	88.00	794119	1.00	1.22	41.1	30.8
fdot100y10d	P100	BASE	233.27	87.57	88.00	794117	1.00	1.21	41.1	30.8
fdot100y10d	P100	BASE	233.52	87.56	88.00	794116	1.01	1.21	41.1	30.9
fdot100y10d	P100	BASE	233.77	87.56	88.00	794114	1.01	1.20	41.2	30.9
fdot100y10d	P100	BASE	234.02	87.56	88.00	794112	1.01	1.20	41.2	30.9
fdot100y10d	P100	BASE	234.27	87.56	88.00	794111	1.01	1.19	41.2	30.9
fdot100y10d	P100	BASE	234.52	87.56	88.00	794110	1.01	1.19	41.2	31.0
fdot100y10d	P100	BASE	234.77	87.56	88.00	794108	1.01	1.18	41.3	31.0
fdot100y10d	P100	BASE	235.02	87.56	88.00	794107	1.01	1.18	41.3	31.0
fdot100y10d	P100	BASE	235.27	87.56	88.00	794105	1.01	1.18	41.3	31.0
fdot100y10d	P100	BASE	235.52	87.56	88.00	794104	1.01	1.17	41.3	31.1
fdot100y10d	P100	BASE	235.77	87.56	88.00	794103	1.01	1.17	41.3	31.1
fdot100y10d	P100	BASE	236.02	87.56	88.00	794102	1.01	1.16	41.4	31.1
fdot100y10d	P100	BASE	236.27	87.56	88.00	794100	1.01	1.16	41.4	31.1
fdot100y10d	P100	BASE	236.52	87.56	88.00	794099	1.01	1.16	41.4	31.2
fdot100y10d	P100	BASE	236.77	87.56	88.00	794098	1.01	1.15	41.4	31.2
fdot100y10d	P100	BASE	237.02	87.56	88.00	794097	1.01	1.15	41.4	31.2
fdot100y10d	P100	BASE	237.27	87.56	88.00	794096	1.01	1.15	41.5	31.2
fdot100y10d	P100	BASE	237.52	87.56	88.00	794095	1.01	1.14	41.5	31.3
fdot100y10d	P100	BASE	237.77	87.56	88.00	794094	1.01	1.14	41.5	31.3
fdot100y10d	P100	BASE	238.02	87.56	88.00	794093	1.01	1.14	41.5	31.3
fdot100y10d	P100	BASE	238.27	87.56	88.00	794092	1.01	1.13	41.5	31.3
fdot100y10d	P100	BASE	238.52	87.56	88.00	794091	1.01	1.13	41.6	31.4
fdot100y10d	P100	BASE	238.77	87.56	88.00	794090	1.01	1.13	41.6	31.4
fdot100y10d	P100	BASE	239.02	87.56	88.00	794089	1.01	1.12	41.6	31.4
fdot100y10d	P100	BASE	239.27	87.56	88.00	794088	1.01	1.12	41.6	31.4
fdot100y10d	P100	BASE	239.52	87.56	88.00	794087	1.01	1.12	41.6	31.4
fdot100y10d	P100	BASE	239.77	87.56	88.00	794087	1.01	1.11	41.7	31.5
fdot100y10d	P100	BASE	240.02	87.56	88.00	794086	0.99	1.11	41.7	31.5
fdot100y10d	P100	BASE	240.27	87.56	88.00	794084	0.68	1.10	41.7	31.5
fdot100y10d	P100	BASE	240.52	87.56	88.00	794079	0.39	1.09	41.7	31.5
fdot100y10d	P100	BASE	240.77	87.56	88.00	794073	0.26	1.07	41.7	31.6
fdot100y10d	P100	BASE	241.02	87.56	88.00	794066	0.13	1.06	41.7	31.6
fdot100y10d	P100	BASE	241.27	87.56	88.00	794059	0.08	1.04	41.7	31.6
fdot100y10d	P100	BASE	241.52	87.56	88.00	794051	0.03	1.02	41.7	31.6
fdot100y10d	P100	BASE	241.77	87.55	88.00	794043	0.01	0.99	41.7	31.6
fdot100y10d	P100	BASE	242.02	87.55	88.00	794036	0.00	0.97	41.7	31.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	242.27	87.55	88.00	794028	0.00	0.96	41.7	31.7
fdot100y10d	P100	BASE	242.52	87.55	88.00	794020	0.00	0.94	41.7	31.7
fdot100y10d	P100	BASE	242.77	87.55	88.00	794013	0.00	0.92	41.7	31.7
fdot100y10d	P100	BASE	243.02	87.55	88.00	794006	0.00	0.90	41.7	31.7
fdot100y10d	P100	BASE	243.27	87.55	88.00	793999	0.00	0.88	41.7	31.8
fdot100y10d	P100	BASE	243.52	87.55	88.00	793992	0.00	0.87	41.7	31.8
fdot100y10d	P100	BASE	243.77	87.55	88.00	793985	0.00	0.85	41.7	31.8
fdot100y10d	P100	BASE	244.02	87.55	88.00	793979	0.00	0.84	41.7	31.8
fdot100y10d	P100	BASE	244.27	87.54	88.00	793972	0.00	0.82	41.7	31.8
fdot100y10d	P100	BASE	244.52	87.54	88.00	793966	0.00	0.81	41.7	31.9
fdot100y10d	P100	BASE	244.77	87.54	88.00	793959	0.00	0.79	41.7	31.9
fdot100y10d	P100	BASE	245.02	87.54	88.00	793953	0.00	0.78	41.7	31.9
fdot100y10d	P100	BASE	245.27	87.54	88.00	793947	0.00	0.76	41.7	31.9
fdot100y10d	P100	BASE	245.52	87.54	88.00	793941	0.00	0.75	41.7	31.9
fdot100y10d	P100	BASE	245.77	87.54	88.00	793935	0.00	0.74	41.7	31.9
fdot100y10d	P100	BASE	246.02	87.54	88.00	793929	0.00	0.72	41.7	31.9
fdot100y10d	P100	BASE	246.27	87.54	88.00	793924	0.00	0.71	41.7	32.0
fdot100y10d	P100	BASE	246.52	87.54	88.00	793918	0.00	0.70	41.7	32.0
fdot100y10d	P100	BASE	246.77	87.54	88.00	793913	0.00	0.69	41.7	32.0
fdot100y10d	P100	BASE	247.02	87.54	88.00	793907	0.00	0.68	41.7	32.0
fdot100y10d	P100	BASE	247.27	87.53	88.00	793902	0.00	0.67	41.7	32.0
fdot100y10d	P100	BASE	247.52	87.53	88.00	793897	0.00	0.66	41.7	32.0
fdot100y10d	P100	BASE	247.77	87.53	88.00	793891	0.00	0.65	41.7	32.0
fdot100y10d	P100	BASE	248.02	87.53	88.00	793886	0.00	0.64	41.7	32.1
fdot100y10d	P100	BASE	248.27	87.53	88.00	793881	0.00	0.63	41.7	32.1
fdot100y10d	P100	BASE	248.52	87.53	88.00	793877	0.00	0.62	41.7	32.1
fdot100y10d	P100	BASE	248.77	87.53	88.00	793872	0.00	0.61	41.7	32.1
fdot100y10d	P100	BASE	249.02	87.53	88.00	793867	0.00	0.60	41.7	32.1
fdot100y10d	P100	BASE	249.27	87.53	88.00	793862	0.00	0.59	41.7	32.1
fdot100y10d	P100	BASE	249.52	87.53	88.00	793858	0.00	0.58	41.7	32.1
fdot100y10d	P100	BASE	249.77	87.53	88.00	793853	0.00	0.57	41.7	32.1
fdot100y10d	P100	BASE	250.02	87.53	88.00	793849	0.00	0.56	41.7	32.2
fdot100y10d	P100	BASE	250.27	87.53	88.00	793844	0.00	0.56	41.7	32.2
fdot100y10d	P100	BASE	250.52	87.53	88.00	793840	0.00	0.55	41.7	32.2
fdot100y10d	P100	BASE	250.77	87.52	88.00	793835	0.00	0.54	41.7	32.2
fdot100y10d	P100	BASE	251.02	87.52	88.00	793831	0.00	0.53	41.7	32.2
fdot100y10d	P100	BASE	251.27	87.52	88.00	793827	0.00	0.53	41.7	32.2
fdot100y10d	P100	BASE	251.52	87.52	88.00	793823	0.00	0.52	41.7	32.2
fdot100y10d	P100	BASE	251.77	87.52	88.00	793819	0.00	0.51	41.7	32.2
fdot100y10d	P100	BASE	252.02	87.52	88.00	793815	0.00	0.51	41.7	32.2
fdot100y10d	P100	BASE	252.27	87.52	88.00	793811	0.00	0.50	41.7	32.3
fdot100y10d	P100	BASE	252.52	87.52	88.00	793807	0.00	0.49	41.7	32.3
fdot100y10d	P100	BASE	252.77	87.52	88.00	793803	0.00	0.49	41.7	32.3
fdot100y10d	P100	BASE	253.02	87.52	88.00	793799	0.00	0.48	41.7	32.3
fdot100y10d	P100	BASE	253.27	87.52	88.00	793795	0.00	0.47	41.7	32.3
fdot100y10d	P100	BASE	253.52	87.52	88.00	793792	0.00	0.47	41.7	32.3
fdot100y10d	P100	BASE	253.77	87.52	88.00	793788	0.00	0.46	41.7	32.3
fdot100y10d	P100	BASE	254.02	87.52	88.00	793784	0.00	0.46	41.7	32.3
fdot100y10d	P100	BASE	254.27	87.52	88.00	793781	0.00	0.45	41.7	32.3
fdot100y10d	P100	BASE	254.52	87.52	88.00	793777	0.00	0.45	41.7	32.3
fdot100y10d	P100	BASE	254.77	87.52	88.00	793774	0.00	0.44	41.7	32.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	255.02	87.52	88.00	793770	0.00	0.44	41.7	32.4
fdot100y10d	P100	BASE	255.27	87.51	88.00	793767	0.00	0.43	41.7	32.4
fdot100y10d	P100	BASE	255.52	87.51	88.00	793764	0.00	0.43	41.7	32.4
fdot100y10d	P100	BASE	255.77	87.51	88.00	793760	0.00	0.42	41.7	32.4
fdot100y10d	P100	BASE	256.02	87.51	88.00	793757	0.00	0.42	41.7	32.4
fdot100y10d	P100	BASE	256.27	87.51	88.00	793754	0.00	0.41	41.7	32.4
fdot100y10d	P100	BASE	256.52	87.51	88.00	793750	0.00	0.41	41.7	32.4
fdot100y10d	P100	BASE	256.77	87.51	88.00	793747	0.00	0.40	41.7	32.4
fdot100y10d	P100	BASE	257.02	87.51	88.00	793744	0.00	0.40	41.7	32.4
fdot100y10d	P100	BASE	257.27	87.51	88.00	793741	0.00	0.40	41.7	32.4
fdot100y10d	P100	BASE	257.52	87.51	88.00	793738	0.00	0.39	41.7	32.4
fdot100y10d	P100	BASE	257.77	87.51	88.00	793735	0.00	0.39	41.7	32.5
fdot100y10d	P100	BASE	258.02	87.51	88.00	793732	0.00	0.39	41.7	32.5
fdot100y10d	P100	BASE	258.27	87.51	88.00	793728	0.00	0.38	41.7	32.5
fdot100y10d	P100	BASE	258.52	87.51	88.00	793725	0.00	0.38	41.7	32.5
fdot100y10d	P100	BASE	258.77	87.51	88.00	793723	0.00	0.37	41.7	32.5
fdot100y10d	P100	BASE	259.02	87.51	88.00	793720	0.00	0.37	41.7	32.5
fdot100y10d	P100	BASE	259.27	87.51	88.00	793717	0.00	0.37	41.7	32.5
fdot100y10d	P100	BASE	259.52	87.51	88.00	793714	0.00	0.37	41.7	32.5
fdot100y10d	P100	BASE	259.77	87.51	88.00	793711	0.00	0.36	41.7	32.5
fdot100y10d	P100	BASE	260.02	87.51	88.00	793708	0.00	0.36	41.7	32.5
fdot100y10d	P100	BASE	260.27	87.51	88.00	793705	0.00	0.36	41.7	32.5
fdot100y10d	P100	BASE	260.52	87.51	88.00	793702	0.00	0.35	41.7	32.5
fdot100y10d	P100	BASE	260.77	87.51	88.00	793700	0.00	0.35	41.7	32.5
fdot100y10d	P100	BASE	261.02	87.50	88.00	793697	0.00	0.35	41.7	32.6
fdot100y10d	P100	BASE	261.27	87.50	88.00	793694	0.00	0.35	41.7	32.6
fdot100y10d	P100	BASE	261.52	87.50	88.00	793691	0.00	0.34	41.7	32.6
fdot100y10d	P100	BASE	261.77	87.50	88.00	793689	0.00	0.34	41.7	32.6
fdot100y10d	P100	BASE	262.02	87.50	88.00	793686	0.00	0.34	41.7	32.6
fdot100y10d	P100	BASE	262.27	87.50	88.00	793683	0.00	0.34	41.7	32.6
fdot100y10d	P100	BASE	262.52	87.50	88.00	793681	0.00	0.34	41.7	32.6
fdot100y10d	P100	BASE	262.77	87.50	88.00	793678	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	263.02	87.50	88.00	793675	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	263.27	87.50	88.00	793673	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	263.52	87.50	88.00	793670	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	263.77	87.50	88.00	793668	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	264.02	87.50	88.00	793665	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	264.27	87.50	88.00	793662	0.00	0.33	41.7	32.6
fdot100y10d	P100	BASE	264.52	87.50	88.00	793660	0.00	0.33	41.7	32.7
fdot100y10d	P100	BASE	264.77	87.50	88.00	793657	0.00	0.33	41.7	32.7
fdot100y10d	P100	BASE	265.02	87.50	88.00	793655	0.00	0.33	41.7	32.7
fdot100y10d	P100	BASE	265.27	87.50	88.00	793652	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	265.52	87.50	88.00	793649	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	265.77	87.50	88.00	793647	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	266.02	87.50	88.00	793644	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	266.27	87.50	88.00	793642	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	266.52	87.50	88.00	793639	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	266.77	87.50	88.00	793637	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	267.02	87.50	88.00	793634	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	267.27	87.50	88.00	793632	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	267.52	87.50	88.00	793629	0.00	0.32	41.7	32.7

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	267.77	87.49	88.00	793627	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	268.02	87.49	88.00	793624	0.00	0.32	41.7	32.7
fdot100y10d	P100	BASE	268.27	87.49	88.00	793621	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	268.52	87.49	88.00	793619	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	268.77	87.49	88.00	793616	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	269.02	87.49	88.00	793614	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	269.27	87.49	88.00	793611	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	269.52	87.49	88.00	793609	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	269.77	87.49	88.00	793606	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	270.02	87.49	88.00	793604	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	270.27	87.49	88.00	793601	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	270.52	87.49	88.00	793599	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	270.77	87.49	88.00	793596	0.00	0.32	41.7	32.8
fdot100y10d	P100	BASE	271.02	87.49	88.00	793594	0.00	0.31	41.7	32.8
fdot100y10d	P100	BASE	271.27	87.49	88.00	793591	0.00	0.31	41.7	32.8
fdot100y10d	P100	BASE	271.52	87.49	88.00	793589	0.00	0.31	41.7	32.8
fdot100y10d	P100	BASE	271.77	87.49	88.00	793586	0.00	0.31	41.7	32.8
fdot100y10d	P100	BASE	272.02	87.49	88.00	793584	0.00	0.31	41.7	32.8
fdot100y10d	P100	BASE	272.27	87.49	88.00	793581	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	272.52	87.49	88.00	793579	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	272.77	87.49	88.00	793577	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	273.02	87.49	88.00	793574	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	273.27	87.49	88.00	793572	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	273.52	87.49	88.00	793569	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	273.77	87.49	88.00	793567	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	274.02	87.49	88.00	793564	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	274.27	87.49	88.00	793562	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	274.52	87.49	88.00	793559	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	274.77	87.48	88.00	793557	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	275.02	87.48	88.00	793555	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	275.27	87.48	88.00	793552	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	275.52	87.48	88.00	793550	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	275.77	87.48	88.00	793547	0.00	0.31	41.7	32.9
fdot100y10d	P100	BASE	276.02	87.48	88.00	793545	0.00	0.31	41.7	33.0
fdot100y10d	P100	BASE	276.27	87.48	88.00	793542	0.00	0.31	41.7	33.0
fdot100y10d	P100	BASE	276.52	87.48	88.00	793540	0.00	0.31	41.7	33.0
fdot100y10d	P100	BASE	276.77	87.48	88.00	793538	0.00	0.31	41.7	33.0
fdot100y10d	P100	BASE	277.02	87.48	88.00	793535	0.00	0.31	41.7	33.0
fdot100y10d	P100	BASE	277.27	87.48	88.00	793533	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	277.52	87.48	88.00	793530	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	277.77	87.48	88.00	793528	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	278.02	87.48	88.00	793525	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	278.27	87.48	88.00	793523	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	278.52	87.48	88.00	793521	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	278.77	87.48	88.00	793518	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	279.02	87.48	88.00	793516	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	279.27	87.48	88.00	793514	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	279.52	87.48	88.00	793511	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	279.77	87.48	88.00	793509	0.00	0.30	41.7	33.0
fdot100y10d	P100	BASE	280.02	87.48	88.00	793506	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	280.27	87.48	88.00	793504	0.00	0.30	41.7	33.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	280.52	87.48	88.00	793502	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	280.77	87.48	88.00	793499	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	281.02	87.48	88.00	793497	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	281.27	87.48	88.00	793495	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	281.52	87.48	88.00	793492	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	281.77	87.48	88.00	793490	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	282.02	87.47	88.00	793487	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	282.27	87.47	88.00	793485	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	282.52	87.47	88.00	793483	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	282.77	87.47	88.00	793480	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	283.02	87.47	88.00	793478	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	283.27	87.47	88.00	793476	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	283.52	87.47	88.00	793473	0.00	0.30	41.7	33.1
fdot100y10d	P100	BASE	283.77	87.47	88.00	793471	0.00	0.29	41.7	33.1
fdot100y10d	P100	BASE	284.02	87.47	88.00	793469	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	284.27	87.47	88.00	793466	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	284.52	87.47	88.00	793464	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	284.77	87.47	88.00	793462	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	285.02	87.47	88.00	793459	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	285.27	87.47	88.00	793457	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	285.52	87.47	88.00	793455	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	285.77	87.47	88.00	793453	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	286.02	87.47	88.00	793450	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	286.27	87.47	88.00	793448	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	286.52	87.47	88.00	793446	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	286.77	87.47	88.00	793443	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	287.02	87.47	88.00	793441	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	287.27	87.47	88.00	793439	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	287.52	87.47	88.00	793436	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	287.77	87.47	88.00	793434	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	288.02	87.47	88.00	793432	0.00	0.29	41.7	33.2
fdot100y10d	P100	BASE	288.27	87.47	88.00	793430	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	288.52	87.47	88.00	793427	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	288.77	87.47	88.00	793425	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	289.02	87.47	88.00	793423	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	289.27	87.47	88.00	793420	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	289.52	87.46	88.00	793418	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	289.77	87.46	88.00	793416	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	290.02	87.46	88.00	793414	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	290.27	87.46	88.00	793411	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	290.52	87.46	88.00	793409	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	290.77	87.46	88.00	793407	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	291.02	87.46	88.00	793405	0.00	0.29	41.7	33.3
fdot100y10d	P100	BASE	291.27	87.46	88.00	793402	0.00	0.28	41.7	33.3
fdot100y10d	P100	BASE	291.52	87.46	88.00	793400	0.00	0.28	41.7	33.3
fdot100y10d	P100	BASE	291.77	87.46	88.00	793398	0.00	0.28	41.7	33.3
fdot100y10d	P100	BASE	292.02	87.46	88.00	793396	0.00	0.28	41.7	33.3
fdot100y10d	P100	BASE	292.27	87.46	88.00	793393	0.00	0.28	41.7	33.3
fdot100y10d	P100	BASE	292.52	87.46	88.00	793391	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	292.77	87.46	88.00	793389	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	293.02	87.46	88.00	793387	0.00	0.28	41.7	33.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	293.27	87.46	88.00	793384	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	293.52	87.46	88.00	793382	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	293.77	87.46	88.00	793380	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	294.02	87.46	88.00	793378	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	294.27	87.46	88.00	793376	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	294.52	87.46	88.00	793373	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	294.77	87.46	88.00	793371	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	295.02	87.46	88.00	793369	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	295.27	87.46	88.00	793367	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	295.52	87.46	88.00	793364	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	295.77	87.46	88.00	793362	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	296.02	87.46	88.00	793360	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	296.27	87.46	88.00	793358	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	296.52	87.46	88.00	793356	0.00	0.28	41.7	33.4
fdot100y10d	P100	BASE	296.77	87.46	88.00	793353	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	297.02	87.46	88.00	793351	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	297.27	87.45	88.00	793349	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	297.52	87.45	88.00	793347	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	297.77	87.45	88.00	793345	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	298.02	87.45	88.00	793342	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	298.27	87.45	88.00	793340	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	298.52	87.45	88.00	793338	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	298.77	87.45	88.00	793336	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	299.02	87.45	88.00	793334	0.00	0.28	41.7	33.5
fdot100y10d	P100	BASE	299.27	87.45	88.00	793332	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	299.52	87.45	88.00	793329	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	299.77	87.45	88.00	793327	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	300.02	87.45	88.00	793325	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	300.27	87.45	88.00	793323	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	300.52	87.45	88.00	793321	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	300.77	87.45	88.00	793319	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	301.02	87.45	88.00	793316	0.00	0.27	41.7	33.5
fdot100y10d	P100	BASE	301.27	87.45	88.00	793314	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	301.52	87.45	88.00	793312	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	301.77	87.45	88.00	793310	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	302.02	87.45	88.00	793308	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	302.27	87.45	88.00	793306	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	302.52	87.45	88.00	793304	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	302.77	87.45	88.00	793301	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	303.02	87.45	88.00	793299	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	303.27	87.45	88.00	793297	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	303.52	87.45	88.00	793295	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	303.77	87.45	88.00	793293	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	304.02	87.45	88.00	793291	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	304.27	87.45	88.00	793289	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	304.52	87.45	88.00	793286	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	304.77	87.45	88.00	793284	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	305.02	87.45	88.00	793282	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	305.27	87.45	88.00	793280	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	305.52	87.44	88.00	793278	0.00	0.27	41.7	33.6
fdot100y10d	P100	BASE	305.77	87.44	88.00	793276	0.00	0.27	41.7	33.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	306.02	87.44	88.00	793274	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	306.27	87.44	88.00	793272	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	306.52	87.44	88.00	793270	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	306.77	87.44	88.00	793267	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	307.02	87.44	88.00	793265	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	307.27	87.44	88.00	793263	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	307.52	87.44	88.00	793261	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	307.77	87.44	88.00	793259	0.00	0.27	41.7	33.7
fdot100y10d	P100	BASE	308.02	87.44	88.00	793257	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	308.27	87.44	88.00	793255	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	308.52	87.44	88.00	793253	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	308.77	87.44	88.00	793251	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	309.02	87.44	88.00	793249	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	309.27	87.44	88.00	793246	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	309.52	87.44	88.00	793244	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	309.77	87.44	88.00	793242	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	310.02	87.44	88.00	793240	0.00	0.26	41.7	33.7
fdot100y10d	P100	BASE	310.27	87.44	88.00	793238	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	310.52	87.44	88.00	793236	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	310.77	87.44	88.00	793234	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	311.02	87.44	88.00	793232	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	311.27	87.44	88.00	793230	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	311.52	87.44	88.00	793228	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	311.77	87.44	88.00	793226	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	312.02	87.44	88.00	793224	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	312.27	87.44	88.00	793222	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	312.52	87.44	88.00	793220	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	312.77	87.44	88.00	793218	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	313.02	87.44	88.00	793215	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	313.27	87.44	88.00	793213	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	313.52	87.44	88.00	793211	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	313.77	87.43	88.00	793209	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	314.02	87.43	88.00	793207	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	314.27	87.43	88.00	793205	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	314.52	87.43	88.00	793203	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	314.77	87.43	88.00	793201	0.00	0.26	41.7	33.8
fdot100y10d	P100	BASE	315.02	87.43	88.00	793199	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	315.27	87.43	88.00	793197	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	315.52	87.43	88.00	793195	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	315.77	87.43	88.00	793193	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	316.02	87.43	88.00	793191	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	316.27	87.43	88.00	793189	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	316.52	87.43	88.00	793187	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	316.77	87.43	88.00	793185	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	317.02	87.43	88.00	793183	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	317.27	87.43	88.00	793181	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	317.52	87.43	88.00	793179	0.00	0.26	41.7	33.9
fdot100y10d	P100	BASE	317.77	87.43	88.00	793177	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	318.02	87.43	88.00	793175	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	318.27	87.43	88.00	793173	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	318.52	87.43	88.00	793171	0.00	0.25	41.7	33.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	318.77	87.43	88.00	793169	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	319.02	87.43	88.00	793167	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	319.27	87.43	88.00	793165	0.00	0.25	41.7	33.9
fdot100y10d	P100	BASE	319.52	87.43	88.00	793163	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	319.77	87.43	88.00	793161	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	320.02	87.43	88.00	793159	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	320.27	87.43	88.00	793157	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	320.52	87.43	88.00	793155	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	320.77	87.43	88.00	793153	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	321.02	87.43	88.00	793151	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	321.27	87.43	88.00	793149	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	321.52	87.43	88.00	793147	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	321.77	87.43	88.00	793145	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	322.02	87.43	88.00	793143	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	322.27	87.43	88.00	793141	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	322.52	87.42	88.00	793139	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	322.77	87.42	88.00	793137	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	323.02	87.42	88.00	793135	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	323.27	87.42	88.00	793133	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	323.52	87.42	88.00	793131	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	323.77	87.42	88.00	793129	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	324.02	87.42	88.00	793127	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	324.27	87.42	88.00	793125	0.00	0.25	41.7	34.0
fdot100y10d	P100	BASE	324.52	87.42	88.00	793123	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	324.77	87.42	88.00	793121	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	325.02	87.42	88.00	793119	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	325.27	87.42	88.00	793117	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	325.52	87.42	88.00	793115	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	325.77	87.42	88.00	793113	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	326.02	87.42	88.00	793111	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	326.27	87.42	88.00	793109	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	326.52	87.42	88.00	793107	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	326.77	87.42	88.00	793105	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	327.02	87.42	88.00	793103	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	327.27	87.42	88.00	793102	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	327.52	87.42	88.00	793100	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	327.77	87.42	88.00	793098	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	328.02	87.42	88.00	793096	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	328.27	87.42	88.00	793094	0.00	0.25	41.7	34.1
fdot100y10d	P100	BASE	328.52	87.42	88.00	793092	0.00	0.24	41.7	34.1
fdot100y10d	P100	BASE	328.77	87.42	88.00	793090	0.00	0.24	41.7	34.1
fdot100y10d	P100	BASE	329.02	87.42	88.00	793088	0.00	0.24	41.7	34.1
fdot100y10d	P100	BASE	329.27	87.42	88.00	793086	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	329.52	87.42	88.00	793084	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	329.77	87.42	88.00	793082	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	330.02	87.42	88.00	793080	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	330.27	87.42	88.00	793078	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	330.52	87.42	88.00	793076	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	330.77	87.42	88.00	793074	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	331.02	87.42	88.00	793073	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	331.27	87.41	88.00	793071	0.00	0.24	41.7	34.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	331.52	87.41	88.00	793069	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	331.77	87.41	88.00	793067	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	332.02	87.41	88.00	793065	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	332.27	87.41	88.00	793063	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	332.52	87.41	88.00	793061	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	332.77	87.41	88.00	793059	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	333.02	87.41	88.00	793057	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	333.27	87.41	88.00	793055	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	333.52	87.41	88.00	793053	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	333.77	87.41	88.00	793052	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	334.02	87.41	88.00	793050	0.00	0.24	41.7	34.2
fdot100y10d	P100	BASE	334.27	87.41	88.00	793048	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	334.52	87.41	88.00	793046	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	334.77	87.41	88.00	793044	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	335.02	87.41	88.00	793042	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	335.27	87.41	88.00	793040	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	335.52	87.41	88.00	793038	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	335.77	87.41	88.00	793036	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	336.02	87.41	88.00	793034	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	336.27	87.41	88.00	793033	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	336.52	87.41	88.00	793031	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	336.77	87.41	88.00	793029	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	337.02	87.41	88.00	793027	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	337.27	87.41	88.00	793025	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	337.52	87.41	88.00	793023	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	337.77	87.41	88.00	793021	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	338.02	87.41	88.00	793019	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	338.27	87.41	88.00	793018	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	338.52	87.41	88.00	793016	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	338.77	87.41	88.00	793014	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	339.02	87.41	88.00	793012	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	339.27	87.41	88.00	793010	0.00	0.24	41.7	34.3
fdot100y10d	P100	BASE	339.52	87.41	88.00	793008	0.00	0.24	41.7	34.4
fdot100y10d	P100	BASE	339.77	87.41	88.00	793006	0.00	0.24	41.7	34.4
fdot100y10d	P100	BASE	340.02	87.41	88.00	793005	0.00	0.24	41.7	34.4
fdot100y10d	P100	BASE	340.27	87.41	88.00	793003	0.00	0.24	41.7	34.4
fdot100y10d	P100	BASE	340.52	87.40	88.00	793001	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	340.77	87.40	88.00	792999	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	341.02	87.40	88.00	792997	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	341.27	87.40	88.00	792995	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	341.52	87.40	88.00	792993	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	341.77	87.40	88.00	792992	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	342.02	87.40	88.00	792990	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	342.27	87.40	88.00	792988	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	342.52	87.40	88.00	792986	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	342.77	87.40	88.00	792984	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	343.02	87.40	88.00	792982	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	343.27	87.40	88.00	792980	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	343.52	87.40	88.00	792979	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	343.77	87.40	88.00	792977	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	344.02	87.40	88.00	792975	0.00	0.23	41.7	34.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	344.27	87.40	88.00	792973	0.00	0.23	41.7	34.4
fdot100y10d	P100	BASE	344.52	87.40	88.00	792971	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	344.77	87.40	88.00	792969	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	345.02	87.40	88.00	792968	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	345.27	87.40	88.00	792966	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	345.52	87.40	88.00	792964	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	345.77	87.40	88.00	792962	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	346.02	87.40	88.00	792960	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	346.27	87.40	88.00	792958	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	346.52	87.40	88.00	792957	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	346.77	87.40	88.00	792955	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	347.02	87.40	88.00	792953	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	347.27	87.40	88.00	792951	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	347.52	87.40	88.00	792949	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	347.77	87.40	88.00	792948	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	348.02	87.40	88.00	792946	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	348.27	87.40	88.00	792944	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	348.52	87.40	88.00	792942	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	348.77	87.40	88.00	792940	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	349.02	87.40	88.00	792939	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	349.27	87.40	88.00	792937	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	349.52	87.40	88.00	792935	0.00	0.23	41.7	34.5
fdot100y10d	P100	BASE	349.77	87.40	88.00	792933	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	350.02	87.39	88.00	792931	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	350.27	87.39	88.00	792930	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	350.52	87.39	88.00	792928	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	350.77	87.39	88.00	792926	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	351.02	87.39	88.00	792924	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	351.27	87.39	88.00	792922	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	351.52	87.39	88.00	792921	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	351.77	87.39	88.00	792919	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	352.02	87.39	88.00	792917	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	352.27	87.39	88.00	792915	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	352.52	87.39	88.00	792913	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	352.77	87.39	88.00	792912	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	353.02	87.39	88.00	792910	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	353.27	87.39	88.00	792908	0.00	0.23	41.7	34.6
fdot100y10d	P100	BASE	353.52	87.39	88.00	792906	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	353.77	87.39	88.00	792904	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	354.02	87.39	88.00	792903	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	354.27	87.39	88.00	792901	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	354.52	87.39	88.00	792899	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	354.77	87.39	88.00	792897	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	355.02	87.39	88.00	792896	0.00	0.22	41.7	34.6
fdot100y10d	P100	BASE	355.27	87.39	88.00	792894	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	355.52	87.39	88.00	792892	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	355.77	87.39	88.00	792890	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	356.02	87.39	88.00	792889	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	356.27	87.39	88.00	792887	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	356.52	87.39	88.00	792885	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	356.77	87.39	88.00	792883	0.00	0.22	41.7	34.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	357.02	87.39	88.00	792881	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	357.27	87.39	88.00	792880	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	357.52	87.39	88.00	792878	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	357.77	87.39	88.00	792876	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	358.02	87.39	88.00	792874	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	358.27	87.39	88.00	792873	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	358.52	87.39	88.00	792871	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	358.77	87.39	88.00	792869	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	359.02	87.39	88.00	792867	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	359.27	87.39	88.00	792866	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	359.52	87.39	88.00	792864	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	359.77	87.39	88.00	792862	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	360.02	87.38	88.00	792860	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	360.27	87.38	88.00	792859	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	360.52	87.38	88.00	792857	0.00	0.22	41.7	34.7
fdot100y10d	P100	BASE	360.77	87.38	88.00	792855	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	361.02	87.38	88.00	792854	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	361.27	87.38	88.00	792852	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	361.52	87.38	88.00	792850	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	361.77	87.38	88.00	792848	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	362.02	87.38	88.00	792847	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	362.27	87.38	88.00	792845	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	362.52	87.38	88.00	792843	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	362.77	87.38	88.00	792841	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	363.02	87.38	88.00	792840	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	363.27	87.38	88.00	792838	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	363.52	87.38	88.00	792836	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	363.77	87.38	88.00	792834	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	364.02	87.38	88.00	792833	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	364.27	87.38	88.00	792831	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	364.52	87.38	88.00	792829	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	364.77	87.38	88.00	792828	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	365.02	87.38	88.00	792826	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	365.27	87.38	88.00	792824	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	365.52	87.38	88.00	792822	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	365.77	87.38	88.00	792821	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	366.02	87.38	88.00	792819	0.00	0.22	41.7	34.8
fdot100y10d	P100	BASE	366.27	87.38	88.00	792817	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	366.52	87.38	88.00	792816	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	366.77	87.38	88.00	792814	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	367.02	87.38	88.00	792812	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	367.27	87.38	88.00	792810	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	367.52	87.38	88.00	792809	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	367.77	87.38	88.00	792807	0.00	0.22	41.7	34.9
fdot100y10d	P100	BASE	368.02	87.38	88.00	792805	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	368.27	87.38	88.00	792804	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	368.52	87.38	88.00	792802	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	368.77	87.38	88.00	792800	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	369.02	87.38	88.00	792799	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	369.27	87.38	88.00	792797	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	369.52	87.38	88.00	792795	0.00	0.21	41.7	34.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	369.77	87.38	88.00	792793	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	370.02	87.37	88.00	792792	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	370.27	87.37	88.00	792790	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	370.52	87.37	88.00	792788	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	370.77	87.37	88.00	792787	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	371.02	87.37	88.00	792785	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	371.27	87.37	88.00	792783	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	371.52	87.37	88.00	792782	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	371.77	87.37	88.00	792780	0.00	0.21	41.7	34.9
fdot100y10d	P100	BASE	372.02	87.37	88.00	792778	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	372.27	87.37	88.00	792777	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	372.52	87.37	88.00	792775	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	372.77	87.37	88.00	792773	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	373.02	87.37	88.00	792772	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	373.27	87.37	88.00	792770	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	373.52	87.37	88.00	792768	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	373.77	87.37	88.00	792767	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	374.02	87.37	88.00	792765	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	374.27	87.37	88.00	792763	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	374.52	87.37	88.00	792762	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	374.77	87.37	88.00	792760	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	375.02	87.37	88.00	792758	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	375.27	87.37	88.00	792757	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	375.52	87.37	88.00	792755	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	375.77	87.37	88.00	792753	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	376.02	87.37	88.00	792752	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	376.27	87.37	88.00	792750	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	376.52	87.37	88.00	792748	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	376.77	87.37	88.00	792747	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	377.02	87.37	88.00	792745	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	377.27	87.37	88.00	792743	0.00	0.21	41.7	35.0
fdot100y10d	P100	BASE	377.52	87.37	88.00	792742	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	377.77	87.37	88.00	792740	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	378.02	87.37	88.00	792738	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	378.27	87.37	88.00	792737	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	378.52	87.37	88.00	792735	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	378.77	87.37	88.00	792733	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	379.02	87.37	88.00	792732	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	379.27	87.37	88.00	792730	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	379.52	87.37	88.00	792728	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	379.77	87.37	88.00	792727	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	380.02	87.37	88.00	792725	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	380.27	87.37	88.00	792724	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	380.52	87.36	88.00	792722	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	380.77	87.36	88.00	792720	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	381.02	87.36	88.00	792719	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	381.27	87.36	88.00	792717	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	381.52	87.36	88.00	792715	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	381.77	87.36	88.00	792714	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	382.02	87.36	88.00	792712	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	382.27	87.36	88.00	792710	0.00	0.21	41.7	35.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	382.52	87.36	88.00	792709	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	382.77	87.36	88.00	792707	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	383.02	87.36	88.00	792706	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	383.27	87.36	88.00	792704	0.00	0.21	41.7	35.1
fdot100y10d	P100	BASE	383.52	87.36	88.00	792702	0.00	0.21	41.7	35.2
fdot100y10d	P100	BASE	383.77	87.36	88.00	792701	0.00	0.21	41.7	35.2
fdot100y10d	P100	BASE	384.02	87.36	88.00	792699	0.00	0.21	41.7	35.2
fdot100y10d	P100	BASE	384.27	87.36	88.00	792697	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	384.52	87.36	88.00	792696	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	384.77	87.36	88.00	792694	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	385.02	87.36	88.00	792693	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	385.27	87.36	88.00	792691	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	385.52	87.36	88.00	792689	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	385.77	87.36	88.00	792688	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	386.02	87.36	88.00	792686	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	386.27	87.36	88.00	792684	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	386.52	87.36	88.00	792683	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	386.77	87.36	88.00	792681	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	387.02	87.36	88.00	792680	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	387.27	87.36	88.00	792678	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	387.52	87.36	88.00	792676	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	387.77	87.36	88.00	792675	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	388.02	87.36	88.00	792673	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	388.27	87.36	88.00	792672	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	388.52	87.36	88.00	792670	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	388.77	87.36	88.00	792668	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	389.02	87.36	88.00	792667	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	389.27	87.36	88.00	792665	0.00	0.20	41.7	35.2
fdot100y10d	P100	BASE	389.52	87.36	88.00	792664	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	389.77	87.36	88.00	792662	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	390.02	87.36	88.00	792660	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	390.27	87.36	88.00	792659	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	390.52	87.36	88.00	792657	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	390.77	87.36	88.00	792656	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	391.02	87.36	88.00	792654	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	391.27	87.35	88.00	792652	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	391.52	87.35	88.00	792651	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	391.77	87.35	88.00	792649	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	392.02	87.35	88.00	792648	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	392.27	87.35	88.00	792646	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	392.52	87.35	88.00	792645	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	392.77	87.35	88.00	792643	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	393.02	87.35	88.00	792641	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	393.27	87.35	88.00	792640	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	393.52	87.35	88.00	792638	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	393.77	87.35	88.00	792637	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	394.02	87.35	88.00	792635	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	394.27	87.35	88.00	792633	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	394.52	87.35	88.00	792632	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	394.77	87.35	88.00	792630	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	395.02	87.35	88.00	792629	0.00	0.20	41.7	35.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	395.27	87.35	88.00	792627	0.00	0.20	41.7	35.3
fdot100y10d	P100	BASE	395.52	87.35	88.00	792626	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	395.77	87.35	88.00	792624	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	396.02	87.35	88.00	792622	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	396.27	87.35	88.00	792621	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	396.52	87.35	88.00	792619	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	396.77	87.35	88.00	792618	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	397.02	87.35	88.00	792616	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	397.27	87.35	88.00	792615	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	397.52	87.35	88.00	792613	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	397.77	87.35	88.00	792611	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	398.02	87.35	88.00	792610	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	398.27	87.35	88.00	792608	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	398.52	87.35	88.00	792607	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	398.77	87.35	88.00	792605	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	399.02	87.35	88.00	792604	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	399.27	87.35	88.00	792602	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	399.52	87.35	88.00	792601	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	399.77	87.35	88.00	792599	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	400.02	87.35	88.00	792597	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	400.27	87.35	88.00	792596	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	400.52	87.35	88.00	792594	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	400.77	87.35	88.00	792593	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	401.02	87.35	88.00	792591	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	401.27	87.35	88.00	792590	0.00	0.20	41.7	35.4
fdot100y10d	P100	BASE	401.52	87.35	88.00	792588	0.00	0.20	41.7	35.5
fdot100y10d	P100	BASE	401.77	87.35	88.00	792587	0.00	0.20	41.7	35.5
fdot100y10d	P100	BASE	402.02	87.35	88.00	792585	0.00	0.20	41.7	35.5
fdot100y10d	P100	BASE	402.27	87.35	88.00	792584	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	402.52	87.34	88.00	792582	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	402.77	87.34	88.00	792580	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	403.02	87.34	88.00	792579	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	403.27	87.34	88.00	792577	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	403.52	87.34	88.00	792576	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	403.77	87.34	88.00	792574	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	404.02	87.34	88.00	792573	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	404.27	87.34	88.00	792571	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	404.52	87.34	88.00	792570	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	404.77	87.34	88.00	792568	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	405.02	87.34	88.00	792567	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	405.27	87.34	88.00	792565	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	405.52	87.34	88.00	792564	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	405.77	87.34	88.00	792562	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	406.02	87.34	88.00	792561	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	406.27	87.34	88.00	792559	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	406.52	87.34	88.00	792557	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	406.77	87.34	88.00	792556	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	407.02	87.34	88.00	792554	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	407.27	87.34	88.00	792553	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	407.52	87.34	88.00	792551	0.00	0.19	41.7	35.5
fdot100y10d	P100	BASE	407.77	87.34	88.00	792550	0.00	0.19	41.7	35.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	408.02	87.34	88.00	792548	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	408.27	87.34	88.00	792547	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	408.52	87.34	88.00	792545	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	408.77	87.34	88.00	792544	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	409.02	87.34	88.00	792542	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	409.27	87.34	88.00	792541	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	409.52	87.34	88.00	792539	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	409.77	87.34	88.00	792538	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	410.02	87.34	88.00	792536	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	410.27	87.34	88.00	792535	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	410.52	87.34	88.00	792533	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	410.77	87.34	88.00	792532	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	411.02	87.34	88.00	792530	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	411.27	87.34	88.00	792529	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	411.52	87.34	88.00	792527	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	411.77	87.34	88.00	792526	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	412.02	87.34	88.00	792524	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	412.27	87.34	88.00	792523	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	412.52	87.34	88.00	792521	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	412.77	87.34	88.00	792520	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	413.02	87.34	88.00	792518	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	413.27	87.34	88.00	792517	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	413.52	87.34	88.00	792515	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	413.77	87.34	88.00	792514	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	414.02	87.33	88.00	792512	0.00	0.19	41.7	35.6
fdot100y10d	P100	BASE	414.27	87.33	88.00	792511	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	414.52	87.33	88.00	792509	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	414.77	87.33	88.00	792508	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	415.02	87.33	88.00	792506	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	415.27	87.33	88.00	792505	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	415.52	87.33	88.00	792503	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	415.77	87.33	88.00	792502	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	416.02	87.33	88.00	792500	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	416.27	87.33	88.00	792499	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	416.52	87.33	88.00	792497	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	416.77	87.33	88.00	792496	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	417.02	87.33	88.00	792494	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	417.27	87.33	88.00	792493	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	417.52	87.33	88.00	792491	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	417.77	87.33	88.00	792490	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	418.02	87.33	88.00	792488	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	418.27	87.33	88.00	792487	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	418.52	87.33	88.00	792485	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	418.77	87.33	88.00	792484	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	419.02	87.33	88.00	792482	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	419.27	87.33	88.00	792481	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	419.52	87.33	88.00	792479	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	419.77	87.33	88.00	792478	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	420.02	87.33	88.00	792477	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	420.27	87.33	88.00	792475	0.00	0.19	41.7	35.7
fdot100y10d	P100	BASE	420.52	87.33	88.00	792474	0.00	0.19	41.7	35.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	420.77	87.33	88.00	792472	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	421.02	87.33	88.00	792471	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	421.27	87.33	88.00	792469	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	421.52	87.33	88.00	792468	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	421.77	87.33	88.00	792466	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	422.02	87.33	88.00	792465	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	422.27	87.33	88.00	792463	0.00	0.19	41.7	35.8
fdot100y10d	P100	BASE	422.52	87.33	88.00	792462	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	422.77	87.33	88.00	792460	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	423.02	87.33	88.00	792459	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	423.27	87.33	88.00	792457	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	423.52	87.33	88.00	792456	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	423.77	87.33	88.00	792455	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	424.02	87.33	88.00	792453	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	424.27	87.33	88.00	792452	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	424.52	87.33	88.00	792450	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	424.77	87.33	88.00	792449	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	425.02	87.33	88.00	792447	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	425.27	87.33	88.00	792446	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	425.52	87.33	88.00	792444	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	425.77	87.32	88.00	792443	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	426.02	87.32	88.00	792441	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	426.27	87.32	88.00	792440	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	426.52	87.32	88.00	792439	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	426.77	87.32	88.00	792437	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	427.02	87.32	88.00	792436	0.00	0.18	41.7	35.8
fdot100y10d	P100	BASE	427.27	87.32	88.00	792434	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	427.52	87.32	88.00	792433	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	427.77	87.32	88.00	792431	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	428.02	87.32	88.00	792430	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	428.27	87.32	88.00	792428	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	428.52	87.32	88.00	792427	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	428.77	87.32	88.00	792426	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	429.02	87.32	88.00	792424	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	429.27	87.32	88.00	792423	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	429.52	87.32	88.00	792421	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	429.77	87.32	88.00	792420	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	430.02	87.32	88.00	792418	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	430.27	87.32	88.00	792417	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	430.52	87.32	88.00	792415	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	430.77	87.32	88.00	792414	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	431.02	87.32	88.00	792413	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	431.27	87.32	88.00	792411	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	431.52	87.32	88.00	792410	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	431.77	87.32	88.00	792408	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	432.02	87.32	88.00	792407	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	432.27	87.32	88.00	792405	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	432.52	87.32	88.00	792404	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	432.77	87.32	88.00	792403	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	433.02	87.32	88.00	792401	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	433.27	87.32	88.00	792400	0.00	0.18	41.7	35.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	433.52	87.32	88.00	792398	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	433.77	87.32	88.00	792397	0.00	0.18	41.7	35.9
fdot100y10d	P100	BASE	434.02	87.32	88.00	792395	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	434.27	87.32	88.00	792394	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	434.52	87.32	88.00	792393	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	434.77	87.32	88.00	792391	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	435.02	87.32	88.00	792390	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	435.27	87.32	88.00	792388	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	435.52	87.32	88.00	792387	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	435.77	87.32	88.00	792386	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	436.02	87.32	88.00	792384	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	436.27	87.32	88.00	792383	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	436.52	87.32	88.00	792381	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	436.77	87.32	88.00	792380	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	437.02	87.32	88.00	792378	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	437.27	87.32	88.00	792377	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	437.52	87.32	88.00	792376	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	437.77	87.32	88.00	792374	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	438.02	87.31	88.00	792373	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	438.27	87.31	88.00	792371	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	438.52	87.31	88.00	792370	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	438.77	87.31	88.00	792369	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	439.02	87.31	88.00	792367	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	439.27	87.31	88.00	792366	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	439.52	87.31	88.00	792364	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	439.77	87.31	88.00	792363	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	440.02	87.31	88.00	792362	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	440.27	87.31	88.00	792360	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	440.52	87.31	88.00	792359	0.00	0.18	41.7	36.0
fdot100y10d	P100	BASE	440.77	87.31	88.00	792357	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	441.02	87.31	88.00	792356	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	441.27	87.31	88.00	792355	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	441.52	87.31	88.00	792353	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	441.77	87.31	88.00	792352	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	442.02	87.31	88.00	792350	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	442.27	87.31	88.00	792349	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	442.52	87.31	88.00	792348	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	442.77	87.31	88.00	792346	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	443.02	87.31	88.00	792345	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	443.27	87.31	88.00	792343	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	443.52	87.31	88.00	792342	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	443.77	87.31	88.00	792341	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	444.02	87.31	88.00	792339	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	444.27	87.31	88.00	792338	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	444.52	87.31	88.00	792337	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	444.77	87.31	88.00	792335	0.00	0.18	41.7	36.1
fdot100y10d	P100	BASE	445.02	87.31	88.00	792334	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	445.27	87.31	88.00	792332	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	445.52	87.31	88.00	792331	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	445.77	87.31	88.00	792330	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	446.02	87.31	88.00	792328	0.00	0.17	41.7	36.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	446.27	87.31	88.00	792327	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	446.52	87.31	88.00	792325	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	446.77	87.31	88.00	792324	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	447.02	87.31	88.00	792323	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	447.27	87.31	88.00	792321	0.00	0.17	41.7	36.1
fdot100y10d	P100	BASE	447.52	87.31	88.00	792320	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	447.77	87.31	88.00	792319	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	448.02	87.31	88.00	792317	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	448.27	87.31	88.00	792316	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	448.52	87.31	88.00	792314	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	448.77	87.31	88.00	792313	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	449.02	87.31	88.00	792312	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	449.27	87.31	88.00	792310	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	449.52	87.31	88.00	792309	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	449.77	87.31	88.00	792308	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	450.02	87.31	88.00	792306	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	450.27	87.31	88.00	792305	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	450.52	87.30	88.00	792303	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	450.77	87.30	88.00	792302	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	451.02	87.30	88.00	792301	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	451.27	87.30	88.00	792299	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	451.52	87.30	88.00	792298	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	451.77	87.30	88.00	792297	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	452.02	87.30	88.00	792295	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	452.27	87.30	88.00	792294	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	452.52	87.30	88.00	792293	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	452.77	87.30	88.00	792291	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	453.02	87.30	88.00	792290	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	453.27	87.30	88.00	792288	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	453.52	87.30	88.00	792287	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	453.77	87.30	88.00	792286	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	454.02	87.30	88.00	792284	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	454.27	87.30	88.00	792283	0.00	0.17	41.7	36.2
fdot100y10d	P100	BASE	454.52	87.30	88.00	792282	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	454.77	87.30	88.00	792280	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	455.02	87.30	88.00	792279	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	455.27	87.30	88.00	792278	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	455.52	87.30	88.00	792276	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	455.77	87.30	88.00	792275	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	456.02	87.30	88.00	792274	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	456.27	87.30	88.00	792272	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	456.52	87.30	88.00	792271	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	456.77	87.30	88.00	792270	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	457.02	87.30	88.00	792268	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	457.27	87.30	88.00	792267	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	457.52	87.30	88.00	792266	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	457.77	87.30	88.00	792264	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	458.02	87.30	88.00	792263	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	458.27	87.30	88.00	792261	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	458.52	87.30	88.00	792260	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	458.77	87.30	88.00	792259	0.00	0.17	41.7	36.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	459.02	87.30	88.00	792257	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	459.27	87.30	88.00	792256	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	459.52	87.30	88.00	792255	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	459.77	87.30	88.00	792253	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	460.02	87.30	88.00	792252	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	460.27	87.30	88.00	792251	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	460.52	87.30	88.00	792249	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	460.77	87.30	88.00	792248	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	461.02	87.30	88.00	792247	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	461.27	87.30	88.00	792245	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	461.52	87.30	88.00	792244	0.00	0.17	41.7	36.3
fdot100y10d	P100	BASE	461.77	87.30	88.00	792243	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	462.02	87.30	88.00	792241	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	462.27	87.30	88.00	792240	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	462.52	87.30	88.00	792239	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	462.77	87.30	88.00	792237	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	463.02	87.30	88.00	792236	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	463.27	87.30	88.00	792235	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	463.52	87.29	88.00	792233	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	463.77	87.29	88.00	792232	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	464.02	87.29	88.00	792231	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	464.27	87.29	88.00	792229	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	464.52	87.29	88.00	792228	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	464.77	87.29	88.00	792227	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	465.02	87.29	88.00	792225	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	465.27	87.29	88.00	792224	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	465.52	87.29	88.00	792223	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	465.77	87.29	88.00	792222	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	466.02	87.29	88.00	792220	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	466.27	87.29	88.00	792219	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	466.52	87.29	88.00	792218	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	466.77	87.29	88.00	792216	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	467.02	87.29	88.00	792215	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	467.27	87.29	88.00	792214	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	467.52	87.29	88.00	792212	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	467.77	87.29	88.00	792211	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	468.02	87.29	88.00	792210	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	468.27	87.29	88.00	792208	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	468.52	87.29	88.00	792207	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	468.77	87.29	88.00	792206	0.00	0.17	41.7	36.4
fdot100y10d	P100	BASE	469.02	87.29	88.00	792204	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	469.27	87.29	88.00	792203	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	469.52	87.29	88.00	792202	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	469.77	87.29	88.00	792200	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	470.02	87.29	88.00	792199	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	470.27	87.29	88.00	792198	0.00	0.17	41.7	36.5
fdot100y10d	P100	BASE	470.52	87.29	88.00	792197	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	470.77	87.29	88.00	792195	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	471.02	87.29	88.00	792194	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	471.27	87.29	88.00	792193	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	471.52	87.29	88.00	792191	0.00	0.16	41.7	36.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	471.77	87.29	88.00	792190	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	472.02	87.29	88.00	792189	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	472.27	87.29	88.00	792187	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	472.52	87.29	88.00	792186	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	472.77	87.29	88.00	792185	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	473.02	87.29	88.00	792184	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	473.27	87.29	88.00	792182	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	473.52	87.29	88.00	792181	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	473.77	87.29	88.00	792180	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	474.02	87.29	88.00	792178	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	474.27	87.29	88.00	792177	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	474.52	87.29	88.00	792176	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	474.77	87.29	88.00	792174	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	475.02	87.29	88.00	792173	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	475.27	87.29	88.00	792172	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	475.52	87.29	88.00	792171	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	475.77	87.29	88.00	792169	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	476.02	87.29	88.00	792168	0.00	0.16	41.7	36.5
fdot100y10d	P100	BASE	476.27	87.29	88.00	792167	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	476.52	87.29	88.00	792165	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	476.77	87.28	88.00	792164	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	477.02	87.28	88.00	792163	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	477.27	87.28	88.00	792162	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	477.52	87.28	88.00	792160	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	477.77	87.28	88.00	792159	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	478.02	87.28	88.00	792158	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	478.27	87.28	88.00	792156	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	478.52	87.28	88.00	792155	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	478.77	87.28	88.00	792154	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	479.02	87.28	88.00	792153	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	479.27	87.28	88.00	792151	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	479.52	87.28	88.00	792150	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	479.77	87.28	88.00	792149	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	480.02	87.28	88.00	792147	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	480.27	87.28	88.00	792146	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	480.52	87.28	88.00	792145	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	480.77	87.28	88.00	792144	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	481.02	87.28	88.00	792142	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	481.27	87.28	88.00	792141	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	481.52	87.28	88.00	792140	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	481.77	87.28	88.00	792138	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	482.02	87.28	88.00	792137	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	482.27	87.28	88.00	792136	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	482.52	87.28	88.00	792135	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	482.77	87.28	88.00	792133	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	483.02	87.28	88.00	792132	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	483.27	87.28	88.00	792131	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	483.52	87.28	88.00	792130	0.00	0.16	41.7	36.6
fdot100y10d	P100	BASE	483.77	87.28	88.00	792128	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	484.02	87.28	88.00	792127	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	484.27	87.28	88.00	792126	0.00	0.16	41.7	36.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	484.52	87.28	88.00	792125	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	484.77	87.28	88.00	792123	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	485.02	87.28	88.00	792122	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	485.27	87.28	88.00	792121	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	485.52	87.28	88.00	792119	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	485.77	87.28	88.00	792118	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	486.02	87.28	88.00	792117	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	486.27	87.28	88.00	792116	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	486.52	87.28	88.00	792114	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	486.77	87.28	88.00	792113	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	487.02	87.28	88.00	792112	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	487.27	87.28	88.00	792111	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	487.52	87.28	88.00	792109	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	487.77	87.28	88.00	792108	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	488.02	87.28	88.00	792107	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	488.27	87.28	88.00	792106	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	488.52	87.28	88.00	792104	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	488.77	87.28	88.00	792103	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	489.02	87.28	88.00	792102	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	489.27	87.28	88.00	792101	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	489.52	87.28	88.00	792099	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	489.77	87.28	88.00	792098	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	490.02	87.28	88.00	792097	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	490.27	87.28	88.00	792096	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	490.52	87.27	88.00	792094	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	490.77	87.27	88.00	792093	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	491.02	87.27	88.00	792092	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	491.27	87.27	88.00	792091	0.00	0.16	41.7	36.7
fdot100y10d	P100	BASE	491.52	87.27	88.00	792089	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	491.77	87.27	88.00	792088	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	492.02	87.27	88.00	792087	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	492.27	87.27	88.00	792086	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	492.52	87.27	88.00	792084	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	492.77	87.27	88.00	792083	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	493.02	87.27	88.00	792082	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	493.27	87.27	88.00	792081	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	493.52	87.27	88.00	792079	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	493.77	87.27	88.00	792078	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	494.02	87.27	88.00	792077	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	494.27	87.27	88.00	792076	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	494.52	87.27	88.00	792074	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	494.77	87.27	88.00	792073	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	495.02	87.27	88.00	792072	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	495.27	87.27	88.00	792071	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	495.52	87.27	88.00	792069	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	495.77	87.27	88.00	792068	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	496.02	87.27	88.00	792067	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	496.27	87.27	88.00	792066	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	496.52	87.27	88.00	792064	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	496.77	87.27	88.00	792063	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	497.02	87.27	88.00	792062	0.00	0.16	41.7	36.8

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	497.27	87.27	88.00	792061	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	497.52	87.27	88.00	792060	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	497.77	87.27	88.00	792058	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	498.02	87.27	88.00	792057	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	498.27	87.27	88.00	792056	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	498.52	87.27	88.00	792055	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	498.77	87.27	88.00	792053	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	499.02	87.27	88.00	792052	0.00	0.16	41.7	36.8
fdot100y10d	P100	BASE	499.27	87.27	88.00	792051	0.00	0.16	41.7	36.9
fdot100y10d	P100	BASE	499.52	87.27	88.00	792050	0.00	0.16	41.7	36.9
fdot100y10d	P100	BASE	499.77	87.27	88.00	792048	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	500.02	87.27	88.00	792047	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	500.27	87.27	88.00	792046	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	500.52	87.27	88.00	792045	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	500.77	87.27	88.00	792044	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	501.02	87.27	88.00	792042	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	501.27	87.27	88.00	792041	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	501.52	87.27	88.00	792040	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	501.77	87.27	88.00	792039	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	502.02	87.27	88.00	792037	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	502.27	87.27	88.00	792036	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	502.52	87.27	88.00	792035	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	502.77	87.27	88.00	792034	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	503.02	87.27	88.00	792033	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	503.27	87.27	88.00	792031	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	503.52	87.27	88.00	792030	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	503.77	87.27	88.00	792029	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	504.02	87.27	88.00	792028	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	504.27	87.27	88.00	792026	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	504.52	87.26	88.00	792025	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	504.77	87.26	88.00	792024	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	505.02	87.26	88.00	792023	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	505.27	87.26	88.00	792022	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	505.52	87.26	88.00	792020	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	505.77	87.26	88.00	792019	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	506.02	87.26	88.00	792018	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	506.27	87.26	88.00	792017	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	506.52	87.26	88.00	792016	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	506.77	87.26	88.00	792014	0.00	0.15	41.7	36.9
fdot100y10d	P100	BASE	507.02	87.26	88.00	792013	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	507.27	87.26	88.00	792012	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	507.52	87.26	88.00	792011	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	507.77	87.26	88.00	792009	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	508.02	87.26	88.00	792008	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	508.27	87.26	88.00	792007	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	508.52	87.26	88.00	792006	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	508.77	87.26	88.00	792005	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	509.02	87.26	88.00	792003	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	509.27	87.26	88.00	792002	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	509.52	87.26	88.00	792001	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	509.77	87.26	88.00	792000	0.00	0.15	41.7	37.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	510.02	87.26	88.00	791999	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	510.27	87.26	88.00	791997	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	510.52	87.26	88.00	791996	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	510.77	87.26	88.00	791995	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	511.02	87.26	88.00	791994	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	511.27	87.26	88.00	791993	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	511.52	87.26	88.00	791991	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	511.77	87.26	88.00	791990	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	512.02	87.26	88.00	791989	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	512.27	87.26	88.00	791988	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	512.52	87.26	88.00	791987	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	512.77	87.26	88.00	791985	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	513.02	87.26	88.00	791984	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	513.27	87.26	88.00	791983	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	513.52	87.26	88.00	791982	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	513.77	87.26	88.00	791981	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	514.02	87.26	88.00	791979	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	514.27	87.26	88.00	791978	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	514.52	87.26	88.00	791977	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	514.77	87.26	88.00	791976	0.00	0.15	41.7	37.0
fdot100y10d	P100	BASE	515.02	87.26	88.00	791975	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	515.27	87.26	88.00	791974	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	515.52	87.26	88.00	791972	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	515.77	87.26	88.00	791971	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	516.02	87.26	88.00	791970	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	516.27	87.26	88.00	791969	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	516.52	87.26	88.00	791968	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	516.77	87.26	88.00	791966	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	517.02	87.26	88.00	791965	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	517.27	87.26	88.00	791964	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	517.52	87.26	88.00	791963	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	517.77	87.26	88.00	791962	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	518.02	87.26	88.00	791960	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	518.27	87.26	88.00	791959	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	518.52	87.26	88.00	791958	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	518.77	87.26	88.00	791957	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	519.02	87.26	88.00	791956	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	519.27	87.25	88.00	791955	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	519.52	87.25	88.00	791953	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	519.77	87.25	88.00	791952	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	520.02	87.25	88.00	791951	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	520.27	87.25	88.00	791950	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	520.52	87.25	88.00	791949	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	520.77	87.25	88.00	791947	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	521.02	87.25	88.00	791946	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	521.27	87.25	88.00	791945	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	521.52	87.25	88.00	791944	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	521.77	87.25	88.00	791943	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	522.02	87.25	88.00	791942	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	522.27	87.25	88.00	791940	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	522.52	87.25	88.00	791939	0.00	0.15	41.7	37.1

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	522.77	87.25	88.00	791938	0.00	0.15	41.7	37.1
fdot100y10d	P100	BASE	523.02	87.25	88.00	791937	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	523.27	87.25	88.00	791936	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	523.52	87.25	88.00	791935	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	523.77	87.25	88.00	791933	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	524.02	87.25	88.00	791932	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	524.27	87.25	88.00	791931	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	524.52	87.25	88.00	791930	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	524.77	87.25	88.00	791929	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	525.02	87.25	88.00	791928	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	525.27	87.25	88.00	791926	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	525.52	87.25	88.00	791925	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	525.77	87.25	88.00	791924	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	526.02	87.25	88.00	791923	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	526.27	87.25	88.00	791922	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	526.52	87.25	88.00	791921	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	526.77	87.25	88.00	791919	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	527.02	87.25	88.00	791918	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	527.27	87.25	88.00	791917	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	527.52	87.25	88.00	791916	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	527.77	87.25	88.00	791915	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	528.02	87.25	88.00	791914	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	528.27	87.25	88.00	791912	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	528.52	87.25	88.00	791911	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	528.77	87.25	88.00	791910	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	529.02	87.25	88.00	791909	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	529.27	87.25	88.00	791908	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	529.52	87.25	88.00	791907	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	529.77	87.25	88.00	791905	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	530.02	87.25	88.00	791904	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	530.27	87.25	88.00	791903	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	530.52	87.25	88.00	791902	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	530.77	87.25	88.00	791901	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	531.02	87.25	88.00	791900	0.00	0.15	41.7	37.2
fdot100y10d	P100	BASE	531.27	87.25	88.00	791899	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	531.52	87.25	88.00	791897	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	531.77	87.25	88.00	791896	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	532.02	87.25	88.00	791895	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	532.27	87.25	88.00	791894	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	532.52	87.25	88.00	791893	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	532.77	87.25	88.00	791892	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	533.02	87.25	88.00	791890	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	533.27	87.25	88.00	791889	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	533.52	87.25	88.00	791888	0.00	0.15	41.7	37.3
fdot100y10d	P100	BASE	533.77	87.25	88.00	791887	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	534.02	87.24	88.00	791886	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	534.27	87.24	88.00	791885	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	534.52	87.24	88.00	791884	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	534.77	87.24	88.00	791882	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	535.02	87.24	88.00	791881	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	535.27	87.24	88.00	791880	0.00	0.14	41.7	37.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	535.52	87.24	88.00	791879	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	535.77	87.24	88.00	791878	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	536.02	87.24	88.00	791877	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	536.27	87.24	88.00	791876	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	536.52	87.24	88.00	791874	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	536.77	87.24	88.00	791873	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	537.02	87.24	88.00	791872	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	537.27	87.24	88.00	791871	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	537.52	87.24	88.00	791870	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	537.77	87.24	88.00	791869	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	538.02	87.24	88.00	791868	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	538.27	87.24	88.00	791866	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	538.52	87.24	88.00	791865	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	538.77	87.24	88.00	791864	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	539.02	87.24	88.00	791863	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	539.27	87.24	88.00	791862	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	539.52	87.24	88.00	791861	0.00	0.14	41.7	37.3
fdot100y10d	P100	BASE	539.77	87.24	88.00	791860	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	540.02	87.24	88.00	791858	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	540.27	87.24	88.00	791857	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	540.52	87.24	88.00	791856	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	540.77	87.24	88.00	791855	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	541.02	87.24	88.00	791854	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	541.27	87.24	88.00	791853	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	541.52	87.24	88.00	791852	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	541.77	87.24	88.00	791851	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	542.02	87.24	88.00	791849	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	542.27	87.24	88.00	791848	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	542.52	87.24	88.00	791847	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	542.77	87.24	88.00	791846	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	543.02	87.24	88.00	791845	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	543.27	87.24	88.00	791844	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	543.52	87.24	88.00	791843	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	543.77	87.24	88.00	791842	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	544.02	87.24	88.00	791840	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	544.27	87.24	88.00	791839	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	544.52	87.24	88.00	791838	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	544.77	87.24	88.00	791837	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	545.02	87.24	88.00	791836	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	545.27	87.24	88.00	791835	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	545.52	87.24	88.00	791834	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	545.77	87.24	88.00	791833	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	546.02	87.24	88.00	791831	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	546.27	87.24	88.00	791830	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	546.52	87.24	88.00	791829	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	546.77	87.24	88.00	791828	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	547.02	87.24	88.00	791827	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	547.27	87.24	88.00	791826	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	547.52	87.24	88.00	791825	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	547.77	87.24	88.00	791824	0.00	0.14	41.7	37.4
fdot100y10d	P100	BASE	548.02	87.24	88.00	791822	0.00	0.14	41.7	37.4

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	548.27	87.24	88.00	791821	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	548.52	87.24	88.00	791820	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	548.77	87.24	88.00	791819	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	549.02	87.24	88.00	791818	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	549.27	87.24	88.00	791817	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	549.52	87.23	88.00	791816	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	549.77	87.23	88.00	791815	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	550.02	87.23	88.00	791814	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	550.27	87.23	88.00	791812	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	550.52	87.23	88.00	791811	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	550.77	87.23	88.00	791810	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	551.02	87.23	88.00	791809	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	551.27	87.23	88.00	791808	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	551.52	87.23	88.00	791807	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	551.77	87.23	88.00	791806	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	552.02	87.23	88.00	791805	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	552.27	87.23	88.00	791804	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	552.52	87.23	88.00	791802	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	552.77	87.23	88.00	791801	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	553.02	87.23	88.00	791800	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	553.27	87.23	88.00	791799	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	553.52	87.23	88.00	791798	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	553.77	87.23	88.00	791797	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	554.02	87.23	88.00	791796	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	554.27	87.23	88.00	791795	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	554.52	87.23	88.00	791794	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	554.77	87.23	88.00	791792	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	555.02	87.23	88.00	791791	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	555.27	87.23	88.00	791790	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	555.52	87.23	88.00	791789	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	555.77	87.23	88.00	791788	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	556.02	87.23	88.00	791787	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	556.27	87.23	88.00	791786	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	556.52	87.23	88.00	791785	0.00	0.14	41.7	37.5
fdot100y10d	P100	BASE	556.77	87.23	88.00	791784	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	557.02	87.23	88.00	791783	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	557.27	87.23	88.00	791781	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	557.52	87.23	88.00	791780	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	557.77	87.23	88.00	791779	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	558.02	87.23	88.00	791778	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	558.27	87.23	88.00	791777	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	558.52	87.23	88.00	791776	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	558.77	87.23	88.00	791775	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	559.02	87.23	88.00	791774	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	559.27	87.23	88.00	791773	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	559.52	87.23	88.00	791772	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	559.77	87.23	88.00	791770	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	560.02	87.23	88.00	791769	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	560.27	87.23	88.00	791768	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	560.52	87.23	88.00	791767	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	560.77	87.23	88.00	791766	0.00	0.14	41.7	37.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	561.02	87.23	88.00	791765	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	561.27	87.23	88.00	791764	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	561.52	87.23	88.00	791763	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	561.77	87.23	88.00	791762	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	562.02	87.23	88.00	791761	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	562.27	87.23	88.00	791760	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	562.52	87.23	88.00	791758	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	562.77	87.23	88.00	791757	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	563.02	87.23	88.00	791756	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	563.27	87.23	88.00	791755	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	563.52	87.23	88.00	791754	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	563.77	87.23	88.00	791753	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	564.02	87.23	88.00	791752	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	564.27	87.23	88.00	791751	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	564.52	87.23	88.00	791750	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	564.77	87.23	88.00	791749	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	565.02	87.23	88.00	791748	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	565.27	87.22	88.00	791746	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	565.52	87.22	88.00	791745	0.00	0.14	41.7	37.6
fdot100y10d	P100	BASE	565.77	87.22	88.00	791744	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	566.02	87.22	88.00	791743	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	566.27	87.22	88.00	791742	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	566.52	87.22	88.00	791741	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	566.77	87.22	88.00	791740	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	567.02	87.22	88.00	791739	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	567.27	87.22	88.00	791738	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	567.52	87.22	88.00	791737	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	567.77	87.22	88.00	791736	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	568.02	87.22	88.00	791735	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	568.27	87.22	88.00	791734	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	568.52	87.22	88.00	791732	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	568.77	87.22	88.00	791731	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	569.02	87.22	88.00	791730	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	569.27	87.22	88.00	791729	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	569.52	87.22	88.00	791728	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	569.77	87.22	88.00	791727	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	570.02	87.22	88.00	791726	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	570.27	87.22	88.00	791725	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	570.52	87.22	88.00	791724	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	570.77	87.22	88.00	791723	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	571.02	87.22	88.00	791722	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	571.27	87.22	88.00	791721	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	571.52	87.22	88.00	791720	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	571.77	87.22	88.00	791718	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	572.02	87.22	88.00	791717	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	572.27	87.22	88.00	791716	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	572.52	87.22	88.00	791715	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	572.77	87.22	88.00	791714	0.00	0.14	41.7	37.7
fdot100y10d	P100	BASE	573.02	87.22	88.00	791713	0.00	0.13	41.7	37.7
fdot100y10d	P100	BASE	573.27	87.22	88.00	791712	0.00	0.13	41.7	37.7
fdot100y10d	P100	BASE	573.52	87.22	88.00	791711	0.00	0.13	41.7	37.7

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	573.77	87.22	88.00	791710	0.00	0.13	41.7	37.7
fdot100y10d	P100	BASE	574.02	87.22	88.00	791709	0.00	0.13	41.7	37.7
fdot100y10d	P100	BASE	574.27	87.22	88.00	791708	0.00	0.13	41.7	37.7
fdot100y10d	P100	BASE	574.52	87.22	88.00	791707	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	574.77	87.22	88.00	791706	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	575.02	87.22	88.00	791705	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	575.27	87.22	88.00	791704	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	575.52	87.22	88.00	791702	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	575.77	87.22	88.00	791701	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	576.02	87.22	88.00	791700	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	576.27	87.22	88.00	791699	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	576.52	87.22	88.00	791698	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	576.77	87.22	88.00	791697	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	577.02	87.22	88.00	791696	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	577.27	87.22	88.00	791695	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	577.52	87.22	88.00	791694	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	577.77	87.22	88.00	791693	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	578.02	87.22	88.00	791692	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	578.27	87.22	88.00	791691	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	578.52	87.22	88.00	791690	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	578.77	87.22	88.00	791689	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	579.02	87.22	88.00	791688	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	579.27	87.22	88.00	791687	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	579.52	87.22	88.00	791685	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	579.77	87.22	88.00	791684	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	580.02	87.22	88.00	791683	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	580.27	87.22	88.00	791682	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	580.52	87.22	88.00	791681	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	580.77	87.22	88.00	791680	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	581.02	87.22	88.00	791679	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	581.27	87.22	88.00	791678	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	581.52	87.22	88.00	791677	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	581.77	87.21	88.00	791676	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	582.02	87.21	88.00	791675	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	582.27	87.21	88.00	791674	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	582.52	87.21	88.00	791673	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	582.77	87.21	88.00	791672	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	583.02	87.21	88.00	791671	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	583.27	87.21	88.00	791670	0.00	0.13	41.7	37.8
fdot100y10d	P100	BASE	583.52	87.21	88.00	791669	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	583.77	87.21	88.00	791668	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	584.02	87.21	88.00	791666	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	584.27	87.21	88.00	791665	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	584.52	87.21	88.00	791664	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	584.77	87.21	88.00	791663	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	585.02	87.21	88.00	791662	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	585.27	87.21	88.00	791661	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	585.52	87.21	88.00	791660	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	585.77	87.21	88.00	791659	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	586.02	87.21	88.00	791658	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	586.27	87.21	88.00	791657	0.00	0.13	41.7	37.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	586.52	87.21	88.00	791656	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	586.77	87.21	88.00	791655	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	587.02	87.21	88.00	791654	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	587.27	87.21	88.00	791653	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	587.52	87.21	88.00	791652	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	587.77	87.21	88.00	791651	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	588.02	87.21	88.00	791650	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	588.27	87.21	88.00	791649	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	588.52	87.21	88.00	791648	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	588.77	87.21	88.00	791647	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	589.02	87.21	88.00	791646	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	589.27	87.21	88.00	791645	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	589.52	87.21	88.00	791644	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	589.77	87.21	88.00	791642	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	590.02	87.21	88.00	791641	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	590.27	87.21	88.00	791640	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	590.52	87.21	88.00	791639	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	590.77	87.21	88.00	791638	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	591.02	87.21	88.00	791637	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	591.27	87.21	88.00	791636	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	591.52	87.21	88.00	791635	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	591.77	87.21	88.00	791634	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	592.02	87.21	88.00	791633	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	592.27	87.21	88.00	791632	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	592.52	87.21	88.00	791631	0.00	0.13	41.7	37.9
fdot100y10d	P100	BASE	592.77	87.21	88.00	791630	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	593.02	87.21	88.00	791629	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	593.27	87.21	88.00	791628	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	593.52	87.21	88.00	791627	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	593.77	87.21	88.00	791626	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	594.02	87.21	88.00	791625	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	594.27	87.21	88.00	791624	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	594.52	87.21	88.00	791623	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	594.77	87.21	88.00	791622	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	595.02	87.21	88.00	791621	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	595.27	87.21	88.00	791620	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	595.52	87.21	88.00	791619	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	595.77	87.21	88.00	791618	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	596.02	87.21	88.00	791617	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	596.27	87.21	88.00	791616	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	596.52	87.21	88.00	791615	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	596.77	87.21	88.00	791614	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	597.02	87.21	88.00	791612	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	597.27	87.21	88.00	791611	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	597.52	87.21	88.00	791610	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	597.77	87.21	88.00	791609	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	598.02	87.21	88.00	791608	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	598.27	87.21	88.00	791607	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	598.52	87.20	88.00	791606	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	598.77	87.20	88.00	791605	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	599.02	87.20	88.00	791604	0.00	0.13	41.7	38.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	599.27	87.20	88.00	791603	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	599.52	87.20	88.00	791602	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	599.77	87.20	88.00	791601	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	600.02	87.20	88.00	791600	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	600.27	87.20	88.00	791599	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	600.52	87.20	88.00	791598	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	600.77	87.20	88.00	791597	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	601.02	87.20	88.00	791596	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	601.27	87.20	88.00	791595	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	601.52	87.20	88.00	791594	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	601.77	87.20	88.00	791593	0.00	0.13	41.7	38.0
fdot100y10d	P100	BASE	602.02	87.20	88.00	791592	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	602.27	87.20	88.00	791591	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	602.52	87.20	88.00	791590	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	602.77	87.20	88.00	791589	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	603.02	87.20	88.00	791588	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	603.27	87.20	88.00	791587	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	603.52	87.20	88.00	791586	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	603.77	87.20	88.00	791585	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	604.02	87.20	88.00	791584	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	604.27	87.20	88.00	791583	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	604.52	87.20	88.00	791582	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	604.77	87.20	88.00	791581	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	605.02	87.20	88.00	791580	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	605.27	87.20	88.00	791579	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	605.52	87.20	88.00	791578	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	605.77	87.20	88.00	791577	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	606.02	87.20	88.00	791576	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	606.27	87.20	88.00	791575	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	606.52	87.20	88.00	791574	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	606.77	87.20	88.00	791573	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	607.02	87.20	88.00	791572	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	607.27	87.20	88.00	791571	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	607.52	87.20	88.00	791570	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	607.77	87.20	88.00	791569	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	608.02	87.20	88.00	791568	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	608.27	87.20	88.00	791567	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	608.52	87.20	88.00	791566	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	608.77	87.20	88.00	791565	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	609.02	87.20	88.00	791564	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	609.27	87.20	88.00	791563	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	609.52	87.20	88.00	791562	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	609.77	87.20	88.00	791561	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	610.02	87.20	88.00	791560	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	610.27	87.20	88.00	791559	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	610.52	87.20	88.00	791558	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	610.77	87.20	88.00	791557	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	611.02	87.20	88.00	791556	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	611.27	87.20	88.00	791555	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	611.52	87.20	88.00	791554	0.00	0.13	41.7	38.1
fdot100y10d	P100	BASE	611.77	87.20	88.00	791553	0.00	0.13	41.7	38.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	612.02	87.20	88.00	791552	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	612.27	87.20	88.00	791551	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	612.52	87.20	88.00	791550	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	612.77	87.20	88.00	791549	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	613.02	87.20	88.00	791548	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	613.27	87.20	88.00	791547	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	613.52	87.20	88.00	791546	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	613.77	87.20	88.00	791545	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	614.02	87.20	88.00	791544	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	614.27	87.20	88.00	791543	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	614.52	87.20	88.00	791542	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	614.77	87.20	88.00	791541	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	615.02	87.20	88.00	791540	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	615.27	87.20	88.00	791539	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	615.52	87.20	88.00	791538	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	615.77	87.19	88.00	791537	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	616.02	87.19	88.00	791536	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	616.27	87.19	88.00	791535	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	616.52	87.19	88.00	791534	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	616.77	87.19	88.00	791533	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	617.02	87.19	88.00	791532	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	617.27	87.19	88.00	791531	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	617.52	87.19	88.00	791530	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	617.77	87.19	88.00	791529	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	618.02	87.19	88.00	791528	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	618.27	87.19	88.00	791527	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	618.52	87.19	88.00	791526	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	618.77	87.19	88.00	791525	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	619.02	87.19	88.00	791524	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	619.27	87.19	88.00	791523	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	619.52	87.19	88.00	791522	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	619.77	87.19	88.00	791521	0.00	0.13	41.7	38.2
fdot100y10d	P100	BASE	620.02	87.19	88.00	791520	0.00	0.12	41.7	38.2
fdot100y10d	P100	BASE	620.27	87.19	88.00	791519	0.00	0.12	41.7	38.2
fdot100y10d	P100	BASE	620.52	87.19	88.00	791518	0.00	0.12	41.7	38.2
fdot100y10d	P100	BASE	620.77	87.19	88.00	791517	0.00	0.12	41.7	38.2
fdot100y10d	P100	BASE	621.02	87.19	88.00	791516	0.00	0.12	41.7	38.2
fdot100y10d	P100	BASE	621.27	87.19	88.00	791515	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	621.52	87.19	88.00	791514	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	621.77	87.19	88.00	791513	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	622.02	87.19	88.00	791512	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	622.27	87.19	88.00	791511	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	622.52	87.19	88.00	791510	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	622.77	87.19	88.00	791509	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	623.02	87.19	88.00	791508	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	623.27	87.19	88.00	791507	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	623.52	87.19	88.00	791506	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	623.77	87.19	88.00	791505	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	624.02	87.19	88.00	791504	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	624.27	87.19	88.00	791503	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	624.52	87.19	88.00	791502	0.00	0.12	41.7	38.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	624.77	87.19	88.00	791501	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	625.02	87.19	88.00	791500	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	625.27	87.19	88.00	791499	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	625.52	87.19	88.00	791498	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	625.77	87.19	88.00	791497	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	626.02	87.19	88.00	791496	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	626.27	87.19	88.00	791495	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	626.52	87.19	88.00	791494	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	626.77	87.19	88.00	791493	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	627.02	87.19	88.00	791492	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	627.27	87.19	88.00	791491	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	627.52	87.19	88.00	791490	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	627.77	87.19	88.00	791489	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	628.02	87.19	88.00	791488	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	628.27	87.19	88.00	791487	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	628.52	87.19	88.00	791486	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	628.77	87.19	88.00	791485	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	629.02	87.19	88.00	791484	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	629.27	87.19	88.00	791483	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	629.52	87.19	88.00	791482	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	629.77	87.19	88.00	791481	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	630.02	87.19	88.00	791480	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	630.27	87.19	88.00	791479	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	630.52	87.19	88.00	791478	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	630.77	87.19	88.00	791477	0.00	0.12	41.7	38.3
fdot100y10d	P100	BASE	631.02	87.19	88.00	791476	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	631.27	87.19	88.00	791476	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	631.52	87.19	88.00	791475	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	631.77	87.19	88.00	791474	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	632.02	87.19	88.00	791473	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	632.27	87.19	88.00	791472	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	632.52	87.19	88.00	791471	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	632.77	87.19	88.00	791470	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	633.02	87.19	88.00	791469	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	633.27	87.18	88.00	791468	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	633.52	87.18	88.00	791467	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	633.77	87.18	88.00	791466	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	634.02	87.18	88.00	791465	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	634.27	87.18	88.00	791464	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	634.52	87.18	88.00	791463	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	634.77	87.18	88.00	791462	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	635.02	87.18	88.00	791461	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	635.27	87.18	88.00	791460	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	635.52	87.18	88.00	791459	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	635.77	87.18	88.00	791458	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	636.02	87.18	88.00	791457	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	636.27	87.18	88.00	791456	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	636.52	87.18	88.00	791455	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	636.77	87.18	88.00	791454	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	637.02	87.18	88.00	791453	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	637.27	87.18	88.00	791452	0.00	0.12	41.7	38.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	637.52	87.18	88.00	791451	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	637.77	87.18	88.00	791450	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	638.02	87.18	88.00	791449	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	638.27	87.18	88.00	791448	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	638.52	87.18	88.00	791447	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	638.77	87.18	88.00	791446	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	639.02	87.18	88.00	791446	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	639.27	87.18	88.00	791445	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	639.52	87.18	88.00	791444	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	639.77	87.18	88.00	791443	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	640.02	87.18	88.00	791442	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	640.27	87.18	88.00	791441	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	640.52	87.18	88.00	791440	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	640.77	87.18	88.00	791439	0.00	0.12	41.7	38.4
fdot100y10d	P100	BASE	641.02	87.18	88.00	791438	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	641.27	87.18	88.00	791437	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	641.52	87.18	88.00	791436	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	641.77	87.18	88.00	791435	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	642.02	87.18	88.00	791434	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	642.27	87.18	88.00	791433	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	642.52	87.18	88.00	791432	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	642.77	87.18	88.00	791431	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	643.02	87.18	88.00	791430	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	643.27	87.18	88.00	791429	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	643.52	87.18	88.00	791428	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	643.77	87.18	88.00	791427	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	644.02	87.18	88.00	791426	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	644.27	87.18	88.00	791425	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	644.52	87.18	88.00	791424	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	644.77	87.18	88.00	791423	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	645.02	87.18	88.00	791423	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	645.27	87.18	88.00	791422	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	645.52	87.18	88.00	791421	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	645.77	87.18	88.00	791420	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	646.02	87.18	88.00	791419	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	646.27	87.18	88.00	791418	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	646.52	87.18	88.00	791417	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	646.77	87.18	88.00	791416	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	647.02	87.18	88.00	791415	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	647.27	87.18	88.00	791414	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	647.52	87.18	88.00	791413	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	647.77	87.18	88.00	791412	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	648.02	87.18	88.00	791411	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	648.27	87.18	88.00	791410	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	648.52	87.18	88.00	791409	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	648.77	87.18	88.00	791408	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	649.02	87.18	88.00	791407	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	649.27	87.18	88.00	791406	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	649.52	87.18	88.00	791405	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	649.77	87.18	88.00	791404	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	650.02	87.18	88.00	791404	0.00	0.12	41.7	38.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	650.27	87.18	88.00	791403	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	650.52	87.18	88.00	791402	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	650.77	87.18	88.00	791401	0.00	0.12	41.7	38.5
fdot100y10d	P100	BASE	651.02	87.18	88.00	791400	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	651.27	87.18	88.00	791399	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	651.52	87.17	88.00	791398	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	651.77	87.17	88.00	791397	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	652.02	87.17	88.00	791396	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	652.27	87.17	88.00	791395	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	652.52	87.17	88.00	791394	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	652.77	87.17	88.00	791393	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	653.02	87.17	88.00	791392	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	653.27	87.17	88.00	791391	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	653.52	87.17	88.00	791390	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	653.77	87.17	88.00	791389	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	654.02	87.17	88.00	791388	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	654.27	87.17	88.00	791387	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	654.52	87.17	88.00	791387	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	654.77	87.17	88.00	791386	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	655.02	87.17	88.00	791385	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	655.27	87.17	88.00	791384	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	655.52	87.17	88.00	791383	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	655.77	87.17	88.00	791382	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	656.02	87.17	88.00	791381	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	656.27	87.17	88.00	791380	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	656.52	87.17	88.00	791379	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	656.77	87.17	88.00	791378	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	657.02	87.17	88.00	791377	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	657.27	87.17	88.00	791376	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	657.52	87.17	88.00	791375	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	657.77	87.17	88.00	791374	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	658.02	87.17	88.00	791373	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	658.27	87.17	88.00	791372	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	658.52	87.17	88.00	791372	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	658.77	87.17	88.00	791371	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	659.02	87.17	88.00	791370	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	659.27	87.17	88.00	791369	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	659.52	87.17	88.00	791368	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	659.77	87.17	88.00	791367	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	660.02	87.17	88.00	791366	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	660.27	87.17	88.00	791365	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	660.52	87.17	88.00	791364	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	660.77	87.17	88.00	791363	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	661.02	87.17	88.00	791362	0.00	0.12	41.7	38.6
fdot100y10d	P100	BASE	661.27	87.17	88.00	791361	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	661.52	87.17	88.00	791360	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	661.77	87.17	88.00	791359	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	662.02	87.17	88.00	791358	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	662.27	87.17	88.00	791358	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	662.52	87.17	88.00	791357	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	662.77	87.17	88.00	791356	0.00	0.12	41.7	38.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	663.02	87.17	88.00	791355	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	663.27	87.17	88.00	791354	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	663.52	87.17	88.00	791353	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	663.77	87.17	88.00	791352	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	664.02	87.17	88.00	791351	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	664.27	87.17	88.00	791350	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	664.52	87.17	88.00	791349	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	664.77	87.17	88.00	791348	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	665.02	87.17	88.00	791347	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	665.27	87.17	88.00	791346	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	665.52	87.17	88.00	791345	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	665.77	87.17	88.00	791345	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	666.02	87.17	88.00	791344	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	666.27	87.17	88.00	791343	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	666.52	87.17	88.00	791342	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	666.77	87.17	88.00	791341	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	667.02	87.17	88.00	791340	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	667.27	87.17	88.00	791339	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	667.52	87.17	88.00	791338	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	667.77	87.17	88.00	791337	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	668.02	87.17	88.00	791336	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	668.27	87.17	88.00	791335	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	668.52	87.17	88.00	791334	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	668.77	87.17	88.00	791333	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	669.02	87.17	88.00	791333	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	669.27	87.17	88.00	791332	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	669.52	87.17	88.00	791331	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	669.77	87.17	88.00	791330	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	670.02	87.17	88.00	791329	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	670.27	87.16	88.00	791328	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	670.52	87.16	88.00	791327	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	670.77	87.16	88.00	791326	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	671.02	87.16	88.00	791325	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	671.27	87.16	88.00	791324	0.00	0.12	41.7	38.7
fdot100y10d	P100	BASE	671.52	87.16	88.00	791323	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	671.77	87.16	88.00	791322	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	672.02	87.16	88.00	791322	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	672.27	87.16	88.00	791321	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	672.52	87.16	88.00	791320	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	672.77	87.16	88.00	791319	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	673.02	87.16	88.00	791318	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	673.27	87.16	88.00	791317	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	673.52	87.16	88.00	791316	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	673.77	87.16	88.00	791315	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	674.02	87.16	88.00	791314	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	674.27	87.16	88.00	791313	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	674.52	87.16	88.00	791312	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	674.77	87.16	88.00	791311	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	675.02	87.16	88.00	791311	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	675.27	87.16	88.00	791310	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	675.52	87.16	88.00	791309	0.00	0.12	41.7	38.8

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	675.77	87.16	88.00	791308	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	676.02	87.16	88.00	791307	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	676.27	87.16	88.00	791306	0.00	0.12	41.7	38.8
fdot100y10d	P100	BASE	676.52	87.16	88.00	791305	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	676.77	87.16	88.00	791304	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	677.02	87.16	88.00	791303	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	677.27	87.16	88.00	791302	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	677.52	87.16	88.00	791301	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	677.77	87.16	88.00	791301	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	678.02	87.16	88.00	791300	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	678.27	87.16	88.00	791299	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	678.52	87.16	88.00	791298	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	678.77	87.16	88.00	791297	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	679.02	87.16	88.00	791296	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	679.27	87.16	88.00	791295	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	679.52	87.16	88.00	791294	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	679.77	87.16	88.00	791293	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	680.02	87.16	88.00	791292	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	680.27	87.16	88.00	791291	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	680.52	87.16	88.00	791291	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	680.77	87.16	88.00	791290	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	681.02	87.16	88.00	791289	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	681.27	87.16	88.00	791288	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	681.52	87.16	88.00	791287	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	681.77	87.16	88.00	791286	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	682.02	87.16	88.00	791285	0.00	0.11	41.7	38.8
fdot100y10d	P100	BASE	682.27	87.16	88.00	791284	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	682.52	87.16	88.00	791283	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	682.77	87.16	88.00	791282	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	683.02	87.16	88.00	791281	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	683.27	87.16	88.00	791281	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	683.52	87.16	88.00	791280	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	683.77	87.16	88.00	791279	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	684.02	87.16	88.00	791278	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	684.27	87.16	88.00	791277	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	684.52	87.16	88.00	791276	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	684.77	87.16	88.00	791275	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	685.02	87.16	88.00	791274	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	685.27	87.16	88.00	791273	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	685.52	87.16	88.00	791272	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	685.77	87.16	88.00	791272	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	686.02	87.16	88.00	791271	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	686.27	87.16	88.00	791270	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	686.52	87.16	88.00	791269	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	686.77	87.16	88.00	791268	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	687.02	87.16	88.00	791267	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	687.27	87.16	88.00	791266	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	687.52	87.16	88.00	791265	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	687.77	87.16	88.00	791264	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	688.02	87.16	88.00	791263	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	688.27	87.16	88.00	791263	0.00	0.11	41.7	38.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	688.52	87.16	88.00	791262	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	688.77	87.16	88.00	791261	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	689.02	87.16	88.00	791260	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	689.27	87.16	88.00	791259	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	689.52	87.15	88.00	791258	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	689.77	87.15	88.00	791257	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	690.02	87.15	88.00	791256	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	690.27	87.15	88.00	791255	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	690.52	87.15	88.00	791255	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	690.77	87.15	88.00	791254	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	691.02	87.15	88.00	791253	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	691.27	87.15	88.00	791252	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	691.52	87.15	88.00	791251	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	691.77	87.15	88.00	791250	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	692.02	87.15	88.00	791249	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	692.27	87.15	88.00	791248	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	692.52	87.15	88.00	791247	0.00	0.11	41.7	38.9
fdot100y10d	P100	BASE	692.77	87.15	88.00	791246	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	693.02	87.15	88.00	791246	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	693.27	87.15	88.00	791245	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	693.52	87.15	88.00	791244	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	693.77	87.15	88.00	791243	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	694.02	87.15	88.00	791242	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	694.27	87.15	88.00	791241	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	694.52	87.15	88.00	791240	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	694.77	87.15	88.00	791239	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	695.02	87.15	88.00	791238	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	695.27	87.15	88.00	791238	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	695.52	87.15	88.00	791237	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	695.77	87.15	88.00	791236	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	696.02	87.15	88.00	791235	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	696.27	87.15	88.00	791234	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	696.52	87.15	88.00	791233	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	696.77	87.15	88.00	791232	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	697.02	87.15	88.00	791231	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	697.27	87.15	88.00	791230	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	697.52	87.15	88.00	791230	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	697.77	87.15	88.00	791229	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	698.02	87.15	88.00	791228	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	698.27	87.15	88.00	791227	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	698.52	87.15	88.00	791226	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	698.77	87.15	88.00	791225	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	699.02	87.15	88.00	791224	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	699.27	87.15	88.00	791223	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	699.52	87.15	88.00	791223	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	699.77	87.15	88.00	791222	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	700.02	87.15	88.00	791221	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	700.27	87.15	88.00	791220	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	700.52	87.15	88.00	791219	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	700.77	87.15	88.00	791218	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	701.02	87.15	88.00	791217	0.00	0.11	41.7	39.0

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	701.27	87.15	88.00	791216	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	701.52	87.15	88.00	791215	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	701.77	87.15	88.00	791215	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	702.02	87.15	88.00	791214	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	702.27	87.15	88.00	791213	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	702.52	87.15	88.00	791212	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	702.77	87.15	88.00	791211	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	703.02	87.15	88.00	791210	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	703.27	87.15	88.00	791209	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	703.52	87.15	88.00	791208	0.00	0.11	41.7	39.0
fdot100y10d	P100	BASE	703.77	87.15	88.00	791208	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	704.02	87.15	88.00	791207	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	704.27	87.15	88.00	791206	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	704.52	87.15	88.00	791205	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	704.77	87.15	88.00	791204	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	705.02	87.15	88.00	791203	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	705.27	87.15	88.00	791202	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	705.52	87.15	88.00	791201	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	705.77	87.15	88.00	791201	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	706.02	87.15	88.00	791200	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	706.27	87.15	88.00	791199	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	706.52	87.15	88.00	791198	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	706.77	87.15	88.00	791197	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	707.02	87.15	88.00	791196	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	707.27	87.15	88.00	791195	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	707.52	87.15	88.00	791194	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	707.77	87.15	88.00	791194	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	708.02	87.15	88.00	791193	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	708.27	87.15	88.00	791192	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	708.52	87.15	88.00	791191	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	708.77	87.15	88.00	791190	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	709.02	87.15	88.00	791189	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	709.27	87.14	88.00	791188	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	709.52	87.14	88.00	791187	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	709.77	87.14	88.00	791187	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	710.02	87.14	88.00	791186	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	710.27	87.14	88.00	791185	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	710.52	87.14	88.00	791184	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	710.77	87.14	88.00	791183	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	711.02	87.14	88.00	791182	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	711.27	87.14	88.00	791181	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	711.52	87.14	88.00	791180	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	711.77	87.14	88.00	791180	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	712.02	87.14	88.00	791179	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	712.27	87.14	88.00	791178	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	712.52	87.14	88.00	791177	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	712.77	87.14	88.00	791176	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	713.02	87.14	88.00	791175	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	713.27	87.14	88.00	791174	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	713.52	87.14	88.00	791173	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	713.77	87.14	88.00	791173	0.00	0.11	41.7	39.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	714.02	87.14	88.00	791172	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	714.27	87.14	88.00	791171	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	714.52	87.14	88.00	791170	0.00	0.11	41.7	39.1
fdot100y10d	P100	BASE	714.77	87.14	88.00	791169	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	715.02	87.14	88.00	791168	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	715.27	87.14	88.00	791167	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	715.52	87.14	88.00	791167	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	715.77	87.14	88.00	791166	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	716.02	87.14	88.00	791165	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	716.27	87.14	88.00	791164	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	716.52	87.14	88.00	791163	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	716.77	87.14	88.00	791162	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	717.02	87.14	88.00	791161	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	717.27	87.14	88.00	791161	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	717.52	87.14	88.00	791160	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	717.77	87.14	88.00	791159	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	718.02	87.14	88.00	791158	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	718.27	87.14	88.00	791157	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	718.52	87.14	88.00	791156	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	718.77	87.14	88.00	791155	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	719.02	87.14	88.00	791154	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	719.27	87.14	88.00	791154	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	719.52	87.14	88.00	791153	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	719.77	87.14	88.00	791152	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	720.02	87.14	88.00	791151	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	720.27	87.14	88.00	791150	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	720.52	87.14	88.00	791149	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	720.77	87.14	88.00	791148	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	721.02	87.14	88.00	791148	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	721.27	87.14	88.00	791147	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	721.52	87.14	88.00	791146	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	721.77	87.14	88.00	791145	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	722.02	87.14	88.00	791144	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	722.27	87.14	88.00	791143	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	722.52	87.14	88.00	791142	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	722.77	87.14	88.00	791142	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	723.02	87.14	88.00	791141	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	723.27	87.14	88.00	791140	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	723.52	87.14	88.00	791139	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	723.77	87.14	88.00	791138	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	724.02	87.14	88.00	791137	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	724.27	87.14	88.00	791136	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	724.52	87.14	88.00	791136	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	724.77	87.14	88.00	791135	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	725.02	87.14	88.00	791134	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	725.27	87.14	88.00	791133	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	725.52	87.14	88.00	791132	0.00	0.11	41.7	39.2
fdot100y10d	P100	BASE	725.77	87.14	88.00	791131	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	726.02	87.14	88.00	791130	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	726.27	87.14	88.00	791130	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	726.52	87.14	88.00	791129	0.00	0.11	41.7	39.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	726.77	87.14	88.00	791128	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	727.02	87.14	88.00	791127	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	727.27	87.14	88.00	791126	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	727.52	87.14	88.00	791125	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	727.77	87.14	88.00	791124	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	728.02	87.14	88.00	791124	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	728.27	87.14	88.00	791123	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	728.52	87.14	88.00	791122	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	728.77	87.14	88.00	791121	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	729.02	87.14	88.00	791120	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	729.27	87.14	88.00	791119	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	729.52	87.13	88.00	791119	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	729.77	87.13	88.00	791118	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	730.02	87.13	88.00	791117	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	730.27	87.13	88.00	791116	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	730.52	87.13	88.00	791115	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	730.77	87.13	88.00	791114	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	731.02	87.13	88.00	791113	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	731.27	87.13	88.00	791113	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	731.52	87.13	88.00	791112	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	731.77	87.13	88.00	791111	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	732.02	87.13	88.00	791110	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	732.27	87.13	88.00	791109	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	732.52	87.13	88.00	791108	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	732.77	87.13	88.00	791107	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	733.02	87.13	88.00	791107	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	733.27	87.13	88.00	791106	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	733.52	87.13	88.00	791105	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	733.77	87.13	88.00	791104	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	734.02	87.13	88.00	791103	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	734.27	87.13	88.00	791102	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	734.52	87.13	88.00	791102	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	734.77	87.13	88.00	791101	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	735.02	87.13	88.00	791100	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	735.27	87.13	88.00	791099	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	735.52	87.13	88.00	791098	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	735.77	87.13	88.00	791097	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	736.02	87.13	88.00	791097	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	736.27	87.13	88.00	791096	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	736.52	87.13	88.00	791095	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	736.77	87.13	88.00	791094	0.00	0.11	41.7	39.3
fdot100y10d	P100	BASE	737.02	87.13	88.00	791093	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	737.27	87.13	88.00	791092	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	737.52	87.13	88.00	791091	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	737.77	87.13	88.00	791091	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	738.02	87.13	88.00	791090	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	738.27	87.13	88.00	791089	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	738.52	87.13	88.00	791088	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	738.77	87.13	88.00	791087	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	739.02	87.13	88.00	791086	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	739.27	87.13	88.00	791086	0.00	0.11	41.7	39.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	739.52	87.13	88.00	791085	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	739.77	87.13	88.00	791084	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	740.02	87.13	88.00	791083	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	740.27	87.13	88.00	791082	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	740.52	87.13	88.00	791081	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	740.77	87.13	88.00	791081	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	741.02	87.13	88.00	791080	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	741.27	87.13	88.00	791079	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	741.52	87.13	88.00	791078	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	741.77	87.13	88.00	791077	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	742.02	87.13	88.00	791076	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	742.27	87.13	88.00	791076	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	742.52	87.13	88.00	791075	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	742.77	87.13	88.00	791074	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	743.02	87.13	88.00	791073	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	743.27	87.13	88.00	791072	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	743.52	87.13	88.00	791071	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	743.77	87.13	88.00	791070	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	744.02	87.13	88.00	791070	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	744.27	87.13	88.00	791069	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	744.52	87.13	88.00	791068	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	744.77	87.13	88.00	791067	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	745.02	87.13	88.00	791066	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	745.27	87.13	88.00	791065	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	745.52	87.13	88.00	791065	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	745.77	87.13	88.00	791064	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	746.02	87.13	88.00	791063	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	746.27	87.13	88.00	791062	0.00	0.11	41.7	39.4
fdot100y10d	P100	BASE	746.52	87.13	88.00	791061	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	746.77	87.13	88.00	791060	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	747.02	87.13	88.00	791060	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	747.27	87.13	88.00	791059	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	747.52	87.13	88.00	791058	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	747.77	87.13	88.00	791057	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	748.02	87.13	88.00	791056	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	748.27	87.13	88.00	791055	0.00	0.10	41.7	39.4
fdot100y10d	P100	BASE	748.52	87.13	88.00	791055	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	748.77	87.13	88.00	791054	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	749.02	87.13	88.00	791053	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	749.27	87.13	88.00	791052	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	749.52	87.13	88.00	791051	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	749.77	87.13	88.00	791051	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	750.02	87.13	88.00	791050	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	750.27	87.12	88.00	791049	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	750.52	87.12	88.00	791048	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	750.77	87.12	88.00	791047	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	751.02	87.12	88.00	791046	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	751.27	87.12	88.00	791046	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	751.52	87.12	88.00	791045	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	751.77	87.12	88.00	791044	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	752.02	87.12	88.00	791043	0.00	0.10	41.7	39.5

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	752.27	87.12	88.00	791042	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	752.52	87.12	88.00	791041	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	752.77	87.12	88.00	791041	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	753.02	87.12	88.00	791040	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	753.27	87.12	88.00	791039	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	753.52	87.12	88.00	791038	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	753.77	87.12	88.00	791037	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	754.02	87.12	88.00	791036	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	754.27	87.12	88.00	791036	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	754.52	87.12	88.00	791035	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	754.77	87.12	88.00	791034	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	755.02	87.12	88.00	791033	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	755.27	87.12	88.00	791032	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	755.52	87.12	88.00	791032	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	755.77	87.12	88.00	791031	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	756.02	87.12	88.00	791030	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	756.27	87.12	88.00	791029	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	756.52	87.12	88.00	791028	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	756.77	87.12	88.00	791027	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	757.02	87.12	88.00	791027	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	757.27	87.12	88.00	791026	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	757.52	87.12	88.00	791025	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	757.77	87.12	88.00	791024	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	758.02	87.12	88.00	791023	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	758.27	87.12	88.00	791022	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	758.52	87.12	88.00	791022	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	758.77	87.12	88.00	791021	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	759.02	87.12	88.00	791020	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	759.27	87.12	88.00	791019	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	759.52	87.12	88.00	791018	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	759.77	87.12	88.00	791018	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	760.02	87.12	88.00	791017	0.00	0.10	41.7	39.5
fdot100y10d	P100	BASE	760.27	87.12	88.00	791016	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	760.52	87.12	88.00	791015	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	760.77	87.12	88.00	791014	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	761.02	87.12	88.00	791013	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	761.27	87.12	88.00	791013	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	761.52	87.12	88.00	791012	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	761.77	87.12	88.00	791011	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	762.02	87.12	88.00	791010	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	762.27	87.12	88.00	791009	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	762.52	87.12	88.00	791009	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	762.77	87.12	88.00	791008	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	763.02	87.12	88.00	791007	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	763.27	87.12	88.00	791006	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	763.52	87.12	88.00	791005	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	763.77	87.12	88.00	791004	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	764.02	87.12	88.00	791004	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	764.27	87.12	88.00	791003	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	764.52	87.12	88.00	791002	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	764.77	87.12	88.00	791001	0.00	0.10	41.7	39.6

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	765.02	87.12	88.00	791000	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	765.27	87.12	88.00	791000	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	765.52	87.12	88.00	790999	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	765.77	87.12	88.00	790998	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	766.02	87.12	88.00	790997	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	766.27	87.12	88.00	790996	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	766.52	87.12	88.00	790996	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	766.77	87.12	88.00	790995	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	767.02	87.12	88.00	790994	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	767.27	87.12	88.00	790993	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	767.52	87.12	88.00	790992	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	767.77	87.12	88.00	790991	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	768.02	87.12	88.00	790991	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	768.27	87.12	88.00	790990	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	768.52	87.12	88.00	790989	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	768.77	87.12	88.00	790988	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	769.02	87.12	88.00	790987	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	769.27	87.12	88.00	790987	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	769.52	87.12	88.00	790986	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	769.77	87.12	88.00	790985	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	770.02	87.12	88.00	790984	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	770.27	87.12	88.00	790983	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	770.52	87.12	88.00	790983	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	770.77	87.12	88.00	790982	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	771.02	87.12	88.00	790981	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	771.27	87.12	88.00	790980	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	771.52	87.11	88.00	790979	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	771.77	87.11	88.00	790978	0.00	0.10	41.7	39.6
fdot100y10d	P100	BASE	772.02	87.11	88.00	790978	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	772.27	87.11	88.00	790977	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	772.52	87.11	88.00	790976	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	772.77	87.11	88.00	790975	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	773.02	87.11	88.00	790974	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	773.27	87.11	88.00	790974	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	773.52	87.11	88.00	790973	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	773.77	87.11	88.00	790972	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	774.02	87.11	88.00	790971	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	774.27	87.11	88.00	790970	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	774.52	87.11	88.00	790970	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	774.77	87.11	88.00	790969	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	775.02	87.11	88.00	790968	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	775.27	87.11	88.00	790967	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	775.52	87.11	88.00	790966	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	775.77	87.11	88.00	790966	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	776.02	87.11	88.00	790965	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	776.27	87.11	88.00	790964	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	776.52	87.11	88.00	790963	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	776.77	87.11	88.00	790962	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	777.02	87.11	88.00	790962	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	777.27	87.11	88.00	790961	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	777.52	87.11	88.00	790960	0.00	0.10	41.7	39.7

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	777.77	87.11	88.00	790959	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	778.02	87.11	88.00	790958	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	778.27	87.11	88.00	790958	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	778.52	87.11	88.00	790957	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	778.77	87.11	88.00	790956	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	779.02	87.11	88.00	790955	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	779.27	87.11	88.00	790954	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	779.52	87.11	88.00	790954	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	779.77	87.11	88.00	790953	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	780.02	87.11	88.00	790952	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	780.27	87.11	88.00	790951	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	780.52	87.11	88.00	790950	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	780.77	87.11	88.00	790950	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	781.02	87.11	88.00	790949	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	781.27	87.11	88.00	790948	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	781.52	87.11	88.00	790947	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	781.77	87.11	88.00	790946	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	782.02	87.11	88.00	790946	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	782.27	87.11	88.00	790945	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	782.52	87.11	88.00	790944	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	782.77	87.11	88.00	790943	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	783.02	87.11	88.00	790942	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	783.27	87.11	88.00	790942	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	783.52	87.11	88.00	790941	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	783.77	87.11	88.00	790940	0.00	0.10	41.7	39.7
fdot100y10d	P100	BASE	784.02	87.11	88.00	790939	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	784.27	87.11	88.00	790938	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	784.52	87.11	88.00	790938	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	784.77	87.11	88.00	790937	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	785.02	87.11	88.00	790936	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	785.27	87.11	88.00	790935	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	785.52	87.11	88.00	790934	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	785.77	87.11	88.00	790934	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	786.02	87.11	88.00	790933	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	786.27	87.11	88.00	790932	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	786.52	87.11	88.00	790931	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	786.77	87.11	88.00	790930	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	787.02	87.11	88.00	790930	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	787.27	87.11	88.00	790929	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	787.52	87.11	88.00	790928	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	787.77	87.11	88.00	790927	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	788.02	87.11	88.00	790926	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	788.27	87.11	88.00	790926	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	788.52	87.11	88.00	790925	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	788.77	87.11	88.00	790924	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	789.02	87.11	88.00	790923	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	789.27	87.11	88.00	790922	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	789.52	87.11	88.00	790922	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	789.77	87.11	88.00	790921	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	790.02	87.11	88.00	790920	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	790.27	87.11	88.00	790919	0.00	0.10	41.7	39.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	790.52	87.11	88.00	790919	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	790.77	87.11	88.00	790918	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	791.02	87.11	88.00	790917	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	791.27	87.11	88.00	790916	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	791.52	87.11	88.00	790915	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	791.77	87.11	88.00	790915	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	792.02	87.11	88.00	790914	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	792.27	87.11	88.00	790913	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	792.52	87.11	88.00	790912	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	792.77	87.11	88.00	790911	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	793.02	87.11	88.00	790911	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	793.27	87.10	88.00	790910	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	793.52	87.10	88.00	790909	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	793.77	87.10	88.00	790908	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	794.02	87.10	88.00	790907	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	794.27	87.10	88.00	790907	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	794.52	87.10	88.00	790906	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	794.77	87.10	88.00	790905	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	795.02	87.10	88.00	790904	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	795.27	87.10	88.00	790904	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	795.52	87.10	88.00	790903	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	795.77	87.10	88.00	790902	0.00	0.10	41.7	39.8
fdot100y10d	P100	BASE	796.02	87.10	88.00	790901	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	796.27	87.10	88.00	790900	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	796.52	87.10	88.00	790900	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	796.77	87.10	88.00	790899	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	797.02	87.10	88.00	790898	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	797.27	87.10	88.00	790897	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	797.52	87.10	88.00	790896	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	797.77	87.10	88.00	790896	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	798.02	87.10	88.00	790895	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	798.27	87.10	88.00	790894	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	798.52	87.10	88.00	790893	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	798.77	87.10	88.00	790893	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	799.02	87.10	88.00	790892	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	799.27	87.10	88.00	790891	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	799.52	87.10	88.00	790890	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	799.77	87.10	88.00	790889	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	800.02	87.10	88.00	790889	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	800.27	87.10	88.00	790888	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	800.52	87.10	88.00	790887	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	800.77	87.10	88.00	790886	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	801.02	87.10	88.00	790886	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	801.27	87.10	88.00	790885	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	801.52	87.10	88.00	790884	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	801.77	87.10	88.00	790883	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	802.02	87.10	88.00	790882	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	802.27	87.10	88.00	790882	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	802.52	87.10	88.00	790881	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	802.77	87.10	88.00	790880	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	803.02	87.10	88.00	790879	0.00	0.10	41.7	39.9

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	803.27	87.10	88.00	790878	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	803.52	87.10	88.00	790878	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	803.77	87.10	88.00	790877	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	804.02	87.10	88.00	790876	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	804.27	87.10	88.00	790875	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	804.52	87.10	88.00	790875	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	804.77	87.10	88.00	790874	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	805.02	87.10	88.00	790873	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	805.27	87.10	88.00	790872	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	805.52	87.10	88.00	790871	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	805.77	87.10	88.00	790871	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	806.02	87.10	88.00	790870	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	806.27	87.10	88.00	790869	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	806.52	87.10	88.00	790868	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	806.77	87.10	88.00	790868	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	807.02	87.10	88.00	790867	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	807.27	87.10	88.00	790866	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	807.52	87.10	88.00	790865	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	807.77	87.10	88.00	790864	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	808.02	87.10	88.00	790864	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	808.27	87.10	88.00	790863	0.00	0.10	41.7	39.9
fdot100y10d	P100	BASE	808.52	87.10	88.00	790862	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	808.77	87.10	88.00	790861	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	809.02	87.10	88.00	790861	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	809.27	87.10	88.00	790860	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	809.52	87.10	88.00	790859	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	809.77	87.10	88.00	790858	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	810.02	87.10	88.00	790858	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	810.27	87.10	88.00	790857	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	810.52	87.10	88.00	790856	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	810.77	87.10	88.00	790855	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	811.02	87.10	88.00	790854	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	811.27	87.10	88.00	790854	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	811.52	87.10	88.00	790853	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	811.77	87.10	88.00	790852	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	812.02	87.10	88.00	790851	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	812.27	87.10	88.00	790851	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	812.52	87.10	88.00	790850	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	812.77	87.10	88.00	790849	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	813.02	87.10	88.00	790848	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	813.27	87.10	88.00	790847	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	813.52	87.10	88.00	790847	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	813.77	87.10	88.00	790846	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	814.02	87.10	88.00	790845	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	814.27	87.10	88.00	790844	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	814.52	87.10	88.00	790844	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	814.77	87.10	88.00	790843	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	815.02	87.10	88.00	790842	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	815.27	87.10	88.00	790841	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	815.52	87.10	88.00	790841	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	815.77	87.09	88.00	790840	0.00	0.10	41.7	40.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	816.02	87.09	88.00	790839	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	816.27	87.09	88.00	790838	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	816.52	87.09	88.00	790837	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	816.77	87.09	88.00	790837	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	817.02	87.09	88.00	790836	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	817.27	87.09	88.00	790835	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	817.52	87.09	88.00	790834	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	817.77	87.09	88.00	790834	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	818.02	87.09	88.00	790833	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	818.27	87.09	88.00	790832	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	818.52	87.09	88.00	790831	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	818.77	87.09	88.00	790831	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	819.02	87.09	88.00	790830	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	819.27	87.09	88.00	790829	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	819.52	87.09	88.00	790828	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	819.77	87.09	88.00	790827	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	820.02	87.09	88.00	790827	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	820.27	87.09	88.00	790826	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	820.52	87.09	88.00	790825	0.00	0.10	41.7	40.0
fdot100y10d	P100	BASE	820.77	87.09	88.00	790824	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	821.02	87.09	88.00	790824	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	821.27	87.09	88.00	790823	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	821.52	87.09	88.00	790822	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	821.77	87.09	88.00	790821	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	822.02	87.09	88.00	790821	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	822.27	87.09	88.00	790820	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	822.52	87.09	88.00	790819	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	822.77	87.09	88.00	790818	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	823.02	87.09	88.00	790818	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	823.27	87.09	88.00	790817	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	823.52	87.09	88.00	790816	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	823.77	87.09	88.00	790815	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	824.02	87.09	88.00	790814	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	824.27	87.09	88.00	790814	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	824.52	87.09	88.00	790813	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	824.77	87.09	88.00	790812	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	825.02	87.09	88.00	790811	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	825.27	87.09	88.00	790811	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	825.52	87.09	88.00	790810	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	825.77	87.09	88.00	790809	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	826.02	87.09	88.00	790808	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	826.27	87.09	88.00	790808	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	826.52	87.09	88.00	790807	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	826.77	87.09	88.00	790806	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	827.02	87.09	88.00	790805	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	827.27	87.09	88.00	790805	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	827.52	87.09	88.00	790804	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	827.77	87.09	88.00	790803	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	828.02	87.09	88.00	790802	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	828.27	87.09	88.00	790802	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	828.52	87.09	88.00	790801	0.00	0.10	41.7	40.1

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	828.77	87.09	88.00	790800	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	829.02	87.09	88.00	790799	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	829.27	87.09	88.00	790799	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	829.52	87.09	88.00	790798	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	829.77	87.09	88.00	790797	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	830.02	87.09	88.00	790796	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	830.27	87.09	88.00	790795	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	830.52	87.09	88.00	790795	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	830.77	87.09	88.00	790794	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	831.02	87.09	88.00	790793	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	831.27	87.09	88.00	790792	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	831.52	87.09	88.00	790792	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	831.77	87.09	88.00	790791	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	832.02	87.09	88.00	790790	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	832.27	87.09	88.00	790789	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	832.52	87.09	88.00	790789	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	832.77	87.09	88.00	790788	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	833.02	87.09	88.00	790787	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	833.27	87.09	88.00	790786	0.00	0.10	41.7	40.1
fdot100y10d	P100	BASE	833.52	87.09	88.00	790786	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	833.77	87.09	88.00	790785	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	834.02	87.09	88.00	790784	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	834.27	87.09	88.00	790783	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	834.52	87.09	88.00	790783	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	834.77	87.09	88.00	790782	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	835.02	87.09	88.00	790781	0.00	0.10	41.7	40.2
fdot100y10d	P100	BASE	835.27	87.09	88.00	790780	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	835.52	87.09	88.00	790780	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	835.77	87.09	88.00	790779	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	836.02	87.09	88.00	790778	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	836.27	87.09	88.00	790777	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	836.52	87.09	88.00	790777	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	836.77	87.09	88.00	790776	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	837.02	87.09	88.00	790775	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	837.27	87.09	88.00	790774	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	837.52	87.09	88.00	790774	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	837.77	87.09	88.00	790773	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	838.02	87.09	88.00	790772	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	838.27	87.09	88.00	790771	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	838.52	87.08	88.00	790771	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	838.77	87.08	88.00	790770	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	839.02	87.08	88.00	790769	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	839.27	87.08	88.00	790768	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	839.52	87.08	88.00	790768	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	839.77	87.08	88.00	790767	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	840.02	87.08	88.00	790766	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	840.27	87.08	88.00	790765	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	840.52	87.08	88.00	790765	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	840.77	87.08	88.00	790764	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	841.02	87.08	88.00	790763	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	841.27	87.08	88.00	790762	0.00	0.09	41.7	40.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	841.52	87.08	88.00	790762	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	841.77	87.08	88.00	790761	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	842.02	87.08	88.00	790760	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	842.27	87.08	88.00	790759	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	842.52	87.08	88.00	790759	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	842.77	87.08	88.00	790758	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	843.02	87.08	88.00	790757	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	843.27	87.08	88.00	790756	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	843.52	87.08	88.00	790756	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	843.77	87.08	88.00	790755	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	844.02	87.08	88.00	790754	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	844.27	87.08	88.00	790753	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	844.52	87.08	88.00	790753	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	844.77	87.08	88.00	790752	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	845.02	87.08	88.00	790751	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	845.27	87.08	88.00	790750	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	845.52	87.08	88.00	790750	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	845.77	87.08	88.00	790749	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	846.02	87.08	88.00	790748	0.00	0.09	41.7	40.2
fdot100y10d	P100	BASE	846.27	87.08	88.00	790747	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	846.52	87.08	88.00	790747	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	846.77	87.08	88.00	790746	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	847.02	87.08	88.00	790745	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	847.27	87.08	88.00	790744	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	847.52	87.08	88.00	790744	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	847.77	87.08	88.00	790743	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	848.02	87.08	88.00	790742	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	848.27	87.08	88.00	790741	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	848.52	87.08	88.00	790741	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	848.77	87.08	88.00	790740	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	849.02	87.08	88.00	790739	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	849.27	87.08	88.00	790738	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	849.52	87.08	88.00	790738	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	849.77	87.08	88.00	790737	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	850.02	87.08	88.00	790736	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	850.27	87.08	88.00	790736	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	850.52	87.08	88.00	790735	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	850.77	87.08	88.00	790734	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	851.02	87.08	88.00	790733	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	851.27	87.08	88.00	790733	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	851.52	87.08	88.00	790732	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	851.77	87.08	88.00	790731	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	852.02	87.08	88.00	790730	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	852.27	87.08	88.00	790730	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	852.52	87.08	88.00	790729	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	852.77	87.08	88.00	790728	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	853.02	87.08	88.00	790727	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	853.27	87.08	88.00	790727	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	853.52	87.08	88.00	790726	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	853.77	87.08	88.00	790725	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	854.02	87.08	88.00	790724	0.00	0.09	41.7	40.3

Simulation	Node	Group	Time	Stage	Warning Stage	Surface Area	Total Inflow	Total Outflow	Total Vol In	Total Vol Out
			hrs	ft	ft	ft2	cfs	cfs	af	af
fdot100y10d	P100	BASE	854.27	87.08	88.00	790724	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	854.52	87.08	88.00	790723	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	854.77	87.08	88.00	790722	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	855.02	87.08	88.00	790721	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	855.27	87.08	88.00	790721	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	855.52	87.08	88.00	790720	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	855.77	87.08	88.00	790719	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	856.02	87.08	88.00	790718	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	856.27	87.08	88.00	790718	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	856.52	87.08	88.00	790717	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	856.77	87.08	88.00	790716	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	857.02	87.08	88.00	790716	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	857.27	87.08	88.00	790715	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	857.52	87.08	88.00	790714	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	857.77	87.08	88.00	790713	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	858.02	87.08	88.00	790713	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	858.27	87.08	88.00	790712	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	858.52	87.08	88.00	790711	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	858.77	87.08	88.00	790710	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	859.02	87.08	88.00	790710	0.00	0.09	41.7	40.3
fdot100y10d	P100	BASE	859.27	87.08	88.00	790709	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	859.52	87.08	88.00	790708	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	859.77	87.08	88.00	790707	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	860.02	87.08	88.00	790707	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	860.27	87.08	88.00	790706	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	860.52	87.08	88.00	790705	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	860.77	87.08	88.00	790705	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	861.02	87.08	88.00	790704	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	861.27	87.08	88.00	790703	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	861.52	87.08	88.00	790702	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	861.77	87.08	88.00	790702	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	862.02	87.07	88.00	790701	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	862.27	87.07	88.00	790700	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	862.52	87.07	88.00	790699	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	862.77	87.07	88.00	790699	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	863.02	87.07	88.00	790698	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	863.27	87.07	88.00	790697	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	863.52	87.07	88.00	790696	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	863.77	87.07	88.00	790696	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	864.02	87.07	88.00	790695	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	864.27	87.07	88.00	790694	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	864.52	87.07	88.00	790694	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	864.77	87.07	88.00	790693	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	865.02	87.07	88.00	790692	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	865.27	87.07	88.00	790691	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	865.52	87.07	88.00	790691	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	865.77	87.07	88.00	790690	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	866.02	87.07	88.00	790689	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	866.27	87.07	88.00	790688	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	866.52	87.07	88.00	790688	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	866.77	87.07	88.00	790687	0.00	0.09	41.7	40.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	867.02	87.07	88.00	790686	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	867.27	87.07	88.00	790685	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	867.52	87.07	88.00	790685	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	867.77	87.07	88.00	790684	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	868.02	87.07	88.00	790683	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	868.27	87.07	88.00	790683	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	868.52	87.07	88.00	790682	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	868.77	87.07	88.00	790681	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	869.02	87.07	88.00	790680	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	869.27	87.07	88.00	790680	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	869.52	87.07	88.00	790679	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	869.77	87.07	88.00	790678	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	870.02	87.07	88.00	790677	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	870.27	87.07	88.00	790677	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	870.52	87.07	88.00	790676	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	870.77	87.07	88.00	790675	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	871.02	87.07	88.00	790675	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	871.27	87.07	88.00	790674	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	871.52	87.07	88.00	790673	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	871.77	87.07	88.00	790672	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	872.02	87.07	88.00	790672	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	872.27	87.07	88.00	790671	0.00	0.09	41.7	40.4
fdot100y10d	P100	BASE	872.52	87.07	88.00	790670	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	872.77	87.07	88.00	790669	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	873.02	87.07	88.00	790669	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	873.27	87.07	88.00	790668	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	873.52	87.07	88.00	790667	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	873.77	87.07	88.00	790667	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	874.02	87.07	88.00	790666	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	874.27	87.07	88.00	790665	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	874.52	87.07	88.00	790664	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	874.77	87.07	88.00	790664	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	875.02	87.07	88.00	790663	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	875.27	87.07	88.00	790662	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	875.52	87.07	88.00	790662	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	875.77	87.07	88.00	790661	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	876.02	87.07	88.00	790660	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	876.27	87.07	88.00	790659	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	876.52	87.07	88.00	790659	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	876.77	87.07	88.00	790658	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	877.02	87.07	88.00	790657	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	877.27	87.07	88.00	790656	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	877.52	87.07	88.00	790656	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	877.77	87.07	88.00	790655	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	878.02	87.07	88.00	790654	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	878.27	87.07	88.00	790654	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	878.52	87.07	88.00	790653	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	878.77	87.07	88.00	790652	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	879.02	87.07	88.00	790651	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	879.27	87.07	88.00	790651	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	879.52	87.07	88.00	790650	0.00	0.09	41.7	40.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	879.77	87.07	88.00	790649	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	880.02	87.07	88.00	790649	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	880.27	87.07	88.00	790648	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	880.52	87.07	88.00	790647	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	880.77	87.07	88.00	790646	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	881.02	87.07	88.00	790646	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	881.27	87.07	88.00	790645	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	881.52	87.07	88.00	790644	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	881.77	87.07	88.00	790643	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	882.02	87.07	88.00	790643	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	882.27	87.07	88.00	790642	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	882.52	87.07	88.00	790641	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	882.77	87.07	88.00	790641	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	883.02	87.07	88.00	790640	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	883.27	87.07	88.00	790639	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	883.52	87.07	88.00	790638	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	883.77	87.07	88.00	790638	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	884.02	87.07	88.00	790637	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	884.27	87.07	88.00	790636	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	884.52	87.07	88.00	790636	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	884.77	87.07	88.00	790635	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	885.02	87.07	88.00	790634	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	885.27	87.07	88.00	790633	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	885.52	87.07	88.00	790633	0.00	0.09	41.7	40.5
fdot100y10d	P100	BASE	885.77	87.07	88.00	790632	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	886.02	87.06	88.00	790631	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	886.27	87.06	88.00	790631	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	886.52	87.06	88.00	790630	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	886.77	87.06	88.00	790629	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	887.02	87.06	88.00	790628	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	887.27	87.06	88.00	790628	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	887.52	87.06	88.00	790627	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	887.77	87.06	88.00	790626	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	888.02	87.06	88.00	790626	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	888.27	87.06	88.00	790625	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	888.52	87.06	88.00	790624	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	888.77	87.06	88.00	790623	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	889.02	87.06	88.00	790623	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	889.27	87.06	88.00	790622	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	889.52	87.06	88.00	790621	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	889.77	87.06	88.00	790621	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	890.02	87.06	88.00	790620	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	890.27	87.06	88.00	790619	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	890.52	87.06	88.00	790618	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	890.77	87.06	88.00	790618	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	891.02	87.06	88.00	790617	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	891.27	87.06	88.00	790616	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	891.52	87.06	88.00	790616	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	891.77	87.06	88.00	790615	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	892.02	87.06	88.00	790614	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	892.27	87.06	88.00	790613	0.00	0.09	41.7	40.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	892.52	87.06	88.00	790613	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	892.77	87.06	88.00	790612	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	893.02	87.06	88.00	790611	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	893.27	87.06	88.00	790611	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	893.52	87.06	88.00	790610	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	893.77	87.06	88.00	790609	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	894.02	87.06	88.00	790608	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	894.27	87.06	88.00	790608	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	894.52	87.06	88.00	790607	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	894.77	87.06	88.00	790606	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	895.02	87.06	88.00	790606	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	895.27	87.06	88.00	790605	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	895.52	87.06	88.00	790604	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	895.77	87.06	88.00	790603	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	896.02	87.06	88.00	790603	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	896.27	87.06	88.00	790602	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	896.52	87.06	88.00	790601	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	896.77	87.06	88.00	790601	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	897.02	87.06	88.00	790600	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	897.27	87.06	88.00	790599	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	897.52	87.06	88.00	790599	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	897.77	87.06	88.00	790598	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	898.02	87.06	88.00	790597	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	898.27	87.06	88.00	790596	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	898.52	87.06	88.00	790596	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	898.77	87.06	88.00	790595	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	899.02	87.06	88.00	790594	0.00	0.09	41.7	40.6
fdot100y10d	P100	BASE	899.27	87.06	88.00	790594	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	899.52	87.06	88.00	790593	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	899.77	87.06	88.00	790592	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	900.02	87.06	88.00	790591	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	900.27	87.06	88.00	790591	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	900.52	87.06	88.00	790590	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	900.77	87.06	88.00	790589	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	901.02	87.06	88.00	790589	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	901.27	87.06	88.00	790588	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	901.52	87.06	88.00	790587	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	901.77	87.06	88.00	790586	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	902.02	87.06	88.00	790586	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	902.27	87.06	88.00	790585	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	902.52	87.06	88.00	790584	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	902.77	87.06	88.00	790584	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	903.02	87.06	88.00	790583	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	903.27	87.06	88.00	790582	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	903.52	87.06	88.00	790582	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	903.77	87.06	88.00	790581	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	904.02	87.06	88.00	790580	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	904.27	87.06	88.00	790579	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	904.52	87.06	88.00	790579	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	904.77	87.06	88.00	790578	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	905.02	87.06	88.00	790577	0.00	0.09	41.7	40.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	905.27	87.06	88.00	790577	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	905.52	87.06	88.00	790576	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	905.77	87.06	88.00	790575	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	906.02	87.06	88.00	790575	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	906.27	87.06	88.00	790574	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	906.52	87.06	88.00	790573	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	906.77	87.06	88.00	790572	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	907.02	87.06	88.00	790572	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	907.27	87.06	88.00	790571	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	907.52	87.06	88.00	790570	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	907.77	87.06	88.00	790570	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	908.02	87.06	88.00	790569	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	908.27	87.06	88.00	790568	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	908.52	87.06	88.00	790567	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	908.77	87.06	88.00	790567	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	909.02	87.06	88.00	790566	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	909.27	87.06	88.00	790565	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	909.52	87.06	88.00	790565	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	909.77	87.06	88.00	790564	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	910.02	87.06	88.00	790563	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	910.27	87.06	88.00	790563	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	910.52	87.06	88.00	790562	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	910.77	87.05	88.00	790561	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	911.02	87.05	88.00	790560	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	911.27	87.05	88.00	790560	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	911.52	87.05	88.00	790559	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	911.77	87.05	88.00	790558	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	912.02	87.05	88.00	790558	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	912.27	87.05	88.00	790557	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	912.52	87.05	88.00	790556	0.00	0.09	41.7	40.7
fdot100y10d	P100	BASE	912.77	87.05	88.00	790556	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	913.02	87.05	88.00	790555	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	913.27	87.05	88.00	790554	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	913.52	87.05	88.00	790554	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	913.77	87.05	88.00	790553	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	914.02	87.05	88.00	790552	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	914.27	87.05	88.00	790551	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	914.52	87.05	88.00	790551	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	914.77	87.05	88.00	790550	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	915.02	87.05	88.00	790549	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	915.27	87.05	88.00	790549	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	915.52	87.05	88.00	790548	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	915.77	87.05	88.00	790547	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	916.02	87.05	88.00	790547	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	916.27	87.05	88.00	790546	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	916.52	87.05	88.00	790545	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	916.77	87.05	88.00	790544	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	917.02	87.05	88.00	790544	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	917.27	87.05	88.00	790543	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	917.52	87.05	88.00	790542	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	917.77	87.05	88.00	790542	0.00	0.09	41.7	40.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	918.02	87.05	88.00	790541	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	918.27	87.05	88.00	790540	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	918.52	87.05	88.00	790540	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	918.77	87.05	88.00	790539	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	919.02	87.05	88.00	790538	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	919.27	87.05	88.00	790537	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	919.52	87.05	88.00	790537	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	919.77	87.05	88.00	790536	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	920.02	87.05	88.00	790535	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	920.27	87.05	88.00	790535	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	920.52	87.05	88.00	790534	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	920.77	87.05	88.00	790533	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	921.02	87.05	88.00	790533	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	921.27	87.05	88.00	790532	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	921.52	87.05	88.00	790531	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	921.77	87.05	88.00	790531	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	922.02	87.05	88.00	790530	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	922.27	87.05	88.00	790529	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	922.52	87.05	88.00	790528	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	922.77	87.05	88.00	790528	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	923.02	87.05	88.00	790527	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	923.27	87.05	88.00	790526	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	923.52	87.05	88.00	790526	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	923.77	87.05	88.00	790525	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	924.02	87.05	88.00	790524	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	924.27	87.05	88.00	790524	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	924.52	87.05	88.00	790523	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	924.77	87.05	88.00	790522	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	925.02	87.05	88.00	790522	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	925.27	87.05	88.00	790521	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	925.52	87.05	88.00	790520	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	925.77	87.05	88.00	790520	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	926.02	87.05	88.00	790519	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	926.27	87.05	88.00	790518	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	926.52	87.05	88.00	790517	0.00	0.09	41.7	40.8
fdot100y10d	P100	BASE	926.77	87.05	88.00	790517	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	927.02	87.05	88.00	790516	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	927.27	87.05	88.00	790515	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	927.52	87.05	88.00	790515	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	927.77	87.05	88.00	790514	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	928.02	87.05	88.00	790513	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	928.27	87.05	88.00	790513	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	928.52	87.05	88.00	790512	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	928.77	87.05	88.00	790511	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	929.02	87.05	88.00	790511	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	929.27	87.05	88.00	790510	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	929.52	87.05	88.00	790509	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	929.77	87.05	88.00	790508	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	930.02	87.05	88.00	790508	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	930.27	87.05	88.00	790507	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	930.52	87.05	88.00	790506	0.00	0.09	41.7	40.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	930.77	87.05	88.00	790506	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	931.02	87.05	88.00	790505	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	931.27	87.05	88.00	790504	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	931.52	87.05	88.00	790504	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	931.77	87.05	88.00	790503	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	932.02	87.05	88.00	790502	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	932.27	87.05	88.00	790502	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	932.52	87.05	88.00	790501	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	932.77	87.05	88.00	790500	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	933.02	87.05	88.00	790500	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	933.27	87.05	88.00	790499	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	933.52	87.05	88.00	790498	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	933.77	87.05	88.00	790497	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	934.02	87.05	88.00	790497	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	934.27	87.05	88.00	790496	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	934.52	87.05	88.00	790495	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	934.77	87.05	88.00	790495	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	935.02	87.05	88.00	790494	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	935.27	87.05	88.00	790493	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	935.52	87.05	88.00	790493	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	935.77	87.04	88.00	790492	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	936.02	87.04	88.00	790491	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	936.27	87.04	88.00	790491	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	936.52	87.04	88.00	790490	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	936.77	87.04	88.00	790489	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	937.02	87.04	88.00	790489	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	937.27	87.04	88.00	790488	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	937.52	87.04	88.00	790487	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	937.77	87.04	88.00	790487	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	938.02	87.04	88.00	790486	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	938.27	87.04	88.00	790485	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	938.52	87.04	88.00	790485	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	938.77	87.04	88.00	790484	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	939.02	87.04	88.00	790483	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	939.27	87.04	88.00	790482	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	939.52	87.04	88.00	790482	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	939.77	87.04	88.00	790481	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	940.02	87.04	88.00	790480	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	940.27	87.04	88.00	790480	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	940.52	87.04	88.00	790479	0.00	0.09	41.7	40.9
fdot100y10d	P100	BASE	940.77	87.04	88.00	790478	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	941.02	87.04	88.00	790478	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	941.27	87.04	88.00	790477	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	941.52	87.04	88.00	790476	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	941.77	87.04	88.00	790476	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	942.02	87.04	88.00	790475	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	942.27	87.04	88.00	790474	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	942.52	87.04	88.00	790474	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	942.77	87.04	88.00	790473	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	943.02	87.04	88.00	790472	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	943.27	87.04	88.00	790472	0.00	0.09	41.7	41.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	943.52	87.04	88.00	790471	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	943.77	87.04	88.00	790470	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	944.02	87.04	88.00	790470	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	944.27	87.04	88.00	790469	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	944.52	87.04	88.00	790468	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	944.77	87.04	88.00	790467	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	945.02	87.04	88.00	790467	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	945.27	87.04	88.00	790466	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	945.52	87.04	88.00	790465	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	945.77	87.04	88.00	790465	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	946.02	87.04	88.00	790464	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	946.27	87.04	88.00	790463	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	946.52	87.04	88.00	790463	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	946.77	87.04	88.00	790462	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	947.02	87.04	88.00	790461	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	947.27	87.04	88.00	790461	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	947.52	87.04	88.00	790460	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	947.77	87.04	88.00	790459	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	948.02	87.04	88.00	790459	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	948.27	87.04	88.00	790458	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	948.52	87.04	88.00	790457	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	948.77	87.04	88.00	790457	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	949.02	87.04	88.00	790456	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	949.27	87.04	88.00	790455	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	949.52	87.04	88.00	790455	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	949.77	87.04	88.00	790454	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	950.02	87.04	88.00	790453	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	950.27	87.04	88.00	790453	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	950.52	87.04	88.00	790452	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	950.77	87.04	88.00	790451	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	951.02	87.04	88.00	790451	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	951.27	87.04	88.00	790450	0.00	0.09	41.7	41.0
fdot100y10d	P100	BASE	951.52	87.04	88.00	790449	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	951.77	87.04	88.00	790449	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	952.02	87.04	88.00	790448	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	952.27	87.04	88.00	790447	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	952.52	87.04	88.00	790447	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	952.77	87.04	88.00	790446	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	953.02	87.04	88.00	790445	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	953.27	87.04	88.00	790445	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	953.52	87.04	88.00	790444	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	953.77	87.04	88.00	790443	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	954.02	87.04	88.00	790442	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	954.27	87.04	88.00	790442	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	954.52	87.04	88.00	790441	0.00	0.08	41.7	41.0
fdot100y10d	P100	BASE	954.77	87.04	88.00	790440	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	955.02	87.04	88.00	790440	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	955.27	87.04	88.00	790439	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	955.52	87.04	88.00	790438	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	955.77	87.04	88.00	790438	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	956.02	87.04	88.00	790437	0.00	0.08	41.7	41.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P100	BASE	956.27	87.04	88.00	790436	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	956.52	87.04	88.00	790436	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	956.77	87.04	88.00	790435	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	957.02	87.04	88.00	790434	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	957.27	87.04	88.00	790434	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	957.52	87.04	88.00	790433	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	957.77	87.04	88.00	790432	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	958.02	87.04	88.00	790432	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	958.27	87.04	88.00	790431	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	958.52	87.04	88.00	790430	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	958.77	87.04	88.00	790430	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	959.02	87.04	88.00	790429	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	959.27	87.04	88.00	790428	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	959.52	87.04	88.00	790428	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	959.77	87.04	88.00	790427	0.00	0.08	41.7	41.1
fdot100y10d	P100	BASE	960.01	87.04	88.00	790426	0.00	0.08	41.7	41.1

==== Basins ====

Name: B200 Node: P200 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 12.970 Time Shift(hrs): 0.00
Curve Number: 77.07 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

==== Nodes ====

Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 100.000
Group: BASE Warn Stage(ft): 120.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	100.000
960.00	100.000

Name: P200 Base Flow(cfs): 0.000 Init Stage(ft): 114.000
Group: BASE Warn Stage(ft): 120.000
Type: Stage/Area

Stage(ft)	Area(ac)
114.000	0.5000
120.000	0.6700

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 100.000
Group: BASE Warn Stage(ft): 120.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	100.000
960.00	100.000

==== Weirs ====

Name: OUT200 From Node: P200
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 120.000
Control Elevation(ft): 120.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P200 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 98.000 Perimeter 1(ft): 638.000
Water Table Elev(ft): 100.000 Perimeter 2(ft): 1266.000
**********0.000 Perimeter 3(ft): 6921.000
Horiz Conductivity(ft/day): 29.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.500 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 14.000

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==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
960.000	30.00

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==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.10 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
400.000	30.000
680.000	60.000
960.000	150.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
960.000	15.000

Group	Run
BASE	Yes

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Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	0.00	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	0.50	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	1.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	1.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	2.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	2.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	3.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	3.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	4.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	4.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	5.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	5.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	6.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	6.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	7.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	7.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	8.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	8.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	9.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	9.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	10.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	10.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	11.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	11.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	12.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	12.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	13.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	13.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	14.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	14.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	15.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	15.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	16.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	16.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	17.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	17.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	18.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	18.52	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	19.02	114.00	120.00	21780	0.00	0.00	0.0	0.0
fdot100y10d	P200	BASE	19.52	114.00	120.00	21780	0.01	0.01	0.0	0.0
fdot100y10d	P200	BASE	20.02	114.00	120.00	21780	0.01	0.01	0.0	0.0
fdot100y10d	P200	BASE	20.52	114.00	120.00	21780	0.02	0.02	0.0	0.0
fdot100y10d	P200	BASE	21.02	114.00	120.00	21780	0.02	0.02	0.0	0.0
fdot100y10d	P200	BASE	21.52	114.00	120.00	21780	0.02	0.02	0.0	0.0
fdot100y10d	P200	BASE	22.02	114.00	120.00	21780	0.03	0.03	0.0	0.0
fdot100y10d	P200	BASE	22.52	114.00	120.00	21780	0.03	0.03	0.0	0.0
fdot100y10d	P200	BASE	23.02	114.00	120.00	21780	0.04	0.04	0.0	0.0
fdot100y10d	P200	BASE	23.52	114.00	120.00	21780	0.04	0.04	0.0	0.0

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Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	24.02	114.00	120.00	21780	0.04	0.04	0.0	0.0
fdot100y10d	P200	BASE	24.52	114.00	120.00	21780	0.12	0.12	0.0	0.0
fdot100y10d	P200	BASE	25.02	114.00	120.00	21780	0.17	0.17	0.0	0.0
fdot100y10d	P200	BASE	25.52	114.00	120.00	21780	0.21	0.21	0.0	0.0
fdot100y10d	P200	BASE	26.02	114.00	120.00	21780	0.24	0.24	0.0	0.0
fdot100y10d	P200	BASE	26.52	114.00	120.00	21780	0.27	0.27	0.0	0.0
fdot100y10d	P200	BASE	27.02	114.00	120.00	21781	0.30	0.30	0.1	0.1
fdot100y10d	P200	BASE	27.52	114.00	120.00	21781	0.33	0.33	0.1	0.1
fdot100y10d	P200	BASE	28.02	114.00	120.00	21781	0.35	0.35	0.1	0.1
fdot100y10d	P200	BASE	28.52	114.00	120.00	21781	0.38	0.38	0.1	0.1
fdot100y10d	P200	BASE	29.02	114.00	120.00	21781	0.40	0.40	0.1	0.1
fdot100y10d	P200	BASE	29.52	114.00	120.00	21781	0.43	0.43	0.1	0.1
fdot100y10d	P200	BASE	30.02	114.00	120.00	21781	0.45	0.45	0.2	0.2
fdot100y10d	P200	BASE	30.52	114.00	120.00	21781	0.47	0.47	0.2	0.2
fdot100y10d	P200	BASE	31.02	114.00	120.00	21781	0.49	0.49	0.2	0.2
fdot100y10d	P200	BASE	31.52	114.00	120.00	21781	0.51	0.51	0.2	0.2
fdot100y10d	P200	BASE	32.02	114.00	120.00	21781	0.54	0.54	0.2	0.2
fdot100y10d	P200	BASE	32.52	114.00	120.00	21783	1.54	1.53	0.3	0.3
fdot100y10d	P200	BASE	33.00	114.02	120.00	21803	2.07	1.64	0.3	0.3
fdot100y10d	P200	BASE	33.50	114.07	120.00	21866	2.42	1.64	0.4	0.4
fdot100y10d	P200	BASE	34.00	114.14	120.00	21956	2.64	1.65	0.5	0.5
fdot100y10d	P200	BASE	34.50	114.23	120.00	22063	2.80	1.66	0.7	0.5
fdot100y10d	P200	BASE	35.00	114.33	120.00	22185	2.94	1.67	0.8	0.6
fdot100y10d	P200	BASE	35.50	114.44	120.00	22318	3.07	1.68	0.9	0.7
fdot100y10d	P200	BASE	36.00	114.55	120.00	22461	3.19	1.69	1.0	0.8
fdot100y10d	P200	BASE	36.50	114.68	120.00	22613	3.29	1.70	1.2	0.8
fdot100y10d	P200	BASE	37.00	114.80	120.00	22773	3.38	1.71	1.3	0.9
fdot100y10d	P200	BASE	37.50	114.94	120.00	22939	3.47	1.73	1.4	1.0
fdot100y10d	P200	BASE	38.00	115.08	120.00	23110	3.54	1.74	1.6	1.0
fdot100y10d	P200	BASE	38.50	115.22	120.00	23285	3.61	1.75	1.7	1.1
fdot100y10d	P200	BASE	39.00	115.37	120.00	23465	3.68	1.77	1.9	1.2
fdot100y10d	P200	BASE	39.50	115.51	120.00	23647	3.74	1.78	2.0	1.3
fdot100y10d	P200	BASE	40.00	115.66	120.00	23832	3.79	1.79	2.2	1.3
fdot100y10d	P200	BASE	40.50	115.75	120.00	23942	2.02	1.80	2.3	1.4
fdot100y10d	P200	BASE	41.00	115.73	120.00	23919	1.22	1.80	2.4	1.5
fdot100y10d	P200	BASE	41.50	115.68	120.00	23848	0.89	1.79	2.4	1.5
fdot100y10d	P200	BASE	42.00	115.60	120.00	23759	0.81	1.79	2.5	1.6
fdot100y10d	P200	BASE	42.50	115.53	120.00	23668	0.81	1.78	2.5	1.7
fdot100y10d	P200	BASE	43.00	115.46	120.00	23577	0.81	1.77	2.5	1.8
fdot100y10d	P200	BASE	43.50	115.38	120.00	23487	0.81	1.77	2.6	1.8
fdot100y10d	P200	BASE	44.00	115.31	120.00	23397	0.82	1.76	2.6	1.9
fdot100y10d	P200	BASE	44.50	115.24	120.00	23307	0.82	1.75	2.6	2.0
fdot100y10d	P200	BASE	45.00	115.17	120.00	23218	0.82	1.75	2.7	2.1
fdot100y10d	P200	BASE	45.50	115.09	120.00	23130	0.82	1.74	2.7	2.1
fdot100y10d	P200	BASE	46.00	115.02	120.00	23042	0.82	1.73	2.7	2.2
fdot100y10d	P200	BASE	46.50	114.95	120.00	22954	0.82	1.73	2.8	2.3
fdot100y10d	P200	BASE	47.00	114.88	120.00	22867	0.83	1.72	2.8	2.3
fdot100y10d	P200	BASE	47.50	114.81	120.00	22780	0.83	1.71	2.8	2.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	48.00	114.74	120.00	22694	0.83	1.71	2.9	2.5
fdot100y10d	P200	BASE	48.50	114.67	120.00	22606	0.77	1.70	2.9	2.6
fdot100y10d	P200	BASE	49.00	114.59	120.00	22512	0.74	1.69	2.9	2.6
fdot100y10d	P200	BASE	49.50	114.52	120.00	22418	0.73	1.69	3.0	2.7
fdot100y10d	P200	BASE	50.00	114.44	120.00	22323	0.73	1.68	3.0	2.8
fdot100y10d	P200	BASE	50.50	114.36	120.00	22229	0.73	1.67	3.0	2.8
fdot100y10d	P200	BASE	51.00	114.30	120.00	22150	0.73	1.42	3.1	2.9
fdot100y10d	P200	BASE	51.50	114.25	120.00	22087	0.73	1.31	3.1	3.0
fdot100y10d	P200	BASE	52.00	114.21	120.00	22033	0.73	1.23	3.1	3.0
fdot100y10d	P200	BASE	52.50	114.17	120.00	21986	0.73	1.17	3.1	3.1
fdot100y10d	P200	BASE	53.00	114.13	120.00	21945	0.73	1.12	3.2	3.1
fdot100y10d	P200	BASE	53.51	114.10	120.00	21908	0.74	1.08	3.2	3.2
fdot100y10d	P200	BASE	54.00	114.08	120.00	21876	0.74	1.04	3.2	3.2
fdot100y10d	P200	BASE	54.51	114.05	120.00	21846	0.74	1.01	3.3	3.2
fdot100y10d	P200	BASE	55.00	114.03	120.00	21821	0.74	0.98	3.3	3.3
fdot100y10d	P200	BASE	55.51	114.01	120.00	21798	0.74	0.95	3.3	3.3
fdot100y10d	P200	BASE	56.00	114.00	120.00	21781	0.74	0.74	3.4	3.4
fdot100y10d	P200	BASE	56.50	114.00	120.00	21781	0.72	0.72	3.4	3.4
fdot100y10d	P200	BASE	57.00	114.00	120.00	21781	0.72	0.72	3.4	3.4
fdot100y10d	P200	BASE	57.50	114.00	120.00	21781	0.71	0.71	3.4	3.4
fdot100y10d	P200	BASE	58.00	114.00	120.00	21781	0.71	0.71	3.5	3.5
fdot100y10d	P200	BASE	58.50	114.00	120.00	21781	0.72	0.72	3.5	3.5
fdot100y10d	P200	BASE	59.00	114.00	120.00	21781	0.72	0.72	3.5	3.5
fdot100y10d	P200	BASE	59.50	114.00	120.00	21781	0.72	0.72	3.6	3.6
fdot100y10d	P200	BASE	60.00	114.00	120.00	21781	0.72	0.72	3.6	3.6
fdot100y10d	P200	BASE	60.50	114.00	120.00	21781	0.72	0.72	3.6	3.6
fdot100y10d	P200	BASE	61.00	114.00	120.00	21781	0.72	0.72	3.7	3.7
fdot100y10d	P200	BASE	61.50	114.00	120.00	21781	0.72	0.72	3.7	3.7
fdot100y10d	P200	BASE	62.00	114.00	120.00	21781	0.72	0.72	3.7	3.7
fdot100y10d	P200	BASE	62.50	114.00	120.00	21781	0.72	0.72	3.7	3.7
fdot100y10d	P200	BASE	63.00	114.00	120.00	21781	0.72	0.72	3.8	3.8
fdot100y10d	P200	BASE	63.50	114.00	120.00	21781	0.72	0.72	3.8	3.8
fdot100y10d	P200	BASE	64.00	114.00	120.00	21781	0.72	0.72	3.8	3.8
fdot100y10d	P200	BASE	64.50	114.00	120.00	21782	0.74	0.73	3.9	3.9
fdot100y10d	P200	BASE	65.00	114.00	120.00	21784	0.75	0.72	3.9	3.9
fdot100y10d	P200	BASE	65.50	114.01	120.00	21788	0.76	0.71	3.9	3.9
fdot100y10d	P200	BASE	66.00	114.01	120.00	21793	0.76	0.71	4.0	3.9
fdot100y10d	P200	BASE	66.50	114.02	120.00	21799	0.76	0.70	4.0	4.0
fdot100y10d	P200	BASE	67.00	114.02	120.00	21805	0.76	0.69	4.0	4.0
fdot100y10d	P200	BASE	67.50	114.03	120.00	21812	0.76	0.69	4.1	4.0
fdot100y10d	P200	BASE	68.00	114.03	120.00	21819	0.76	0.68	4.1	4.1
fdot100y10d	P200	BASE	68.50	114.04	120.00	21827	0.76	0.68	4.1	4.1
fdot100y10d	P200	BASE	69.00	114.05	120.00	21836	0.76	0.68	4.1	4.1
fdot100y10d	P200	BASE	69.50	114.05	120.00	21845	0.76	0.67	4.2	4.1
fdot100y10d	P200	BASE	70.00	114.06	120.00	21855	0.76	0.67	4.2	4.2
fdot100y10d	P200	BASE	70.50	114.07	120.00	21865	0.76	0.66	4.2	4.2
fdot100y10d	P200	BASE	71.00	114.08	120.00	21876	0.77	0.66	4.3	4.2
fdot100y10d	P200	BASE	71.50	114.09	120.00	21887	0.77	0.66	4.3	4.3

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	72.00	114.10	120.00	21898	0.77	0.65	4.3	4.3
fdot100y10d	P200	BASE	72.50	114.09	120.00	21894	0.43	0.64	4.4	4.3
fdot100y10d	P200	BASE	73.00	114.07	120.00	21864	0.28	0.62	4.4	4.3
fdot100y10d	P200	BASE	73.50	114.04	120.00	21827	0.21	0.60	4.4	4.4
fdot100y10d	P200	BASE	74.00	114.01	120.00	21787	0.20	0.59	4.4	4.4
fdot100y10d	P200	BASE	74.51	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	75.01	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	75.51	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	76.01	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	76.51	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	77.01	114.00	120.00	21780	0.20	0.20	4.4	4.4
fdot100y10d	P200	BASE	77.51	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	78.01	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	78.51	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	79.01	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	79.51	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	80.01	114.00	120.00	21780	0.20	0.20	4.5	4.5
fdot100y10d	P200	BASE	80.51	114.00	120.00	21780	0.18	0.18	4.5	4.5
fdot100y10d	P200	BASE	81.01	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	81.51	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	82.01	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	82.51	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	83.01	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	83.51	114.00	120.00	21780	0.17	0.17	4.5	4.5
fdot100y10d	P200	BASE	84.01	114.00	120.00	21780	0.17	0.17	4.5	4.6
fdot100y10d	P200	BASE	84.51	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	85.01	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	85.51	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	86.01	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	86.51	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	87.01	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	87.51	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	88.01	114.00	120.00	21780	0.17	0.17	4.6	4.6
fdot100y10d	P200	BASE	88.51	114.00	120.00	21780	0.19	0.19	4.6	4.6
fdot100y10d	P200	BASE	89.01	114.00	120.00	21780	0.20	0.20	4.6	4.6
fdot100y10d	P200	BASE	89.51	114.00	120.00	21780	0.20	0.20	4.6	4.6
fdot100y10d	P200	BASE	90.01	114.00	120.00	21780	0.20	0.20	4.6	4.6
fdot100y10d	P200	BASE	90.51	114.00	120.00	21780	0.20	0.20	4.6	4.6
fdot100y10d	P200	BASE	91.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	91.51	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	92.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	92.51	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	93.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	93.51	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	94.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	94.51	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	95.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	95.51	114.00	120.00	21780	0.20	0.20	4.7	4.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	96.01	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	96.51	114.00	120.00	21780	0.20	0.20	4.7	4.7
fdot100y10d	P200	BASE	97.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	97.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	98.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	98.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	99.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	99.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	100.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	100.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	101.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	101.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	102.01	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	102.51	114.00	120.00	21780	0.20	0.20	4.8	4.8
fdot100y10d	P200	BASE	103.01	114.00	120.00	21780	0.20	0.20	4.9	4.9
fdot100y10d	P200	BASE	103.51	114.00	120.00	21780	0.20	0.20	4.9	4.9
fdot100y10d	P200	BASE	104.01	114.00	120.00	21780	0.20	0.20	4.9	4.9
fdot100y10d	P200	BASE	104.51	114.00	120.00	21780	0.18	0.18	4.9	4.9
fdot100y10d	P200	BASE	105.01	114.00	120.00	21780	0.18	0.18	4.9	4.9
fdot100y10d	P200	BASE	105.51	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	106.01	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	106.51	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	107.01	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	107.51	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	108.01	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	108.51	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	109.01	114.00	120.00	21780	0.17	0.17	4.9	4.9
fdot100y10d	P200	BASE	109.51	114.00	120.00	21780	0.17	0.17	4.9	5.0
fdot100y10d	P200	BASE	110.01	114.00	120.00	21780	0.17	0.17	5.0	5.0
fdot100y10d	P200	BASE	110.51	114.00	120.00	21780	0.17	0.17	5.0	5.0
fdot100y10d	P200	BASE	111.01	114.00	120.00	21780	0.17	0.17	5.0	5.0
fdot100y10d	P200	BASE	111.51	114.00	120.00	21780	0.17	0.17	5.0	5.0
fdot100y10d	P200	BASE	112.01	114.00	120.00	21780	0.17	0.17	5.0	5.0
fdot100y10d	P200	BASE	112.51	114.00	120.00	21780	0.19	0.19	5.0	5.0
fdot100y10d	P200	BASE	113.01	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	113.51	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	114.01	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	114.51	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	115.01	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	115.51	114.00	120.00	21780	0.20	0.20	5.0	5.0
fdot100y10d	P200	BASE	116.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	116.51	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	117.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	117.51	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	118.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	118.51	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	119.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	119.51	114.00	120.00	21780	0.20	0.20	5.1	5.1

US 301 PD&E Basin 200
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	120.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	120.51	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	121.01	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	121.51	114.00	120.00	21780	0.20	0.20	5.1	5.1
fdot100y10d	P200	BASE	122.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	122.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	123.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	123.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	124.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	124.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	125.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	125.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	126.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	126.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	127.01	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	127.51	114.00	120.00	21780	0.20	0.20	5.2	5.2
fdot100y10d	P200	BASE	128.01	114.00	120.00	21780	0.20	0.20	5.3	5.3
fdot100y10d	P200	BASE	128.51	114.00	120.00	21780	0.19	0.19	5.3	5.3
fdot100y10d	P200	BASE	129.01	114.00	120.00	21780	0.18	0.18	5.3	5.3
fdot100y10d	P200	BASE	129.51	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	130.01	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	130.51	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	131.01	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	131.51	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	132.01	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	132.51	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	133.01	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	133.51	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	134.01	114.00	120.00	21780	0.17	0.17	5.3	5.3
fdot100y10d	P200	BASE	134.51	114.00	120.00	21780	0.17	0.17	5.3	5.4
fdot100y10d	P200	BASE	135.01	114.00	120.00	21780	0.17	0.17	5.4	5.4
fdot100y10d	P200	BASE	135.51	114.00	120.00	21780	0.17	0.17	5.4	5.4
fdot100y10d	P200	BASE	136.01	114.00	120.00	21780	0.17	0.17	5.4	5.4
fdot100y10d	P200	BASE	136.51	114.00	120.00	21780	0.19	0.19	5.4	5.4
fdot100y10d	P200	BASE	137.01	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	137.51	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	138.01	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	138.51	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	139.01	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	139.51	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	140.01	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	140.51	114.00	120.00	21780	0.20	0.20	5.4	5.4
fdot100y10d	P200	BASE	141.01	114.00	120.00	21780	0.20	0.20	5.5	5.5
fdot100y10d	P200	BASE	141.51	114.00	120.00	21780	0.20	0.20	5.5	5.5
fdot100y10d	P200	BASE	142.01	114.00	120.00	21780	0.20	0.20	5.5	5.5
fdot100y10d	P200	BASE	142.51	114.00	120.00	21780	0.20	0.20	5.5	5.5
fdot100y10d	P200	BASE	143.01	114.00	120.00	21780	0.20	0.20	5.5	5.5
fdot100y10d	P200	BASE	143.51	114.00	120.00	21780	0.20	0.20	5.5	5.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	144.01	114.00	120.00	21780	0.21	0.21	5.5	5.5
fdot100y10d	P200	BASE	144.51	114.00	120.00	21781	0.43	0.38	5.5	5.5
fdot100y10d	P200	BASE	145.01	114.01	120.00	21793	0.53	0.38	5.5	5.5
fdot100y10d	P200	BASE	145.50	114.02	120.00	21810	0.57	0.39	5.6	5.5
fdot100y10d	P200	BASE	146.01	114.04	120.00	21829	0.58	0.39	5.6	5.6
fdot100y10d	P200	BASE	146.50	114.06	120.00	21849	0.58	0.39	5.6	5.6
fdot100y10d	P200	BASE	147.01	114.07	120.00	21868	0.58	0.40	5.6	5.6
fdot100y10d	P200	BASE	147.50	114.09	120.00	21887	0.59	0.40	5.7	5.6
fdot100y10d	P200	BASE	148.01	114.10	120.00	21906	0.59	0.40	5.7	5.6
fdot100y10d	P200	BASE	148.50	114.12	120.00	21924	0.59	0.40	5.7	5.6
fdot100y10d	P200	BASE	149.01	114.13	120.00	21943	0.59	0.40	5.7	5.7
fdot100y10d	P200	BASE	149.50	114.15	120.00	21962	0.59	0.40	5.8	5.7
fdot100y10d	P200	BASE	150.01	114.16	120.00	21980	0.59	0.40	5.8	5.7
fdot100y10d	P200	BASE	150.50	114.18	120.00	21998	0.59	0.41	5.8	5.7
fdot100y10d	P200	BASE	151.01	114.19	120.00	22017	0.59	0.41	5.8	5.7
fdot100y10d	P200	BASE	151.50	114.21	120.00	22035	0.59	0.41	5.8	5.7
fdot100y10d	P200	BASE	152.01	114.22	120.00	22053	0.59	0.41	5.9	5.8
fdot100y10d	P200	BASE	152.50	114.24	120.00	22071	0.59	0.41	5.9	5.8
fdot100y10d	P200	BASE	153.01	114.25	120.00	22089	0.59	0.41	5.9	5.8
fdot100y10d	P200	BASE	153.50	114.26	120.00	22107	0.59	0.41	5.9	5.8
fdot100y10d	P200	BASE	154.01	114.28	120.00	22124	0.59	0.41	6.0	5.8
fdot100y10d	P200	BASE	154.50	114.29	120.00	22142	0.59	0.41	6.0	5.8
fdot100y10d	P200	BASE	155.01	114.31	120.00	22160	0.59	0.41	6.0	5.9
fdot100y10d	P200	BASE	155.50	114.32	120.00	22177	0.59	0.41	6.0	5.9
fdot100y10d	P200	BASE	156.01	114.34	120.00	22195	0.59	0.41	6.1	5.9
fdot100y10d	P200	BASE	156.50	114.35	120.00	22212	0.59	0.41	6.1	5.9
fdot100y10d	P200	BASE	157.01	114.36	120.00	22230	0.59	0.41	6.1	5.9
fdot100y10d	P200	BASE	157.50	114.38	120.00	22247	0.59	0.41	6.1	6.0
fdot100y10d	P200	BASE	158.01	114.39	120.00	22265	0.59	0.41	6.2	6.0
fdot100y10d	P200	BASE	158.50	114.41	120.00	22282	0.59	0.41	6.2	6.0
fdot100y10d	P200	BASE	159.01	114.42	120.00	22299	0.59	0.41	6.2	6.0
fdot100y10d	P200	BASE	159.50	114.43	120.00	22316	0.59	0.42	6.2	6.0
fdot100y10d	P200	BASE	160.01	114.45	120.00	22334	0.59	0.42	6.3	6.0
fdot100y10d	P200	BASE	160.50	114.46	120.00	22351	0.59	0.42	6.3	6.1
fdot100y10d	P200	BASE	161.01	114.48	120.00	22368	0.59	0.42	6.3	6.1
fdot100y10d	P200	BASE	161.50	114.49	120.00	22386	0.59	0.42	6.3	6.1
fdot100y10d	P200	BASE	162.01	114.50	120.00	22403	0.59	0.42	6.4	6.1
fdot100y10d	P200	BASE	162.50	114.52	120.00	22420	0.59	0.42	6.4	6.1
fdot100y10d	P200	BASE	163.01	114.53	120.00	22438	0.59	0.42	6.4	6.1
fdot100y10d	P200	BASE	163.50	114.55	120.00	22455	0.59	0.42	6.4	6.2
fdot100y10d	P200	BASE	164.01	114.56	120.00	22472	0.59	0.42	6.5	6.2
fdot100y10d	P200	BASE	164.50	114.57	120.00	22489	0.59	0.42	6.5	6.2
fdot100y10d	P200	BASE	165.01	114.59	120.00	22506	0.59	0.42	6.5	6.2
fdot100y10d	P200	BASE	165.50	114.60	120.00	22523	0.59	0.42	6.5	6.2
fdot100y10d	P200	BASE	166.01	114.62	120.00	22541	0.59	0.42	6.6	6.2
fdot100y10d	P200	BASE	166.50	114.63	120.00	22557	0.59	0.42	6.6	6.3
fdot100y10d	P200	BASE	167.01	114.64	120.00	22575	0.59	0.42	6.6	6.3
fdot100y10d	P200	BASE	167.50	114.66	120.00	22591	0.59	0.42	6.6	6.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	168.01	114.67	120.00	22609	0.60	0.42	6.7	6.3
fdot100y10d	P200	BASE	168.50	114.72	120.00	22668	1.52	0.45	6.7	6.3
fdot100y10d	P200	BASE	169.00	114.82	120.00	22793	1.93	0.49	6.8	6.4
fdot100y10d	P200	BASE	169.50	114.94	120.00	22940	2.10	0.53	6.8	6.4
fdot100y10d	P200	BASE	170.00	115.06	120.00	23094	2.15	0.55	6.9	6.4
fdot100y10d	P200	BASE	170.50	115.19	120.00	23246	2.15	0.57	7.0	6.4
fdot100y10d	P200	BASE	171.00	115.31	120.00	23395	2.15	0.59	7.1	6.4
fdot100y10d	P200	BASE	171.50	115.43	120.00	23542	2.15	0.61	7.2	6.5
fdot100y10d	P200	BASE	172.00	115.54	120.00	23686	2.15	0.62	7.3	6.5
fdot100y10d	P200	BASE	172.50	115.66	120.00	23829	2.16	0.64	7.4	6.5
fdot100y10d	P200	BASE	173.00	115.77	120.00	23969	2.16	0.65	7.5	6.5
fdot100y10d	P200	BASE	173.50	115.89	120.00	24108	2.16	0.66	7.6	6.6
fdot100y10d	P200	BASE	174.00	116.00	120.00	24245	2.16	0.68	7.6	6.6
fdot100y10d	P200	BASE	174.50	116.11	120.00	24381	2.16	0.69	7.7	6.6
fdot100y10d	P200	BASE	175.00	116.22	120.00	24515	2.17	0.70	7.8	6.7
fdot100y10d	P200	BASE	175.50	116.32	120.00	24647	2.17	0.71	7.9	6.7
fdot100y10d	P200	BASE	176.00	116.43	120.00	24778	2.18	0.72	8.0	6.7
fdot100y10d	P200	BASE	176.50	116.66	120.00	25063	5.89	0.84	8.2	6.7
fdot100y10d	P200	BASE	177.00	117.08	120.00	25580	7.49	1.01	8.5	6.8
fdot100y10d	P200	BASE	177.50	117.55	120.00	26165	8.18	1.14	8.8	6.8
fdot100y10d	P200	BASE	178.00	118.04	120.00	26761	8.37	1.25	9.1	6.9
fdot100y10d	P200	BASE	178.50	118.51	120.00	27343	8.39	1.34	9.5	6.9
fdot100y10d	P200	BASE	179.00	118.96	120.00	27907	8.40	1.42	9.8	7.0
fdot100y10d	P200	BASE	179.50	119.41	120.00	28456	8.42	1.48	10.2	7.0
fdot100y10d	P200	BASE	180.00	119.84	120.00	28990	8.44	1.55	10.5	7.1
fdot100y10d	P200	BASE	180.50	120.19	120.00	29422	8.45	5.55	10.9	7.3
fdot100y10d	P200	BASE	181.00	120.27	120.00	29518	8.46	8.07	11.2	7.5
fdot100y10d	P200	BASE	181.51	120.28	120.00	29532	8.48	8.40	11.6	7.9
fdot100y10d	P200	BASE	182.01	120.28	120.00	29536	8.49	8.46	11.9	8.2
fdot100y10d	P200	BASE	182.51	120.29	120.00	29538	8.50	8.48	12.3	8.6
fdot100y10d	P200	BASE	183.01	120.29	120.00	29539	8.51	8.49	12.6	8.9
fdot100y10d	P200	BASE	183.51	120.29	120.00	29541	8.52	8.51	13.0	9.3
fdot100y10d	P200	BASE	184.01	120.29	120.00	29542	8.50	8.51	13.3	9.6
fdot100y10d	P200	BASE	184.50	120.23	120.00	29463	4.44	6.11	13.6	9.9
fdot100y10d	P200	BASE	185.00	120.14	120.00	29363	2.59	3.56	13.7	10.1
fdot100y10d	P200	BASE	185.50	120.10	120.00	29305	1.81	2.38	13.8	10.3
fdot100y10d	P200	BASE	186.00	120.07	120.00	29275	1.62	1.86	13.9	10.3
fdot100y10d	P200	BASE	186.50	120.06	120.00	29265	1.62	1.69	14.0	10.4
fdot100y10d	P200	BASE	187.00	120.06	120.00	29261	1.62	1.64	14.0	10.5
fdot100y10d	P200	BASE	187.50	120.06	120.00	29261	1.62	1.62	14.1	10.6
fdot100y10d	P200	BASE	188.00	120.06	120.00	29261	1.62	1.61	14.2	10.6
fdot100y10d	P200	BASE	188.50	120.06	120.00	29261	1.62	1.61	14.2	10.7
fdot100y10d	P200	BASE	189.00	120.06	120.00	29262	1.62	1.61	14.3	10.8
fdot100y10d	P200	BASE	189.50	120.06	120.00	29262	1.62	1.61	14.4	10.8
fdot100y10d	P200	BASE	190.00	120.06	120.00	29263	1.62	1.61	14.4	10.9
fdot100y10d	P200	BASE	190.50	120.06	120.00	29263	1.62	1.61	14.5	11.0
fdot100y10d	P200	BASE	191.00	120.06	120.00	29264	1.62	1.61	14.6	11.0
fdot100y10d	P200	BASE	191.50	120.06	120.00	29264	1.62	1.61	14.6	11.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	192.00	120.06	120.00	29265	1.62	1.61	14.7	11.2
fdot100y10d	P200	BASE	192.50	120.06	120.00	29256	1.26	1.47	14.7	11.2
fdot100y10d	P200	BASE	193.00	120.05	120.00	29241	1.11	1.27	14.8	11.3
fdot100y10d	P200	BASE	193.50	120.04	120.00	29231	1.04	1.14	14.8	11.3
fdot100y10d	P200	BASE	194.00	120.03	120.00	29226	1.03	1.08	14.9	11.4
fdot100y10d	P200	BASE	194.50	120.03	120.00	29223	1.03	1.05	14.9	11.4
fdot100y10d	P200	BASE	195.00	120.03	120.00	29222	1.03	1.03	15.0	11.5
fdot100y10d	P200	BASE	195.50	120.03	120.00	29222	1.03	1.03	15.0	11.5
fdot100y10d	P200	BASE	196.00	120.03	120.00	29222	1.03	1.03	15.1	11.5
fdot100y10d	P200	BASE	196.50	120.03	120.00	29222	1.03	1.02	15.1	11.6
fdot100y10d	P200	BASE	197.00	120.03	120.00	29223	1.03	1.02	15.1	11.6
fdot100y10d	P200	BASE	197.50	120.03	120.00	29223	1.03	1.02	15.2	11.7
fdot100y10d	P200	BASE	198.00	120.03	120.00	29224	1.03	1.02	15.2	11.7
fdot100y10d	P200	BASE	198.50	120.03	120.00	29224	1.03	1.02	15.3	11.8
fdot100y10d	P200	BASE	199.00	120.03	120.00	29224	1.03	1.02	15.3	11.8
fdot100y10d	P200	BASE	199.50	120.03	120.00	29225	1.03	1.02	15.4	11.8
fdot100y10d	P200	BASE	200.00	120.03	120.00	29225	1.03	1.02	15.4	11.9
fdot100y10d	P200	BASE	200.50	120.03	120.00	29225	1.03	1.02	15.4	11.9
fdot100y10d	P200	BASE	201.00	120.03	120.00	29226	1.03	1.02	15.5	12.0
fdot100y10d	P200	BASE	201.50	120.03	120.00	29226	1.03	1.02	15.5	12.0
fdot100y10d	P200	BASE	202.00	120.03	120.00	29226	1.03	1.02	15.6	12.0
fdot100y10d	P200	BASE	202.50	120.03	120.00	29227	1.03	1.02	15.6	12.1
fdot100y10d	P200	BASE	203.00	120.03	120.00	29227	1.03	1.02	15.6	12.1
fdot100y10d	P200	BASE	203.50	120.03	120.00	29227	1.03	1.02	15.7	12.2
fdot100y10d	P200	BASE	204.00	120.03	120.00	29227	1.03	1.02	15.7	12.2
fdot100y10d	P200	BASE	204.50	120.03	120.00	29228	1.03	1.02	15.8	12.3
fdot100y10d	P200	BASE	205.00	120.03	120.00	29228	1.03	1.02	15.8	12.3
fdot100y10d	P200	BASE	205.50	120.03	120.00	29228	1.03	1.02	15.9	12.3
fdot100y10d	P200	BASE	206.00	120.04	120.00	29229	1.03	1.02	15.9	12.4
fdot100y10d	P200	BASE	206.50	120.04	120.00	29229	1.03	1.02	15.9	12.4
fdot100y10d	P200	BASE	207.00	120.04	120.00	29229	1.03	1.02	16.0	12.5
fdot100y10d	P200	BASE	207.50	120.04	120.00	29229	1.03	1.02	16.0	12.5
fdot100y10d	P200	BASE	208.00	120.04	120.00	29230	1.03	1.02	16.1	12.6
fdot100y10d	P200	BASE	208.50	120.04	120.00	29230	1.05	1.03	16.1	12.6
fdot100y10d	P200	BASE	209.00	120.04	120.00	29232	1.06	1.04	16.2	12.6
fdot100y10d	P200	BASE	209.50	120.04	120.00	29233	1.06	1.05	16.2	12.7
fdot100y10d	P200	BASE	210.00	120.04	120.00	29233	1.06	1.06	16.2	12.7
fdot100y10d	P200	BASE	210.50	120.04	120.00	29234	1.06	1.06	16.3	12.8
fdot100y10d	P200	BASE	211.00	120.04	120.00	29234	1.06	1.06	16.3	12.8
fdot100y10d	P200	BASE	211.50	120.04	120.00	29234	1.06	1.06	16.4	12.9
fdot100y10d	P200	BASE	212.00	120.04	120.00	29234	1.06	1.06	16.4	12.9
fdot100y10d	P200	BASE	212.50	120.04	120.00	29235	1.06	1.06	16.5	12.9
fdot100y10d	P200	BASE	213.00	120.04	120.00	29235	1.06	1.06	16.5	13.0
fdot100y10d	P200	BASE	213.50	120.04	120.00	29235	1.06	1.06	16.6	13.0
fdot100y10d	P200	BASE	214.00	120.04	120.00	29235	1.06	1.06	16.6	13.1
fdot100y10d	P200	BASE	214.50	120.04	120.00	29235	1.06	1.06	16.6	13.1
fdot100y10d	P200	BASE	215.00	120.04	120.00	29236	1.06	1.06	16.7	13.2
fdot100y10d	P200	BASE	215.50	120.04	120.00	29236	1.06	1.06	16.7	13.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	216.00	120.04	120.00	29236	1.06	1.06	16.8	13.3
fdot100y10d	P200	BASE	216.50	120.03	120.00	29225	0.67	0.93	16.8	13.3
fdot100y10d	P200	BASE	217.01	120.02	120.00	29205	0.50	0.74	16.8	13.3
fdot100y10d	P200	BASE	217.50	120.00	120.00	29188	0.42	0.64	16.9	13.4
fdot100y10d	P200	BASE	218.01	119.99	120.00	29171	0.41	0.63	16.9	13.4
fdot100y10d	P200	BASE	218.50	119.98	120.00	29154	0.41	0.63	16.9	13.4
fdot100y10d	P200	BASE	219.01	119.96	120.00	29138	0.41	0.62	16.9	13.4
fdot100y10d	P200	BASE	219.50	119.95	120.00	29122	0.41	0.62	16.9	13.5
fdot100y10d	P200	BASE	220.01	119.94	120.00	29106	0.41	0.61	16.9	13.5
fdot100y10d	P200	BASE	220.50	119.92	120.00	29090	0.41	0.61	17.0	13.5
fdot100y10d	P200	BASE	221.01	119.91	120.00	29075	0.41	0.61	17.0	13.5
fdot100y10d	P200	BASE	221.50	119.90	120.00	29060	0.41	0.60	17.0	13.6
fdot100y10d	P200	BASE	222.01	119.89	120.00	29045	0.41	0.60	17.0	13.6
fdot100y10d	P200	BASE	222.50	119.87	120.00	29030	0.41	0.60	17.0	13.6
fdot100y10d	P200	BASE	223.01	119.86	120.00	29016	0.41	0.59	17.0	13.6
fdot100y10d	P200	BASE	223.50	119.85	120.00	29002	0.41	0.59	17.1	13.7
fdot100y10d	P200	BASE	224.01	119.84	120.00	28988	0.41	0.59	17.1	13.7
fdot100y10d	P200	BASE	224.50	119.83	120.00	28974	0.41	0.58	17.1	13.7
fdot100y10d	P200	BASE	225.01	119.82	120.00	28960	0.41	0.58	17.1	13.7
fdot100y10d	P200	BASE	225.50	119.81	120.00	28947	0.41	0.58	17.1	13.8
fdot100y10d	P200	BASE	226.01	119.80	120.00	28934	0.41	0.58	17.1	13.8
fdot100y10d	P200	BASE	226.50	119.79	120.00	28921	0.41	0.57	17.2	13.8
fdot100y10d	P200	BASE	227.01	119.78	120.00	28908	0.41	0.57	17.2	13.8
fdot100y10d	P200	BASE	227.50	119.77	120.00	28895	0.41	0.57	17.2	13.9
fdot100y10d	P200	BASE	228.01	119.75	120.00	28883	0.41	0.57	17.2	13.9
fdot100y10d	P200	BASE	228.50	119.74	120.00	28870	0.41	0.56	17.2	13.9
fdot100y10d	P200	BASE	229.01	119.74	120.00	28858	0.41	0.56	17.2	13.9
fdot100y10d	P200	BASE	229.50	119.73	120.00	28846	0.41	0.56	17.3	13.9
fdot100y10d	P200	BASE	230.01	119.72	120.00	28834	0.41	0.56	17.3	14.0
fdot100y10d	P200	BASE	230.50	119.71	120.00	28823	0.41	0.56	17.3	14.0
fdot100y10d	P200	BASE	231.00	119.70	120.00	28811	0.41	0.55	17.3	14.0
fdot100y10d	P200	BASE	231.50	119.69	120.00	28800	0.41	0.55	17.3	14.0
fdot100y10d	P200	BASE	232.00	119.68	120.00	28789	0.41	0.55	17.3	14.1
fdot100y10d	P200	BASE	232.50	119.67	120.00	28779	0.42	0.55	17.4	14.1
fdot100y10d	P200	BASE	233.00	119.66	120.00	28770	0.43	0.55	17.4	14.1
fdot100y10d	P200	BASE	233.50	119.66	120.00	28761	0.44	0.54	17.4	14.1
fdot100y10d	P200	BASE	234.00	119.65	120.00	28753	0.44	0.54	17.4	14.2
fdot100y10d	P200	BASE	234.50	119.64	120.00	28745	0.44	0.54	17.4	14.2
fdot100y10d	P200	BASE	235.00	119.64	120.00	28737	0.44	0.54	17.4	14.2
fdot100y10d	P200	BASE	235.50	119.63	120.00	28729	0.44	0.54	17.5	14.2
fdot100y10d	P200	BASE	236.00	119.62	120.00	28721	0.44	0.54	17.5	14.2
fdot100y10d	P200	BASE	236.50	119.62	120.00	28714	0.44	0.54	17.5	14.3
fdot100y10d	P200	BASE	237.00	119.61	120.00	28706	0.44	0.53	17.5	14.3
fdot100y10d	P200	BASE	237.50	119.61	120.00	28699	0.44	0.53	17.5	14.3
fdot100y10d	P200	BASE	238.00	119.60	120.00	28692	0.44	0.53	17.6	14.3
fdot100y10d	P200	BASE	238.50	119.59	120.00	28684	0.44	0.53	17.6	14.4
fdot100y10d	P200	BASE	239.00	119.59	120.00	28677	0.44	0.53	17.6	14.4
fdot100y10d	P200	BASE	239.50	119.58	120.00	28670	0.44	0.53	17.6	14.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	240.00	119.58	120.00	28664	0.44	0.53	17.6	14.4
fdot100y10d	P200	BASE	240.50	119.56	120.00	28647	0.17	0.52	17.6	14.4
fdot100y10d	P200	BASE	241.00	119.54	120.00	28616	0.06	0.50	17.6	14.5
fdot100y10d	P200	BASE	241.51	119.51	120.00	28580	0.01	0.49	17.6	14.5
fdot100y10d	P200	BASE	242.00	119.48	120.00	28542	0.00	0.49	17.6	14.5
fdot100y10d	P200	BASE	242.50	119.45	120.00	28505	0.00	0.48	17.6	14.5
fdot100y10d	P200	BASE	243.00	119.42	120.00	28468	0.00	0.47	17.6	14.5
fdot100y10d	P200	BASE	243.51	119.39	120.00	28431	0.00	0.47	17.6	14.6
fdot100y10d	P200	BASE	244.00	119.36	120.00	28394	0.00	0.46	17.6	14.6
fdot100y10d	P200	BASE	244.50	119.33	120.00	28358	0.00	0.46	17.6	14.6
fdot100y10d	P200	BASE	245.00	119.30	120.00	28323	0.00	0.45	17.6	14.6
fdot100y10d	P200	BASE	245.51	119.27	120.00	28287	0.00	0.45	17.6	14.6
fdot100y10d	P200	BASE	246.00	119.24	120.00	28252	0.00	0.44	17.6	14.7
fdot100y10d	P200	BASE	246.50	119.22	120.00	28218	0.00	0.44	17.6	14.7
fdot100y10d	P200	BASE	247.00	119.19	120.00	28183	0.00	0.44	17.6	14.7
fdot100y10d	P200	BASE	247.51	119.16	120.00	28149	0.00	0.43	17.6	14.7
fdot100y10d	P200	BASE	248.01	119.13	120.00	28115	0.00	0.43	17.6	14.7
fdot100y10d	P200	BASE	248.50	119.11	120.00	28081	0.00	0.42	17.6	14.7
fdot100y10d	P200	BASE	249.00	119.08	120.00	28048	0.00	0.42	17.6	14.8
fdot100y10d	P200	BASE	249.50	119.05	120.00	28015	0.00	0.42	17.6	14.8
fdot100y10d	P200	BASE	250.01	119.02	120.00	27981	0.00	0.41	17.6	14.8
fdot100y10d	P200	BASE	250.50	119.00	120.00	27949	0.00	0.41	17.6	14.8
fdot100y10d	P200	BASE	251.00	118.97	120.00	27916	0.00	0.41	17.6	14.8
fdot100y10d	P200	BASE	251.50	118.95	120.00	27884	0.00	0.40	17.6	14.8
fdot100y10d	P200	BASE	252.01	118.92	120.00	27852	0.00	0.40	17.6	14.9
fdot100y10d	P200	BASE	252.50	118.89	120.00	27820	0.00	0.40	17.6	14.9
fdot100y10d	P200	BASE	253.00	118.87	120.00	27788	0.00	0.40	17.6	14.9
fdot100y10d	P200	BASE	253.50	118.84	120.00	27757	0.00	0.39	17.6	14.9
fdot100y10d	P200	BASE	254.01	118.82	120.00	27725	0.00	0.39	17.6	14.9
fdot100y10d	P200	BASE	254.50	118.79	120.00	27694	0.00	0.39	17.6	14.9
fdot100y10d	P200	BASE	255.00	118.77	120.00	27664	0.00	0.38	17.6	15.0
fdot100y10d	P200	BASE	255.50	118.74	120.00	27633	0.00	0.38	17.6	15.0
fdot100y10d	P200	BASE	256.01	118.72	120.00	27602	0.00	0.38	17.6	15.0
fdot100y10d	P200	BASE	256.50	118.69	120.00	27572	0.00	0.38	17.6	15.0
fdot100y10d	P200	BASE	257.00	118.67	120.00	27542	0.00	0.37	17.6	15.0
fdot100y10d	P200	BASE	257.50	118.64	120.00	27512	0.00	0.37	17.6	15.0
fdot100y10d	P200	BASE	258.01	118.62	120.00	27482	0.00	0.37	17.6	15.1
fdot100y10d	P200	BASE	258.50	118.60	120.00	27452	0.00	0.37	17.6	15.1
fdot100y10d	P200	BASE	259.00	118.57	120.00	27423	0.00	0.36	17.6	15.1
fdot100y10d	P200	BASE	259.50	118.55	120.00	27394	0.00	0.36	17.6	15.1
fdot100y10d	P200	BASE	260.01	118.52	120.00	27364	0.00	0.36	17.6	15.1
fdot100y10d	P200	BASE	260.50	118.50	120.00	27335	0.00	0.36	17.6	15.1
fdot100y10d	P200	BASE	261.00	118.48	120.00	27307	0.00	0.35	17.6	15.1
fdot100y10d	P200	BASE	261.50	118.45	120.00	27278	0.00	0.35	17.6	15.2
fdot100y10d	P200	BASE	262.01	118.43	120.00	27249	0.00	0.35	17.6	15.2
fdot100y10d	P200	BASE	262.50	118.41	120.00	27221	0.00	0.35	17.6	15.2
fdot100y10d	P200	BASE	263.00	118.39	120.00	27193	0.00	0.34	17.6	15.2
fdot100y10d	P200	BASE	263.50	118.36	120.00	27165	0.00	0.34	17.6	15.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	264.01	118.34	120.00	27137	0.00	0.34	17.6	15.2
fdot100y10d	P200	BASE	264.51	118.32	120.00	27109	0.00	0.34	17.6	15.2
fdot100y10d	P200	BASE	265.00	118.30	120.00	27082	0.00	0.34	17.6	15.3
fdot100y10d	P200	BASE	265.50	118.27	120.00	27054	0.00	0.33	17.6	15.3
fdot100y10d	P200	BASE	266.00	118.25	120.00	27027	0.00	0.33	17.6	15.3
fdot100y10d	P200	BASE	266.51	118.23	120.00	26999	0.00	0.33	17.6	15.3
fdot100y10d	P200	BASE	267.00	118.21	120.00	26973	0.00	0.33	17.6	15.3
fdot100y10d	P200	BASE	267.50	118.19	120.00	26946	0.00	0.33	17.6	15.3
fdot100y10d	P200	BASE	268.00	118.16	120.00	26919	0.00	0.32	17.6	15.3
fdot100y10d	P200	BASE	268.51	118.14	120.00	26892	0.00	0.32	17.6	15.3
fdot100y10d	P200	BASE	269.00	118.12	120.00	26866	0.00	0.32	17.6	15.4
fdot100y10d	P200	BASE	269.50	118.10	120.00	26839	0.00	0.32	17.6	15.4
fdot100y10d	P200	BASE	270.00	118.08	120.00	26813	0.00	0.32	17.6	15.4
fdot100y10d	P200	BASE	270.51	118.06	120.00	26787	0.00	0.31	17.6	15.4
fdot100y10d	P200	BASE	271.00	118.04	120.00	26761	0.00	0.31	17.6	15.4
fdot100y10d	P200	BASE	271.50	118.01	120.00	26735	0.00	0.31	17.6	15.4
fdot100y10d	P200	BASE	272.00	117.99	120.00	26710	0.00	0.31	17.6	15.4
fdot100y10d	P200	BASE	272.51	117.97	120.00	26684	0.00	0.31	17.6	15.5
fdot100y10d	P200	BASE	273.00	117.95	120.00	26658	0.00	0.31	17.6	15.5
fdot100y10d	P200	BASE	273.50	117.93	120.00	26633	0.00	0.30	17.6	15.5
fdot100y10d	P200	BASE	274.00	117.91	120.00	26608	0.00	0.30	17.6	15.5
fdot100y10d	P200	BASE	274.51	117.89	120.00	26582	0.00	0.30	17.6	15.5
fdot100y10d	P200	BASE	275.00	117.87	120.00	26558	0.00	0.30	17.6	15.5
fdot100y10d	P200	BASE	275.50	117.85	120.00	26533	0.00	0.30	17.6	15.5
fdot100y10d	P200	BASE	276.00	117.83	120.00	26508	0.00	0.29	17.6	15.5
fdot100y10d	P200	BASE	276.51	117.81	120.00	26483	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	277.00	117.79	120.00	26459	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	277.50	117.77	120.00	26434	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	278.00	117.75	120.00	26410	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	278.51	117.73	120.00	26386	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	279.00	117.71	120.00	26362	0.00	0.29	17.6	15.6
fdot100y10d	P200	BASE	279.50	117.69	120.00	26338	0.00	0.28	17.6	15.6
fdot100y10d	P200	BASE	280.00	117.67	120.00	26314	0.00	0.28	17.6	15.6
fdot100y10d	P200	BASE	280.51	117.65	120.00	26290	0.00	0.28	17.6	15.6
fdot100y10d	P200	BASE	281.01	117.63	120.00	26266	0.00	0.28	17.6	15.7
fdot100y10d	P200	BASE	281.50	117.62	120.00	26243	0.00	0.28	17.6	15.7
fdot100y10d	P200	BASE	282.00	117.60	120.00	26219	0.00	0.28	17.6	15.7
fdot100y10d	P200	BASE	282.50	117.58	120.00	26196	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	283.01	117.56	120.00	26173	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	283.50	117.54	120.00	26149	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	284.00	117.52	120.00	26126	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	284.50	117.50	120.00	26104	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	285.01	117.48	120.00	26080	0.00	0.27	17.6	15.7
fdot100y10d	P200	BASE	285.50	117.47	120.00	26058	0.00	0.27	17.6	15.8
fdot100y10d	P200	BASE	286.00	117.45	120.00	26035	0.00	0.27	17.6	15.8
fdot100y10d	P200	BASE	286.51	117.43	120.00	26012	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	287.00	117.41	120.00	25990	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	287.50	117.39	120.00	25968	0.00	0.26	17.6	15.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	288.01	117.37	120.00	25945	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	288.50	117.36	120.00	25923	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	289.01	117.34	120.00	25901	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	289.50	117.32	120.00	25879	0.00	0.26	17.6	15.8
fdot100y10d	P200	BASE	290.00	117.30	120.00	25857	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	290.51	117.29	120.00	25835	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	291.00	117.27	120.00	25814	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	291.51	117.25	120.00	25792	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	292.00	117.23	120.00	25770	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	292.50	117.22	120.00	25749	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	293.01	117.20	120.00	25727	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	293.50	117.18	120.00	25706	0.00	0.25	17.6	15.9
fdot100y10d	P200	BASE	294.01	117.16	120.00	25685	0.00	0.24	17.6	15.9
fdot100y10d	P200	BASE	294.50	117.15	120.00	25664	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	295.00	117.13	120.00	25643	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	295.51	117.11	120.00	25621	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	296.00	117.10	120.00	25601	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	296.51	117.08	120.00	25580	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	297.00	117.06	120.00	25559	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	297.51	117.05	120.00	25538	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	298.00	117.03	120.00	25518	0.00	0.24	17.6	16.0
fdot100y10d	P200	BASE	298.50	117.01	120.00	25497	0.00	0.23	17.6	16.0
fdot100y10d	P200	BASE	299.01	117.00	120.00	25477	0.00	0.23	17.6	16.0
fdot100y10d	P200	BASE	299.50	116.98	120.00	25457	0.00	0.23	17.6	16.0
fdot100y10d	P200	BASE	300.01	116.96	120.00	25436	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	300.50	116.95	120.00	25416	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	301.00	116.93	120.00	25396	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	301.51	116.91	120.00	25376	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	302.00	116.90	120.00	25356	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	302.51	116.88	120.00	25336	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	303.00	116.87	120.00	25317	0.00	0.23	17.6	16.1
fdot100y10d	P200	BASE	303.50	116.85	120.00	25297	0.00	0.22	17.6	16.1
fdot100y10d	P200	BASE	304.01	116.83	120.00	25277	0.00	0.22	17.6	16.1
fdot100y10d	P200	BASE	304.50	116.82	120.00	25257	0.00	0.22	17.6	16.1
fdot100y10d	P200	BASE	305.01	116.80	120.00	25238	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	305.50	116.79	120.00	25219	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	306.00	116.77	120.00	25199	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	306.51	116.75	120.00	25180	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	307.00	116.74	120.00	25161	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	307.51	116.72	120.00	25141	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	308.00	116.71	120.00	25122	0.00	0.22	17.6	16.2
fdot100y10d	P200	BASE	308.50	116.69	120.00	25103	0.00	0.21	17.6	16.2
fdot100y10d	P200	BASE	309.01	116.68	120.00	25084	0.00	0.21	17.6	16.2
fdot100y10d	P200	BASE	309.50	116.66	120.00	25065	0.00	0.21	17.6	16.2
fdot100y10d	P200	BASE	310.01	116.65	120.00	25046	0.00	0.21	17.6	16.2
fdot100y10d	P200	BASE	310.50	116.63	120.00	25028	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	311.00	116.62	120.00	25009	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	311.51	116.60	120.00	24990	0.00	0.21	17.6	16.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	312.00	116.59	120.00	24972	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	312.51	116.57	120.00	24953	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	313.00	116.56	120.00	24935	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	313.51	116.54	120.00	24916	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	314.00	116.53	120.00	24898	0.00	0.21	17.6	16.3
fdot100y10d	P200	BASE	314.50	116.51	120.00	24880	0.00	0.20	17.6	16.3
fdot100y10d	P200	BASE	315.01	116.50	120.00	24861	0.00	0.20	17.6	16.3
fdot100y10d	P200	BASE	315.50	116.48	120.00	24843	0.00	0.20	17.6	16.3
fdot100y10d	P200	BASE	316.00	116.47	120.00	24825	0.00	0.20	17.6	16.3
fdot100y10d	P200	BASE	316.50	116.45	120.00	24807	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	317.00	116.44	120.00	24789	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	317.51	116.42	120.00	24771	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	318.01	116.41	120.00	24754	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	318.51	116.39	120.00	24736	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	319.01	116.38	120.00	24718	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	319.51	116.37	120.00	24700	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	320.00	116.35	120.00	24683	0.00	0.20	17.6	16.4
fdot100y10d	P200	BASE	320.50	116.34	120.00	24665	0.00	0.19	17.6	16.4
fdot100y10d	P200	BASE	321.00	116.32	120.00	24648	0.00	0.19	17.6	16.4
fdot100y10d	P200	BASE	321.51	116.31	120.00	24630	0.00	0.19	17.6	16.4
fdot100y10d	P200	BASE	322.01	116.30	120.00	24613	0.00	0.19	17.6	16.4
fdot100y10d	P200	BASE	322.51	116.28	120.00	24596	0.00	0.19	17.6	16.4
fdot100y10d	P200	BASE	323.01	116.27	120.00	24578	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	323.51	116.25	120.00	24561	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	324.00	116.24	120.00	24544	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	324.50	116.23	120.00	24527	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	325.00	116.21	120.00	24510	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	325.51	116.20	120.00	24493	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	326.01	116.18	120.00	24476	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	326.51	116.17	120.00	24459	0.00	0.19	17.6	16.5
fdot100y10d	P200	BASE	327.01	116.16	120.00	24442	0.00	0.18	17.6	16.5
fdot100y10d	P200	BASE	327.51	116.14	120.00	24425	0.00	0.18	17.6	16.5
fdot100y10d	P200	BASE	328.00	116.13	120.00	24409	0.00	0.18	17.6	16.5
fdot100y10d	P200	BASE	328.50	116.12	120.00	24392	0.00	0.18	17.6	16.5
fdot100y10d	P200	BASE	329.00	116.10	120.00	24375	0.00	0.18	17.6	16.5
fdot100y10d	P200	BASE	329.51	116.09	120.00	24359	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	330.01	116.08	120.00	24342	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	330.51	116.06	120.00	24326	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	331.01	116.05	120.00	24309	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	331.51	116.04	120.00	24293	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	332.00	116.02	120.00	24277	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	332.50	116.01	120.00	24260	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	333.00	116.00	120.00	24244	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	333.51	115.98	120.00	24228	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	334.01	115.97	120.00	24212	0.00	0.18	17.6	16.6
fdot100y10d	P200	BASE	334.51	115.96	120.00	24196	0.00	0.17	17.6	16.6
fdot100y10d	P200	BASE	335.01	115.94	120.00	24179	0.00	0.17	17.6	16.6
fdot100y10d	P200	BASE	335.51	115.93	120.00	24163	0.00	0.17	17.6	16.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	336.00	115.92	120.00	24148	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	336.50	115.91	120.00	24132	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	337.00	115.89	120.00	24116	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	337.51	115.88	120.00	24100	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	338.01	115.87	120.00	24084	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	338.51	115.85	120.00	24069	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	339.01	115.84	120.00	24053	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	339.51	115.83	120.00	24037	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	340.00	115.82	120.00	24022	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	340.50	115.80	120.00	24006	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	341.00	115.79	120.00	23991	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	341.51	115.78	120.00	23975	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	342.01	115.77	120.00	23960	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	342.51	115.75	120.00	23944	0.00	0.17	17.6	16.7
fdot100y10d	P200	BASE	343.01	115.74	120.00	23929	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	343.51	115.73	120.00	23914	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	344.00	115.72	120.00	23899	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	344.50	115.70	120.00	23884	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	345.00	115.69	120.00	23868	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	345.51	115.68	120.00	23853	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	346.01	115.67	120.00	23838	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	346.51	115.66	120.00	23823	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	347.01	115.64	120.00	23808	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	347.51	115.63	120.00	23793	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	348.00	115.62	120.00	23778	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	348.50	115.61	120.00	23764	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	349.00	115.60	120.00	23749	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	349.51	115.58	120.00	23734	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	350.01	115.57	120.00	23719	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	350.51	115.56	120.00	23704	0.00	0.16	17.6	16.8
fdot100y10d	P200	BASE	351.01	115.55	120.00	23690	0.00	0.16	17.6	16.9
fdot100y10d	P200	BASE	351.51	115.54	120.00	23675	0.00	0.16	17.6	16.9
fdot100y10d	P200	BASE	352.00	115.52	120.00	23661	0.00	0.16	17.6	16.9
fdot100y10d	P200	BASE	352.50	115.51	120.00	23646	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	353.00	115.50	120.00	23632	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	353.51	115.49	120.00	23617	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	354.00	115.48	120.00	23603	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	354.51	115.47	120.00	23588	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	355.00	115.45	120.00	23574	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	355.51	115.44	120.00	23559	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	356.00	115.43	120.00	23545	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	356.51	115.42	120.00	23531	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	357.00	115.41	120.00	23517	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	357.51	115.40	120.00	23503	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	358.00	115.38	120.00	23489	0.00	0.15	17.6	16.9
fdot100y10d	P200	BASE	358.51	115.37	120.00	23474	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	359.00	115.36	120.00	23460	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	359.51	115.35	120.00	23446	0.00	0.15	17.6	17.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	360.00	115.34	120.00	23432	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	360.51	115.33	120.00	23418	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	361.00	115.32	120.00	23405	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	361.51	115.30	120.00	23390	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	362.00	115.29	120.00	23377	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	362.51	115.28	120.00	23363	0.00	0.15	17.6	17.0
fdot100y10d	P200	BASE	363.00	115.27	120.00	23349	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	363.51	115.26	120.00	23335	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	364.00	115.25	120.00	23322	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	364.51	115.24	120.00	23308	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	365.00	115.23	120.00	23294	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	365.51	115.22	120.00	23281	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	366.00	115.20	120.00	23267	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	366.51	115.19	120.00	23253	0.00	0.14	17.6	17.0
fdot100y10d	P200	BASE	367.00	115.18	120.00	23240	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	367.51	115.17	120.00	23226	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	368.00	115.16	120.00	23213	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	368.51	115.15	120.00	23200	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	369.00	115.14	120.00	23186	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	369.51	115.13	120.00	23173	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	370.00	115.12	120.00	23160	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	370.51	115.11	120.00	23146	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	371.00	115.10	120.00	23133	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	371.51	115.09	120.00	23120	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	372.00	115.07	120.00	23107	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	372.51	115.06	120.00	23093	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	373.00	115.05	120.00	23080	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	373.51	115.04	120.00	23067	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	374.00	115.03	120.00	23054	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	374.51	115.02	120.00	23041	0.00	0.14	17.6	17.1
fdot100y10d	P200	BASE	375.00	115.01	120.00	23028	0.00	0.13	17.6	17.1
fdot100y10d	P200	BASE	375.51	115.00	120.00	23015	0.00	0.13	17.6	17.1
fdot100y10d	P200	BASE	376.00	114.99	120.00	23002	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	376.51	114.98	120.00	22989	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	377.00	114.97	120.00	22977	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	377.51	114.96	120.00	22964	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	378.00	114.95	120.00	22951	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	378.51	114.94	120.00	22938	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	379.00	114.93	120.00	22925	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	379.51	114.92	120.00	22912	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	380.00	114.91	120.00	22900	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	380.51	114.90	120.00	22887	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	381.00	114.89	120.00	22874	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	381.51	114.88	120.00	22862	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	382.00	114.87	120.00	22849	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	382.51	114.86	120.00	22837	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	383.00	114.85	120.00	22824	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	383.51	114.84	120.00	22811	0.00	0.13	17.6	17.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	384.00	114.83	120.00	22799	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	384.51	114.82	120.00	22787	0.00	0.13	17.6	17.2
fdot100y10d	P200	BASE	385.00	114.81	120.00	22774	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	385.51	114.80	120.00	22762	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	386.00	114.79	120.00	22750	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	386.51	114.78	120.00	22737	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	387.00	114.77	120.00	22725	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	387.51	114.76	120.00	22712	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	388.00	114.75	120.00	22700	0.00	0.13	17.6	17.3
fdot100y10d	P200	BASE	388.51	114.74	120.00	22688	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	389.00	114.73	120.00	22676	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	389.51	114.72	120.00	22664	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	390.00	114.71	120.00	22652	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	390.51	114.70	120.00	22639	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	391.00	114.69	120.00	22627	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	391.51	114.68	120.00	22615	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	392.00	114.67	120.00	22603	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	392.51	114.66	120.00	22591	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	393.00	114.65	120.00	22579	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	393.51	114.64	120.00	22567	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	394.00	114.63	120.00	22555	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	394.51	114.62	120.00	22543	0.00	0.12	17.6	17.3
fdot100y10d	P200	BASE	395.00	114.61	120.00	22531	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	395.51	114.60	120.00	22519	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	396.00	114.59	120.00	22508	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	396.51	114.58	120.00	22496	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	397.00	114.57	120.00	22484	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	397.51	114.56	120.00	22472	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	398.00	114.55	120.00	22460	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	398.51	114.54	120.00	22449	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	399.00	114.53	120.00	22437	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	399.51	114.52	120.00	22425	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	400.00	114.51	120.00	22414	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	400.51	114.50	120.00	22402	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	401.51	114.49	120.00	22379	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	402.51	114.47	120.00	22356	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	403.51	114.45	120.00	22333	0.00	0.12	17.6	17.4
fdot100y10d	P200	BASE	404.51	114.43	120.00	22310	0.00	0.11	17.6	17.4
fdot100y10d	P200	BASE	405.51	114.41	120.00	22287	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	406.51	114.39	120.00	22264	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	407.51	114.37	120.00	22242	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	408.51	114.36	120.00	22219	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	409.51	114.34	120.00	22197	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	410.51	114.32	120.00	22174	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	411.51	114.30	120.00	22152	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	412.51	114.28	120.00	22130	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	413.51	114.27	120.00	22108	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	414.51	114.25	120.00	22086	0.00	0.11	17.6	17.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	415.51	114.23	120.00	22064	0.00	0.11	17.6	17.5
fdot100y10d	P200	BASE	416.51	114.21	120.00	22042	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	417.51	114.19	120.00	22020	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	418.51	114.18	120.00	21998	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	419.51	114.16	120.00	21977	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	420.51	114.14	120.00	21955	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	421.51	114.12	120.00	21934	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	422.51	114.11	120.00	21912	0.00	0.11	17.6	17.6
fdot100y10d	P200	BASE	423.51	114.09	120.00	21891	0.00	0.10	17.6	17.6
fdot100y10d	P200	BASE	424.51	114.07	120.00	21870	0.00	0.10	17.6	17.6
fdot100y10d	P200	BASE	425.51	114.06	120.00	21849	0.00	0.10	17.6	17.6
fdot100y10d	P200	BASE	426.51	114.04	120.00	21828	0.00	0.10	17.6	17.6
fdot100y10d	P200	BASE	427.51	114.02	120.00	21807	0.00	0.10	17.6	17.7
fdot100y10d	P200	BASE	428.51	114.00	120.00	21786	0.00	0.10	17.6	17.7
fdot100y10d	P200	BASE	429.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	430.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	431.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	432.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	433.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	434.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	435.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	436.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	437.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	438.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	439.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	440.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	441.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	442.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	443.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	444.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	445.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	446.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	447.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	448.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	449.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	450.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	451.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	452.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	453.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	454.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	455.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	456.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	457.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	458.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	459.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	460.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	461.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	462.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	463.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	464.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	465.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	466.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	467.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	468.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	469.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	470.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	471.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	472.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	473.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	474.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	475.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	476.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	477.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	478.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	479.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	480.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	481.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	482.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	483.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	484.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	485.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	486.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	487.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	488.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	489.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	490.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	491.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	492.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	493.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	494.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	495.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	496.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	497.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	498.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	499.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	500.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	501.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	502.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	503.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	504.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	505.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	506.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	507.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	508.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	509.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	510.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	511.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	512.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	513.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	514.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	515.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	516.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	517.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	518.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	519.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	520.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	521.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	522.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	523.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	524.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	525.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	526.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	527.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	528.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	529.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	530.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	531.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	532.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	533.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	534.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	535.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	536.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	537.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	538.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	539.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	540.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	541.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	542.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	543.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	544.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	545.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	546.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	547.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	548.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	549.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	550.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	551.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	552.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	553.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	554.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	555.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	556.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	557.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	558.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	559.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	560.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	561.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	562.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	563.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	564.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	565.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	566.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	567.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	568.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	569.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	570.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	571.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	572.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	573.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	574.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	575.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	576.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	577.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	578.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	579.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	580.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	581.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	582.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	583.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	584.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	585.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	586.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	587.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	588.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	589.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	590.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	591.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	592.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	593.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	594.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	595.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	596.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	597.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	598.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	599.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	600.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	601.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	602.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	603.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	604.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	605.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	606.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

US 301 PD&E Basin 200
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	607.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	608.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	609.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	610.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	611.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	612.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	613.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	614.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	615.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	616.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	617.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	618.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	619.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	620.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	621.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	622.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	623.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	624.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	625.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	626.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	627.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	628.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	629.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	630.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	631.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	632.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	633.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	634.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	635.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	636.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	637.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	638.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	639.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	640.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	641.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	642.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	643.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	644.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	645.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	646.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	647.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	648.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	649.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	650.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	651.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	652.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	653.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	654.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	655.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	656.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	657.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	658.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	659.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	660.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	661.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	662.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	663.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	664.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	665.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	666.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	667.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	668.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	669.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	670.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	671.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	672.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	673.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	674.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	675.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	676.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	677.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	678.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	679.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	680.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	683.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	685.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	688.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	690.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	693.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	695.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	698.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	700.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	703.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	705.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	708.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	710.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	713.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	715.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	718.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	720.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	723.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	725.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	728.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	730.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	733.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	735.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	738.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	740.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	743.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	745.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	748.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	750.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	753.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	755.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	758.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	760.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	763.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	765.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	768.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	770.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	773.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	775.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	778.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	780.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	783.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	785.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	788.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	790.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	793.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	795.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	798.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	800.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	803.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	805.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	808.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	810.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	813.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	815.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	818.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	820.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	823.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	825.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	828.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	830.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	833.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	835.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	838.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	840.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	843.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	845.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	848.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	850.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	853.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	855.51	114.00	120.00	21780	0.00	0.00	17.6	17.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P200	BASE	858.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	860.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	863.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	865.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	868.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	870.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	873.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	875.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	878.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	880.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	883.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	885.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	888.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	890.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	893.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	895.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	898.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	900.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	903.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	905.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	908.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	910.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	913.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	915.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	918.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	920.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	923.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	925.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	928.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	930.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	933.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	935.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	938.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	940.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	943.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	945.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	948.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	950.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	953.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	955.51	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	958.01	114.00	120.00	21780	0.00	0.00	17.6	17.7
fdot100y10d	P200	BASE	960.02	114.00	120.00	21780	0.00	0.00	17.6	17.7

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==== Basins ====

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Name: B300 Node: P300 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 9.810 Time Shift(hrs): 0.00
Curve Number: 72.86 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

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==== Nodes ====

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Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: BASE Warn Stage(ft): 89.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	82.000
960.00	82.000

Name: P300 Base Flow(cfs): 0.000 Init Stage(ft): 86.500
Group: BASE Warn Stage(ft): 88.000
Type: Stage/Area

Stage(ft)	Area(ac)
86.500	1.5400
88.000	1.6200

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: BASE Warn Stage(ft): 89.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	82.000
960.00	82.000

==========

==== Weirs ====

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Name: OUT300 From Node: P300
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 88.000
Control Elevation(ft): 88.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P300 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 80.000 Perimeter 1(ft): 1049.000
Water Table Elev(ft): 82.000 Perimeter 2(ft): 1678.000
**********0.000 Perimeter 3(ft): 7333.000
Horiz Conductivity(ft/day): 27.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.000 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 4.500

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==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
960.000	30.00

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==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
240.000	120.000
410.000	30.000
960.000	240.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
960.000	15.000

Group	Run
BASE	Yes

US 301 PD&E Basin 300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	0.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	2.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	4.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	6.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	8.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	10.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	12.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	14.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	16.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	18.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	20.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	22.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	24.00	86.50	88.00	67082	0.00	0.00	0.0	0.0
fdot100y10d	P300	BASE	26.00	86.50	88.00	67082	0.09	0.09	0.0	0.0
fdot100y10d	P300	BASE	28.00	86.50	88.00	67082	0.17	0.17	0.0	0.0
fdot100y10d	P300	BASE	30.00	86.50	88.00	67083	0.24	0.24	0.1	0.1
fdot100y10d	P300	BASE	32.00	86.50	88.00	67083	0.30	0.30	0.1	0.1
fdot100y10d	P300	BASE	34.00	86.50	88.00	67083	1.65	1.65	0.3	0.3
fdot100y10d	P300	BASE	36.00	86.50	88.00	67083	2.10	2.10	0.6	0.6
fdot100y10d	P300	BASE	38.00	86.50	88.00	67084	2.42	2.42	1.0	1.0
fdot100y10d	P300	BASE	40.00	86.50	88.00	67084	2.64	2.64	1.4	1.4
fdot100y10d	P300	BASE	42.00	86.50	88.00	67083	0.57	0.57	1.6	1.6
fdot100y10d	P300	BASE	44.00	86.50	88.00	67083	0.57	0.57	1.7	1.7
fdot100y10d	P300	BASE	46.00	86.50	88.00	67083	0.58	0.58	1.8	1.8
fdot100y10d	P300	BASE	48.00	86.50	88.00	67084	0.59	0.53	1.9	1.9
fdot100y10d	P300	BASE	50.00	86.51	88.00	67101	0.52	0.42	2.0	2.0
fdot100y10d	P300	BASE	52.00	86.52	88.00	67134	0.52	0.36	2.1	2.1
fdot100y10d	P300	BASE	54.00	86.54	88.00	67180	0.52	0.32	2.2	2.1
fdot100y10d	P300	BASE	56.00	86.57	88.00	67235	0.53	0.30	2.3	2.2
fdot100y10d	P300	BASE	58.00	86.59	88.00	67291	0.51	0.28	2.4	2.2
fdot100y10d	P300	BASE	60.00	86.62	88.00	67352	0.51	0.26	2.4	2.3
fdot100y10d	P300	BASE	62.00	86.64	88.00	67416	0.52	0.25	2.5	2.3
fdot100y10d	P300	BASE	64.00	86.67	88.00	67483	0.52	0.24	2.6	2.3
fdot100y10d	P300	BASE	66.00	86.70	88.00	67556	0.54	0.24	2.7	2.4
fdot100y10d	P300	BASE	68.00	86.74	88.00	67633	0.55	0.23	2.8	2.4
fdot100y10d	P300	BASE	70.00	86.77	88.00	67713	0.55	0.23	2.9	2.5
fdot100y10d	P300	BASE	72.00	86.81	88.00	67793	0.55	0.22	3.0	2.5
fdot100y10d	P300	BASE	74.00	86.81	88.00	67802	0.14	0.21	3.0	2.5
fdot100y10d	P300	BASE	76.00	86.80	88.00	67788	0.14	0.20	3.1	2.6
fdot100y10d	P300	BASE	78.00	86.80	88.00	67775	0.14	0.19	3.1	2.6
fdot100y10d	P300	BASE	80.00	86.79	88.00	67765	0.14	0.18	3.1	2.6
fdot100y10d	P300	BASE	82.00	86.79	88.00	67752	0.12	0.18	3.1	2.7
fdot100y10d	P300	BASE	84.00	86.78	88.00	67739	0.12	0.17	3.1	2.7
fdot100y10d	P300	BASE	86.00	86.78	88.00	67727	0.12	0.17	3.2	2.7
fdot100y10d	P300	BASE	88.00	86.77	88.00	67717	0.12	0.16	3.2	2.7
fdot100y10d	P300	BASE	90.00	86.77	88.00	67711	0.14	0.16	3.2	2.8
fdot100y10d	P300	BASE	92.00	86.77	88.00	67708	0.15	0.16	3.2	2.8
fdot100y10d	P300	BASE	94.00	86.77	88.00	67705	0.15	0.16	3.3	2.8

US 301 PD&E Basin 300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	96.00	86.77	88.00	67703	0.15	0.15	3.3	2.8
fdot100y10d	P300	BASE	98.00	86.77	88.00	67701	0.15	0.15	3.3	2.9
fdot100y10d	P300	BASE	100.00	86.77	88.00	67701	0.15	0.15	3.3	2.9
fdot100y10d	P300	BASE	102.00	86.77	88.00	67700	0.15	0.15	3.3	2.9
fdot100y10d	P300	BASE	104.00	86.77	88.00	67701	0.15	0.14	3.4	2.9
fdot100y10d	P300	BASE	106.00	86.77	88.00	67698	0.12	0.14	3.4	3.0
fdot100y10d	P300	BASE	108.00	86.76	88.00	67694	0.13	0.14	3.4	3.0
fdot100y10d	P300	BASE	110.00	86.76	88.00	67691	0.13	0.14	3.4	3.0
fdot100y10d	P300	BASE	112.00	86.76	88.00	67689	0.13	0.13	3.5	3.0
fdot100y10d	P300	BASE	114.00	86.76	88.00	67691	0.15	0.13	3.5	3.1
fdot100y10d	P300	BASE	116.00	86.76	88.00	67694	0.15	0.13	3.5	3.1
fdot100y10d	P300	BASE	118.00	86.76	88.00	67698	0.15	0.13	3.5	3.1
fdot100y10d	P300	BASE	120.00	86.77	88.00	67702	0.15	0.13	3.6	3.1
fdot100y10d	P300	BASE	122.00	86.77	88.00	67707	0.15	0.13	3.6	3.1
fdot100y10d	P300	BASE	124.00	86.77	88.00	67711	0.15	0.13	3.6	3.2
fdot100y10d	P300	BASE	126.00	86.77	88.00	67716	0.15	0.13	3.6	3.2
fdot100y10d	P300	BASE	128.00	86.78	88.00	67722	0.15	0.13	3.7	3.2
fdot100y10d	P300	BASE	130.00	86.78	88.00	67724	0.13	0.12	3.7	3.2
fdot100y10d	P300	BASE	132.00	86.78	88.00	67725	0.13	0.12	3.7	3.2
fdot100y10d	P300	BASE	134.00	86.78	88.00	67726	0.13	0.12	3.7	3.3
fdot100y10d	P300	BASE	136.00	86.78	88.00	67727	0.13	0.12	3.7	3.3
fdot100y10d	P300	BASE	138.00	86.78	88.00	67733	0.15	0.12	3.8	3.3
fdot100y10d	P300	BASE	140.00	86.78	88.00	67740	0.15	0.12	3.8	3.3
fdot100y10d	P300	BASE	142.00	86.79	88.00	67748	0.15	0.12	3.8	3.3
fdot100y10d	P300	BASE	144.00	86.79	88.00	67755	0.15	0.12	3.8	3.4
fdot100y10d	P300	BASE	146.00	86.81	88.00	67812	0.43	0.12	3.9	3.4
fdot100y10d	P300	BASE	148.00	86.85	88.00	67886	0.43	0.13	4.0	3.4
fdot100y10d	P300	BASE	150.00	86.88	88.00	67959	0.43	0.13	4.0	3.4
fdot100y10d	P300	BASE	152.00	86.91	88.00	68032	0.43	0.13	4.1	3.4
fdot100y10d	P300	BASE	154.00	86.94	88.00	68104	0.43	0.14	4.2	3.5
fdot100y10d	P300	BASE	156.00	86.97	88.00	68176	0.43	0.14	4.2	3.5
fdot100y10d	P300	BASE	158.00	87.00	88.00	68248	0.43	0.14	4.3	3.5
fdot100y10d	P300	BASE	160.00	87.03	88.00	68319	0.43	0.14	4.4	3.5
fdot100y10d	P300	BASE	162.00	87.06	88.00	68390	0.43	0.14	4.4	3.6
fdot100y10d	P300	BASE	164.00	87.09	88.00	68462	0.43	0.14	4.5	3.6
fdot100y10d	P300	BASE	166.00	87.12	88.00	68533	0.43	0.14	4.6	3.6
fdot100y10d	P300	BASE	168.00	87.15	88.00	68604	0.44	0.14	4.7	3.6
fdot100y10d	P300	BASE	170.00	87.27	88.00	68875	1.58	0.18	4.8	3.7
fdot100y10d	P300	BASE	172.00	87.42	88.00	69211	1.58	0.20	5.1	3.7
fdot100y10d	P300	BASE	174.00	87.56	88.00	69544	1.59	0.22	5.4	3.7
fdot100y10d	P300	BASE	176.00	87.70	88.00	69874	1.61	0.23	5.6	3.8
fdot100y10d	P300	BASE	178.00	88.14	88.00	70901	6.19	2.96	6.3	4.0
fdot100y10d	P300	BASE	180.00	88.25	88.00	71138	6.26	6.12	7.3	4.8
fdot100y10d	P300	BASE	182.00	88.25	88.00	71151	6.32	6.30	8.3	5.8
fdot100y10d	P300	BASE	184.00	88.25	88.00	71156	6.36	6.35	9.4	6.8
fdot100y10d	P300	BASE	186.00	88.11	88.00	70827	1.21	1.96	10.0	7.5
fdot100y10d	P300	BASE	188.00	88.08	88.00	70756	1.21	1.29	10.2	7.8
fdot100y10d	P300	BASE	190.00	88.08	88.00	70748	1.21	1.22	10.4	8.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	192.00	88.08	88.00	70747	1.21	1.21	10.6	8.2
fdot100y10d	P300	BASE	194.00	88.06	88.00	70708	0.77	0.88	10.8	8.4
fdot100y10d	P300	BASE	196.00	88.06	88.00	70695	0.77	0.79	10.9	8.5
fdot100y10d	P300	BASE	198.00	88.05	88.00	70693	0.77	0.77	11.0	8.7
fdot100y10d	P300	BASE	200.00	88.05	88.00	70693	0.77	0.77	11.2	8.8
fdot100y10d	P300	BASE	202.00	88.05	88.00	70693	0.77	0.77	11.3	8.9
fdot100y10d	P300	BASE	204.00	88.05	88.00	70693	0.77	0.77	11.4	9.0
fdot100y10d	P300	BASE	206.00	88.05	88.00	70694	0.77	0.77	11.5	9.2
fdot100y10d	P300	BASE	208.00	88.05	88.00	70694	0.77	0.77	11.7	9.3
fdot100y10d	P300	BASE	210.00	88.06	88.00	70697	0.79	0.79	11.8	9.4
fdot100y10d	P300	BASE	212.00	88.06	88.00	70698	0.80	0.79	11.9	9.5
fdot100y10d	P300	BASE	214.00	88.06	88.00	70698	0.80	0.79	12.1	9.7
fdot100y10d	P300	BASE	216.00	88.06	88.00	70699	0.79	0.79	12.2	9.8
fdot100y10d	P300	BASE	218.00	88.04	88.00	70650	0.30	0.47	12.3	9.9
fdot100y10d	P300	BASE	220.00	88.03	88.00	70629	0.30	0.35	12.3	10.0
fdot100y10d	P300	BASE	222.00	88.02	88.00	70623	0.30	0.32	12.4	10.0
fdot100y10d	P300	BASE	224.00	88.02	88.00	70621	0.30	0.31	12.4	10.1
fdot100y10d	P300	BASE	226.00	88.02	88.00	70620	0.30	0.31	12.5	10.1
fdot100y10d	P300	BASE	228.00	88.02	88.00	70620	0.30	0.30	12.5	10.2
fdot100y10d	P300	BASE	230.00	88.02	88.00	70620	0.30	0.30	12.6	10.2
fdot100y10d	P300	BASE	232.00	88.02	88.00	70620	0.30	0.30	12.6	10.3
fdot100y10d	P300	BASE	234.00	88.02	88.00	70623	0.33	0.32	12.7	10.3
fdot100y10d	P300	BASE	236.00	88.02	88.00	70625	0.33	0.32	12.7	10.4
fdot100y10d	P300	BASE	238.00	88.03	88.00	70626	0.33	0.33	12.8	10.4
fdot100y10d	P300	BASE	240.00	88.03	88.00	70626	0.33	0.33	12.8	10.5
fdot100y10d	P300	BASE	242.00	88.01	88.00	70587	0.00	0.17	12.9	10.5
fdot100y10d	P300	BASE	242.50	88.00	88.00	70578	0.00	0.14	12.9	10.5
fdot100y10d	P300	BASE	243.00	88.00	88.00	70570	0.00	0.13	12.9	10.6
fdot100y10d	P300	BASE	243.50	88.00	88.00	70563	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	244.00	88.00	88.00	70556	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	244.50	87.99	88.00	70548	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	245.00	87.99	88.00	70541	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	245.50	87.99	88.00	70534	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	246.00	87.98	88.00	70526	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	246.50	87.98	88.00	70519	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	247.00	87.98	88.00	70512	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	247.50	87.97	88.00	70505	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	248.00	87.97	88.00	70498	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	248.50	87.97	88.00	70490	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	249.00	87.96	88.00	70483	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	249.50	87.96	88.00	70476	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	250.00	87.96	88.00	70469	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	250.50	87.95	88.00	70462	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	251.00	87.95	88.00	70455	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	251.50	87.95	88.00	70448	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	252.00	87.95	88.00	70441	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	252.50	87.94	88.00	70434	0.00	0.12	12.9	10.6
fdot100y10d	P300	BASE	253.00	87.94	88.00	70427	0.00	0.12	12.9	10.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	253.50	87.94	88.00	70421	0.00	0.12	12.9	10.7
fdot100y10d	P300	BASE	254.00	87.93	88.00	70414	0.00	0.12	12.9	10.7
fdot100y10d	P300	BASE	254.50	87.93	88.00	70407	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	255.00	87.93	88.00	70400	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	255.50	87.93	88.00	70393	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	256.00	87.92	88.00	70387	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	256.50	87.92	88.00	70380	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	257.00	87.92	88.00	70373	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	257.50	87.91	88.00	70366	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	258.00	87.91	88.00	70360	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	258.50	87.91	88.00	70353	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	259.00	87.90	88.00	70346	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	259.50	87.90	88.00	70340	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	260.00	87.90	88.00	70333	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	260.50	87.90	88.00	70327	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	261.00	87.89	88.00	70320	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	261.50	87.89	88.00	70314	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	262.00	87.89	88.00	70307	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	262.50	87.89	88.00	70301	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	263.00	87.88	88.00	70294	0.00	0.11	12.9	10.7
fdot100y10d	P300	BASE	263.50	87.88	88.00	70288	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	264.00	87.88	88.00	70281	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	264.50	87.87	88.00	70275	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	265.00	87.87	88.00	70268	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	265.50	87.87	88.00	70262	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	266.00	87.87	88.00	70256	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	266.50	87.86	88.00	70249	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	267.00	87.86	88.00	70243	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	267.50	87.86	88.00	70237	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	268.00	87.85	88.00	70230	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	268.50	87.85	88.00	70224	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	269.00	87.85	88.00	70218	0.00	0.11	12.9	10.8
fdot100y10d	P300	BASE	269.50	87.85	88.00	70211	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	270.00	87.84	88.00	70205	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	270.50	87.84	88.00	70199	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	271.00	87.84	88.00	70193	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	271.50	87.84	88.00	70187	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	272.00	87.83	88.00	70180	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	272.50	87.83	88.00	70174	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	273.00	87.83	88.00	70168	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	273.50	87.83	88.00	70162	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	274.00	87.82	88.00	70156	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	274.50	87.82	88.00	70150	0.00	0.10	12.9	10.8
fdot100y10d	P300	BASE	275.00	87.82	88.00	70144	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	275.50	87.82	88.00	70138	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	276.00	87.81	88.00	70132	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	276.50	87.81	88.00	70126	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	277.00	87.81	88.00	70120	0.00	0.10	12.9	10.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	277.50	87.80	88.00	70114	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	278.00	87.80	88.00	70108	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	278.50	87.80	88.00	70102	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	279.00	87.80	88.00	70096	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	279.50	87.79	88.00	70090	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	280.00	87.79	88.00	70084	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	280.50	87.79	88.00	70078	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	281.00	87.79	88.00	70072	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	281.50	87.78	88.00	70066	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	282.00	87.78	88.00	70060	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	282.50	87.78	88.00	70055	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	283.00	87.78	88.00	70049	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	283.50	87.77	88.00	70043	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	284.00	87.77	88.00	70037	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	284.50	87.77	88.00	70031	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	285.00	87.77	88.00	70026	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	285.50	87.76	88.00	70020	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	286.00	87.76	88.00	70014	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	286.50	87.76	88.00	70008	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	287.00	87.76	88.00	70003	0.00	0.10	12.9	10.9
fdot100y10d	P300	BASE	287.50	87.75	88.00	69997	0.00	0.10	12.9	11.0
fdot100y10d	P300	BASE	288.00	87.75	88.00	69991	0.00	0.10	12.9	11.0
fdot100y10d	P300	BASE	288.50	87.75	88.00	69986	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	289.00	87.75	88.00	69980	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	289.50	87.74	88.00	69974	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	290.00	87.74	88.00	69969	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	290.50	87.74	88.00	69963	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	291.00	87.74	88.00	69957	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	291.50	87.74	88.00	69952	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	292.00	87.73	88.00	69946	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	292.50	87.73	88.00	69941	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	293.00	87.73	88.00	69935	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	293.50	87.73	88.00	69929	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	294.00	87.72	88.00	69924	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	294.50	87.72	88.00	69918	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	295.00	87.72	88.00	69913	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	295.50	87.72	88.00	69907	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	296.00	87.71	88.00	69902	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	296.50	87.71	88.00	69896	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	297.00	87.71	88.00	69891	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	297.50	87.71	88.00	69886	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	298.00	87.70	88.00	69880	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	298.50	87.70	88.00	69875	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	299.00	87.70	88.00	69869	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	299.50	87.70	88.00	69864	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	300.00	87.69	88.00	69858	0.00	0.09	12.9	11.0
fdot100y10d	P300	BASE	300.50	87.69	88.00	69853	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	301.00	87.69	88.00	69848	0.00	0.09	12.9	11.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	301.50	87.69	88.00	69842	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	302.00	87.69	88.00	69837	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	302.50	87.68	88.00	69832	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	303.00	87.68	88.00	69826	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	303.50	87.68	88.00	69821	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	304.00	87.68	88.00	69816	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	304.50	87.67	88.00	69810	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	305.00	87.67	88.00	69805	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	305.50	87.67	88.00	69800	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	306.00	87.67	88.00	69795	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	306.50	87.67	88.00	69789	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	307.00	87.66	88.00	69784	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	307.50	87.66	88.00	69779	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	308.00	87.66	88.00	69774	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	308.50	87.66	88.00	69769	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	309.00	87.65	88.00	69763	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	309.50	87.65	88.00	69758	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	310.00	87.65	88.00	69753	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	310.50	87.65	88.00	69748	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	311.00	87.65	88.00	69743	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	311.50	87.64	88.00	69738	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	312.00	87.64	88.00	69733	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	312.50	87.64	88.00	69727	0.00	0.09	12.9	11.1
fdot100y10d	P300	BASE	313.00	87.64	88.00	69722	0.00	0.08	12.9	11.1
fdot100y10d	P300	BASE	313.50	87.63	88.00	69717	0.00	0.08	12.9	11.1
fdot100y10d	P300	BASE	314.00	87.63	88.00	69712	0.00	0.08	12.9	11.1
fdot100y10d	P300	BASE	314.50	87.63	88.00	69707	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	315.00	87.63	88.00	69702	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	315.50	87.63	88.00	69697	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	316.00	87.62	88.00	69692	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	316.50	87.62	88.00	69687	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	317.00	87.62	88.00	69682	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	317.50	87.62	88.00	69677	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	318.00	87.61	88.00	69672	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	318.50	87.61	88.00	69667	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	319.00	87.61	88.00	69662	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	319.50	87.61	88.00	69657	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	320.00	87.61	88.00	69652	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	320.50	87.60	88.00	69647	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	321.00	87.60	88.00	69642	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	321.50	87.60	88.00	69637	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	322.00	87.60	88.00	69632	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	322.50	87.60	88.00	69628	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	323.00	87.59	88.00	69623	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	323.50	87.59	88.00	69618	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	324.00	87.59	88.00	69613	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	324.50	87.59	88.00	69608	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	325.00	87.59	88.00	69603	0.00	0.08	12.9	11.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	325.50	87.58	88.00	69598	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	326.00	87.58	88.00	69594	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	326.50	87.58	88.00	69589	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	327.00	87.58	88.00	69584	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	327.50	87.57	88.00	69579	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	328.00	87.57	88.00	69574	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	328.50	87.57	88.00	69570	0.00	0.08	12.9	11.2
fdot100y10d	P300	BASE	329.00	87.57	88.00	69565	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	329.50	87.57	88.00	69560	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	330.00	87.56	88.00	69555	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	330.50	87.56	88.00	69551	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	331.00	87.56	88.00	69546	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	331.50	87.56	88.00	69541	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	332.00	87.56	88.00	69536	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	332.50	87.55	88.00	69532	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	333.00	87.55	88.00	69527	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	333.50	87.55	88.00	69522	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	334.00	87.55	88.00	69518	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	334.50	87.55	88.00	69513	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	335.00	87.54	88.00	69508	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	335.50	87.54	88.00	69504	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	336.00	87.54	88.00	69499	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	336.50	87.54	88.00	69494	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	337.00	87.54	88.00	69490	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	337.50	87.53	88.00	69485	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	338.00	87.53	88.00	69480	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	338.50	87.53	88.00	69476	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	339.00	87.53	88.00	69471	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	339.50	87.53	88.00	69467	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	340.00	87.52	88.00	69462	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	340.50	87.52	88.00	69458	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	341.00	87.52	88.00	69453	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	341.50	87.52	88.00	69448	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	342.00	87.52	88.00	69444	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	342.50	87.51	88.00	69439	0.00	0.08	12.9	11.3
fdot100y10d	P300	BASE	343.00	87.51	88.00	69435	0.00	0.07	12.9	11.3
fdot100y10d	P300	BASE	343.50	87.51	88.00	69430	0.00	0.07	12.9	11.3
fdot100y10d	P300	BASE	344.00	87.51	88.00	69426	0.00	0.07	12.9	11.3
fdot100y10d	P300	BASE	344.50	87.51	88.00	69421	0.00	0.07	12.9	11.3
fdot100y10d	P300	BASE	345.00	87.50	88.00	69417	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	345.50	87.50	88.00	69412	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	346.00	87.50	88.00	69408	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	346.50	87.50	88.00	69403	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	347.00	87.50	88.00	69399	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	347.50	87.50	88.00	69395	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	348.00	87.49	88.00	69390	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	348.50	87.49	88.00	69386	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	349.00	87.49	88.00	69381	0.00	0.07	12.9	11.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	349.50	87.49	88.00	69377	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	350.00	87.49	88.00	69372	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	350.50	87.48	88.00	69368	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	351.00	87.48	88.00	69364	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	351.50	87.48	88.00	69359	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	352.00	87.48	88.00	69355	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	352.50	87.48	88.00	69351	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	353.00	87.47	88.00	69346	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	353.50	87.47	88.00	69342	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	354.00	87.47	88.00	69337	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	354.50	87.47	88.00	69333	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	355.00	87.47	88.00	69329	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	355.50	87.47	88.00	69325	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	356.00	87.46	88.00	69320	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	356.50	87.46	88.00	69316	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	357.00	87.46	88.00	69312	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	357.50	87.46	88.00	69307	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	358.00	87.46	88.00	69303	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	358.50	87.45	88.00	69299	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	359.00	87.45	88.00	69295	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	359.50	87.45	88.00	69290	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	360.00	87.45	88.00	69286	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	360.50	87.45	88.00	69282	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	361.00	87.44	88.00	69278	0.00	0.07	12.9	11.4
fdot100y10d	P300	BASE	361.50	87.44	88.00	69273	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	362.00	87.44	88.00	69269	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	362.50	87.44	88.00	69265	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	363.00	87.44	88.00	69261	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	363.50	87.44	88.00	69257	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	364.00	87.43	88.00	69252	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	364.50	87.43	88.00	69248	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	365.00	87.43	88.00	69244	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	365.50	87.43	88.00	69240	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	366.00	87.43	88.00	69236	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	366.50	87.43	88.00	69232	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	367.00	87.42	88.00	69227	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	367.50	87.42	88.00	69223	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	368.00	87.42	88.00	69219	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	368.50	87.42	88.00	69215	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	369.00	87.42	88.00	69211	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	369.50	87.41	88.00	69207	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	370.00	87.41	88.00	69203	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	370.50	87.41	88.00	69199	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	371.00	87.41	88.00	69195	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	371.50	87.41	88.00	69190	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	372.00	87.41	88.00	69186	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	372.50	87.40	88.00	69182	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	373.00	87.40	88.00	69178	0.00	0.07	12.9	11.5

US 301 PD&E Basin 300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	373.50	87.40	88.00	69174	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	374.00	87.40	88.00	69170	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	374.50	87.40	88.00	69166	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	375.00	87.40	88.00	69162	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	375.50	87.39	88.00	69158	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	376.00	87.39	88.00	69154	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	376.50	87.39	88.00	69150	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	377.00	87.39	88.00	69146	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	377.50	87.39	88.00	69142	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	378.00	87.38	88.00	69138	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	378.50	87.38	88.00	69134	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	379.00	87.38	88.00	69130	0.00	0.07	12.9	11.5
fdot100y10d	P300	BASE	379.50	87.38	88.00	69126	0.00	0.07	12.9	11.6
fdot100y10d	P300	BASE	380.00	87.38	88.00	69122	0.00	0.07	12.9	11.6
fdot100y10d	P300	BASE	380.50	87.38	88.00	69118	0.00	0.07	12.9	11.6
fdot100y10d	P300	BASE	381.00	87.37	88.00	69114	0.00	0.07	12.9	11.6
fdot100y10d	P300	BASE	381.50	87.37	88.00	69110	0.00	0.07	12.9	11.6
fdot100y10d	P300	BASE	382.00	87.37	88.00	69106	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	382.50	87.37	88.00	69103	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	383.00	87.37	88.00	69099	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	383.50	87.37	88.00	69095	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	384.00	87.36	88.00	69091	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	384.50	87.36	88.00	69087	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	385.00	87.36	88.00	69083	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	385.50	87.36	88.00	69079	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	386.00	87.36	88.00	69075	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	386.50	87.36	88.00	69071	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	387.00	87.35	88.00	69067	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	387.50	87.35	88.00	69064	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	388.00	87.35	88.00	69060	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	388.50	87.35	88.00	69056	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	389.00	87.35	88.00	69052	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	389.50	87.35	88.00	69048	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	390.00	87.34	88.00	69044	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	390.50	87.34	88.00	69041	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	391.00	87.34	88.00	69037	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	391.50	87.34	88.00	69033	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	392.00	87.34	88.00	69029	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	392.50	87.34	88.00	69025	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	393.00	87.33	88.00	69022	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	393.50	87.33	88.00	69018	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	394.00	87.33	88.00	69014	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	394.50	87.33	88.00	69010	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	395.00	87.33	88.00	69006	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	395.50	87.33	88.00	69003	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	396.00	87.32	88.00	68999	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	396.50	87.32	88.00	68995	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	397.00	87.32	88.00	68991	0.00	0.06	12.9	11.6

½ VOLUME RECOVERY 5.8 DAYS AFTER 10 DAY EVENT

4/30/2009,4:00:19 PM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	397.50	87.32	88.00	68988	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	398.00	87.32	88.00	68984	0.00	0.06	12.9	11.6
fdot100y10d	P300	BASE	398.50	87.32	88.00	68980	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	399.00	87.32	88.00	68977	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	399.50	87.31	88.00	68973	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	400.00	87.31	88.00	68969	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	400.50	87.31	88.00	68965	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	401.00	87.31	88.00	68962	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	401.50	87.31	88.00	68958	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	402.00	87.31	88.00	68954	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	402.50	87.30	88.00	68951	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	403.00	87.30	88.00	68947	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	403.50	87.30	88.00	68943	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	404.00	87.30	88.00	68940	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	404.50	87.30	88.00	68936	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	405.00	87.30	88.00	68932	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	405.50	87.29	88.00	68929	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	406.00	87.29	88.00	68925	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	406.50	87.29	88.00	68922	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	407.00	87.29	88.00	68918	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	407.50	87.29	88.00	68914	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	408.00	87.29	88.00	68911	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	408.50	87.29	88.00	68907	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	409.00	87.28	88.00	68903	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	409.50	87.28	88.00	68900	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	410.00	87.28	88.00	68896	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	410.50	87.28	88.00	68893	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	414.50	87.27	88.00	68864	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	418.50	87.25	88.00	68836	0.00	0.06	12.9	11.7
fdot100y10d	P300	BASE	422.50	87.24	88.00	68808	0.00	0.06	12.9	11.8
fdot100y10d	P300	BASE	426.50	87.23	88.00	68781	0.00	0.06	12.9	11.8
fdot100y10d	P300	BASE	430.50	87.22	88.00	68754	0.00	0.06	12.9	11.8
fdot100y10d	P300	BASE	434.50	87.21	88.00	68727	0.00	0.05	12.9	11.8
fdot100y10d	P300	BASE	438.50	87.20	88.00	68701	0.00	0.05	12.9	11.8
fdot100y10d	P300	BASE	442.50	87.19	88.00	68674	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	446.50	87.17	88.00	68649	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	450.50	87.16	88.00	68623	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	454.50	87.15	88.00	68598	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	458.50	87.14	88.00	68573	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	462.50	87.13	88.00	68548	0.00	0.05	12.9	11.9
fdot100y10d	P300	BASE	466.50	87.12	88.00	68523	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	470.50	87.11	88.00	68499	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	474.50	87.10	88.00	68475	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	478.50	87.09	88.00	68452	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	482.50	87.08	88.00	68428	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	486.50	87.07	88.00	68405	0.00	0.05	12.9	12.0
fdot100y10d	P300	BASE	490.50	87.06	88.00	68382	0.00	0.05	12.9	12.1
fdot100y10d	P300	BASE	494.50	87.05	88.00	68359	0.00	0.05	12.9	12.1

US 301 PD&E Basin 300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	498.50	87.04	88.00	68337	0.00	0.05	12.9	12.1
fdot100y10d	P300	BASE	502.50	87.03	88.00	68314	0.00	0.05	12.9	12.1
fdot100y10d	P300	BASE	506.50	87.02	88.00	68292	0.00	0.04	12.9	12.1
fdot100y10d	P300	BASE	510.50	87.01	88.00	68271	0.00	0.04	12.9	12.1
fdot100y10d	P300	BASE	514.50	87.00	88.00	68249	0.00	0.04	12.9	12.1
fdot100y10d	P300	BASE	518.50	86.99	88.00	68228	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	522.50	86.98	88.00	68206	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	526.50	86.97	88.00	68185	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	530.50	86.97	88.00	68164	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	534.50	86.96	88.00	68144	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	538.50	86.95	88.00	68123	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	542.50	86.94	88.00	68103	0.00	0.04	12.9	12.2
fdot100y10d	P300	BASE	546.50	86.93	88.00	68083	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	550.50	86.92	88.00	68063	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	554.50	86.91	88.00	68043	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	558.50	86.91	88.00	68024	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	562.50	86.90	88.00	68004	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	566.50	86.89	88.00	67985	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	570.50	86.88	88.00	67966	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	574.50	86.87	88.00	67947	0.00	0.04	12.9	12.3
fdot100y10d	P300	BASE	578.50	86.86	88.00	67928	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	582.50	86.86	88.00	67910	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	586.50	86.85	88.00	67891	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	590.50	86.84	88.00	67873	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	594.50	86.83	88.00	67855	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	598.50	86.82	88.00	67837	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	602.50	86.82	88.00	67819	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	606.50	86.81	88.00	67801	0.00	0.04	12.9	12.4
fdot100y10d	P300	BASE	610.50	86.80	88.00	67784	0.00	0.04	12.9	12.5
fdot100y10d	P300	BASE	614.50	86.79	88.00	67766	0.00	0.04	12.9	12.5
fdot100y10d	P300	BASE	618.50	86.79	88.00	67749	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	622.50	86.78	88.00	67732	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	626.50	86.77	88.00	67715	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	630.50	86.76	88.00	67698	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	634.50	86.76	88.00	67681	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	638.50	86.75	88.00	67664	0.00	0.03	12.9	12.5
fdot100y10d	P300	BASE	642.50	86.74	88.00	67648	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	646.50	86.74	88.00	67631	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	650.50	86.73	88.00	67615	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	654.50	86.72	88.00	67599	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	658.50	86.72	88.00	67583	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	662.50	86.71	88.00	67567	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	666.50	86.70	88.00	67551	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	670.50	86.69	88.00	67535	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	674.50	86.69	88.00	67519	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	678.50	86.68	88.00	67504	0.00	0.03	12.9	12.6
fdot100y10d	P300	BASE	682.50	86.67	88.00	67488	0.00	0.03	12.9	12.7
fdot100y10d	P300	BASE	686.50	86.67	88.00	67473	0.00	0.03	12.9	12.7

US 301 PD&E Basin 300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P300	BASE	690.50	86.66	88.00	67458	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	694.50	86.65	88.00	67442	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	698.50	86.65	88.00	67427	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	702.50	86.64	88.00	67412	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	706.50	86.64	88.00	67397	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	710.50	86.63	88.00	67383	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	714.50	86.62	88.00	67368	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	718.50	86.62	88.00	67353	0.00	0.03	12.9	12.7	
fdot100y10d	P300	BASE	722.50	86.61	88.00	67339	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	726.50	86.60	88.00	67324	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	730.50	86.60	88.00	67310	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	734.50	86.59	88.00	67296	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	738.50	86.59	88.00	67282	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	742.50	86.58	88.00	67268	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	746.50	86.57	88.00	67254	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	750.50	86.57	88.00	67240	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	754.50	86.56	88.00	67226	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	758.50	86.56	88.00	67212	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	762.50	86.55	88.00	67198	0.00	0.03	12.9	12.8	
fdot100y10d	P300	BASE	766.50	86.54	88.00	67185	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	770.50	86.54	88.00	67171	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	774.50	86.53	88.00	67158	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	778.50	86.53	88.00	67144	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	782.50	86.52	88.00	67131	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	786.50	86.52	88.00	67118	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	790.50	86.51	88.00	67104	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	794.50	86.50	88.00	67091	0.00	0.03	12.9	12.9	
fdot100y10d	P300	BASE	798.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	802.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	806.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	810.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	814.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	818.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	822.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	826.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	830.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	834.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	838.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	842.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	846.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	850.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	854.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	858.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	862.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	866.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	870.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	874.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	
fdot100y10d	P300	BASE	878.50	86.50	88.00	67082	0.00	0.00	12.9	12.9	

FULL VOLUME RECOVERY 23.1 DAYS AFTER FULL VOLUME RECOVERY

4/30/2009,4:00:19 PM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P300	BASE	882.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	886.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	890.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	894.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	898.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	902.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	906.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	910.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	914.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	918.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	922.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	926.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	930.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	934.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	938.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	942.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	946.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	950.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	954.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	958.50	86.50	88.00	67082	0.00	0.00	12.9	12.9
fdot100y10d	P300	BASE	960.00	86.50	88.00	67082	0.00	0.00	12.9	12.9

Basins

Name: B400 Node: P400 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 10.800 Time Shift(hrs): 0.00
Curve Number: 70.69 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Nodes

Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: BASE Warn Stage(ft): 89.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	82.000
960.00	82.000

Name: P400 Base Flow(cfs): 0.000 Init Stage(ft): 86.600
Group: BASE Warn Stage(ft): 88.000
Type: Stage/Area

Stage(ft)	Area(ac)
86.600	1.9800
88.000	2.0500

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 82.000
Group: BASE Warn Stage(ft): 89.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	82.000
960.00	82.000

Weirs

Name: OUT400 From Node: P400
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 88.000
Control Elevation(ft): 88.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P400 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 80.000 Perimeter 1(ft): 1185.000
Water Table Elev(ft): 82.000 Perimeter 2(ft): 1813.000
**********0.000 Perimeter 3(ft): 7468.000
Horiz Conductivity(ft/day): 27.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.000 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 4.600

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==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
960.000	30.00

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==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
240.000	120.000
410.000	15.000
960.000	240.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
960.000	15.000

Group	Run
BASE	Yes

Pond 400
Post-development
U.S. 301 PD&E

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	0.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	2.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	4.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	6.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	8.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	10.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	12.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	14.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	16.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	18.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	20.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	22.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	24.00	86.60	88.00	86249	0.00	0.00	0.0	0.0
fdot100y10d	P400	BASE	26.00	86.60	88.00	86249	0.05	0.05	0.0	0.0
fdot100y10d	P400	BASE	28.00	86.60	88.00	86249	0.13	0.13	0.0	0.0
fdot100y10d	P400	BASE	30.00	86.60	88.00	86249	0.21	0.21	0.0	0.0
fdot100y10d	P400	BASE	32.00	86.60	88.00	86249	0.28	0.28	0.1	0.1
fdot100y10d	P400	BASE	34.00	86.60	88.00	86249	1.63	1.63	0.2	0.2
fdot100y10d	P400	BASE	36.00	86.60	88.00	86250	2.14	2.14	0.6	0.6
fdot100y10d	P400	BASE	38.00	86.60	88.00	86250	2.50	2.50	0.9	0.9
fdot100y10d	P400	BASE	40.00	86.60	88.00	86250	2.77	2.76	1.4	1.4
fdot100y10d	P400	BASE	42.00	86.60	88.00	86249	0.60	0.60	1.7	1.7
fdot100y10d	P400	BASE	44.00	86.60	88.00	86249	0.60	0.60	1.8	1.8
fdot100y10d	P400	BASE	46.00	86.60	88.00	86249	0.61	0.61	1.9	1.9
fdot100y10d	P400	BASE	48.00	86.60	88.00	86249	0.62	0.62	2.0	2.0
fdot100y10d	P400	BASE	50.00	86.60	88.00	86249	0.55	0.55	2.1	2.1
fdot100y10d	P400	BASE	52.00	86.60	88.00	86249	0.55	0.55	2.1	2.1
fdot100y10d	P400	BASE	54.00	86.60	88.00	86249	0.56	0.56	2.2	2.2
fdot100y10d	P400	BASE	56.00	86.60	88.00	86249	0.56	0.56	2.3	2.3
fdot100y10d	P400	BASE	58.00	86.60	88.00	86249	0.54	0.54	2.4	2.4
fdot100y10d	P400	BASE	60.00	86.60	88.00	86249	0.55	0.54	2.5	2.5
fdot100y10d	P400	BASE	62.00	86.61	88.00	86261	0.55	0.44	2.6	2.6
fdot100y10d	P400	BASE	64.00	86.62	88.00	86286	0.55	0.39	2.7	2.7
fdot100y10d	P400	BASE	66.00	86.63	88.00	86324	0.58	0.35	2.8	2.7
fdot100y10d	P400	BASE	68.00	86.65	88.00	86368	0.58	0.33	2.9	2.8
fdot100y10d	P400	BASE	70.00	86.68	88.00	86417	0.59	0.31	3.0	2.8
fdot100y10d	P400	BASE	72.00	86.70	88.00	86470	0.59	0.29	3.1	2.9
fdot100y10d	P400	BASE	74.00	86.70	88.00	86468	0.15	0.27	3.1	2.9
fdot100y10d	P400	BASE	76.00	86.69	88.00	86448	0.15	0.25	3.2	3.0
fdot100y10d	P400	BASE	78.00	86.68	88.00	86431	0.15	0.24	3.2	3.0
fdot100y10d	P400	BASE	80.00	86.68	88.00	86417	0.15	0.23	3.2	3.0
fdot100y10d	P400	BASE	82.00	86.67	88.00	86401	0.13	0.22	3.2	3.1
fdot100y10d	P400	BASE	84.00	86.66	88.00	86386	0.13	0.21	3.3	3.1
fdot100y10d	P400	BASE	86.00	86.66	88.00	86372	0.13	0.20	3.3	3.2
fdot100y10d	P400	BASE	88.00	86.65	88.00	86360	0.13	0.20	3.3	3.2
fdot100y10d	P400	BASE	90.00	86.65	88.00	86351	0.16	0.19	3.3	3.2
fdot100y10d	P400	BASE	92.00	86.64	88.00	86345	0.16	0.19	3.4	3.2
fdot100y10d	P400	BASE	94.00	86.64	88.00	86340	0.16	0.18	3.4	3.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	96.00	86.64	88.00	86335	0.16	0.18	3.4	3.3
fdot100y10d	P400	BASE	98.00	86.64	88.00	86331	0.16	0.18	3.4	3.3
fdot100y10d	P400	BASE	100.00	86.64	88.00	86328	0.16	0.17	3.5	3.4
fdot100y10d	P400	BASE	102.00	86.64	88.00	86326	0.16	0.17	3.5	3.4
fdot100y10d	P400	BASE	104.00	86.63	88.00	86324	0.16	0.17	3.5	3.4
fdot100y10d	P400	BASE	106.00	86.63	88.00	86320	0.13	0.16	3.5	3.5
fdot100y10d	P400	BASE	108.00	86.63	88.00	86315	0.13	0.16	3.6	3.5
fdot100y10d	P400	BASE	110.00	86.63	88.00	86311	0.13	0.16	3.6	3.5
fdot100y10d	P400	BASE	112.00	86.63	88.00	86307	0.13	0.15	3.6	3.5
fdot100y10d	P400	BASE	114.00	86.63	88.00	86307	0.16	0.15	3.6	3.6
fdot100y10d	P400	BASE	116.00	86.63	88.00	86308	0.16	0.15	3.6	3.6
fdot100y10d	P400	BASE	118.00	86.63	88.00	86310	0.16	0.15	3.7	3.6
fdot100y10d	P400	BASE	120.00	86.63	88.00	86312	0.16	0.15	3.7	3.6
fdot100y10d	P400	BASE	122.00	86.63	88.00	86314	0.16	0.14	3.7	3.7
fdot100y10d	P400	BASE	124.00	86.63	88.00	86317	0.16	0.14	3.8	3.7
fdot100y10d	P400	BASE	126.00	86.63	88.00	86320	0.16	0.14	3.8	3.7
fdot100y10d	P400	BASE	128.00	86.63	88.00	86323	0.16	0.14	3.8	3.7
fdot100y10d	P400	BASE	130.00	86.63	88.00	86323	0.14	0.14	3.8	3.7
fdot100y10d	P400	BASE	132.00	86.63	88.00	86323	0.14	0.14	3.9	3.8
fdot100y10d	P400	BASE	134.00	86.63	88.00	86323	0.14	0.13	3.9	3.8
fdot100y10d	P400	BASE	136.00	86.63	88.00	86324	0.14	0.13	3.9	3.8
fdot100y10d	P400	BASE	138.00	86.64	88.00	86327	0.16	0.13	3.9	3.8
fdot100y10d	P400	BASE	140.00	86.64	88.00	86332	0.16	0.13	3.9	3.9
fdot100y10d	P400	BASE	142.00	86.64	88.00	86338	0.16	0.13	4.0	3.9
fdot100y10d	P400	BASE	144.00	86.64	88.00	86343	0.16	0.13	4.0	3.9
fdot100y10d	P400	BASE	146.00	86.66	88.00	86388	0.46	0.14	4.1	3.9
fdot100y10d	P400	BASE	148.00	86.69	88.00	86446	0.46	0.14	4.1	3.9
fdot100y10d	P400	BASE	150.00	86.72	88.00	86504	0.46	0.14	4.2	4.0
fdot100y10d	P400	BASE	152.00	86.74	88.00	86562	0.46	0.14	4.3	4.0
fdot100y10d	P400	BASE	154.00	86.77	88.00	86619	0.46	0.15	4.4	4.0
fdot100y10d	P400	BASE	156.00	86.80	88.00	86677	0.46	0.15	4.4	4.0
fdot100y10d	P400	BASE	158.00	86.82	88.00	86734	0.46	0.15	4.5	4.1
fdot100y10d	P400	BASE	160.00	86.85	88.00	86791	0.47	0.15	4.6	4.1
fdot100y10d	P400	BASE	162.00	86.88	88.00	86848	0.47	0.15	4.7	4.1
fdot100y10d	P400	BASE	164.00	86.90	88.00	86906	0.47	0.15	4.7	4.1
fdot100y10d	P400	BASE	166.00	86.93	88.00	86963	0.47	0.15	4.8	4.2
fdot100y10d	P400	BASE	168.00	86.95	88.00	87020	0.47	0.15	4.9	4.2
fdot100y10d	P400	BASE	170.00	87.05	88.00	87238	1.70	0.19	5.1	4.2
fdot100y10d	P400	BASE	172.00	87.18	88.00	87509	1.71	0.20	5.4	4.2
fdot100y10d	P400	BASE	174.00	87.30	88.00	87779	1.73	0.22	5.6	4.3
fdot100y10d	P400	BASE	176.00	87.43	88.00	88048	1.75	0.23	5.9	4.3
fdot100y10d	P400	BASE	178.00	87.84	88.00	88952	6.73	0.38	6.6	4.4
fdot100y10d	P400	BASE	180.00	88.22	88.00	89767	6.82	5.18	7.7	4.8
fdot100y10d	P400	BASE	182.01	88.26	88.00	89869	6.89	6.76	8.9	5.8
fdot100y10d	P400	BASE	184.01	88.27	88.00	89880	6.93	6.92	10.0	6.9
fdot100y10d	P400	BASE	186.00	88.13	88.00	89576	1.32	2.40	10.7	7.7
fdot100y10d	P400	BASE	188.01	88.09	88.00	89492	1.32	1.49	10.9	8.0
fdot100y10d	P400	BASE	190.01	88.08	88.00	89478	1.32	1.35	11.1	8.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	192.01	88.08	88.00	89476	1.32	1.33	11.4	8.5
fdot100y10d	P400	BASE	194.01	88.07	88.00	89440	0.84	1.00	11.5	8.7
fdot100y10d	P400	BASE	196.01	88.06	88.00	89426	0.84	0.88	11.7	8.8
fdot100y10d	P400	BASE	198.01	88.06	88.00	89422	0.84	0.85	11.8	9.0
fdot100y10d	P400	BASE	200.01	88.06	88.00	89422	0.84	0.84	12.0	9.1
fdot100y10d	P400	BASE	202.01	88.06	88.00	89422	0.84	0.84	12.1	9.3
fdot100y10d	P400	BASE	204.01	88.06	88.00	89422	0.84	0.84	12.2	9.4
fdot100y10d	P400	BASE	206.01	88.06	88.00	89422	0.84	0.84	12.4	9.5
fdot100y10d	P400	BASE	208.01	88.06	88.00	89423	0.84	0.84	12.5	9.7
fdot100y10d	P400	BASE	210.01	88.06	88.00	89425	0.87	0.86	12.7	9.8
fdot100y10d	P400	BASE	212.01	88.06	88.00	89427	0.87	0.87	12.8	10.0
fdot100y10d	P400	BASE	214.01	88.06	88.00	89427	0.87	0.87	12.9	10.1
fdot100y10d	P400	BASE	216.01	88.06	88.00	89428	0.87	0.87	13.1	10.2
fdot100y10d	P400	BASE	218.01	88.04	88.00	89385	0.33	0.55	13.2	10.4
fdot100y10d	P400	BASE	220.01	88.03	88.00	89362	0.33	0.41	13.2	10.4
fdot100y10d	P400	BASE	222.01	88.03	88.00	89354	0.33	0.36	13.3	10.5
fdot100y10d	P400	BASE	224.01	88.02	88.00	89351	0.33	0.34	13.4	10.6
fdot100y10d	P400	BASE	226.01	88.02	88.00	89350	0.33	0.34	13.4	10.6
fdot100y10d	P400	BASE	228.01	88.02	88.00	89350	0.33	0.33	13.5	10.7
fdot100y10d	P400	BASE	230.01	88.02	88.00	89350	0.33	0.33	13.5	10.7
fdot100y10d	P400	BASE	232.01	88.02	88.00	89350	0.33	0.33	13.6	10.8
fdot100y10d	P400	BASE	234.01	88.02	88.00	89352	0.36	0.34	13.6	10.8
fdot100y10d	P400	BASE	236.01	88.03	88.00	89354	0.36	0.35	13.7	10.9
fdot100y10d	P400	BASE	238.01	88.03	88.00	89355	0.36	0.36	13.7	11.0
fdot100y10d	P400	BASE	240.01	88.03	88.00	89355	0.36	0.36	13.8	11.0
fdot100y10d	P400	BASE	242.01	88.01	88.00	89322	0.00	0.20	13.8	11.1
fdot100y10d	P400	BASE	242.26	88.01	88.00	89318	0.00	0.19	13.8	11.1
fdot100y10d	P400	BASE	242.51	88.01	88.00	89314	0.00	0.17	13.8	11.1
fdot100y10d	P400	BASE	242.76	88.01	88.00	89310	0.00	0.16	13.8	11.1
fdot100y10d	P400	BASE	243.01	88.00	88.00	89307	0.00	0.16	13.8	11.1
fdot100y10d	P400	BASE	243.26	88.00	88.00	89303	0.00	0.15	13.8	11.1
fdot100y10d	P400	BASE	243.51	88.00	88.00	89300	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	243.76	88.00	88.00	89297	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	244.01	88.00	88.00	89294	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	244.26	88.00	88.00	89291	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	244.51	88.00	88.00	89288	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	244.76	87.99	88.00	89285	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	245.01	87.99	88.00	89281	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	245.26	87.99	88.00	89278	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	245.51	87.99	88.00	89275	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	245.76	87.99	88.00	89272	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	246.01	87.99	88.00	89269	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	246.26	87.99	88.00	89266	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	246.51	87.98	88.00	89263	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	246.76	87.98	88.00	89260	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	247.01	87.98	88.00	89257	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	247.26	87.98	88.00	89254	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	247.51	87.98	88.00	89251	0.00	0.14	13.8	11.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	247.76	87.98	88.00	89248	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	248.01	87.98	88.00	89245	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	248.26	87.97	88.00	89242	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	248.51	87.97	88.00	89239	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	248.76	87.97	88.00	89236	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	249.01	87.97	88.00	89233	0.00	0.14	13.8	11.1
fdot100y10d	P400	BASE	249.26	87.97	88.00	89230	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	249.51	87.97	88.00	89227	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	249.76	87.97	88.00	89224	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	250.01	87.96	88.00	89221	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	250.26	87.96	88.00	89218	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	250.51	87.96	88.00	89215	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	250.76	87.96	88.00	89212	0.00	0.14	13.8	11.2
fdot100y10d	P400	BASE	251.01	87.96	88.00	89209	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	251.26	87.96	88.00	89206	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	251.51	87.96	88.00	89203	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	251.76	87.95	88.00	89200	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	252.01	87.95	88.00	89197	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	252.26	87.95	88.00	89194	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	252.51	87.95	88.00	89191	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	252.76	87.95	88.00	89188	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	253.01	87.95	88.00	89185	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	253.26	87.95	88.00	89182	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	253.51	87.95	88.00	89179	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	253.76	87.94	88.00	89176	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	254.01	87.94	88.00	89173	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	254.26	87.94	88.00	89171	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	254.51	87.94	88.00	89168	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	254.76	87.94	88.00	89165	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	255.01	87.94	88.00	89162	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	255.26	87.94	88.00	89159	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	255.51	87.93	88.00	89156	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	255.76	87.93	88.00	89153	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	256.01	87.93	88.00	89150	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	256.26	87.93	88.00	89147	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	256.51	87.93	88.00	89145	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	256.76	87.93	88.00	89142	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	257.01	87.93	88.00	89139	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	257.26	87.93	88.00	89136	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	257.51	87.92	88.00	89133	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	257.76	87.92	88.00	89130	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	258.01	87.92	88.00	89128	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	258.26	87.92	88.00	89125	0.00	0.13	13.8	11.2
fdot100y10d	P400	BASE	258.51	87.92	88.00	89122	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	258.76	87.92	88.00	89119	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	259.01	87.92	88.00	89116	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	259.26	87.92	88.00	89113	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	259.51	87.91	88.00	89111	0.00	0.13	13.8	11.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	259.76	87.91	88.00	89108	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	260.01	87.91	88.00	89105	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	260.26	87.91	88.00	89102	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	260.51	87.91	88.00	89099	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	260.76	87.91	88.00	89097	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	261.01	87.91	88.00	89094	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	261.26	87.90	88.00	89091	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	261.51	87.90	88.00	89088	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	261.76	87.90	88.00	89085	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	262.01	87.90	88.00	89083	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	262.26	87.90	88.00	89080	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	262.51	87.90	88.00	89077	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	262.76	87.90	88.00	89074	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	263.01	87.90	88.00	89072	0.00	0.13	13.8	11.3
fdot100y10d	P400	BASE	263.26	87.89	88.00	89069	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	263.51	87.89	88.00	89066	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	263.76	87.89	88.00	89063	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	264.01	87.89	88.00	89061	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	264.26	87.89	88.00	89058	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	264.51	87.89	88.00	89055	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	264.76	87.89	88.00	89052	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	265.01	87.89	88.00	89050	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	265.26	87.88	88.00	89047	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	265.51	87.88	88.00	89044	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	265.76	87.88	88.00	89042	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	266.01	87.88	88.00	89039	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	266.26	87.88	88.00	89036	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	266.51	87.88	88.00	89034	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	266.76	87.88	88.00	89031	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	267.01	87.88	88.00	89028	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	267.26	87.87	88.00	89025	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	267.51	87.87	88.00	89023	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	267.76	87.87	88.00	89020	0.00	0.12	13.8	11.3
fdot100y10d	P400	BASE	268.01	87.87	88.00	89017	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	268.26	87.87	88.00	89015	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	268.51	87.87	88.00	89012	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	268.76	87.87	88.00	89009	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	269.01	87.87	88.00	89007	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	269.26	87.87	88.00	89004	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	269.51	87.86	88.00	89001	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	269.76	87.86	88.00	88999	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	270.01	87.86	88.00	88996	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	270.26	87.86	88.00	88993	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	270.51	87.86	88.00	88991	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	270.76	87.86	88.00	88988	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	271.01	87.86	88.00	88986	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	271.26	87.86	88.00	88983	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	271.51	87.85	88.00	88980	0.00	0.12	13.8	11.4

Pond 400
Post-development
U.S. 301 PD&E

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	271.76	87.85	88.00	88978	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	272.01	87.85	88.00	88975	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	272.26	87.85	88.00	88972	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	272.51	87.85	88.00	88970	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	272.76	87.85	88.00	88967	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	273.01	87.85	88.00	88965	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	273.26	87.85	88.00	88962	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	273.51	87.84	88.00	88959	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	273.76	87.84	88.00	88957	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	274.01	87.84	88.00	88954	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	274.26	87.84	88.00	88952	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	274.51	87.84	88.00	88949	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	274.76	87.84	88.00	88946	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	275.01	87.84	88.00	88944	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	275.26	87.84	88.00	88941	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	275.51	87.84	88.00	88939	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	275.76	87.83	88.00	88936	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	276.01	87.83	88.00	88933	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	276.26	87.83	88.00	88931	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	276.51	87.83	88.00	88928	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	276.76	87.83	88.00	88926	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	277.01	87.83	88.00	88923	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	277.26	87.83	88.00	88921	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	277.51	87.83	88.00	88918	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	277.76	87.82	88.00	88916	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	278.01	87.82	88.00	88913	0.00	0.12	13.8	11.4
fdot100y10d	P400	BASE	278.26	87.82	88.00	88911	0.00	0.12	13.8	11.5
fdot100y10d	P400	BASE	278.51	87.82	88.00	88908	0.00	0.12	13.8	11.5
fdot100y10d	P400	BASE	278.76	87.82	88.00	88905	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	279.01	87.82	88.00	88903	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	279.26	87.82	88.00	88900	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	279.51	87.82	88.00	88898	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	279.76	87.82	88.00	88895	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	280.01	87.81	88.00	88893	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	280.26	87.81	88.00	88890	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	280.51	87.81	88.00	88888	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	280.76	87.81	88.00	88885	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	281.01	87.81	88.00	88883	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	281.26	87.81	88.00	88880	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	281.51	87.81	88.00	88878	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	281.76	87.81	88.00	88875	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	282.01	87.80	88.00	88873	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	282.26	87.80	88.00	88870	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	282.51	87.80	88.00	88868	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	282.76	87.80	88.00	88865	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	283.01	87.80	88.00	88863	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	283.26	87.80	88.00	88860	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	283.51	87.80	88.00	88858	0.00	0.11	13.8	11.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	283.76	87.80	88.00	88855	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	284.01	87.80	88.00	88853	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	284.26	87.79	88.00	88850	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	284.51	87.79	88.00	88848	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	284.76	87.79	88.00	88846	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	285.01	87.79	88.00	88843	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	285.26	87.79	88.00	88841	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	285.51	87.79	88.00	88838	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	285.76	87.79	88.00	88836	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	286.01	87.79	88.00	88833	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	286.26	87.79	88.00	88831	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	286.51	87.78	88.00	88828	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	286.76	87.78	88.00	88826	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	287.01	87.78	88.00	88824	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	287.26	87.78	88.00	88821	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	287.51	87.78	88.00	88819	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	287.76	87.78	88.00	88816	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	288.01	87.78	88.00	88814	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	288.26	87.78	88.00	88811	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	288.51	87.78	88.00	88809	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	288.76	87.77	88.00	88807	0.00	0.11	13.8	11.5
fdot100y10d	P400	BASE	289.01	87.77	88.00	88804	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	289.26	87.77	88.00	88802	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	289.51	87.77	88.00	88799	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	289.76	87.77	88.00	88797	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	290.01	87.77	88.00	88795	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	290.26	87.77	88.00	88792	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	290.51	87.77	88.00	88790	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	290.76	87.77	88.00	88787	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	291.01	87.76	88.00	88785	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	291.26	87.76	88.00	88783	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	291.51	87.76	88.00	88780	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	291.76	87.76	88.00	88778	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	292.01	87.76	88.00	88775	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	292.26	87.76	88.00	88773	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	292.51	87.76	88.00	88771	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	292.76	87.76	88.00	88768	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	293.01	87.76	88.00	88766	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	293.26	87.75	88.00	88764	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	293.51	87.75	88.00	88761	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	293.76	87.75	88.00	88759	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	294.01	87.75	88.00	88756	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	294.26	87.75	88.00	88754	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	294.51	87.75	88.00	88752	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	294.76	87.75	88.00	88749	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	295.01	87.75	88.00	88747	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	295.26	87.75	88.00	88745	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	295.51	87.74	88.00	88742	0.00	0.11	13.8	11.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	295.76	87.74	88.00	88740	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	296.01	87.74	88.00	88738	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	296.26	87.74	88.00	88735	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	296.51	87.74	88.00	88733	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	296.76	87.74	88.00	88731	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	297.01	87.74	88.00	88728	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	297.26	87.74	88.00	88726	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	297.51	87.74	88.00	88724	0.00	0.11	13.8	11.6
fdot100y10d	P400	BASE	297.76	87.74	88.00	88721	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	298.01	87.73	88.00	88719	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	298.26	87.73	88.00	88717	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	298.51	87.73	88.00	88714	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	298.76	87.73	88.00	88712	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	299.01	87.73	88.00	88710	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	299.26	87.73	88.00	88708	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	299.51	87.73	88.00	88705	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	299.76	87.73	88.00	88703	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	300.01	87.73	88.00	88701	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	300.26	87.72	88.00	88698	0.00	0.10	13.8	11.6
fdot100y10d	P400	BASE	300.51	87.72	88.00	88696	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	300.76	87.72	88.00	88694	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	301.01	87.72	88.00	88692	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	301.26	87.72	88.00	88689	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	301.51	87.72	88.00	88687	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	301.76	87.72	88.00	88685	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	302.01	87.72	88.00	88682	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	302.26	87.72	88.00	88680	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	302.51	87.72	88.00	88678	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	302.76	87.71	88.00	88676	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	303.01	87.71	88.00	88673	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	303.26	87.71	88.00	88671	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	303.51	87.71	88.00	88669	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	303.76	87.71	88.00	88667	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	304.01	87.71	88.00	88664	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	304.26	87.71	88.00	88662	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	304.51	87.71	88.00	88660	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	304.76	87.71	88.00	88658	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	305.01	87.70	88.00	88655	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	305.26	87.70	88.00	88653	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	305.51	87.70	88.00	88651	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	305.76	87.70	88.00	88649	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	306.01	87.70	88.00	88646	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	306.26	87.70	88.00	88644	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	306.51	87.70	88.00	88642	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	306.76	87.70	88.00	88640	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	307.01	87.70	88.00	88637	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	307.26	87.70	88.00	88635	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	307.51	87.69	88.00	88633	0.00	0.10	13.8	11.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	307.76	87.69	88.00	88631	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	308.01	87.69	88.00	88628	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	308.26	87.69	88.00	88626	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	308.51	87.69	88.00	88624	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	308.76	87.69	88.00	88622	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	309.01	87.69	88.00	88620	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	309.26	87.69	88.00	88617	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	309.51	87.69	88.00	88615	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	309.76	87.69	88.00	88613	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	310.01	87.68	88.00	88611	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	310.26	87.68	88.00	88609	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	310.51	87.68	88.00	88606	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	310.76	87.68	88.00	88604	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	311.01	87.68	88.00	88602	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	311.26	87.68	88.00	88600	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	311.51	87.68	88.00	88598	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	311.76	87.68	88.00	88596	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	312.01	87.68	88.00	88593	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	312.26	87.68	88.00	88591	0.00	0.10	13.8	11.7
fdot100y10d	P400	BASE	312.51	87.67	88.00	88589	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	312.76	87.67	88.00	88587	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	313.01	87.67	88.00	88585	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	313.26	87.67	88.00	88582	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	313.51	87.67	88.00	88580	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	313.76	87.67	88.00	88578	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	314.01	87.67	88.00	88576	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	314.26	87.67	88.00	88574	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	314.51	87.67	88.00	88572	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	314.76	87.67	88.00	88569	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	315.01	87.66	88.00	88567	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	315.26	87.66	88.00	88565	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	315.51	87.66	88.00	88563	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	315.76	87.66	88.00	88561	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	316.01	87.66	88.00	88559	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	316.26	87.66	88.00	88557	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	316.51	87.66	88.00	88554	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	316.76	87.66	88.00	88552	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	317.01	87.66	88.00	88550	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	317.26	87.66	88.00	88548	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	317.51	87.65	88.00	88546	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	317.76	87.65	88.00	88544	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	318.01	87.65	88.00	88542	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	318.26	87.65	88.00	88540	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	318.51	87.65	88.00	88537	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	318.76	87.65	88.00	88535	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	319.01	87.65	88.00	88533	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	319.26	87.65	88.00	88531	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	319.51	87.65	88.00	88529	0.00	0.10	13.8	11.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	319.76	87.65	88.00	88527	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	320.01	87.64	88.00	88525	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	320.26	87.64	88.00	88523	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	320.51	87.64	88.00	88520	0.00	0.10	13.8	11.8
fdot100y10d	P400	BASE	320.76	87.64	88.00	88518	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	321.01	87.64	88.00	88516	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	321.26	87.64	88.00	88514	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	321.51	87.64	88.00	88512	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	321.76	87.64	88.00	88510	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	322.01	87.64	88.00	88508	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	322.26	87.64	88.00	88506	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	322.51	87.64	88.00	88504	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	322.76	87.63	88.00	88502	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	323.01	87.63	88.00	88500	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	323.26	87.63	88.00	88497	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	323.51	87.63	88.00	88495	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	323.76	87.63	88.00	88493	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	324.01	87.63	88.00	88491	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	324.26	87.63	88.00	88489	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	324.51	87.63	88.00	88487	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	324.76	87.63	88.00	88485	0.00	0.09	13.8	11.8
fdot100y10d	P400	BASE	325.01	87.63	88.00	88483	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	325.26	87.62	88.00	88481	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	325.51	87.62	88.00	88479	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	325.76	87.62	88.00	88477	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	326.01	87.62	88.00	88475	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	326.26	87.62	88.00	88473	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	326.51	87.62	88.00	88471	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	326.76	87.62	88.00	88469	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	327.01	87.62	88.00	88466	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	327.26	87.62	88.00	88464	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	327.51	87.62	88.00	88462	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	327.76	87.62	88.00	88460	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	328.01	87.61	88.00	88458	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	328.26	87.61	88.00	88456	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	328.51	87.61	88.00	88454	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	328.76	87.61	88.00	88452	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	329.01	87.61	88.00	88450	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	329.26	87.61	88.00	88448	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	329.51	87.61	88.00	88446	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	329.76	87.61	88.00	88444	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	330.01	87.61	88.00	88442	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	330.26	87.61	88.00	88440	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	330.51	87.61	88.00	88438	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	330.76	87.60	88.00	88436	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	331.01	87.60	88.00	88434	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	331.26	87.60	88.00	88432	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	331.51	87.60	88.00	88430	0.00	0.09	13.8	11.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	331.76	87.60	88.00	88428	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	332.01	87.60	88.00	88426	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	332.26	87.60	88.00	88424	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	332.51	87.60	88.00	88422	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	332.76	87.60	88.00	88420	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	333.01	87.60	88.00	88418	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	333.26	87.59	88.00	88416	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	333.51	87.59	88.00	88414	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	333.76	87.59	88.00	88412	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	334.01	87.59	88.00	88410	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	334.26	87.59	88.00	88408	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	334.51	87.59	88.00	88406	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	334.76	87.59	88.00	88404	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	335.01	87.59	88.00	88402	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	335.26	87.59	88.00	88400	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	335.51	87.59	88.00	88398	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	335.76	87.59	88.00	88396	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	336.01	87.58	88.00	88394	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	336.26	87.58	88.00	88392	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	336.51	87.58	88.00	88390	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	336.76	87.58	88.00	88388	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	337.01	87.58	88.00	88386	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	337.26	87.58	88.00	88384	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	337.51	87.58	88.00	88382	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	337.76	87.58	88.00	88380	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	338.01	87.58	88.00	88378	0.00	0.09	13.8	11.9
fdot100y10d	P400	BASE	338.26	87.58	88.00	88376	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	338.51	87.58	88.00	88374	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	338.76	87.57	88.00	88372	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	339.01	87.57	88.00	88370	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	339.26	87.57	88.00	88368	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	339.51	87.57	88.00	88366	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	339.76	87.57	88.00	88364	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	340.01	87.57	88.00	88362	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	340.26	87.57	88.00	88360	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	340.51	87.57	88.00	88359	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	340.76	87.57	88.00	88357	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	341.01	87.57	88.00	88355	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	341.26	87.57	88.00	88353	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	341.51	87.57	88.00	88351	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	341.76	87.56	88.00	88349	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	342.01	87.56	88.00	88347	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	342.26	87.56	88.00	88345	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	342.51	87.56	88.00	88343	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	342.76	87.56	88.00	88341	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	343.01	87.56	88.00	88339	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	343.26	87.56	88.00	88337	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	343.51	87.56	88.00	88335	0.00	0.09	13.8	12.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	343.76	87.56	88.00	88333	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	344.01	87.56	88.00	88331	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	344.26	87.56	88.00	88330	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	344.51	87.55	88.00	88328	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	344.76	87.55	88.00	88326	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	345.01	87.55	88.00	88324	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	345.26	87.55	88.00	88322	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	345.51	87.55	88.00	88320	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	345.76	87.55	88.00	88318	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	346.01	87.55	88.00	88316	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	346.26	87.55	88.00	88314	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	346.51	87.55	88.00	88312	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	346.76	87.55	88.00	88310	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	347.01	87.55	88.00	88309	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	347.26	87.54	88.00	88307	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	347.51	87.54	88.00	88305	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	347.76	87.54	88.00	88303	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	348.01	87.54	88.00	88301	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	348.26	87.54	88.00	88299	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	348.51	87.54	88.00	88297	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	348.76	87.54	88.00	88295	0.00	0.09	13.8	12.0
fdot100y10d	P400	BASE	349.01	87.54	88.00	88293	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	349.26	87.54	88.00	88291	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	349.51	87.54	88.00	88290	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	349.76	87.54	88.00	88288	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	350.01	87.54	88.00	88286	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	350.26	87.53	88.00	88284	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	350.51	87.53	88.00	88282	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	350.76	87.53	88.00	88280	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	351.01	87.53	88.00	88278	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	351.26	87.53	88.00	88276	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	351.51	87.53	88.00	88275	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	351.76	87.53	88.00	88273	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	352.01	87.53	88.00	88271	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	352.26	87.53	88.00	88269	0.00	0.08	13.8	12.0
fdot100y10d	P400	BASE	352.51	87.53	88.00	88267	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	352.76	87.53	88.00	88265	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	353.01	87.52	88.00	88263	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	353.26	87.52	88.00	88262	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	353.51	87.52	88.00	88260	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	353.76	87.52	88.00	88258	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	354.01	87.52	88.00	88256	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	354.26	87.52	88.00	88254	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	354.51	87.52	88.00	88252	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	354.76	87.52	88.00	88250	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	355.01	87.52	88.00	88249	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	355.26	87.52	88.00	88247	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	355.51	87.52	88.00	88245	0.00	0.08	13.8	12.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	355.76	87.52	88.00	88243	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	356.01	87.51	88.00	88241	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	356.26	87.51	88.00	88239	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	356.51	87.51	88.00	88238	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	356.76	87.51	88.00	88236	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	357.01	87.51	88.00	88234	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	357.26	87.51	88.00	88232	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	357.51	87.51	88.00	88230	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	357.76	87.51	88.00	88228	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	358.01	87.51	88.00	88227	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	358.26	87.51	88.00	88225	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	358.51	87.51	88.00	88223	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	358.76	87.51	88.00	88221	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	359.01	87.50	88.00	88219	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	359.26	87.50	88.00	88217	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	359.51	87.50	88.00	88216	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	359.76	87.50	88.00	88214	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	360.01	87.50	88.00	88212	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	360.26	87.50	88.00	88210	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	360.51	87.50	88.00	88208	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	360.76	87.50	88.00	88207	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	361.01	87.50	88.00	88205	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	361.26	87.50	88.00	88203	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	361.51	87.50	88.00	88201	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	361.76	87.50	88.00	88199	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	362.01	87.49	88.00	88198	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	362.26	87.49	88.00	88196	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	362.51	87.49	88.00	88194	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	362.76	87.49	88.00	88192	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	363.01	87.49	88.00	88190	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	363.26	87.49	88.00	88189	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	363.51	87.49	88.00	88187	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	363.76	87.49	88.00	88185	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	364.01	87.49	88.00	88183	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	364.26	87.49	88.00	88181	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	364.51	87.49	88.00	88180	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	364.76	87.49	88.00	88178	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	365.01	87.48	88.00	88176	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	365.26	87.48	88.00	88174	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	365.51	87.48	88.00	88172	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	365.76	87.48	88.00	88171	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	366.01	87.48	88.00	88169	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	366.26	87.48	88.00	88167	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	366.51	87.48	88.00	88165	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	366.76	87.48	88.00	88164	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	367.01	87.48	88.00	88162	0.00	0.08	13.8	12.1
fdot100y10d	P400	BASE	367.26	87.48	88.00	88160	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	367.51	87.48	88.00	88158	0.00	0.08	13.8	12.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	367.76	87.48	88.00	88157	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	368.01	87.48	88.00	88155	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	368.26	87.47	88.00	88153	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	368.51	87.47	88.00	88151	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	368.76	87.47	88.00	88149	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	369.01	87.47	88.00	88148	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	369.26	87.47	88.00	88146	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	369.51	87.47	88.00	88144	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	369.76	87.47	88.00	88142	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	370.01	87.47	88.00	88141	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	370.26	87.47	88.00	88139	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	370.51	87.47	88.00	88137	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	370.76	87.47	88.00	88135	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	371.01	87.47	88.00	88134	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	371.26	87.46	88.00	88132	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	371.51	87.46	88.00	88130	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	371.76	87.46	88.00	88129	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	372.01	87.46	88.00	88127	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	372.26	87.46	88.00	88125	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	372.51	87.46	88.00	88123	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	372.76	87.46	88.00	88122	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	373.01	87.46	88.00	88120	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	373.26	87.46	88.00	88118	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	373.51	87.46	88.00	88116	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	373.76	87.46	88.00	88115	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	374.01	87.46	88.00	88113	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	374.26	87.46	88.00	88111	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	374.51	87.45	88.00	88109	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	374.76	87.45	88.00	88108	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	375.01	87.45	88.00	88106	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	375.26	87.45	88.00	88104	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	375.51	87.45	88.00	88103	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	375.76	87.45	88.00	88101	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	376.01	87.45	88.00	88099	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	376.26	87.45	88.00	88097	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	376.51	87.45	88.00	88096	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	376.76	87.45	88.00	88094	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	377.01	87.45	88.00	88092	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	377.26	87.45	88.00	88091	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	377.51	87.44	88.00	88089	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	377.76	87.44	88.00	88087	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	378.01	87.44	88.00	88085	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	378.26	87.44	88.00	88084	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	378.51	87.44	88.00	88082	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	378.76	87.44	88.00	88080	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	379.01	87.44	88.00	88079	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	379.26	87.44	88.00	88077	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	379.51	87.44	88.00	88075	0.00	0.08	13.8	12.2

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	379.76	87.44	88.00	88074	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	380.01	87.44	88.00	88072	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	380.26	87.44	88.00	88070	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	380.51	87.44	88.00	88069	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	380.76	87.43	88.00	88067	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	381.01	87.43	88.00	88065	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	381.26	87.43	88.00	88063	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	381.51	87.43	88.00	88062	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	381.76	87.43	88.00	88060	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	382.01	87.43	88.00	88058	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	382.26	87.43	88.00	88057	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	382.51	87.43	88.00	88055	0.00	0.08	13.8	12.2
fdot100y10d	P400	BASE	382.76	87.43	88.00	88053	0.00	0.08	13.8	12.3
fdot100y10d	P400	BASE	383.01	87.43	88.00	88052	0.00	0.08	13.8	12.3
fdot100y10d	P400	BASE	383.26	87.43	88.00	88050	0.00	0.08	13.8	12.3
fdot100y10d	P400	BASE	383.51	87.43	88.00	88048	0.00	0.08	13.8	12.3
fdot100y10d	P400	BASE	383.76	87.43	88.00	88047	0.00	0.08	13.8	12.3
fdot100y10d	P400	BASE	384.01	87.42	88.00	88045	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	384.26	87.42	88.00	88043	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	384.51	87.42	88.00	88042	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	384.76	87.42	88.00	88040	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	385.01	87.42	88.00	88038	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	385.26	87.42	88.00	88037	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	385.51	87.42	88.00	88035	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	385.76	87.42	88.00	88033	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	386.01	87.42	88.00	88032	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	386.26	87.42	88.00	88030	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	386.51	87.42	88.00	88028	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	386.76	87.42	88.00	88027	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	387.01	87.42	88.00	88025	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	387.26	87.41	88.00	88023	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	387.51	87.41	88.00	88022	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	387.76	87.41	88.00	88020	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	388.01	87.41	88.00	88018	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	388.26	87.41	88.00	88017	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	388.51	87.41	88.00	88015	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	388.76	87.41	88.00	88014	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	389.01	87.41	88.00	88012	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	389.26	87.41	88.00	88010	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	389.51	87.41	88.00	88009	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	389.76	87.41	88.00	88007	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	390.01	87.41	88.00	88005	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	390.26	87.41	88.00	88004	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	390.51	87.40	88.00	88002	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	390.76	87.40	88.00	88000	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	391.01	87.40	88.00	87999	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	391.26	87.40	88.00	87997	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	391.51	87.40	88.00	87996	0.00	0.07	13.8	12.3

½ VOLUME RECOVERY 5.95 DAYS AFTER 10 DAY EVENT

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	391.76	87.40	88.00	87994	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	392.01	87.40	88.00	87992	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	392.26	87.40	88.00	87991	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	392.51	87.40	88.00	87989	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	392.76	87.40	88.00	87987	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	393.01	87.40	88.00	87986	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	393.26	87.40	88.00	87984	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	393.51	87.40	88.00	87983	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	393.76	87.40	88.00	87981	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	394.01	87.39	88.00	87979	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	394.26	87.39	88.00	87978	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	394.51	87.39	88.00	87976	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	394.76	87.39	88.00	87974	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	395.01	87.39	88.00	87973	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	395.26	87.39	88.00	87971	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	395.51	87.39	88.00	87970	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	395.76	87.39	88.00	87968	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	396.01	87.39	88.00	87966	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	396.26	87.39	88.00	87965	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	396.51	87.39	88.00	87963	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	396.76	87.39	88.00	87962	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	397.01	87.39	88.00	87960	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	397.26	87.38	88.00	87958	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	397.51	87.38	88.00	87957	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	397.76	87.38	88.00	87955	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	398.01	87.38	88.00	87954	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	398.26	87.38	88.00	87952	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	398.51	87.38	88.00	87950	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	398.76	87.38	88.00	87949	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	399.01	87.38	88.00	87947	0.00	0.07	13.8	12.3
fdot100y10d	P400	BASE	399.26	87.38	88.00	87946	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	399.51	87.38	88.00	87944	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	399.76	87.38	88.00	87943	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	400.01	87.38	88.00	87941	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	400.26	87.38	88.00	87939	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	400.51	87.38	88.00	87938	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	400.76	87.37	88.00	87936	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	401.01	87.37	88.00	87935	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	401.26	87.37	88.00	87933	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	401.51	87.37	88.00	87931	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	401.76	87.37	88.00	87930	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	402.01	87.37	88.00	87928	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	402.26	87.37	88.00	87927	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	402.51	87.37	88.00	87925	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	402.76	87.37	88.00	87924	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	403.01	87.37	88.00	87922	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	403.26	87.37	88.00	87920	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	403.51	87.37	88.00	87919	0.00	0.07	13.8	12.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	403.76	87.37	88.00	87917	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	404.01	87.37	88.00	87916	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	404.26	87.36	88.00	87914	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	404.51	87.36	88.00	87913	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	404.76	87.36	88.00	87911	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	405.01	87.36	88.00	87910	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	405.26	87.36	88.00	87908	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	405.51	87.36	88.00	87906	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	405.76	87.36	88.00	87905	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	406.01	87.36	88.00	87903	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	406.26	87.36	88.00	87902	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	406.51	87.36	88.00	87900	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	406.76	87.36	88.00	87899	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	407.01	87.36	88.00	87897	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	407.26	87.36	88.00	87896	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	407.51	87.36	88.00	87894	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	407.76	87.35	88.00	87892	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	408.01	87.35	88.00	87891	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	408.26	87.35	88.00	87889	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	408.51	87.35	88.00	87888	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	408.76	87.35	88.00	87886	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	409.01	87.35	88.00	87885	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	409.26	87.35	88.00	87883	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	409.51	87.35	88.00	87882	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	409.76	87.35	88.00	87880	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	410.01	87.35	88.00	87879	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	410.26	87.35	88.00	87877	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	414.26	87.34	88.00	87853	0.00	0.07	13.8	12.4
fdot100y10d	P400	BASE	418.26	87.33	88.00	87829	0.00	0.07	13.8	12.5
fdot100y10d	P400	BASE	422.26	87.31	88.00	87805	0.00	0.07	13.8	12.5
fdot100y10d	P400	BASE	426.26	87.30	88.00	87781	0.00	0.07	13.8	12.5
fdot100y10d	P400	BASE	430.26	87.29	88.00	87758	0.00	0.06	13.8	12.5
fdot100y10d	P400	BASE	434.26	87.28	88.00	87735	0.00	0.06	13.8	12.5
fdot100y10d	P400	BASE	438.26	87.27	88.00	87712	0.00	0.06	13.8	12.6
fdot100y10d	P400	BASE	442.26	87.26	88.00	87690	0.00	0.06	13.8	12.6
fdot100y10d	P400	BASE	446.26	87.25	88.00	87668	0.00	0.06	13.8	12.6
fdot100y10d	P400	BASE	450.26	87.24	88.00	87646	0.00	0.06	13.8	12.6
fdot100y10d	P400	BASE	454.26	87.23	88.00	87624	0.00	0.06	13.8	12.6
fdot100y10d	P400	BASE	458.26	87.22	88.00	87603	0.00	0.06	13.8	12.7
fdot100y10d	P400	BASE	462.26	87.21	88.00	87581	0.00	0.06	13.8	12.7
fdot100y10d	P400	BASE	466.26	87.20	88.00	87560	0.00	0.06	13.8	12.7
fdot100y10d	P400	BASE	470.26	87.19	88.00	87540	0.00	0.06	13.8	12.7
fdot100y10d	P400	BASE	474.26	87.18	88.00	87519	0.00	0.06	13.8	12.7
fdot100y10d	P400	BASE	478.26	87.17	88.00	87499	0.00	0.06	13.8	12.8
fdot100y10d	P400	BASE	482.26	87.16	88.00	87479	0.00	0.06	13.8	12.8
fdot100y10d	P400	BASE	486.26	87.16	88.00	87459	0.00	0.06	13.8	12.8
fdot100y10d	P400	BASE	490.26	87.15	88.00	87439	0.00	0.05	13.8	12.8
fdot100y10d	P400	BASE	494.26	87.14	88.00	87420	0.00	0.05	13.8	12.8

Pond 400
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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	498.26	87.13	88.00	87400	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	502.26	87.12	88.00	87381	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	506.26	87.11	88.00	87362	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	510.26	87.10	88.00	87344	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	514.26	87.09	88.00	87325	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	518.26	87.09	88.00	87307	0.00	0.05	13.8	12.9
fdot100y10d	P400	BASE	522.26	87.08	88.00	87288	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	526.26	87.07	88.00	87270	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	530.26	87.06	88.00	87252	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	534.26	87.05	88.00	87235	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	538.26	87.04	88.00	87217	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	542.26	87.04	88.00	87200	0.00	0.05	13.8	13.0
fdot100y10d	P400	BASE	546.26	87.03	88.00	87183	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	550.26	87.02	88.00	87165	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	554.26	87.01	88.00	87148	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	558.26	87.01	88.00	87132	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	562.26	87.00	88.00	87115	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	566.26	86.99	88.00	87099	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	570.26	86.98	88.00	87082	0.00	0.05	13.8	13.1
fdot100y10d	P400	BASE	574.26	86.98	88.00	87066	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	578.26	86.97	88.00	87050	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	582.26	86.96	88.00	87034	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	586.26	86.95	88.00	87018	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	590.26	86.95	88.00	87002	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	594.26	86.94	88.00	86987	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	598.26	86.93	88.00	86971	0.00	0.04	13.8	13.2
fdot100y10d	P400	BASE	602.26	86.92	88.00	86956	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	606.26	86.92	88.00	86941	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	610.26	86.91	88.00	86925	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	614.26	86.90	88.00	86910	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	618.26	86.90	88.00	86896	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	622.26	86.89	88.00	86881	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	626.26	86.88	88.00	86866	0.00	0.04	13.8	13.3
fdot100y10d	P400	BASE	630.26	86.88	88.00	86852	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	634.26	86.87	88.00	86837	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	638.26	86.86	88.00	86823	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	642.26	86.86	88.00	86808	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	646.26	86.85	88.00	86794	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	650.26	86.84	88.00	86780	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	654.26	86.84	88.00	86766	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	658.26	86.83	88.00	86752	0.00	0.04	13.8	13.4
fdot100y10d	P400	BASE	662.26	86.82	88.00	86739	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	666.26	86.82	88.00	86725	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	670.26	86.81	88.00	86711	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	674.26	86.81	88.00	86698	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	678.26	86.80	88.00	86685	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	682.26	86.79	88.00	86671	0.00	0.04	13.8	13.5
fdot100y10d	P400	BASE	686.26	86.79	88.00	86658	0.00	0.04	13.8	13.5

Pond 400
Post-development
U.S. 301 PD&E

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P400	BASE	690.26	86.78	88.00	86645	0.00	0.04	13.8	13.5	
fdot100y10d	P400	BASE	694.26	86.78	88.00	86632	0.00	0.04	13.8	13.6	
fdot100y10d	P400	BASE	698.26	86.77	88.00	86619	0.00	0.04	13.8	13.6	
fdot100y10d	P400	BASE	702.26	86.76	88.00	86606	0.00	0.04	13.8	13.6	
fdot100y10d	P400	BASE	706.26	86.76	88.00	86593	0.00	0.04	13.8	13.6	
fdot100y10d	P400	BASE	710.26	86.75	88.00	86580	0.00	0.04	13.8	13.6	
fdot100y10d	P400	BASE	714.26	86.75	88.00	86568	0.00	0.03	13.8	13.6	
fdot100y10d	P400	BASE	718.26	86.74	88.00	86555	0.00	0.03	13.8	13.6	
fdot100y10d	P400	BASE	722.26	86.73	88.00	86543	0.00	0.03	13.8	13.6	
fdot100y10d	P400	BASE	726.26	86.73	88.00	86530	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	730.26	86.72	88.00	86518	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	734.26	86.72	88.00	86506	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	738.26	86.71	88.00	86493	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	742.26	86.71	88.00	86481	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	746.26	86.70	88.00	86469	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	750.26	86.70	88.00	86457	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	754.26	86.69	88.00	86445	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	758.26	86.68	88.00	86433	0.00	0.03	13.8	13.7	
fdot100y10d	P400	BASE	762.26	86.68	88.00	86421	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	766.26	86.67	88.00	86410	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	770.26	86.67	88.00	86398	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	774.26	86.66	88.00	86386	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	778.26	86.66	88.00	86375	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	782.26	86.65	88.00	86363	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	786.26	86.65	88.00	86352	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	790.26	86.64	88.00	86341	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	794.26	86.64	88.00	86329	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	798.26	86.63	88.00	86318	0.00	0.03	13.8	13.8	
fdot100y10d	P400	BASE	802.26	86.63	88.00	86307	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	806.26	86.62	88.00	86296	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	810.26	86.62	88.00	86285	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	814.26	86.61	88.00	86274	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	818.26	86.61	88.00	86263	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	822.26	86.60	88.00	86252	0.00	0.03	13.8	13.9	
fdot100y10d	P400	BASE	826.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	FULL VOLUME
fdot100y10d	P400	BASE	830.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	834.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	RECOVERY
fdot100y10d	P400	BASE	838.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	24.3 DAYS AFTER
fdot100y10d	P400	BASE	842.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	846.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	850.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	10 DAY EVENT
fdot100y10d	P400	BASE	854.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	858.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	862.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	866.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	870.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	874.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	
fdot100y10d	P400	BASE	878.26	86.60	88.00	86249	0.00	0.00	13.8	13.9	

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P400	BASE	882.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	886.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	890.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	894.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	898.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	902.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	906.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	910.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	914.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	918.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	922.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	926.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	930.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	934.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	938.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	942.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	946.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	950.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	954.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	958.26	86.60	88.00	86249	0.00	0.00	13.8	13.9
fdot100y10d	P400	BASE	960.00	86.60	88.00	86249	0.00	0.00	13.8	13.9

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==== Basins ====
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Name: B500 Node: P500 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 27.050 Time Shift(hrs): 0.00
Curve Number: 70.57 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

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==== Nodes ====
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Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 93.000
Group: BASE Warn Stage(ft): 98.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	93.000
960.00	93.000

Name: P500 Base Flow(cfs): 0.000 Init Stage(ft): 101.800
Group: BASE Warn Stage(ft): 105.000
Type: Stage/Area

Stage(ft)	Area(ac)
101.800	3.6200
104.000	3.9500

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 93.000
Group: BASE Warn Stage(ft): 105.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	93.000
960.00	93.000

==========
==== Weirs ====
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Name: OUT500 From Node: P500
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 104.000
Control Elevation(ft): 104.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

==== Percolation Links ====

Name: Infiltration From Node: P500 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 91.000 Perimeter 1(ft): 1588.000
Water Table Elev(ft): 93.000 Perimeter 2(ft): 2217.000
**********0.000 Perimeter 3(ft): 7872.000
Horiz Conductivity(ft/day): 29.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.500 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 8.800

==== Hydrology Simulations ====

Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

==== Routing Simulations ====

Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
200.000	90.000
450.000	15.000
960.000	240.000

Group	Run
BASE	Yes

US 301 PD&E Basin 500
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	0.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	1.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	3.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	4.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	6.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	7.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	9.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	10.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	12.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	13.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	15.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	16.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	18.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	19.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	21.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	22.50	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	24.00	101.80	105.00	157687	0.00	0.00	0.0	0.0
fdot100y10d	P500	BASE	25.50	101.80	105.00	157687	0.06	0.06	0.0	0.0
fdot100y10d	P500	BASE	27.00	101.80	105.00	157687	0.22	0.22	0.0	0.0
fdot100y10d	P500	BASE	28.50	101.80	105.00	157687	0.38	0.38	0.1	0.1
fdot100y10d	P500	BASE	30.00	101.80	105.00	157688	0.52	0.52	0.1	0.1
fdot100y10d	P500	BASE	31.50	101.80	105.00	157688	0.65	0.65	0.2	0.2
fdot100y10d	P500	BASE	33.00	101.80	105.00	157689	2.96	2.96	0.4	0.4
fdot100y10d	P500	BASE	34.50	101.80	105.00	157690	4.42	4.42	0.9	0.9
fdot100y10d	P500	BASE	36.00	101.80	105.00	157691	5.35	5.34	1.5	1.5
fdot100y10d	P500	BASE	37.50	101.80	105.00	157691	6.05	6.05	2.2	2.2
fdot100y10d	P500	BASE	39.00	101.80	105.00	157691	6.61	6.61	3.0	3.0
fdot100y10d	P500	BASE	40.50	101.80	105.00	157690	3.70	3.71	3.6	3.6
fdot100y10d	P500	BASE	42.00	101.80	105.00	157688	1.49	1.49	3.9	3.9
fdot100y10d	P500	BASE	43.50	101.80	105.00	157688	1.51	1.51	4.1	4.1
fdot100y10d	P500	BASE	45.00	101.80	105.00	157688	1.52	1.52	4.3	4.3
fdot100y10d	P500	BASE	46.50	101.80	105.00	157688	1.54	1.54	4.5	4.5
fdot100y10d	P500	BASE	48.00	101.80	105.00	157688	1.55	1.55	4.7	4.7
fdot100y10d	P500	BASE	49.50	101.80	105.00	157688	1.37	1.37	4.9	4.9
fdot100y10d	P500	BASE	51.00	101.80	105.00	157688	1.37	1.37	5.0	5.0
fdot100y10d	P500	BASE	52.50	101.80	105.00	157688	1.38	1.38	5.2	5.2
fdot100y10d	P500	BASE	54.00	101.80	105.00	157688	1.39	1.39	5.4	5.4
fdot100y10d	P500	BASE	55.50	101.80	105.00	157688	1.40	1.40	5.5	5.5
fdot100y10d	P500	BASE	57.00	101.80	105.00	157688	1.36	1.36	5.7	5.7
fdot100y10d	P500	BASE	58.50	101.80	105.00	157688	1.36	1.36	5.9	5.9
fdot100y10d	P500	BASE	60.00	101.80	105.00	157688	1.37	1.37	6.1	6.1
fdot100y10d	P500	BASE	61.50	101.80	105.00	157688	1.37	1.37	6.2	6.2
fdot100y10d	P500	BASE	63.00	101.80	105.00	157688	1.38	1.38	6.4	6.4
fdot100y10d	P500	BASE	64.50	101.80	105.00	157688	1.42	1.42	6.6	6.6
fdot100y10d	P500	BASE	66.00	101.80	105.00	157688	1.45	1.45	6.7	6.7
fdot100y10d	P500	BASE	67.50	101.80	105.00	157688	1.46	1.46	6.9	6.9
fdot100y10d	P500	BASE	69.00	101.80	105.00	157688	1.47	1.47	7.1	7.1
fdot100y10d	P500	BASE	70.50	101.80	105.00	157688	1.47	1.47	7.3	7.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	72.00	101.80	105.00	157688	1.48	1.48	7.5	7.5
fdot100y10d	P500	BASE	73.50	101.80	105.00	157687	0.41	0.41	7.6	7.6
fdot100y10d	P500	BASE	75.00	101.80	105.00	157687	0.38	0.38	7.6	7.6
fdot100y10d	P500	BASE	76.50	101.80	105.00	157687	0.39	0.39	7.7	7.7
fdot100y10d	P500	BASE	78.00	101.80	105.00	157687	0.39	0.39	7.7	7.7
fdot100y10d	P500	BASE	79.50	101.80	105.00	157687	0.39	0.39	7.8	7.8
fdot100y10d	P500	BASE	81.00	101.80	105.00	157687	0.34	0.34	7.8	7.8
fdot100y10d	P500	BASE	82.50	101.80	105.00	157687	0.33	0.33	7.9	7.9
fdot100y10d	P500	BASE	84.00	101.80	105.00	157687	0.33	0.33	7.9	7.9
fdot100y10d	P500	BASE	85.50	101.80	105.00	157687	0.33	0.33	8.0	8.0
fdot100y10d	P500	BASE	87.00	101.80	105.00	157687	0.33	0.33	8.0	8.0
fdot100y10d	P500	BASE	88.50	101.80	105.00	157687	0.37	0.37	8.0	8.0
fdot100y10d	P500	BASE	90.00	101.80	105.00	157687	0.39	0.39	8.1	8.1
fdot100y10d	P500	BASE	91.50	101.80	105.00	157687	0.39	0.39	8.1	8.1
fdot100y10d	P500	BASE	93.00	101.80	105.00	157687	0.39	0.39	8.2	8.2
fdot100y10d	P500	BASE	94.50	101.80	105.00	157687	0.39	0.39	8.2	8.2
fdot100y10d	P500	BASE	96.00	101.80	105.00	157687	0.39	0.39	8.3	8.3
fdot100y10d	P500	BASE	97.50	101.80	105.00	157687	0.39	0.39	8.3	8.3
fdot100y10d	P500	BASE	99.00	101.80	105.00	157687	0.39	0.39	8.4	8.4
fdot100y10d	P500	BASE	100.50	101.80	105.00	157687	0.39	0.39	8.4	8.4
fdot100y10d	P500	BASE	102.00	101.80	105.00	157687	0.39	0.39	8.5	8.5
fdot100y10d	P500	BASE	103.50	101.80	105.00	157687	0.39	0.39	8.5	8.5
fdot100y10d	P500	BASE	105.00	101.80	105.00	157687	0.34	0.34	8.6	8.6
fdot100y10d	P500	BASE	106.50	101.80	105.00	157687	0.34	0.34	8.6	8.6
fdot100y10d	P500	BASE	108.00	101.80	105.00	157687	0.34	0.34	8.6	8.6
fdot100y10d	P500	BASE	109.50	101.80	105.00	157687	0.34	0.34	8.7	8.7
fdot100y10d	P500	BASE	111.00	101.80	105.00	157687	0.34	0.34	8.7	8.7
fdot100y10d	P500	BASE	112.50	101.80	105.00	157687	0.37	0.37	8.8	8.8
fdot100y10d	P500	BASE	114.00	101.80	105.00	157687	0.39	0.39	8.8	8.8
fdot100y10d	P500	BASE	115.50	101.80	105.00	157687	0.39	0.39	8.9	8.9
fdot100y10d	P500	BASE	117.00	101.80	105.00	157687	0.39	0.39	8.9	8.9
fdot100y10d	P500	BASE	118.50	101.80	105.00	157687	0.40	0.40	9.0	9.0
fdot100y10d	P500	BASE	120.00	101.80	105.00	157687	0.40	0.40	9.0	9.0
fdot100y10d	P500	BASE	121.50	101.80	105.00	157687	0.40	0.40	9.1	9.1
fdot100y10d	P500	BASE	123.00	101.80	105.00	157687	0.40	0.40	9.1	9.1
fdot100y10d	P500	BASE	124.50	101.80	105.00	157687	0.40	0.40	9.2	9.2
fdot100y10d	P500	BASE	126.00	101.80	105.00	157687	0.40	0.40	9.2	9.2
fdot100y10d	P500	BASE	127.50	101.80	105.00	157687	0.40	0.40	9.3	9.3
fdot100y10d	P500	BASE	129.00	101.80	105.00	157687	0.35	0.35	9.3	9.3
fdot100y10d	P500	BASE	130.50	101.80	105.00	157687	0.34	0.34	9.4	9.4
fdot100y10d	P500	BASE	132.00	101.80	105.00	157687	0.34	0.34	9.4	9.4
fdot100y10d	P500	BASE	133.50	101.80	105.00	157687	0.34	0.34	9.4	9.4
fdot100y10d	P500	BASE	135.00	101.80	105.00	157687	0.34	0.34	9.5	9.5
fdot100y10d	P500	BASE	136.50	101.80	105.00	157687	0.38	0.38	9.5	9.5
fdot100y10d	P500	BASE	138.00	101.80	105.00	157687	0.40	0.40	9.6	9.6
fdot100y10d	P500	BASE	139.50	101.80	105.00	157687	0.40	0.40	9.6	9.6
fdot100y10d	P500	BASE	141.00	101.80	105.00	157687	0.40	0.40	9.7	9.7
fdot100y10d	P500	BASE	142.50	101.80	105.00	157687	0.40	0.40	9.7	9.7

US 301 PD&E Basin 500
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	144.00	101.80	105.00	157687	0.40	0.40	9.8	9.8
fdot100y10d	P500	BASE	145.50	101.81	105.00	157777	1.13	0.50	9.9	9.8
fdot100y10d	P500	BASE	147.00	101.84	105.00	157921	1.15	0.50	10.0	9.9
fdot100y10d	P500	BASE	148.50	101.86	105.00	158065	1.15	0.50	10.1	9.9
fdot100y10d	P500	BASE	150.00	101.88	105.00	158210	1.15	0.50	10.3	10.0
fdot100y10d	P500	BASE	151.50	101.90	105.00	158355	1.15	0.50	10.4	10.1
fdot100y10d	P500	BASE	153.00	101.92	105.00	158500	1.15	0.50	10.6	10.1
fdot100y10d	P500	BASE	154.50	101.95	105.00	158645	1.16	0.50	10.7	10.2
fdot100y10d	P500	BASE	156.00	101.97	105.00	158790	1.16	0.50	10.9	10.3
fdot100y10d	P500	BASE	157.50	101.99	105.00	158936	1.16	0.50	11.0	10.3
fdot100y10d	P500	BASE	159.00	102.01	105.00	159083	1.16	0.50	11.1	10.4
fdot100y10d	P500	BASE	160.50	102.04	105.00	159230	1.17	0.50	11.3	10.4
fdot100y10d	P500	BASE	162.00	102.06	105.00	159377	1.17	0.50	11.4	10.5
fdot100y10d	P500	BASE	163.50	102.08	105.00	159526	1.17	0.50	11.6	10.6
fdot100y10d	P500	BASE	165.00	102.10	105.00	159675	1.17	0.50	11.7	10.6
fdot100y10d	P500	BASE	166.50	102.13	105.00	159824	1.18	0.50	11.9	10.7
fdot100y10d	P500	BASE	168.00	102.15	105.00	159974	1.18	0.50	12.0	10.8
fdot100y10d	P500	BASE	169.50	102.24	105.00	160559	4.17	0.56	12.4	10.8
fdot100y10d	P500	BASE	171.00	102.36	105.00	161366	4.28	0.60	12.9	10.9
fdot100y10d	P500	BASE	172.50	102.49	105.00	162167	4.30	0.63	13.4	11.0
fdot100y10d	P500	BASE	174.00	102.61	105.00	162963	4.32	0.65	13.9	11.0
fdot100y10d	P500	BASE	175.50	102.73	105.00	163755	4.34	0.67	14.5	11.1
fdot100y10d	P500	BASE	177.00	102.99	105.00	165454	15.03	0.86	15.7	11.2
fdot100y10d	P500	BASE	178.50	103.49	105.00	168724	16.90	1.07	17.7	11.3
fdot100y10d	P500	BASE	180.00	103.99	105.00	172005	17.07	1.22	19.8	11.5
fdot100y10d	P500	BASE	181.50	104.34	105.00	174312	17.21	10.88	21.9	12.2
fdot100y10d	P500	BASE	183.00	104.45	105.00	175022	17.33	15.68	24.0	13.9
fdot100y10d	P500	BASE	184.50	104.45	105.00	174981	9.05	15.23	25.7	15.8
fdot100y10d	P500	BASE	186.00	104.26	105.00	173793	3.30	7.28	26.4	17.2
fdot100y10d	P500	BASE	187.50	104.19	105.00	173300	3.30	4.68	26.8	17.9
fdot100y10d	P500	BASE	189.00	104.16	105.00	173120	3.30	3.84	27.3	18.5
fdot100y10d	P500	BASE	190.50	104.15	105.00	173049	3.31	3.52	27.7	18.9
fdot100y10d	P500	BASE	192.00	104.15	105.00	173021	3.31	3.39	28.1	19.3
fdot100y10d	P500	BASE	193.50	104.13	105.00	172893	2.13	2.84	28.4	19.7
fdot100y10d	P500	BASE	195.00	104.11	105.00	172790	2.10	2.43	28.7	20.1
fdot100y10d	P500	BASE	196.50	104.10	105.00	172743	2.10	2.26	28.9	20.4
fdot100y10d	P500	BASE	198.00	104.10	105.00	172721	2.10	2.17	29.2	20.6
fdot100y10d	P500	BASE	199.50	104.10	105.00	172712	2.11	2.13	29.5	20.9
fdot100y10d	P500	BASE	201.00	104.10	105.00	172708	2.10	2.11	29.7	21.2
fdot100y10d	P500	BASE	201.25	104.10	105.00	172708	2.10	2.11	29.8	21.2
fdot100y10d	P500	BASE	201.50	104.10	105.00	172707	2.10	2.11	29.8	21.2
fdot100y10d	P500	BASE	201.75	104.10	105.00	172707	2.10	2.11	29.8	21.3
fdot100y10d	P500	BASE	202.00	104.10	105.00	172707	2.10	2.11	29.9	21.3
fdot100y10d	P500	BASE	202.25	104.10	105.00	172707	2.10	2.10	29.9	21.4
fdot100y10d	P500	BASE	202.50	104.10	105.00	172707	2.10	2.10	30.0	21.4
fdot100y10d	P500	BASE	202.75	104.10	105.00	172707	2.10	2.10	30.0	21.5
fdot100y10d	P500	BASE	203.00	104.10	105.00	172707	2.10	2.10	30.1	21.5
fdot100y10d	P500	BASE	203.25	104.10	105.00	172707	2.10	2.10	30.1	21.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	203.50	104.10	105.00	172707	2.10	2.10	30.1	21.6
fdot100y10d	P500	BASE	203.75	104.10	105.00	172707	2.10	2.10	30.2	21.6
fdot100y10d	P500	BASE	204.00	104.10	105.00	172708	2.10	2.10	30.2	21.7
fdot100y10d	P500	BASE	204.25	104.10	105.00	172708	2.10	2.10	30.3	21.7
fdot100y10d	P500	BASE	204.50	104.10	105.00	172708	2.10	2.10	30.3	21.8
fdot100y10d	P500	BASE	204.75	104.10	105.00	172708	2.10	2.10	30.4	21.8
fdot100y10d	P500	BASE	205.00	104.10	105.00	172708	2.10	2.10	30.4	21.9
fdot100y10d	P500	BASE	205.25	104.10	105.00	172709	2.10	2.10	30.5	21.9
fdot100y10d	P500	BASE	205.50	104.10	105.00	172709	2.10	2.10	30.5	21.9
fdot100y10d	P500	BASE	205.75	104.10	105.00	172709	2.10	2.10	30.5	22.0
fdot100y10d	P500	BASE	206.00	104.10	105.00	172709	2.10	2.10	30.6	22.0
fdot100y10d	P500	BASE	206.25	104.10	105.00	172710	2.10	2.10	30.6	22.1
fdot100y10d	P500	BASE	206.50	104.10	105.00	172710	2.10	2.10	30.7	22.1
fdot100y10d	P500	BASE	206.75	104.10	105.00	172710	2.10	2.10	30.7	22.2
fdot100y10d	P500	BASE	207.00	104.10	105.00	172711	2.10	2.10	30.8	22.2
fdot100y10d	P500	BASE	207.25	104.10	105.00	172711	2.10	2.10	30.8	22.2
fdot100y10d	P500	BASE	207.50	104.10	105.00	172711	2.11	2.10	30.8	22.3
fdot100y10d	P500	BASE	207.75	104.10	105.00	172712	2.11	2.10	30.9	22.3
fdot100y10d	P500	BASE	208.00	104.10	105.00	172712	2.11	2.10	30.9	22.4
fdot100y10d	P500	BASE	208.25	104.10	105.00	172712	2.12	2.10	31.0	22.4
fdot100y10d	P500	BASE	208.50	104.10	105.00	172714	2.15	2.10	31.0	22.5
fdot100y10d	P500	BASE	208.75	104.10	105.00	172715	2.16	2.11	31.1	22.5
fdot100y10d	P500	BASE	209.00	104.10	105.00	172717	2.17	2.11	31.1	22.5
fdot100y10d	P500	BASE	209.25	104.10	105.00	172719	2.17	2.12	31.2	22.6
fdot100y10d	P500	BASE	209.50	104.10	105.00	172721	2.17	2.12	31.2	22.6
fdot100y10d	P500	BASE	209.75	104.10	105.00	172723	2.18	2.13	31.2	22.7
fdot100y10d	P500	BASE	210.00	104.10	105.00	172724	2.18	2.13	31.3	22.7
fdot100y10d	P500	BASE	210.25	104.10	105.00	172726	2.18	2.14	31.3	22.8
fdot100y10d	P500	BASE	210.50	104.10	105.00	172727	2.18	2.14	31.4	22.8
fdot100y10d	P500	BASE	210.75	104.10	105.00	172728	2.18	2.14	31.4	22.9
fdot100y10d	P500	BASE	211.00	104.10	105.00	172729	2.18	2.15	31.5	22.9
fdot100y10d	P500	BASE	211.25	104.10	105.00	172730	2.18	2.15	31.5	22.9
fdot100y10d	P500	BASE	211.50	104.10	105.00	172731	2.18	2.15	31.6	23.0
fdot100y10d	P500	BASE	211.75	104.10	105.00	172732	2.18	2.15	31.6	23.0
fdot100y10d	P500	BASE	212.00	104.10	105.00	172733	2.18	2.16	31.6	23.1
fdot100y10d	P500	BASE	212.25	104.10	105.00	172734	2.18	2.16	31.7	23.1
fdot100y10d	P500	BASE	212.50	104.10	105.00	172734	2.18	2.16	31.7	23.2
fdot100y10d	P500	BASE	212.75	104.10	105.00	172735	2.18	2.16	31.8	23.2
fdot100y10d	P500	BASE	213.00	104.10	105.00	172736	2.18	2.16	31.8	23.3
fdot100y10d	P500	BASE	213.25	104.10	105.00	172736	2.18	2.16	31.9	23.3
fdot100y10d	P500	BASE	213.50	104.10	105.00	172737	2.18	2.16	31.9	23.3
fdot100y10d	P500	BASE	213.75	104.10	105.00	172737	2.18	2.16	32.0	23.4
fdot100y10d	P500	BASE	214.00	104.10	105.00	172738	2.18	2.17	32.0	23.4
fdot100y10d	P500	BASE	214.25	104.10	105.00	172738	2.18	2.17	32.1	23.5
fdot100y10d	P500	BASE	214.50	104.10	105.00	172739	2.18	2.17	32.1	23.5
fdot100y10d	P500	BASE	214.75	104.10	105.00	172739	2.18	2.17	32.1	23.6
fdot100y10d	P500	BASE	215.00	104.10	105.00	172740	2.18	2.17	32.2	23.6
fdot100y10d	P500	BASE	215.25	104.10	105.00	172740	2.18	2.17	32.2	23.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	215.50	104.10	105.00	172740	2.18	2.17	32.3	23.7
fdot100y10d	P500	BASE	215.75	104.10	105.00	172741	2.18	2.17	32.3	23.7
fdot100y10d	P500	BASE	216.00	104.10	105.00	172741	2.18	2.17	32.4	23.8
fdot100y10d	P500	BASE	216.25	104.10	105.00	172737	1.79	2.15	32.4	23.8
fdot100y10d	P500	BASE	216.50	104.10	105.00	172718	1.37	2.08	32.4	23.9
fdot100y10d	P500	BASE	216.75	104.10	105.00	172691	1.15	1.98	32.5	23.9
fdot100y10d	P500	BASE	217.00	104.09	105.00	172662	1.02	1.88	32.5	24.0
fdot100y10d	P500	BASE	217.25	104.09	105.00	172633	0.93	1.78	32.5	24.0
fdot100y10d	P500	BASE	217.50	104.08	105.00	172604	0.87	1.69	32.5	24.0
fdot100y10d	P500	BASE	217.75	104.08	105.00	172578	0.84	1.60	32.5	24.1
fdot100y10d	P500	BASE	218.00	104.08	105.00	172553	0.83	1.52	32.6	24.1
fdot100y10d	P500	BASE	218.25	104.07	105.00	172531	0.83	1.45	32.6	24.1
fdot100y10d	P500	BASE	218.50	104.07	105.00	172511	0.83	1.39	32.6	24.2
fdot100y10d	P500	BASE	218.75	104.07	105.00	172492	0.83	1.34	32.6	24.2
fdot100y10d	P500	BASE	219.00	104.06	105.00	172476	0.83	1.29	32.6	24.2
fdot100y10d	P500	BASE	219.25	104.06	105.00	172461	0.83	1.25	32.6	24.2
fdot100y10d	P500	BASE	219.50	104.06	105.00	172447	0.83	1.21	32.7	24.3
fdot100y10d	P500	BASE	219.75	104.06	105.00	172435	0.83	1.18	32.7	24.3
fdot100y10d	P500	BASE	220.00	104.06	105.00	172424	0.83	1.15	32.7	24.3
fdot100y10d	P500	BASE	220.25	104.05	105.00	172413	0.83	1.12	32.7	24.3
fdot100y10d	P500	BASE	220.50	104.05	105.00	172404	0.83	1.10	32.7	24.4
fdot100y10d	P500	BASE	220.75	104.05	105.00	172395	0.83	1.08	32.8	24.4
fdot100y10d	P500	BASE	221.00	104.05	105.00	172387	0.83	1.06	32.8	24.4
fdot100y10d	P500	BASE	221.25	104.05	105.00	172380	0.83	1.04	32.8	24.4
fdot100y10d	P500	BASE	221.50	104.05	105.00	172373	0.83	1.02	32.8	24.4
fdot100y10d	P500	BASE	221.75	104.05	105.00	172367	0.83	1.01	32.8	24.5
fdot100y10d	P500	BASE	222.00	104.05	105.00	172361	0.83	0.99	32.8	24.5
fdot100y10d	P500	BASE	222.25	104.05	105.00	172356	0.83	0.98	32.9	24.5
fdot100y10d	P500	BASE	222.50	104.04	105.00	172351	0.83	0.97	32.9	24.5
fdot100y10d	P500	BASE	222.75	104.04	105.00	172347	0.83	0.96	32.9	24.6
fdot100y10d	P500	BASE	223.00	104.04	105.00	172343	0.83	0.95	32.9	24.6
fdot100y10d	P500	BASE	223.25	104.04	105.00	172339	0.83	0.94	32.9	24.6
fdot100y10d	P500	BASE	223.50	104.04	105.00	172336	0.83	0.93	32.9	24.6
fdot100y10d	P500	BASE	223.75	104.04	105.00	172333	0.83	0.92	33.0	24.6
fdot100y10d	P500	BASE	224.00	104.04	105.00	172330	0.83	0.92	33.0	24.6
fdot100y10d	P500	BASE	224.25	104.04	105.00	172327	0.83	0.91	33.0	24.7
fdot100y10d	P500	BASE	224.50	104.04	105.00	172324	0.83	0.90	33.0	24.7
fdot100y10d	P500	BASE	224.75	104.04	105.00	172322	0.83	0.90	33.0	24.7
fdot100y10d	P500	BASE	225.00	104.04	105.00	172320	0.83	0.89	33.0	24.7
fdot100y10d	P500	BASE	225.25	104.04	105.00	172318	0.83	0.89	33.1	24.7
fdot100y10d	P500	BASE	225.50	104.04	105.00	172316	0.83	0.88	33.1	24.8
fdot100y10d	P500	BASE	225.75	104.04	105.00	172314	0.83	0.88	33.1	24.8
fdot100y10d	P500	BASE	226.00	104.04	105.00	172313	0.83	0.88	33.1	24.8
fdot100y10d	P500	BASE	226.25	104.04	105.00	172311	0.83	0.87	33.1	24.8
fdot100y10d	P500	BASE	226.50	104.04	105.00	172310	0.83	0.87	33.1	24.8
fdot100y10d	P500	BASE	226.75	104.04	105.00	172309	0.83	0.87	33.2	24.9
fdot100y10d	P500	BASE	227.00	104.04	105.00	172308	0.83	0.86	33.2	24.9
fdot100y10d	P500	BASE	227.25	104.04	105.00	172307	0.83	0.86	33.2	24.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	227.50	104.04	105.00	172306	0.83	0.86	33.2	24.9
fdot100y10d	P500	BASE	227.75	104.04	105.00	172305	0.83	0.86	33.2	24.9
fdot100y10d	P500	BASE	228.00	104.04	105.00	172304	0.83	0.85	33.3	24.9
fdot100y10d	P500	BASE	228.25	104.04	105.00	172303	0.83	0.85	33.3	25.0
fdot100y10d	P500	BASE	228.50	104.04	105.00	172303	0.83	0.85	33.3	25.0
fdot100y10d	P500	BASE	228.75	104.04	105.00	172302	0.83	0.85	33.3	25.0
fdot100y10d	P500	BASE	229.00	104.04	105.00	172302	0.83	0.85	33.3	25.0
fdot100y10d	P500	BASE	229.25	104.04	105.00	172301	0.83	0.85	33.3	25.0
fdot100y10d	P500	BASE	229.50	104.04	105.00	172301	0.83	0.84	33.4	25.0
fdot100y10d	P500	BASE	229.75	104.04	105.00	172301	0.83	0.84	33.4	25.1
fdot100y10d	P500	BASE	230.00	104.04	105.00	172300	0.83	0.84	33.4	25.1
fdot100y10d	P500	BASE	230.25	104.04	105.00	172300	0.83	0.84	33.4	25.1
fdot100y10d	P500	BASE	230.50	104.04	105.00	172300	0.83	0.84	33.4	25.1
fdot100y10d	P500	BASE	230.75	104.04	105.00	172299	0.83	0.84	33.4	25.1
fdot100y10d	P500	BASE	231.00	104.04	105.00	172299	0.83	0.84	33.5	25.1
fdot100y10d	P500	BASE	231.25	104.04	105.00	172299	0.83	0.84	33.5	25.2
fdot100y10d	P500	BASE	231.50	104.04	105.00	172299	0.83	0.84	33.5	25.2
fdot100y10d	P500	BASE	231.75	104.04	105.00	172299	0.83	0.84	33.5	25.2
fdot100y10d	P500	BASE	232.00	104.04	105.00	172299	0.83	0.83	33.5	25.2
fdot100y10d	P500	BASE	232.25	104.04	105.00	172299	0.85	0.83	33.5	25.2
fdot100y10d	P500	BASE	232.50	104.04	105.00	172300	0.87	0.84	33.6	25.3
fdot100y10d	P500	BASE	232.75	104.04	105.00	172301	0.88	0.84	33.6	25.3
fdot100y10d	P500	BASE	233.00	104.04	105.00	172303	0.89	0.84	33.6	25.3
fdot100y10d	P500	BASE	233.25	104.04	105.00	172305	0.89	0.85	33.6	25.3
fdot100y10d	P500	BASE	233.50	104.04	105.00	172306	0.90	0.85	33.6	25.3
fdot100y10d	P500	BASE	233.75	104.04	105.00	172308	0.90	0.85	33.7	25.3
fdot100y10d	P500	BASE	234.00	104.04	105.00	172310	0.90	0.85	33.7	25.4
fdot100y10d	P500	BASE	234.25	104.04	105.00	172311	0.90	0.86	33.7	25.4
fdot100y10d	P500	BASE	234.50	104.04	105.00	172313	0.90	0.86	33.7	25.4
fdot100y10d	P500	BASE	234.75	104.04	105.00	172314	0.90	0.86	33.7	25.4
fdot100y10d	P500	BASE	235.00	104.04	105.00	172315	0.90	0.86	33.7	25.4
fdot100y10d	P500	BASE	235.25	104.04	105.00	172316	0.90	0.87	33.8	25.4
fdot100y10d	P500	BASE	235.50	104.04	105.00	172317	0.90	0.87	33.8	25.5
fdot100y10d	P500	BASE	235.75	104.04	105.00	172318	0.90	0.87	33.8	25.5
fdot100y10d	P500	BASE	236.00	104.04	105.00	172319	0.90	0.87	33.8	25.5
fdot100y10d	P500	BASE	236.25	104.04	105.00	172320	0.90	0.87	33.8	25.5
fdot100y10d	P500	BASE	236.50	104.04	105.00	172321	0.90	0.87	33.9	25.5
fdot100y10d	P500	BASE	236.75	104.04	105.00	172322	0.90	0.88	33.9	25.6
fdot100y10d	P500	BASE	237.00	104.04	105.00	172323	0.90	0.88	33.9	25.6
fdot100y10d	P500	BASE	237.25	104.04	105.00	172324	0.90	0.88	33.9	25.6
fdot100y10d	P500	BASE	237.50	104.04	105.00	172324	0.90	0.88	33.9	25.6
fdot100y10d	P500	BASE	237.75	104.04	105.00	172325	0.90	0.88	34.0	25.6
fdot100y10d	P500	BASE	238.00	104.04	105.00	172326	0.90	0.88	34.0	25.6
fdot100y10d	P500	BASE	238.25	104.04	105.00	172326	0.90	0.88	34.0	25.7
fdot100y10d	P500	BASE	238.50	104.04	105.00	172327	0.90	0.88	34.0	25.7
fdot100y10d	P500	BASE	238.75	104.04	105.00	172328	0.90	0.88	34.0	25.7
fdot100y10d	P500	BASE	239.00	104.04	105.00	172328	0.90	0.88	34.0	25.7
fdot100y10d	P500	BASE	239.25	104.04	105.00	172329	0.90	0.88	34.1	25.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	239.50	104.04	105.00	172329	0.90	0.89	34.1	25.8
fdot100y10d	P500	BASE	239.75	104.04	105.00	172330	0.90	0.89	34.1	25.8
fdot100y10d	P500	BASE	240.00	104.04	105.00	172330	0.90	0.89	34.1	25.8
fdot100y10d	P500	BASE	240.25	104.04	105.00	172326	0.63	0.88	34.1	25.8
fdot100y10d	P500	BASE	240.50	104.04	105.00	172313	0.36	0.84	34.1	25.8
fdot100y10d	P500	BASE	240.75	104.04	105.00	172295	0.24	0.80	34.2	25.8
fdot100y10d	P500	BASE	241.00	104.03	105.00	172275	0.12	0.76	34.2	25.9
fdot100y10d	P500	BASE	241.25	104.03	105.00	172253	0.07	0.71	34.2	25.9
fdot100y10d	P500	BASE	241.50	104.03	105.00	172231	0.02	0.67	34.2	25.9
fdot100y10d	P500	BASE	241.75	104.02	105.00	172210	0.01	0.63	34.2	25.9
fdot100y10d	P500	BASE	242.00	104.02	105.00	172189	0.00	0.60	34.2	25.9
fdot100y10d	P500	BASE	242.25	104.02	105.00	172169	0.00	0.57	34.2	25.9
fdot100y10d	P500	BASE	242.50	104.01	105.00	172150	0.00	0.54	34.2	25.9
fdot100y10d	P500	BASE	242.75	104.01	105.00	172132	0.00	0.52	34.2	25.9
fdot100y10d	P500	BASE	243.00	104.01	105.00	172115	0.00	0.50	34.2	26.0
fdot100y10d	P500	BASE	243.25	104.01	105.00	172098	0.00	0.48	34.2	26.0
fdot100y10d	P500	BASE	243.50	104.00	105.00	172082	0.00	0.47	34.2	26.0
fdot100y10d	P500	BASE	243.75	104.00	105.00	172066	0.00	0.46	34.2	26.0
fdot100y10d	P500	BASE	244.00	104.00	105.00	172051	0.00	0.46	34.2	26.0
fdot100y10d	P500	BASE	244.25	104.00	105.00	172035	0.00	0.46	34.2	26.0
fdot100y10d	P500	BASE	244.50	103.99	105.00	172019	0.00	0.46	34.2	26.0
fdot100y10d	P500	BASE	244.75	103.99	105.00	172004	0.00	0.45	34.2	26.0
fdot100y10d	P500	BASE	245.00	103.99	105.00	171988	0.00	0.45	34.2	26.0
fdot100y10d	P500	BASE	245.25	103.99	105.00	171973	0.00	0.45	34.2	26.0
fdot100y10d	P500	BASE	245.50	103.98	105.00	171957	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	245.75	103.98	105.00	171942	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	246.00	103.98	105.00	171927	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	246.25	103.98	105.00	171911	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	246.50	103.97	105.00	171896	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	246.75	103.97	105.00	171881	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	247.00	103.97	105.00	171865	0.00	0.45	34.2	26.1
fdot100y10d	P500	BASE	247.25	103.97	105.00	171850	0.00	0.44	34.2	26.1
fdot100y10d	P500	BASE	247.50	103.97	105.00	171835	0.00	0.44	34.2	26.1
fdot100y10d	P500	BASE	247.75	103.96	105.00	171820	0.00	0.44	34.2	26.1
fdot100y10d	P500	BASE	248.00	103.96	105.00	171805	0.00	0.44	34.2	26.1
fdot100y10d	P500	BASE	248.25	103.96	105.00	171790	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	248.50	103.96	105.00	171774	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	248.75	103.95	105.00	171759	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	249.00	103.95	105.00	171744	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	249.25	103.95	105.00	171729	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	249.50	103.95	105.00	171714	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	249.75	103.94	105.00	171700	0.00	0.44	34.2	26.2
fdot100y10d	P500	BASE	250.00	103.94	105.00	171685	0.00	0.43	34.2	26.2
fdot100y10d	P500	BASE	250.25	103.94	105.00	171670	0.00	0.43	34.2	26.2
fdot100y10d	P500	BASE	250.50	103.94	105.00	171655	0.00	0.43	34.2	26.2
fdot100y10d	P500	BASE	250.75	103.94	105.00	171640	0.00	0.43	34.2	26.2
fdot100y10d	P500	BASE	251.00	103.93	105.00	171625	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	251.25	103.93	105.00	171611	0.00	0.43	34.2	26.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	251.50	103.93	105.00	171596	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	251.75	103.93	105.00	171581	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	252.00	103.92	105.00	171566	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	252.25	103.92	105.00	171552	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	252.50	103.92	105.00	171537	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	252.75	103.92	105.00	171523	0.00	0.43	34.2	26.3
fdot100y10d	P500	BASE	253.00	103.92	105.00	171508	0.00	0.42	34.2	26.3
fdot100y10d	P500	BASE	253.25	103.91	105.00	171493	0.00	0.42	34.2	26.3
fdot100y10d	P500	BASE	253.50	103.91	105.00	171479	0.00	0.42	34.2	26.3
fdot100y10d	P500	BASE	253.75	103.91	105.00	171464	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	254.00	103.91	105.00	171450	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	254.25	103.90	105.00	171435	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	254.50	103.90	105.00	171421	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	254.75	103.90	105.00	171407	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	255.00	103.90	105.00	171392	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	255.25	103.90	105.00	171378	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	255.50	103.89	105.00	171364	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	255.75	103.89	105.00	171349	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	256.00	103.89	105.00	171335	0.00	0.42	34.2	26.4
fdot100y10d	P500	BASE	256.25	103.89	105.00	171321	0.00	0.41	34.2	26.4
fdot100y10d	P500	BASE	256.50	103.88	105.00	171307	0.00	0.41	34.2	26.4
fdot100y10d	P500	BASE	256.75	103.88	105.00	171292	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	257.00	103.88	105.00	171278	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	257.25	103.88	105.00	171264	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	257.50	103.88	105.00	171250	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	257.75	103.87	105.00	171236	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	258.00	103.87	105.00	171222	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	258.25	103.87	105.00	171208	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	258.50	103.87	105.00	171194	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	258.75	103.86	105.00	171180	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	259.00	103.86	105.00	171166	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	259.25	103.86	105.00	171152	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	259.50	103.86	105.00	171138	0.00	0.41	34.2	26.5
fdot100y10d	P500	BASE	259.75	103.86	105.00	171124	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	260.00	103.85	105.00	171110	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	260.25	103.85	105.00	171096	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	260.50	103.85	105.00	171082	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	260.75	103.85	105.00	171068	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	261.00	103.85	105.00	171054	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	261.25	103.84	105.00	171041	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	261.50	103.84	105.00	171027	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	261.75	103.84	105.00	171013	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	262.00	103.84	105.00	170999	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	262.25	103.84	105.00	170986	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	262.50	103.83	105.00	170972	0.00	0.40	34.2	26.6
fdot100y10d	P500	BASE	262.75	103.83	105.00	170958	0.00	0.40	34.2	26.7
fdot100y10d	P500	BASE	263.00	103.83	105.00	170945	0.00	0.40	34.2	26.7
fdot100y10d	P500	BASE	263.25	103.83	105.00	170931	0.00	0.40	34.2	26.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	263.50	103.82	105.00	170918	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	263.75	103.82	105.00	170904	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	264.00	103.82	105.00	170890	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	264.25	103.82	105.00	170877	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	264.50	103.82	105.00	170863	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	264.75	103.81	105.00	170850	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	265.00	103.81	105.00	170836	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	265.25	103.81	105.00	170823	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	265.50	103.81	105.00	170810	0.00	0.39	34.2	26.7
fdot100y10d	P500	BASE	265.75	103.81	105.00	170796	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	266.00	103.80	105.00	170783	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	266.25	103.80	105.00	170769	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	266.50	103.80	105.00	170756	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	266.75	103.80	105.00	170743	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	267.00	103.80	105.00	170729	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	267.25	103.79	105.00	170716	0.00	0.39	34.2	26.8
fdot100y10d	P500	BASE	267.50	103.79	105.00	170703	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	267.75	103.79	105.00	170690	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	268.00	103.79	105.00	170676	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	268.25	103.79	105.00	170663	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	268.50	103.78	105.00	170650	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	268.75	103.78	105.00	170637	0.00	0.38	34.2	26.8
fdot100y10d	P500	BASE	269.00	103.78	105.00	170624	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	269.25	103.78	105.00	170611	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	269.50	103.78	105.00	170598	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	269.75	103.77	105.00	170584	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	270.00	103.77	105.00	170571	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	270.25	103.77	105.00	170558	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	270.50	103.77	105.00	170545	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	270.75	103.77	105.00	170532	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	271.00	103.76	105.00	170519	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	271.25	103.76	105.00	170506	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	271.50	103.76	105.00	170493	0.00	0.38	34.2	26.9
fdot100y10d	P500	BASE	271.75	103.76	105.00	170481	0.00	0.37	34.2	26.9
fdot100y10d	P500	BASE	272.00	103.76	105.00	170468	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	272.25	103.75	105.00	170455	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	272.50	103.75	105.00	170442	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	272.75	103.75	105.00	170429	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	273.00	103.75	105.00	170416	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	273.25	103.75	105.00	170403	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	273.50	103.74	105.00	170391	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	273.75	103.74	105.00	170378	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	274.00	103.74	105.00	170365	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	274.25	103.74	105.00	170352	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	274.50	103.74	105.00	170340	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	274.75	103.73	105.00	170327	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	275.00	103.73	105.00	170314	0.00	0.37	34.2	27.0
fdot100y10d	P500	BASE	275.25	103.73	105.00	170302	0.00	0.37	34.2	27.1

US 301 PD&E Basin 500
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	275.50	103.73	105.00	170289	0.00	0.37	34.2	27.1
fdot100y10d	P500	BASE	275.75	103.73	105.00	170276	0.00	0.37	34.2	27.1
fdot100y10d	P500	BASE	276.00	103.72	105.00	170264	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	276.25	103.72	105.00	170251	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	276.50	103.72	105.00	170238	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	276.75	103.72	105.00	170226	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	277.00	103.72	105.00	170213	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	277.25	103.72	105.00	170201	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	277.50	103.71	105.00	170188	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	277.75	103.71	105.00	170176	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	278.00	103.71	105.00	170163	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	278.25	103.71	105.00	170151	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	278.50	103.71	105.00	170139	0.00	0.36	34.2	27.1
fdot100y10d	P500	BASE	278.75	103.70	105.00	170126	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	279.00	103.70	105.00	170114	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	279.25	103.70	105.00	170101	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	279.50	103.70	105.00	170089	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	279.75	103.70	105.00	170077	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	280.00	103.69	105.00	170064	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	280.25	103.69	105.00	170052	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	280.50	103.69	105.00	170040	0.00	0.36	34.2	27.2
fdot100y10d	P500	BASE	280.75	103.69	105.00	170027	0.00	0.35	34.2	27.2
fdot100y10d	P500	BASE	281.00	103.69	105.00	170015	0.00	0.35	34.2	27.2
fdot100y10d	P500	BASE	281.25	103.68	105.00	170003	0.00	0.35	34.2	27.2
fdot100y10d	P500	BASE	281.50	103.68	105.00	169991	0.00	0.35	34.2	27.2
fdot100y10d	P500	BASE	281.75	103.68	105.00	169978	0.00	0.35	34.2	27.2
fdot100y10d	P500	BASE	282.00	103.68	105.00	169966	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	282.25	103.68	105.00	169954	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	282.50	103.68	105.00	169942	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	282.75	103.67	105.00	169930	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	283.00	103.67	105.00	169918	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	283.25	103.67	105.00	169906	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	283.50	103.67	105.00	169893	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	283.75	103.67	105.00	169881	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	284.00	103.66	105.00	169869	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	284.25	103.66	105.00	169857	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	284.50	103.66	105.00	169845	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	284.75	103.66	105.00	169833	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	285.00	103.66	105.00	169821	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	285.25	103.66	105.00	169809	0.00	0.35	34.2	27.3
fdot100y10d	P500	BASE	285.50	103.65	105.00	169797	0.00	0.35	34.2	27.4
fdot100y10d	P500	BASE	285.75	103.65	105.00	169785	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	286.00	103.65	105.00	169773	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	286.25	103.65	105.00	169762	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	286.50	103.65	105.00	169750	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	286.75	103.64	105.00	169738	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	287.00	103.64	105.00	169726	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	287.25	103.64	105.00	169714	0.00	0.34	34.2	27.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	287.50	103.64	105.00	169702	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	287.75	103.64	105.00	169690	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	288.00	103.64	105.00	169679	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	288.25	103.63	105.00	169667	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	288.50	103.63	105.00	169655	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	288.75	103.63	105.00	169643	0.00	0.34	34.2	27.4
fdot100y10d	P500	BASE	289.00	103.63	105.00	169632	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	289.25	103.63	105.00	169620	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	289.50	103.62	105.00	169608	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	289.75	103.62	105.00	169596	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	290.00	103.62	105.00	169585	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	290.25	103.62	105.00	169573	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	290.50	103.62	105.00	169561	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	290.75	103.62	105.00	169550	0.00	0.34	34.2	27.5
fdot100y10d	P500	BASE	291.00	103.61	105.00	169538	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	291.25	103.61	105.00	169527	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	291.50	103.61	105.00	169515	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	291.75	103.61	105.00	169503	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	292.00	103.61	105.00	169492	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	292.25	103.60	105.00	169480	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	292.50	103.60	105.00	169469	0.00	0.33	34.2	27.5
fdot100y10d	P500	BASE	292.75	103.60	105.00	169457	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	293.00	103.60	105.00	169446	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	293.25	103.60	105.00	169434	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	293.50	103.60	105.00	169423	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	293.75	103.59	105.00	169412	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	294.00	103.59	105.00	169400	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	294.25	103.59	105.00	169389	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	294.50	103.59	105.00	169377	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	294.75	103.59	105.00	169366	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	295.00	103.59	105.00	169355	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	295.25	103.58	105.00	169343	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	295.50	103.58	105.00	169332	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	295.75	103.58	105.00	169320	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	296.00	103.58	105.00	169309	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	296.25	103.58	105.00	169298	0.00	0.33	34.2	27.6
fdot100y10d	P500	BASE	296.50	103.58	105.00	169287	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	296.75	103.57	105.00	169275	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	297.00	103.57	105.00	169264	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	297.25	103.57	105.00	169253	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	297.50	103.57	105.00	169242	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	297.75	103.57	105.00	169230	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	298.00	103.56	105.00	169219	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	298.25	103.56	105.00	169208	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	298.50	103.56	105.00	169197	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	298.75	103.56	105.00	169186	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	299.00	103.56	105.00	169175	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	299.25	103.56	105.00	169163	0.00	0.32	34.2	27.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	299.50	103.55	105.00	169152	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	299.75	103.55	105.00	169141	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	300.00	103.55	105.00	169130	0.00	0.32	34.2	27.7
fdot100y10d	P500	BASE	300.25	103.55	105.00	169119	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	300.50	103.55	105.00	169108	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	300.75	103.55	105.00	169097	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	301.00	103.54	105.00	169086	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	301.25	103.54	105.00	169075	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	301.50	103.54	105.00	169064	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	301.75	103.54	105.00	169053	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	302.00	103.54	105.00	169042	0.00	0.32	34.2	27.8
fdot100y10d	P500	BASE	302.25	103.54	105.00	169031	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	302.50	103.53	105.00	169020	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	302.75	103.53	105.00	169009	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	303.00	103.53	105.00	168998	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	303.25	103.53	105.00	168987	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	303.50	103.53	105.00	168976	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	303.75	103.53	105.00	168965	0.00	0.31	34.2	27.8
fdot100y10d	P500	BASE	304.00	103.52	105.00	168955	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	304.25	103.52	105.00	168944	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	304.50	103.52	105.00	168933	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	304.75	103.52	105.00	168922	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	305.00	103.52	105.00	168911	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	305.25	103.52	105.00	168900	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	305.50	103.51	105.00	168890	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	305.75	103.51	105.00	168879	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	306.00	103.51	105.00	168868	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	306.25	103.51	105.00	168857	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	306.50	103.51	105.00	168847	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	306.75	103.51	105.00	168836	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	307.00	103.50	105.00	168825	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	307.25	103.50	105.00	168815	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	307.50	103.50	105.00	168804	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	307.75	103.50	105.00	168793	0.00	0.31	34.2	27.9
fdot100y10d	P500	BASE	308.00	103.50	105.00	168783	0.00	0.31	34.2	28.0
fdot100y10d	P500	BASE	308.25	103.50	105.00	168772	0.00	0.31	34.2	28.0
fdot100y10d	P500	BASE	308.50	103.49	105.00	168761	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	308.75	103.49	105.00	168751	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	309.00	103.49	105.00	168740	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	309.25	103.49	105.00	168730	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	309.50	103.49	105.00	168719	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	309.75	103.49	105.00	168708	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	310.00	103.49	105.00	168698	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	310.25	103.48	105.00	168687	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	310.50	103.48	105.00	168677	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	310.75	103.48	105.00	168666	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	311.00	103.48	105.00	168656	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	311.25	103.48	105.00	168645	0.00	0.30	34.2	28.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	311.50	103.48	105.00	168635	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	311.75	103.47	105.00	168624	0.00	0.30	34.2	28.0
fdot100y10d	P500	BASE	312.00	103.47	105.00	168614	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	312.25	103.47	105.00	168603	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	312.50	103.47	105.00	168593	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	312.75	103.47	105.00	168583	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	313.00	103.47	105.00	168572	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	313.25	103.46	105.00	168562	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	313.50	103.46	105.00	168551	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	313.75	103.46	105.00	168541	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	314.00	103.46	105.00	168531	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	314.25	103.46	105.00	168520	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	314.50	103.46	105.00	168510	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	314.75	103.45	105.00	168500	0.00	0.30	34.2	28.1
fdot100y10d	P500	BASE	315.00	103.45	105.00	168489	0.00	0.29	34.2	28.1
fdot100y10d	P500	BASE	315.25	103.45	105.00	168479	0.00	0.29	34.2	28.1
fdot100y10d	P500	BASE	315.50	103.45	105.00	168469	0.00	0.29	34.2	28.1
fdot100y10d	P500	BASE	315.75	103.45	105.00	168459	0.00	0.29	34.2	28.1
fdot100y10d	P500	BASE	316.00	103.45	105.00	168448	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	316.25	103.45	105.00	168438	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	316.50	103.44	105.00	168428	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	316.75	103.44	105.00	168418	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	317.00	103.44	105.00	168407	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	317.25	103.44	105.00	168397	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	317.50	103.44	105.00	168387	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	317.75	103.44	105.00	168377	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	318.00	103.43	105.00	168367	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	318.25	103.43	105.00	168357	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	318.50	103.43	105.00	168346	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	318.75	103.43	105.00	168336	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	319.00	103.43	105.00	168326	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	319.25	103.43	105.00	168316	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	319.50	103.43	105.00	168306	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	319.75	103.42	105.00	168296	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	320.00	103.42	105.00	168286	0.00	0.29	34.2	28.2
fdot100y10d	P500	BASE	320.25	103.42	105.00	168276	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	320.50	103.42	105.00	168266	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	320.75	103.42	105.00	168256	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	321.00	103.42	105.00	168246	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	321.25	103.41	105.00	168236	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	321.50	103.41	105.00	168226	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	321.75	103.41	105.00	168216	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	322.00	103.41	105.00	168206	0.00	0.29	34.2	28.3
fdot100y10d	P500	BASE	322.25	103.41	105.00	168196	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	322.50	103.41	105.00	168186	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	322.75	103.41	105.00	168176	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	323.00	103.40	105.00	168166	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	323.25	103.40	105.00	168156	0.00	0.28	34.2	28.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	323.50	103.40	105.00	168146	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	323.75	103.40	105.00	168136	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	324.00	103.40	105.00	168126	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	324.25	103.40	105.00	168117	0.00	0.28	34.2	28.3
fdot100y10d	P500	BASE	324.50	103.39	105.00	168107	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	324.75	103.39	105.00	168097	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	325.00	103.39	105.00	168087	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	325.25	103.39	105.00	168077	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	325.50	103.39	105.00	168067	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	325.75	103.39	105.00	168058	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	326.00	103.39	105.00	168048	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	326.25	103.38	105.00	168038	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	326.50	103.38	105.00	168028	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	326.75	103.38	105.00	168018	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	327.00	103.38	105.00	168009	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	327.25	103.38	105.00	167999	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	327.50	103.38	105.00	167989	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	327.75	103.38	105.00	167980	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	328.00	103.37	105.00	167970	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	328.25	103.37	105.00	167960	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	328.50	103.37	105.00	167950	0.00	0.28	34.2	28.4
fdot100y10d	P500	BASE	328.75	103.37	105.00	167941	0.00	0.28	34.2	28.5
fdot100y10d	P500	BASE	329.00	103.37	105.00	167931	0.00	0.28	34.2	28.5
fdot100y10d	P500	BASE	329.25	103.37	105.00	167921	0.00	0.28	34.2	28.5
fdot100y10d	P500	BASE	329.50	103.36	105.00	167912	0.00	0.28	34.2	28.5
fdot100y10d	P500	BASE	329.75	103.36	105.00	167902	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	330.00	103.36	105.00	167893	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	330.25	103.36	105.00	167883	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	330.50	103.36	105.00	167873	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	330.75	103.36	105.00	167864	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	331.00	103.36	105.00	167854	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	331.25	103.35	105.00	167845	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	331.50	103.35	105.00	167835	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	331.75	103.35	105.00	167826	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	332.00	103.35	105.00	167816	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	332.25	103.35	105.00	167806	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	332.50	103.35	105.00	167797	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	332.75	103.35	105.00	167787	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	333.00	103.34	105.00	167778	0.00	0.27	34.2	28.5
fdot100y10d	P500	BASE	333.25	103.34	105.00	167768	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	333.50	103.34	105.00	167759	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	333.75	103.34	105.00	167750	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	334.00	103.34	105.00	167740	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	334.25	103.34	105.00	167731	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	334.50	103.34	105.00	167721	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	334.75	103.33	105.00	167712	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	335.00	103.33	105.00	167702	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	335.25	103.33	105.00	167693	0.00	0.27	34.2	28.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	335.50	103.33	105.00	167684	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	335.75	103.33	105.00	167674	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	336.00	103.33	105.00	167665	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	336.25	103.33	105.00	167655	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	336.50	103.32	105.00	167646	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	336.75	103.32	105.00	167637	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	337.00	103.32	105.00	167627	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	337.25	103.32	105.00	167618	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	337.50	103.32	105.00	167609	0.00	0.27	34.2	28.6
fdot100y10d	P500	BASE	337.75	103.32	105.00	167599	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	338.00	103.32	105.00	167590	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	338.25	103.31	105.00	167581	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	338.50	103.31	105.00	167572	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	338.75	103.31	105.00	167562	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	339.00	103.31	105.00	167553	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	339.25	103.31	105.00	167544	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	339.50	103.31	105.00	167535	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	339.75	103.31	105.00	167525	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	340.00	103.30	105.00	167516	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	340.25	103.30	105.00	167507	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	340.50	103.30	105.00	167498	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	340.75	103.30	105.00	167489	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	341.00	103.30	105.00	167479	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	341.25	103.30	105.00	167470	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	341.50	103.30	105.00	167461	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	341.75	103.29	105.00	167452	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	342.00	103.29	105.00	167443	0.00	0.26	34.2	28.7
fdot100y10d	P500	BASE	342.25	103.29	105.00	167434	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	342.50	103.29	105.00	167425	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	342.75	103.29	105.00	167415	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	343.00	103.29	105.00	167406	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	343.25	103.29	105.00	167397	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	343.50	103.28	105.00	167388	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	343.75	103.28	105.00	167379	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	344.00	103.28	105.00	167370	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	344.25	103.28	105.00	167361	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	344.50	103.28	105.00	167352	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	344.75	103.28	105.00	167343	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	345.00	103.28	105.00	167334	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	345.25	103.28	105.00	167325	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	345.50	103.27	105.00	167316	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	345.75	103.27	105.00	167307	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	346.00	103.27	105.00	167298	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	346.25	103.27	105.00	167289	0.00	0.26	34.2	28.8
fdot100y10d	P500	BASE	346.50	103.27	105.00	167280	0.00	0.25	34.2	28.8
fdot100y10d	P500	BASE	346.75	103.27	105.00	167271	0.00	0.25	34.2	28.8
fdot100y10d	P500	BASE	347.00	103.27	105.00	167262	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	347.25	103.26	105.00	167253	0.00	0.25	34.2	28.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	347.50	103.26	105.00	167244	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	347.75	103.26	105.00	167235	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	348.00	103.26	105.00	167226	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	348.25	103.26	105.00	167217	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	348.50	103.26	105.00	167209	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	348.75	103.26	105.00	167200	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	349.00	103.25	105.00	167191	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	349.25	103.25	105.00	167182	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	349.50	103.25	105.00	167173	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	349.75	103.25	105.00	167164	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	350.00	103.25	105.00	167155	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	350.25	103.25	105.00	167147	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	350.50	103.25	105.00	167138	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	350.75	103.25	105.00	167129	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	351.00	103.24	105.00	167120	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	351.25	103.24	105.00	167111	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	351.50	103.24	105.00	167103	0.00	0.25	34.2	28.9
fdot100y10d	P500	BASE	351.75	103.24	105.00	167094	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	352.00	103.24	105.00	167085	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	352.25	103.24	105.00	167076	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	352.50	103.24	105.00	167067	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	352.75	103.23	105.00	167059	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	353.00	103.23	105.00	167050	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	353.25	103.23	105.00	167041	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	353.50	103.23	105.00	167033	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	353.75	103.23	105.00	167024	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	354.00	103.23	105.00	167015	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	354.25	103.23	105.00	167006	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	354.50	103.22	105.00	166998	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	354.75	103.22	105.00	166989	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	355.00	103.22	105.00	166980	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	355.25	103.22	105.00	166972	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	355.50	103.22	105.00	166963	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	355.75	103.22	105.00	166954	0.00	0.25	34.2	29.0
fdot100y10d	P500	BASE	356.00	103.22	105.00	166946	0.00	0.24	34.2	29.0
fdot100y10d	P500	BASE	356.25	103.22	105.00	166937	0.00	0.24	34.2	29.0
fdot100y10d	P500	BASE	356.50	103.21	105.00	166929	0.00	0.24	34.2	29.0
fdot100y10d	P500	BASE	356.75	103.21	105.00	166920	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	357.00	103.21	105.00	166911	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	357.25	103.21	105.00	166903	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	357.50	103.21	105.00	166894	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	357.75	103.21	105.00	166886	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	358.00	103.21	105.00	166877	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	358.25	103.21	105.00	166869	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	358.50	103.20	105.00	166860	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	358.75	103.20	105.00	166851	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	359.00	103.20	105.00	166843	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	359.25	103.20	105.00	166834	0.00	0.24	34.2	29.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	359.50	103.20	105.00	166826	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	359.75	103.20	105.00	166817	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	360.00	103.20	105.00	166809	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	360.25	103.19	105.00	166800	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	360.50	103.19	105.00	166792	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	360.75	103.19	105.00	166783	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	361.00	103.19	105.00	166775	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	361.25	103.19	105.00	166766	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	361.50	103.19	105.00	166758	0.00	0.24	34.2	29.1
fdot100y10d	P500	BASE	361.75	103.19	105.00	166750	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	362.00	103.19	105.00	166741	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	362.25	103.18	105.00	166733	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	362.50	103.18	105.00	166724	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	362.75	103.18	105.00	166716	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	363.00	103.18	105.00	166707	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	363.25	103.18	105.00	166699	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	363.50	103.18	105.00	166691	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	363.75	103.18	105.00	166682	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	364.00	103.18	105.00	166674	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	364.25	103.17	105.00	166666	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	364.50	103.17	105.00	166657	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	364.75	103.17	105.00	166649	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	365.00	103.17	105.00	166641	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	365.25	103.17	105.00	166632	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	365.50	103.17	105.00	166624	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	365.75	103.17	105.00	166616	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	366.00	103.17	105.00	166607	0.00	0.24	34.2	29.2
fdot100y10d	P500	BASE	366.25	103.16	105.00	166599	0.00	0.23	34.2	29.2
fdot100y10d	P500	BASE	366.50	103.16	105.00	166591	0.00	0.23	34.2	29.2
fdot100y10d	P500	BASE	366.75	103.16	105.00	166582	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	367.00	103.16	105.00	166574	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	367.25	103.16	105.00	166566	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	367.50	103.16	105.00	166558	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	367.75	103.16	105.00	166549	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	368.00	103.16	105.00	166541	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	368.25	103.15	105.00	166533	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	368.50	103.15	105.00	166525	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	368.75	103.15	105.00	166516	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	369.00	103.15	105.00	166508	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	369.25	103.15	105.00	166500	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	369.50	103.15	105.00	166492	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	369.75	103.15	105.00	166484	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	370.00	103.15	105.00	166475	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	370.25	103.14	105.00	166467	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	370.50	103.14	105.00	166459	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	370.75	103.14	105.00	166451	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	371.00	103.14	105.00	166443	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	371.25	103.14	105.00	166435	0.00	0.23	34.2	29.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	371.50	103.14	105.00	166427	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	371.75	103.14	105.00	166418	0.00	0.23	34.2	29.3
fdot100y10d	P500	BASE	372.00	103.14	105.00	166410	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	372.25	103.13	105.00	166402	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	372.50	103.13	105.00	166394	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	372.75	103.13	105.00	166386	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	373.00	103.13	105.00	166378	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	373.25	103.13	105.00	166370	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	373.50	103.13	105.00	166362	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	373.75	103.13	105.00	166354	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	374.00	103.13	105.00	166346	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	374.25	103.12	105.00	166338	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	374.50	103.12	105.00	166329	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	374.75	103.12	105.00	166321	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	375.00	103.12	105.00	166313	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	375.25	103.12	105.00	166305	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	375.50	103.12	105.00	166297	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	375.75	103.12	105.00	166289	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	376.00	103.12	105.00	166281	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	376.25	103.11	105.00	166273	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	376.50	103.11	105.00	166265	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	376.75	103.11	105.00	166257	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	377.00	103.11	105.00	166249	0.00	0.23	34.2	29.4
fdot100y10d	P500	BASE	377.25	103.11	105.00	166241	0.00	0.23	34.2	29.5
fdot100y10d	P500	BASE	377.50	103.11	105.00	166233	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	377.75	103.11	105.00	166226	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	378.00	103.11	105.00	166218	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	378.25	103.10	105.00	166210	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	378.50	103.10	105.00	166202	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	378.75	103.10	105.00	166194	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	379.00	103.10	105.00	166186	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	379.25	103.10	105.00	166178	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	379.50	103.10	105.00	166170	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	379.75	103.10	105.00	166162	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	380.00	103.10	105.00	166154	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	380.25	103.09	105.00	166146	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	380.50	103.09	105.00	166138	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	380.75	103.09	105.00	166131	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	381.00	103.09	105.00	166123	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	381.25	103.09	105.00	166115	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	381.50	103.09	105.00	166107	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	381.75	103.09	105.00	166099	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	382.00	103.09	105.00	166091	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	382.25	103.09	105.00	166084	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	382.50	103.08	105.00	166076	0.00	0.22	34.2	29.5
fdot100y10d	P500	BASE	382.75	103.08	105.00	166068	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	383.00	103.08	105.00	166060	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	383.25	103.08	105.00	166052	0.00	0.22	34.2	29.6

US 301 PD&E Basin 500
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	383.50	103.08	105.00	166045	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	383.75	103.08	105.00	166037	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	384.00	103.08	105.00	166029	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	384.25	103.08	105.00	166021	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	384.50	103.07	105.00	166013	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	384.75	103.07	105.00	166006	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	385.00	103.07	105.00	165998	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	385.25	103.07	105.00	165990	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	385.50	103.07	105.00	165982	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	385.75	103.07	105.00	165975	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	386.00	103.07	105.00	165967	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	386.25	103.07	105.00	165959	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	386.50	103.06	105.00	165952	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	386.75	103.06	105.00	165944	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	387.00	103.06	105.00	165936	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	387.25	103.06	105.00	165928	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	387.50	103.06	105.00	165921	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	387.75	103.06	105.00	165913	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	388.00	103.06	105.00	165905	0.00	0.22	34.2	29.6
fdot100y10d	P500	BASE	388.25	103.06	105.00	165898	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	388.50	103.06	105.00	165890	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	388.75	103.05	105.00	165882	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	389.00	103.05	105.00	165875	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	389.25	103.05	105.00	165867	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	389.50	103.05	105.00	165859	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	389.75	103.05	105.00	165852	0.00	0.22	34.2	29.7
fdot100y10d	P500	BASE	390.00	103.05	105.00	165844	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	390.25	103.05	105.00	165837	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	390.50	103.05	105.00	165829	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	390.75	103.04	105.00	165821	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	391.00	103.04	105.00	165814	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	391.25	103.04	105.00	165806	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	391.50	103.04	105.00	165799	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	391.75	103.04	105.00	165791	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	392.00	103.04	105.00	165784	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	392.25	103.04	105.00	165776	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	392.50	103.04	105.00	165768	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	392.75	103.04	105.00	165761	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	393.00	103.03	105.00	165753	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	393.25	103.03	105.00	165746	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	393.50	103.03	105.00	165738	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	393.75	103.03	105.00	165731	0.00	0.21	34.2	29.7
fdot100y10d	P500	BASE	394.00	103.03	105.00	165723	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	394.25	103.03	105.00	165716	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	394.50	103.03	105.00	165708	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	394.75	103.03	105.00	165701	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	395.00	103.03	105.00	165693	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	395.25	103.02	105.00	165686	0.00	0.21	34.2	29.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	395.50	103.02	105.00	165678	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	395.75	103.02	105.00	165671	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	396.00	103.02	105.00	165663	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	396.25	103.02	105.00	165656	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	396.50	103.02	105.00	165648	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	396.75	103.02	105.00	165641	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	397.00	103.02	105.00	165633	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	397.25	103.02	105.00	165626	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	397.50	103.01	105.00	165619	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	397.75	103.01	105.00	165611	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	398.00	103.01	105.00	165604	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	398.25	103.01	105.00	165596	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	398.50	103.01	105.00	165589	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	398.75	103.01	105.00	165582	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	399.00	103.01	105.00	165574	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	399.25	103.01	105.00	165567	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	399.50	103.00	105.00	165559	0.00	0.21	34.2	29.8
fdot100y10d	P500	BASE	399.75	103.00	105.00	165552	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	400.00	103.00	105.00	165545	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	400.25	103.00	105.00	165537	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	400.50	103.00	105.00	165530	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	400.75	103.00	105.00	165523	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	401.00	103.00	105.00	165515	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	401.25	103.00	105.00	165508	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	401.50	103.00	105.00	165501	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	401.75	102.99	105.00	165493	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	402.00	102.99	105.00	165486	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	402.25	102.99	105.00	165479	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	402.50	102.99	105.00	165471	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	402.75	102.99	105.00	165464	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	403.00	102.99	105.00	165457	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	403.25	102.99	105.00	165449	0.00	0.21	34.2	29.9
fdot100y10d	P500	BASE	403.50	102.99	105.00	165442	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	403.75	102.99	105.00	165435	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	404.00	102.98	105.00	165428	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	404.25	102.98	105.00	165420	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	404.50	102.98	105.00	165413	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	404.75	102.98	105.00	165406	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	405.00	102.98	105.00	165398	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	405.25	102.98	105.00	165391	0.00	0.20	34.2	29.9
fdot100y10d	P500	BASE	405.50	102.98	105.00	165384	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	405.75	102.98	105.00	165377	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	406.00	102.98	105.00	165370	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	406.25	102.97	105.00	165362	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	406.50	102.97	105.00	165355	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	406.75	102.97	105.00	165348	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	407.00	102.97	105.00	165341	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	407.25	102.97	105.00	165333	0.00	0.20	34.2	30.0

US 301 PD&E Basin 500
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	407.50	102.97	105.00	165326	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	407.75	102.97	105.00	165319	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	408.00	102.97	105.00	165312	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	408.25	102.97	105.00	165305	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	408.50	102.96	105.00	165298	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	408.75	102.96	105.00	165290	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	409.00	102.96	105.00	165283	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	409.25	102.96	105.00	165276	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	409.50	102.96	105.00	165269	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	409.75	102.96	105.00	165262	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	410.00	102.96	105.00	165255	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	410.25	102.96	105.00	165248	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	410.50	102.96	105.00	165240	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	410.75	102.95	105.00	165233	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	411.00	102.95	105.00	165226	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	411.25	102.95	105.00	165219	0.00	0.20	34.2	30.0
fdot100y10d	P500	BASE	411.50	102.95	105.00	165212	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	411.75	102.95	105.00	165205	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	412.00	102.95	105.00	165198	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	412.25	102.95	105.00	165191	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	412.50	102.95	105.00	165184	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	412.75	102.95	105.00	165177	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	413.00	102.95	105.00	165169	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	413.25	102.94	105.00	165162	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	413.50	102.94	105.00	165155	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	413.75	102.94	105.00	165148	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	414.00	102.94	105.00	165141	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	414.25	102.94	105.00	165134	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	414.50	102.94	105.00	165127	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	414.75	102.94	105.00	165120	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	415.00	102.94	105.00	165113	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	415.25	102.94	105.00	165106	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	415.50	102.93	105.00	165099	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	415.75	102.93	105.00	165092	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	416.00	102.93	105.00	165085	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	416.25	102.93	105.00	165078	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	416.50	102.93	105.00	165071	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	416.75	102.93	105.00	165064	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	417.00	102.93	105.00	165057	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	417.25	102.93	105.00	165050	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	417.50	102.93	105.00	165043	0.00	0.20	34.2	30.1
fdot100y10d	P500	BASE	417.75	102.92	105.00	165036	0.00	0.20	34.2	30.2
fdot100y10d	P500	BASE	418.00	102.92	105.00	165029	0.00	0.20	34.2	30.2
fdot100y10d	P500	BASE	418.25	102.92	105.00	165022	0.00	0.20	34.2	30.2
fdot100y10d	P500	BASE	418.50	102.92	105.00	165015	0.00	0.20	34.2	30.2
fdot100y10d	P500	BASE	418.75	102.92	105.00	165008	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	419.00	102.92	105.00	165001	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	419.25	102.92	105.00	164994	0.00	0.19	34.2	30.2

½ VOLUME RECOVERY 7.4 DAYS AFTER 10 DAY EVENT

4/30/2009,5:41:58 PM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	419.50	102.92	105.00	164988	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	419.75	102.92	105.00	164981	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	420.00	102.92	105.00	164974	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	420.25	102.91	105.00	164967	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	420.50	102.91	105.00	164960	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	420.75	102.91	105.00	164953	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	421.00	102.91	105.00	164946	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	421.25	102.91	105.00	164939	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	421.50	102.91	105.00	164932	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	421.75	102.91	105.00	164925	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	422.00	102.91	105.00	164918	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	422.25	102.91	105.00	164912	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	422.50	102.90	105.00	164905	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	422.75	102.90	105.00	164898	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	423.00	102.90	105.00	164891	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	423.25	102.90	105.00	164884	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	423.50	102.90	105.00	164877	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	423.75	102.90	105.00	164870	0.00	0.19	34.2	30.2
fdot100y10d	P500	BASE	424.00	102.90	105.00	164864	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	424.25	102.90	105.00	164857	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	424.50	102.90	105.00	164850	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	424.75	102.90	105.00	164843	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	425.00	102.89	105.00	164836	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	425.25	102.89	105.00	164830	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	425.50	102.89	105.00	164823	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	425.75	102.89	105.00	164816	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	426.00	102.89	105.00	164809	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	426.25	102.89	105.00	164802	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	426.50	102.89	105.00	164796	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	426.75	102.89	105.00	164789	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	427.00	102.89	105.00	164782	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	427.25	102.88	105.00	164775	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	427.50	102.88	105.00	164768	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	427.75	102.88	105.00	164762	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	428.00	102.88	105.00	164755	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	428.25	102.88	105.00	164748	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	428.50	102.88	105.00	164741	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	428.75	102.88	105.00	164735	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	429.00	102.88	105.00	164728	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	429.25	102.88	105.00	164721	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	429.50	102.88	105.00	164714	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	429.75	102.87	105.00	164708	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	430.00	102.87	105.00	164701	0.00	0.19	34.2	30.3
fdot100y10d	P500	BASE	430.25	102.87	105.00	164694	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	430.50	102.87	105.00	164688	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	430.75	102.87	105.00	164681	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	431.00	102.87	105.00	164674	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	431.25	102.87	105.00	164667	0.00	0.19	34.2	30.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	431.50	102.87	105.00	164661	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	431.75	102.87	105.00	164654	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	432.00	102.87	105.00	164647	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	432.25	102.86	105.00	164641	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	432.50	102.86	105.00	164634	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	432.75	102.86	105.00	164627	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	433.00	102.86	105.00	164621	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	433.25	102.86	105.00	164614	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	433.50	102.86	105.00	164607	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	433.75	102.86	105.00	164601	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	434.00	102.86	105.00	164594	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	434.25	102.86	105.00	164588	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	434.50	102.86	105.00	164581	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	434.75	102.85	105.00	164574	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	435.00	102.85	105.00	164568	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	435.25	102.85	105.00	164561	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	435.50	102.85	105.00	164554	0.00	0.19	34.2	30.4
fdot100y10d	P500	BASE	435.75	102.85	105.00	164548	0.00	0.18	34.2	30.4
fdot100y10d	P500	BASE	436.00	102.85	105.00	164541	0.00	0.18	34.2	30.4
fdot100y10d	P500	BASE	436.25	102.85	105.00	164535	0.00	0.18	34.2	30.4
fdot100y10d	P500	BASE	436.50	102.85	105.00	164528	0.00	0.18	34.2	30.4
fdot100y10d	P500	BASE	436.75	102.85	105.00	164521	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	437.00	102.84	105.00	164515	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	437.25	102.84	105.00	164508	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	437.50	102.84	105.00	164502	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	437.75	102.84	105.00	164495	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	438.00	102.84	105.00	164489	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	438.25	102.84	105.00	164482	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	438.50	102.84	105.00	164475	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	438.75	102.84	105.00	164469	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	439.00	102.84	105.00	164462	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	439.25	102.84	105.00	164456	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	439.50	102.83	105.00	164449	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	439.75	102.83	105.00	164443	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	440.00	102.83	105.00	164436	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	440.25	102.83	105.00	164430	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	440.50	102.83	105.00	164423	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	440.75	102.83	105.00	164417	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	441.00	102.83	105.00	164410	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	441.25	102.83	105.00	164404	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	441.50	102.83	105.00	164397	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	441.75	102.83	105.00	164391	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	442.00	102.82	105.00	164384	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	442.25	102.82	105.00	164378	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	442.50	102.82	105.00	164371	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	442.75	102.82	105.00	164365	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	443.00	102.82	105.00	164358	0.00	0.18	34.2	30.5
fdot100y10d	P500	BASE	443.25	102.82	105.00	164352	0.00	0.18	34.2	30.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	443.50	102.82	105.00	164345	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	443.75	102.82	105.00	164339	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	444.00	102.82	105.00	164332	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	444.25	102.82	105.00	164326	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	444.50	102.82	105.00	164319	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	444.75	102.81	105.00	164313	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	445.00	102.81	105.00	164306	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	445.25	102.81	105.00	164300	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	445.50	102.81	105.00	164294	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	445.75	102.81	105.00	164287	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	446.00	102.81	105.00	164281	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	446.25	102.81	105.00	164274	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	446.50	102.81	105.00	164268	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	446.75	102.81	105.00	164262	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	447.00	102.81	105.00	164255	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	447.25	102.80	105.00	164249	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	447.50	102.80	105.00	164242	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	447.75	102.80	105.00	164236	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	448.00	102.80	105.00	164230	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	448.25	102.80	105.00	164223	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	448.50	102.80	105.00	164217	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	448.75	102.80	105.00	164210	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	449.00	102.80	105.00	164204	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	449.25	102.80	105.00	164198	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	449.50	102.80	105.00	164191	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	449.75	102.79	105.00	164185	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	450.00	102.79	105.00	164179	0.00	0.18	34.2	30.6
fdot100y10d	P500	BASE	450.25	102.79	105.00	164172	0.00	0.18	34.2	30.7
fdot100y10d	P500	BASE	454.25	102.78	105.00	164071	0.00	0.18	34.2	30.7
fdot100y10d	P500	BASE	458.25	102.76	105.00	163971	0.00	0.17	34.2	30.8
fdot100y10d	P500	BASE	462.25	102.75	105.00	163872	0.00	0.17	34.2	30.8
fdot100y10d	P500	BASE	466.25	102.73	105.00	163774	0.00	0.17	34.2	30.9
fdot100y10d	P500	BASE	470.25	102.72	105.00	163677	0.00	0.17	34.2	30.9
fdot100y10d	P500	BASE	474.25	102.70	105.00	163582	0.00	0.17	34.2	31.0
fdot100y10d	P500	BASE	478.25	102.69	105.00	163487	0.00	0.16	34.2	31.0
fdot100y10d	P500	BASE	482.25	102.67	105.00	163392	0.00	0.16	34.2	31.1
fdot100y10d	P500	BASE	486.25	102.66	105.00	163299	0.00	0.16	34.2	31.2
fdot100y10d	P500	BASE	490.25	102.64	105.00	163207	0.00	0.16	34.2	31.2
fdot100y10d	P500	BASE	494.25	102.63	105.00	163115	0.00	0.16	34.2	31.3
fdot100y10d	P500	BASE	498.25	102.62	105.00	163025	0.00	0.16	34.2	31.3
fdot100y10d	P500	BASE	502.25	102.60	105.00	162935	0.00	0.15	34.2	31.4
fdot100y10d	P500	BASE	506.25	102.59	105.00	162846	0.00	0.15	34.2	31.4
fdot100y10d	P500	BASE	510.25	102.58	105.00	162758	0.00	0.15	34.2	31.5
fdot100y10d	P500	BASE	514.25	102.56	105.00	162670	0.00	0.15	34.2	31.5
fdot100y10d	P500	BASE	518.25	102.55	105.00	162583	0.00	0.15	34.2	31.6
fdot100y10d	P500	BASE	522.25	102.54	105.00	162497	0.00	0.15	34.2	31.6
fdot100y10d	P500	BASE	526.25	102.52	105.00	162412	0.00	0.15	34.2	31.7
fdot100y10d	P500	BASE	530.25	102.51	105.00	162327	0.00	0.15	34.2	31.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	534.25	102.50	105.00	162243	0.00	0.14	34.2	31.8
fdot100y10d	P500	BASE	538.25	102.48	105.00	162160	0.00	0.14	34.2	31.8
fdot100y10d	P500	BASE	542.25	102.47	105.00	162078	0.00	0.14	34.2	31.9
fdot100y10d	P500	BASE	546.25	102.46	105.00	161996	0.00	0.14	34.2	31.9
fdot100y10d	P500	BASE	550.25	102.45	105.00	161914	0.00	0.14	34.2	31.9
fdot100y10d	P500	BASE	554.25	102.43	105.00	161834	0.00	0.14	34.2	32.0
fdot100y10d	P500	BASE	558.25	102.42	105.00	161753	0.00	0.14	34.2	32.0
fdot100y10d	P500	BASE	562.25	102.41	105.00	161674	0.00	0.14	34.2	32.1
fdot100y10d	P500	BASE	566.25	102.40	105.00	161595	0.00	0.14	34.2	32.1
fdot100y10d	P500	BASE	570.25	102.39	105.00	161517	0.00	0.13	34.2	32.2
fdot100y10d	P500	BASE	574.25	102.37	105.00	161439	0.00	0.13	34.2	32.2
fdot100y10d	P500	BASE	578.25	102.36	105.00	161362	0.00	0.13	34.2	32.3
fdot100y10d	P500	BASE	582.25	102.35	105.00	161285	0.00	0.13	34.2	32.3
fdot100y10d	P500	BASE	586.25	102.34	105.00	161209	0.00	0.13	34.2	32.3
fdot100y10d	P500	BASE	590.25	102.33	105.00	161133	0.00	0.13	34.2	32.4
fdot100y10d	P500	BASE	594.25	102.32	105.00	161058	0.00	0.13	34.2	32.4
fdot100y10d	P500	BASE	598.25	102.30	105.00	160984	0.00	0.13	34.2	32.5
fdot100y10d	P500	BASE	602.25	102.29	105.00	160909	0.00	0.13	34.2	32.5
fdot100y10d	P500	BASE	606.25	102.28	105.00	160836	0.00	0.13	34.2	32.6
fdot100y10d	P500	BASE	610.25	102.27	105.00	160763	0.00	0.12	34.2	32.6
fdot100y10d	P500	BASE	614.25	102.26	105.00	160690	0.00	0.12	34.2	32.6
fdot100y10d	P500	BASE	618.25	102.25	105.00	160618	0.00	0.12	34.2	32.7
fdot100y10d	P500	BASE	622.25	102.24	105.00	160546	0.00	0.12	34.2	32.7
fdot100y10d	P500	BASE	626.25	102.23	105.00	160475	0.00	0.12	34.2	32.8
fdot100y10d	P500	BASE	630.25	102.22	105.00	160404	0.00	0.12	34.2	32.8
fdot100y10d	P500	BASE	634.25	102.20	105.00	160333	0.00	0.12	34.2	32.8
fdot100y10d	P500	BASE	638.25	102.19	105.00	160263	0.00	0.12	34.2	32.9
fdot100y10d	P500	BASE	642.25	102.18	105.00	160194	0.00	0.12	34.2	32.9
fdot100y10d	P500	BASE	646.25	102.17	105.00	160125	0.00	0.12	34.2	33.0
fdot100y10d	P500	BASE	650.25	102.16	105.00	160056	0.00	0.12	34.2	33.0
fdot100y10d	P500	BASE	654.25	102.15	105.00	159987	0.00	0.12	34.2	33.0
fdot100y10d	P500	BASE	658.25	102.14	105.00	159919	0.00	0.12	34.2	33.1
fdot100y10d	P500	BASE	662.25	102.13	105.00	159852	0.00	0.11	34.2	33.1
fdot100y10d	P500	BASE	666.25	102.12	105.00	159785	0.00	0.11	34.2	33.1
fdot100y10d	P500	BASE	670.25	102.11	105.00	159718	0.00	0.11	34.2	33.2
fdot100y10d	P500	BASE	674.25	102.10	105.00	159651	0.00	0.11	34.2	33.2
fdot100y10d	P500	BASE	678.25	102.09	105.00	159585	0.00	0.11	34.2	33.3
fdot100y10d	P500	BASE	682.25	102.08	105.00	159520	0.00	0.11	34.2	33.3
fdot100y10d	P500	BASE	686.25	102.07	105.00	159454	0.00	0.11	34.2	33.3
fdot100y10d	P500	BASE	690.25	102.06	105.00	159389	0.00	0.11	34.2	33.4
fdot100y10d	P500	BASE	694.25	102.05	105.00	159325	0.00	0.11	34.2	33.4
fdot100y10d	P500	BASE	698.25	102.04	105.00	159260	0.00	0.11	34.2	33.4
fdot100y10d	P500	BASE	702.25	102.03	105.00	159196	0.00	0.11	34.2	33.5
fdot100y10d	P500	BASE	706.25	102.02	105.00	159133	0.00	0.11	34.2	33.5
fdot100y10d	P500	BASE	710.25	102.01	105.00	159069	0.00	0.11	34.2	33.5
fdot100y10d	P500	BASE	714.25	102.00	105.00	159006	0.00	0.11	34.2	33.6
fdot100y10d	P500	BASE	718.25	101.99	105.00	158943	0.00	0.11	34.2	33.6
fdot100y10d	P500	BASE	722.25	101.98	105.00	158881	0.00	0.11	34.2	33.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P500	BASE	726.25	101.97	105.00	158819	0.00	0.10	34.2	33.7	
fdot100y10d	P500	BASE	730.25	101.96	105.00	158757	0.00	0.10	34.2	33.7	
fdot100y10d	P500	BASE	734.25	101.95	105.00	158696	0.00	0.10	34.2	33.8	
fdot100y10d	P500	BASE	738.25	101.95	105.00	158635	0.00	0.10	34.2	33.8	
fdot100y10d	P500	BASE	742.25	101.94	105.00	158574	0.00	0.10	34.2	33.8	
fdot100y10d	P500	BASE	746.25	101.93	105.00	158513	0.00	0.10	34.2	33.9	
fdot100y10d	P500	BASE	750.25	101.92	105.00	158453	0.00	0.10	34.2	33.9	
fdot100y10d	P500	BASE	754.25	101.91	105.00	158393	0.00	0.10	34.2	33.9	
fdot100y10d	P500	BASE	758.25	101.90	105.00	158333	0.00	0.10	34.2	34.0	
fdot100y10d	P500	BASE	762.25	101.89	105.00	158274	0.00	0.10	34.2	34.0	
fdot100y10d	P500	BASE	766.25	101.88	105.00	158215	0.00	0.10	34.2	34.0	
fdot100y10d	P500	BASE	770.25	101.87	105.00	158156	0.00	0.10	34.2	34.1	
fdot100y10d	P500	BASE	774.25	101.86	105.00	158097	0.00	0.10	34.2	34.1	
fdot100y10d	P500	BASE	778.25	101.85	105.00	158039	0.00	0.10	34.2	34.1	
fdot100y10d	P500	BASE	782.25	101.84	105.00	157981	0.00	0.10	34.2	34.2	
fdot100y10d	P500	BASE	786.25	101.84	105.00	157923	0.00	0.10	34.2	34.2	
fdot100y10d	P500	BASE	790.25	101.83	105.00	157865	0.00	0.10	34.2	34.2	
fdot100y10d	P500	BASE	794.25	101.82	105.00	157808	0.00	0.10	34.2	34.3	
fdot100y10d	P500	BASE	798.25	101.81	105.00	157751	0.00	0.10	34.2	34.3	
fdot100y10d	P500	BASE	802.25	101.80	105.00	157694	0.00	0.10	34.2	34.3	
fdot100y10d	P500	BASE	806.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	FULL VOLUME
fdot100y10d	P500	BASE	810.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	RECOVERY
fdot100y10d	P500	BASE	814.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	818.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	23.4 DAYS AFTER
fdot100y10d	P500	BASE	822.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	826.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	10 DAY EVENT
fdot100y10d	P500	BASE	830.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	834.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	838.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	842.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	846.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	850.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	854.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	858.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	862.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	866.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	870.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	874.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	878.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	882.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	886.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	890.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	894.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	898.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	902.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	906.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	910.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	
fdot100y10d	P500	BASE	914.25	101.80	105.00	157687	0.00	0.00	34.2	34.3	

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P500	BASE	918.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	922.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	926.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	930.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	934.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	938.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	942.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	946.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	950.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	954.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	958.25	101.80	105.00	157687	0.00	0.00	34.2	34.3
fdot100y10d	P500	BASE	960.01	101.80	105.00	157687	0.00	0.00	34.2	34.3

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==== Basins ====
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Name: B600 Node: P600 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 22.950 Time Shift(hrs): 0.00
Curve Number: 76.15 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

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==== Nodes ====
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Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 81.000
Group: BASE Warn Stage(ft): 86.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	81.000
960.00	81.000

Name: P600 Base Flow(cfs): 0.000 Init Stage(ft): 85.400
Group: BASE Warn Stage(ft): 86.000
Type: Stage/Area

Stage(ft)	Area(ac)
85.400	11.9900
86.000	12.0700

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 81.000
Group: BASE Warn Stage(ft): 86.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	81.000
960.00	81.000

==========
==== Weirs ====
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Name: OUT600 From Node: P600
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 86.000
Control Elevation(ft): 86.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P600 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 79.000 Perimeter 1(ft): 2896.000
Water Table Elev(ft): 81.000 Perimeter 2(ft): 3524.000
**********0.000 Perimeter 3(ft): 9179.000
Horiz Conductivity(ft/day): 40.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 20.000 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 4.400

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==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
960.000	30.00

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==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
200.000	90.000
450.000	15.000
960.000	240.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
960.000	15.000

Group	Run
BASE	Yes

US 301 PD&E Basin 600
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	0.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	1.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	3.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	4.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	6.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	7.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	9.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	10.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	12.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	13.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	15.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	16.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	18.00	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	19.50	85.40	86.00	522284	0.00	0.00	0.0	0.0
fdot100y10d	P600	BASE	21.00	85.40	86.00	522284	0.02	0.02	0.0	0.0
fdot100y10d	P600	BASE	22.50	85.40	86.00	522284	0.04	0.04	0.0	0.0
fdot100y10d	P600	BASE	24.00	85.40	86.00	522284	0.06	0.06	0.0	0.0
fdot100y10d	P600	BASE	25.50	85.40	86.00	522284	0.32	0.32	0.0	0.0
fdot100y10d	P600	BASE	27.00	85.40	86.00	522284	0.48	0.48	0.1	0.1
fdot100y10d	P600	BASE	28.50	85.40	86.00	522285	0.62	0.62	0.2	0.2
fdot100y10d	P600	BASE	30.00	85.40	86.00	522285	0.74	0.74	0.2	0.2
fdot100y10d	P600	BASE	31.50	85.40	86.00	522285	0.85	0.85	0.3	0.3
fdot100y10d	P600	BASE	33.00	85.40	86.00	522285	3.50	3.49	0.6	0.6
fdot100y10d	P600	BASE	34.50	85.40	86.00	522285	4.78	4.78	1.1	1.1
fdot100y10d	P600	BASE	36.00	85.40	86.00	522285	5.48	5.48	1.8	1.8
fdot100y10d	P600	BASE	37.50	85.40	86.00	522285	6.00	6.00	2.5	2.5
fdot100y10d	P600	BASE	39.00	85.40	86.00	522285	6.38	6.38	3.2	3.2
fdot100y10d	P600	BASE	40.50	85.40	86.00	522285	3.52	3.53	3.8	3.8
fdot100y10d	P600	BASE	42.00	85.40	86.00	522285	1.41	1.41	4.2	4.2
fdot100y10d	P600	BASE	43.50	85.40	86.00	522285	1.42	1.42	4.3	4.3
fdot100y10d	P600	BASE	45.00	85.40	86.00	522285	1.43	1.43	4.5	4.5
fdot100y10d	P600	BASE	46.50	85.40	86.00	522285	1.44	1.44	4.7	4.7
fdot100y10d	P600	BASE	48.00	85.40	86.00	522285	1.45	1.45	4.9	4.9
fdot100y10d	P600	BASE	49.50	85.40	86.00	522285	1.27	1.27	5.0	5.0
fdot100y10d	P600	BASE	51.00	85.40	86.00	522285	1.27	1.27	5.2	5.2
fdot100y10d	P600	BASE	52.50	85.40	86.00	522285	1.28	1.28	5.3	5.3
fdot100y10d	P600	BASE	54.00	85.40	86.00	522285	1.29	1.29	5.5	5.5
fdot100y10d	P600	BASE	55.50	85.40	86.00	522285	1.29	1.29	5.7	5.7
fdot100y10d	P600	BASE	57.00	85.40	86.00	522285	1.25	1.25	5.8	5.8
fdot100y10d	P600	BASE	58.50	85.40	86.00	522285	1.25	1.25	6.0	6.0
fdot100y10d	P600	BASE	60.00	85.40	86.00	522285	1.26	1.26	6.1	6.1
fdot100y10d	P600	BASE	61.50	85.40	86.00	522285	1.26	1.26	6.3	6.3
fdot100y10d	P600	BASE	63.00	85.40	86.00	522285	1.27	1.27	6.4	6.4
fdot100y10d	P600	BASE	64.50	85.40	86.00	522285	1.30	1.30	6.6	6.6
fdot100y10d	P600	BASE	66.00	85.40	86.00	522285	1.33	1.33	6.8	6.8
fdot100y10d	P600	BASE	67.50	85.40	86.00	522285	1.33	1.33	6.9	6.9
fdot100y10d	P600	BASE	69.00	85.40	86.00	522285	1.34	1.34	7.1	7.1
fdot100y10d	P600	BASE	70.50	85.40	86.00	522285	1.34	1.34	7.3	7.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	72.00	85.40	86.00	522285	1.34	1.34	7.4	7.4
fdot100y10d	P600	BASE	73.50	85.40	86.00	522284	0.38	0.38	7.5	7.5
fdot100y10d	P600	BASE	75.00	85.40	86.00	522284	0.35	0.35	7.6	7.6
fdot100y10d	P600	BASE	76.50	85.40	86.00	522284	0.35	0.35	7.6	7.6
fdot100y10d	P600	BASE	78.00	85.40	86.00	522284	0.35	0.35	7.7	7.7
fdot100y10d	P600	BASE	79.50	85.40	86.00	522284	0.35	0.35	7.7	7.7
fdot100y10d	P600	BASE	81.00	85.40	86.00	522284	0.31	0.31	7.8	7.8
fdot100y10d	P600	BASE	82.50	85.40	86.00	522284	0.30	0.30	7.8	7.8
fdot100y10d	P600	BASE	84.00	85.40	86.00	522284	0.30	0.30	7.8	7.8
fdot100y10d	P600	BASE	85.50	85.40	86.00	522284	0.30	0.30	7.9	7.9
fdot100y10d	P600	BASE	87.00	85.40	86.00	522284	0.30	0.30	7.9	7.9
fdot100y10d	P600	BASE	88.50	85.40	86.00	522284	0.33	0.33	7.9	7.9
fdot100y10d	P600	BASE	90.00	85.40	86.00	522284	0.35	0.35	8.0	8.0
fdot100y10d	P600	BASE	91.50	85.40	86.00	522284	0.35	0.35	8.0	8.0
fdot100y10d	P600	BASE	93.00	85.40	86.00	522284	0.35	0.35	8.1	8.1
fdot100y10d	P600	BASE	94.50	85.40	86.00	522284	0.35	0.35	8.1	8.1
fdot100y10d	P600	BASE	96.00	85.40	86.00	522284	0.35	0.35	8.2	8.2
fdot100y10d	P600	BASE	97.50	85.40	86.00	522284	0.35	0.35	8.2	8.2
fdot100y10d	P600	BASE	99.00	85.40	86.00	522284	0.35	0.35	8.2	8.2
fdot100y10d	P600	BASE	100.50	85.40	86.00	522284	0.35	0.35	8.3	8.3
fdot100y10d	P600	BASE	102.00	85.40	86.00	522284	0.35	0.35	8.3	8.3
fdot100y10d	P600	BASE	103.50	85.40	86.00	522284	0.35	0.35	8.4	8.4
fdot100y10d	P600	BASE	105.00	85.40	86.00	522284	0.31	0.31	8.4	8.4
fdot100y10d	P600	BASE	106.50	85.40	86.00	522284	0.30	0.30	8.5	8.5
fdot100y10d	P600	BASE	108.00	85.40	86.00	522284	0.30	0.30	8.5	8.5
fdot100y10d	P600	BASE	109.50	85.40	86.00	522284	0.30	0.30	8.5	8.5
fdot100y10d	P600	BASE	111.00	85.40	86.00	522284	0.30	0.30	8.6	8.6
fdot100y10d	P600	BASE	112.50	85.40	86.00	522284	0.33	0.33	8.6	8.6
fdot100y10d	P600	BASE	114.00	85.40	86.00	522284	0.35	0.35	8.6	8.6
fdot100y10d	P600	BASE	115.50	85.40	86.00	522284	0.36	0.36	8.7	8.7
fdot100y10d	P600	BASE	117.00	85.40	86.00	522284	0.36	0.36	8.7	8.7
fdot100y10d	P600	BASE	118.50	85.40	86.00	522284	0.36	0.36	8.8	8.8
fdot100y10d	P600	BASE	120.00	85.40	86.00	522284	0.36	0.36	8.8	8.8
fdot100y10d	P600	BASE	121.50	85.40	86.00	522284	0.36	0.36	8.9	8.9
fdot100y10d	P600	BASE	123.00	85.40	86.00	522284	0.36	0.36	8.9	8.9
fdot100y10d	P600	BASE	124.50	85.40	86.00	522284	0.36	0.36	9.0	9.0
fdot100y10d	P600	BASE	126.00	85.40	86.00	522284	0.36	0.36	9.0	9.0
fdot100y10d	P600	BASE	127.50	85.40	86.00	522284	0.36	0.36	9.0	9.0
fdot100y10d	P600	BASE	129.00	85.40	86.00	522284	0.31	0.31	9.1	9.1
fdot100y10d	P600	BASE	130.50	85.40	86.00	522284	0.31	0.31	9.1	9.1
fdot100y10d	P600	BASE	132.00	85.40	86.00	522284	0.31	0.31	9.2	9.2
fdot100y10d	P600	BASE	133.50	85.40	86.00	522284	0.31	0.31	9.2	9.2
fdot100y10d	P600	BASE	135.00	85.40	86.00	522284	0.31	0.31	9.2	9.2
fdot100y10d	P600	BASE	136.50	85.40	86.00	522284	0.34	0.34	9.3	9.3
fdot100y10d	P600	BASE	138.00	85.40	86.00	522284	0.36	0.36	9.3	9.3
fdot100y10d	P600	BASE	139.50	85.40	86.00	522284	0.36	0.36	9.4	9.4
fdot100y10d	P600	BASE	141.00	85.40	86.00	522284	0.36	0.36	9.4	9.4
fdot100y10d	P600	BASE	142.50	85.40	86.00	522284	0.36	0.36	9.5	9.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	144.00	85.40	86.00	522284	0.36	0.36	9.5	9.5
fdot100y10d	P600	BASE	145.50	85.40	86.00	522285	1.01	1.01	9.6	9.6
fdot100y10d	P600	BASE	147.00	85.40	86.00	522285	1.03	1.03	9.7	9.7
fdot100y10d	P600	BASE	148.50	85.40	86.00	522285	1.03	1.03	9.8	9.8
fdot100y10d	P600	BASE	150.00	85.40	86.00	522285	1.03	1.03	10.0	10.0
fdot100y10d	P600	BASE	151.50	85.40	86.00	522285	1.03	1.03	10.1	10.1
fdot100y10d	P600	BASE	153.00	85.40	86.00	522285	1.03	1.03	10.2	10.2
fdot100y10d	P600	BASE	154.50	85.40	86.00	522285	1.03	1.03	10.3	10.3
fdot100y10d	P600	BASE	156.00	85.40	86.00	522285	1.03	1.03	10.5	10.5
fdot100y10d	P600	BASE	157.50	85.40	86.00	522285	1.03	1.03	10.6	10.6
fdot100y10d	P600	BASE	159.00	85.40	86.00	522285	1.03	1.03	10.7	10.7
fdot100y10d	P600	BASE	160.50	85.40	86.00	522285	1.04	1.04	10.9	10.9
fdot100y10d	P600	BASE	162.00	85.40	86.00	522285	1.04	1.04	11.0	11.0
fdot100y10d	P600	BASE	163.50	85.40	86.00	522285	1.04	1.04	11.1	11.1
fdot100y10d	P600	BASE	165.00	85.40	86.00	522285	1.04	1.04	11.2	11.2
fdot100y10d	P600	BASE	166.50	85.40	86.00	522285	1.04	1.04	11.4	11.4
fdot100y10d	P600	BASE	168.00	85.40	86.00	522285	1.05	1.05	11.5	11.5
fdot100y10d	P600	BASE	169.50	85.40	86.00	522285	3.70	3.69	11.8	11.8
fdot100y10d	P600	BASE	171.00	85.40	86.00	522285	3.78	3.78	12.3	12.3
fdot100y10d	P600	BASE	172.50	85.40	86.00	522285	3.80	3.80	12.7	12.7
fdot100y10d	P600	BASE	174.00	85.40	86.00	522285	3.81	3.81	13.2	13.2
fdot100y10d	P600	BASE	175.50	85.41	86.00	522341	3.82	2.13	13.7	13.6
fdot100y10d	P600	BASE	177.00	85.47	86.00	522687	13.21	1.68	14.7	13.8
fdot100y10d	P600	BASE	178.50	85.60	86.00	523456	14.78	1.53	16.5	14.0
fdot100y10d	P600	BASE	180.00	85.74	86.00	524254	14.87	1.44	18.3	14.2
fdot100y10d	P600	BASE	181.50	85.88	86.00	525062	14.95	1.39	20.2	14.4
fdot100y10d	P600	BASE	183.00	86.02	86.00	525875	15.02	1.47	22.0	14.5
fdot100y10d	P600	BASE	184.50	86.13	86.00	526552	7.81	3.66	23.4	14.9
fdot100y10d	P600	BASE	186.00	86.14	86.00	526581	2.85	3.63	24.1	15.3
fdot100y10d	P600	BASE	187.50	86.13	86.00	526543	2.85	3.37	24.4	15.7
fdot100y10d	P600	BASE	189.00	86.13	86.00	526518	2.85	3.19	24.8	16.2
fdot100y10d	P600	BASE	190.50	86.13	86.00	526502	2.86	3.07	25.1	16.5
fdot100y10d	P600	BASE	192.00	86.12	86.00	526492	2.86	2.98	25.5	16.9
fdot100y10d	P600	BASE	193.50	86.12	86.00	526450	1.84	2.75	25.8	17.3
fdot100y10d	P600	BASE	195.00	86.11	86.00	526401	1.81	2.52	26.0	17.6
fdot100y10d	P600	BASE	196.50	86.10	86.00	526365	1.82	2.34	26.2	17.9
fdot100y10d	P600	BASE	198.00	86.10	86.00	526338	1.82	2.21	26.5	18.2
fdot100y10d	P600	BASE	199.50	86.09	86.00	526317	1.82	2.11	26.7	18.4
fdot100y10d	P600	BASE	201.00	86.09	86.00	526302	1.81	2.03	26.9	18.7
fdot100y10d	P600	BASE	201.25	86.09	86.00	526300	1.81	2.02	27.0	18.7
fdot100y10d	P600	BASE	201.50	86.09	86.00	526298	1.81	2.01	27.0	18.8
fdot100y10d	P600	BASE	201.75	86.09	86.00	526296	1.81	2.00	27.0	18.8
fdot100y10d	P600	BASE	202.00	86.09	86.00	526294	1.81	1.99	27.1	18.9
fdot100y10d	P600	BASE	202.25	86.09	86.00	526293	1.81	1.98	27.1	18.9
fdot100y10d	P600	BASE	202.50	86.09	86.00	526291	1.81	1.97	27.1	19.0
fdot100y10d	P600	BASE	202.75	86.09	86.00	526289	1.81	1.96	27.2	19.0
fdot100y10d	P600	BASE	203.00	86.09	86.00	526288	1.81	1.95	27.2	19.0
fdot100y10d	P600	BASE	203.25	86.09	86.00	526287	1.81	1.95	27.3	19.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	203.50	86.09	86.00	526285	1.81	1.94	27.3	19.1
fdot100y10d	P600	BASE	203.75	86.09	86.00	526284	1.81	1.93	27.3	19.2
fdot100y10d	P600	BASE	204.00	86.09	86.00	526283	1.81	1.92	27.4	19.2
fdot100y10d	P600	BASE	204.25	86.09	86.00	526282	1.81	1.92	27.4	19.2
fdot100y10d	P600	BASE	204.50	86.09	86.00	526281	1.81	1.91	27.4	19.3
fdot100y10d	P600	BASE	204.75	86.09	86.00	526280	1.81	1.91	27.5	19.3
fdot100y10d	P600	BASE	205.00	86.09	86.00	526279	1.81	1.90	27.5	19.4
fdot100y10d	P600	BASE	205.25	86.09	86.00	526278	1.81	1.89	27.6	19.4
fdot100y10d	P600	BASE	205.50	86.09	86.00	526277	1.81	1.89	27.6	19.4
fdot100y10d	P600	BASE	205.75	86.09	86.00	526277	1.81	1.88	27.6	19.5
fdot100y10d	P600	BASE	206.00	86.09	86.00	526276	1.81	1.88	27.7	19.5
fdot100y10d	P600	BASE	206.25	86.09	86.00	526275	1.81	1.87	27.7	19.5
fdot100y10d	P600	BASE	206.50	86.09	86.00	526275	1.81	1.87	27.7	19.6
fdot100y10d	P600	BASE	206.75	86.09	86.00	526274	1.81	1.87	27.8	19.6
fdot100y10d	P600	BASE	207.00	86.09	86.00	526274	1.81	1.86	27.8	19.7
fdot100y10d	P600	BASE	207.25	86.09	86.00	526273	1.81	1.86	27.9	19.7
fdot100y10d	P600	BASE	207.50	86.09	86.00	526273	1.81	1.85	27.9	19.7
fdot100y10d	P600	BASE	207.75	86.09	86.00	526272	1.81	1.85	27.9	19.8
fdot100y10d	P600	BASE	208.00	86.09	86.00	526272	1.81	1.85	28.0	19.8
fdot100y10d	P600	BASE	208.25	86.09	86.00	526272	1.83	1.84	28.0	19.9
fdot100y10d	P600	BASE	208.50	86.09	86.00	526272	1.85	1.84	28.0	19.9
fdot100y10d	P600	BASE	208.75	86.09	86.00	526272	1.86	1.84	28.1	19.9
fdot100y10d	P600	BASE	209.00	86.09	86.00	526272	1.87	1.84	28.1	20.0
fdot100y10d	P600	BASE	209.25	86.09	86.00	526273	1.87	1.84	28.2	20.0
fdot100y10d	P600	BASE	209.50	86.09	86.00	526273	1.87	1.84	28.2	20.0
fdot100y10d	P600	BASE	209.75	86.09	86.00	526273	1.87	1.84	28.2	20.1
fdot100y10d	P600	BASE	210.00	86.09	86.00	526274	1.88	1.84	28.3	20.1
fdot100y10d	P600	BASE	210.25	86.09	86.00	526274	1.88	1.84	28.3	20.2
fdot100y10d	P600	BASE	210.50	86.09	86.00	526274	1.88	1.84	28.4	20.2
fdot100y10d	P600	BASE	210.75	86.09	86.00	526275	1.88	1.83	28.4	20.2
fdot100y10d	P600	BASE	211.00	86.09	86.00	526275	1.88	1.83	28.4	20.3
fdot100y10d	P600	BASE	211.25	86.09	86.00	526276	1.88	1.83	28.5	20.3
fdot100y10d	P600	BASE	211.50	86.09	86.00	526276	1.88	1.83	28.5	20.3
fdot100y10d	P600	BASE	211.75	86.09	86.00	526276	1.88	1.83	28.5	20.4
fdot100y10d	P600	BASE	212.00	86.09	86.00	526277	1.88	1.83	28.6	20.4
fdot100y10d	P600	BASE	212.25	86.09	86.00	526277	1.88	1.83	28.6	20.5
fdot100y10d	P600	BASE	212.50	86.09	86.00	526278	1.88	1.83	28.7	20.5
fdot100y10d	P600	BASE	212.75	86.09	86.00	526278	1.88	1.83	28.7	20.5
fdot100y10d	P600	BASE	213.00	86.09	86.00	526279	1.88	1.83	28.7	20.6
fdot100y10d	P600	BASE	213.25	86.09	86.00	526279	1.88	1.83	28.8	20.6
fdot100y10d	P600	BASE	213.50	86.09	86.00	526279	1.88	1.83	28.8	20.7
fdot100y10d	P600	BASE	213.75	86.09	86.00	526280	1.88	1.83	28.9	20.7
fdot100y10d	P600	BASE	214.00	86.09	86.00	526280	1.88	1.83	28.9	20.7
fdot100y10d	P600	BASE	214.25	86.09	86.00	526281	1.88	1.83	28.9	20.8
fdot100y10d	P600	BASE	214.50	86.09	86.00	526281	1.88	1.83	29.0	20.8
fdot100y10d	P600	BASE	214.75	86.09	86.00	526282	1.88	1.83	29.0	20.8
fdot100y10d	P600	BASE	215.00	86.09	86.00	526282	1.88	1.83	29.1	20.9
fdot100y10d	P600	BASE	215.25	86.09	86.00	526283	1.88	1.83	29.1	20.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	215.50	86.09	86.00	526283	1.88	1.83	29.1	21.0
fdot100y10d	P600	BASE	215.75	86.09	86.00	526283	1.88	1.83	29.2	21.0
fdot100y10d	P600	BASE	216.00	86.09	86.00	526284	1.88	1.83	29.2	21.0
fdot100y10d	P600	BASE	216.25	86.09	86.00	526283	1.55	1.83	29.2	21.1
fdot100y10d	P600	BASE	216.50	86.09	86.00	526278	1.18	1.81	29.3	21.1
fdot100y10d	P600	BASE	216.75	86.09	86.00	526271	0.99	1.78	29.3	21.1
fdot100y10d	P600	BASE	217.00	86.09	86.00	526263	0.88	1.74	29.3	21.2
fdot100y10d	P600	BASE	217.25	86.08	86.00	526254	0.80	1.71	29.3	21.2
fdot100y10d	P600	BASE	217.50	86.08	86.00	526245	0.75	1.67	29.3	21.2
fdot100y10d	P600	BASE	217.75	86.08	86.00	526236	0.73	1.64	29.4	21.3
fdot100y10d	P600	BASE	218.00	86.08	86.00	526227	0.72	1.60	29.4	21.3
fdot100y10d	P600	BASE	218.25	86.08	86.00	526218	0.72	1.57	29.4	21.3
fdot100y10d	P600	BASE	218.50	86.08	86.00	526210	0.72	1.54	29.4	21.4
fdot100y10d	P600	BASE	218.75	86.07	86.00	526202	0.72	1.51	29.4	21.4
fdot100y10d	P600	BASE	219.00	86.07	86.00	526194	0.72	1.48	29.4	21.4
fdot100y10d	P600	BASE	219.25	86.07	86.00	526187	0.72	1.46	29.4	21.5
fdot100y10d	P600	BASE	219.50	86.07	86.00	526180	0.72	1.43	29.5	21.5
fdot100y10d	P600	BASE	219.75	86.07	86.00	526173	0.72	1.41	29.5	21.5
fdot100y10d	P600	BASE	220.00	86.07	86.00	526166	0.72	1.38	29.5	21.6
fdot100y10d	P600	BASE	220.25	86.07	86.00	526160	0.72	1.36	29.5	21.6
fdot100y10d	P600	BASE	220.50	86.07	86.00	526153	0.72	1.34	29.5	21.6
fdot100y10d	P600	BASE	220.75	86.07	86.00	526147	0.72	1.32	29.5	21.6
fdot100y10d	P600	BASE	221.00	86.06	86.00	526141	0.72	1.30	29.6	21.7
fdot100y10d	P600	BASE	221.25	86.06	86.00	526136	0.72	1.28	29.6	21.7
fdot100y10d	P600	BASE	221.50	86.06	86.00	526130	0.72	1.26	29.6	21.7
fdot100y10d	P600	BASE	221.75	86.06	86.00	526125	0.72	1.24	29.6	21.8
fdot100y10d	P600	BASE	222.00	86.06	86.00	526120	0.72	1.22	29.6	21.8
fdot100y10d	P600	BASE	222.25	86.06	86.00	526115	0.72	1.21	29.6	21.8
fdot100y10d	P600	BASE	222.50	86.06	86.00	526110	0.72	1.19	29.6	21.8
fdot100y10d	P600	BASE	222.75	86.06	86.00	526105	0.72	1.18	29.7	21.9
fdot100y10d	P600	BASE	223.00	86.06	86.00	526101	0.72	1.16	29.7	21.9
fdot100y10d	P600	BASE	223.25	86.06	86.00	526097	0.72	1.15	29.7	21.9
fdot100y10d	P600	BASE	223.50	86.06	86.00	526092	0.72	1.13	29.7	21.9
fdot100y10d	P600	BASE	223.75	86.05	86.00	526088	0.72	1.12	29.7	21.9
fdot100y10d	P600	BASE	224.00	86.05	86.00	526084	0.72	1.11	29.7	22.0
fdot100y10d	P600	BASE	224.25	86.05	86.00	526081	0.72	1.10	29.7	22.0
fdot100y10d	P600	BASE	224.50	86.05	86.00	526077	0.72	1.09	29.8	22.0
fdot100y10d	P600	BASE	224.75	86.05	86.00	526073	0.72	1.07	29.8	22.0
fdot100y10d	P600	BASE	225.00	86.05	86.00	526070	0.72	1.06	29.8	22.1
fdot100y10d	P600	BASE	225.25	86.05	86.00	526066	0.72	1.05	29.8	22.1
fdot100y10d	P600	BASE	225.50	86.05	86.00	526063	0.72	1.04	29.8	22.1
fdot100y10d	P600	BASE	225.75	86.05	86.00	526060	0.72	1.03	29.8	22.1
fdot100y10d	P600	BASE	226.00	86.05	86.00	526057	0.72	1.02	29.8	22.1
fdot100y10d	P600	BASE	226.25	86.05	86.00	526054	0.72	1.01	29.9	22.2
fdot100y10d	P600	BASE	226.50	86.05	86.00	526051	0.72	1.00	29.9	22.2
fdot100y10d	P600	BASE	226.75	86.05	86.00	526048	0.72	0.99	29.9	22.2
fdot100y10d	P600	BASE	227.00	86.05	86.00	526045	0.72	0.99	29.9	22.2
fdot100y10d	P600	BASE	227.25	86.05	86.00	526043	0.72	0.98	29.9	22.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	227.50	86.05	86.00	526040	0.72	0.97	29.9	22.3
fdot100y10d	P600	BASE	227.75	86.05	86.00	526038	0.72	0.96	30.0	22.3
fdot100y10d	P600	BASE	228.00	86.05	86.00	526035	0.72	0.96	30.0	22.3
fdot100y10d	P600	BASE	228.25	86.05	86.00	526033	0.72	0.95	30.0	22.3
fdot100y10d	P600	BASE	228.50	86.05	86.00	526031	0.72	0.94	30.0	22.3
fdot100y10d	P600	BASE	228.75	86.04	86.00	526028	0.72	0.93	30.0	22.4
fdot100y10d	P600	BASE	229.00	86.04	86.00	526026	0.72	0.93	30.0	22.4
fdot100y10d	P600	BASE	229.25	86.04	86.00	526024	0.72	0.92	30.0	22.4
fdot100y10d	P600	BASE	229.50	86.04	86.00	526022	0.72	0.92	30.1	22.4
fdot100y10d	P600	BASE	229.75	86.04	86.00	526020	0.72	0.91	30.1	22.4
fdot100y10d	P600	BASE	230.00	86.04	86.00	526018	0.72	0.90	30.1	22.5
fdot100y10d	P600	BASE	230.25	86.04	86.00	526017	0.72	0.90	30.1	22.5
fdot100y10d	P600	BASE	230.50	86.04	86.00	526015	0.72	0.89	30.1	22.5
fdot100y10d	P600	BASE	230.75	86.04	86.00	526013	0.72	0.89	30.1	22.5
fdot100y10d	P600	BASE	231.00	86.04	86.00	526011	0.72	0.88	30.1	22.5
fdot100y10d	P600	BASE	231.25	86.04	86.00	526010	0.72	0.88	30.2	22.6
fdot100y10d	P600	BASE	231.50	86.04	86.00	526008	0.72	0.87	30.2	22.6
fdot100y10d	P600	BASE	231.75	86.04	86.00	526007	0.72	0.87	30.2	22.6
fdot100y10d	P600	BASE	232.00	86.04	86.00	526005	0.72	0.86	30.2	22.6
fdot100y10d	P600	BASE	232.25	86.04	86.00	526004	0.73	0.86	30.2	22.6
fdot100y10d	P600	BASE	232.50	86.04	86.00	526003	0.75	0.85	30.2	22.6
fdot100y10d	P600	BASE	232.75	86.04	86.00	526002	0.76	0.85	30.3	22.7
fdot100y10d	P600	BASE	233.00	86.04	86.00	526001	0.77	0.85	30.3	22.7
fdot100y10d	P600	BASE	233.25	86.04	86.00	526000	0.77	0.85	30.3	22.7
fdot100y10d	P600	BASE	233.50	86.04	86.00	525999	0.77	0.84	30.3	22.7
fdot100y10d	P600	BASE	233.75	86.04	86.00	525999	0.77	0.84	30.3	22.7
fdot100y10d	P600	BASE	234.00	86.04	86.00	525998	0.77	0.84	30.3	22.7
fdot100y10d	P600	BASE	234.25	86.04	86.00	525997	0.77	0.84	30.3	22.8
fdot100y10d	P600	BASE	234.50	86.04	86.00	525997	0.77	0.83	30.4	22.8
fdot100y10d	P600	BASE	234.75	86.04	86.00	525996	0.77	0.83	30.4	22.8
fdot100y10d	P600	BASE	235.00	86.04	86.00	525996	0.77	0.83	30.4	22.8
fdot100y10d	P600	BASE	235.25	86.04	86.00	525995	0.77	0.83	30.4	22.8
fdot100y10d	P600	BASE	235.50	86.04	86.00	525995	0.77	0.83	30.4	22.9
fdot100y10d	P600	BASE	235.75	86.04	86.00	525994	0.77	0.82	30.4	22.9
fdot100y10d	P600	BASE	236.00	86.04	86.00	525994	0.77	0.82	30.5	22.9
fdot100y10d	P600	BASE	236.25	86.04	86.00	525993	0.77	0.82	30.5	22.9
fdot100y10d	P600	BASE	236.50	86.04	86.00	525993	0.77	0.82	30.5	22.9
fdot100y10d	P600	BASE	236.75	86.04	86.00	525992	0.77	0.82	30.5	22.9
fdot100y10d	P600	BASE	237.00	86.04	86.00	525992	0.77	0.81	30.5	23.0
fdot100y10d	P600	BASE	237.25	86.04	86.00	525991	0.77	0.81	30.5	23.0
fdot100y10d	P600	BASE	237.50	86.04	86.00	525991	0.77	0.81	30.6	23.0
fdot100y10d	P600	BASE	237.75	86.04	86.00	525991	0.77	0.81	30.6	23.0
fdot100y10d	P600	BASE	238.00	86.04	86.00	525990	0.77	0.81	30.6	23.0
fdot100y10d	P600	BASE	238.25	86.04	86.00	525990	0.77	0.81	30.6	23.0
fdot100y10d	P600	BASE	238.50	86.04	86.00	525990	0.77	0.80	30.6	23.1
fdot100y10d	P600	BASE	238.75	86.04	86.00	525989	0.77	0.80	30.6	23.1
fdot100y10d	P600	BASE	239.00	86.04	86.00	525989	0.77	0.80	30.6	23.1
fdot100y10d	P600	BASE	239.25	86.04	86.00	525989	0.77	0.80	30.7	23.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	239.50	86.04	86.00	525989	0.77	0.80	30.7	23.1
fdot100y10d	P600	BASE	239.75	86.04	86.00	525988	0.77	0.80	30.7	23.1
fdot100y10d	P600	BASE	240.00	86.04	86.00	525988	0.77	0.80	30.7	23.2
fdot100y10d	P600	BASE	240.25	86.04	86.00	525987	0.54	0.79	30.7	23.2
fdot100y10d	P600	BASE	240.50	86.04	86.00	525983	0.31	0.78	30.7	23.2
fdot100y10d	P600	BASE	240.75	86.04	86.00	525978	0.21	0.77	30.7	23.2
fdot100y10d	P600	BASE	241.00	86.03	86.00	525972	0.11	0.75	30.7	23.2
fdot100y10d	P600	BASE	241.25	86.03	86.00	525966	0.06	0.73	30.7	23.2
fdot100y10d	P600	BASE	241.50	86.03	86.00	525959	0.02	0.72	30.7	23.2
fdot100y10d	P600	BASE	241.75	86.03	86.00	525952	0.01	0.70	30.7	23.3
fdot100y10d	P600	BASE	242.00	86.03	86.00	525945	0.00	0.68	30.7	23.3
fdot100y10d	P600	BASE	242.25	86.03	86.00	525938	0.00	0.67	30.7	23.3
fdot100y10d	P600	BASE	242.50	86.03	86.00	525932	0.00	0.65	30.7	23.3
fdot100y10d	P600	BASE	242.75	86.03	86.00	525925	0.00	0.64	30.7	23.3
fdot100y10d	P600	BASE	243.00	86.03	86.00	525919	0.00	0.62	30.7	23.3
fdot100y10d	P600	BASE	243.25	86.02	86.00	525913	0.00	0.61	30.7	23.3
fdot100y10d	P600	BASE	243.50	86.02	86.00	525907	0.00	0.60	30.7	23.4
fdot100y10d	P600	BASE	243.75	86.02	86.00	525901	0.00	0.59	30.7	23.4
fdot100y10d	P600	BASE	244.00	86.02	86.00	525895	0.00	0.57	30.7	23.4
fdot100y10d	P600	BASE	244.25	86.02	86.00	525890	0.00	0.56	30.7	23.4
fdot100y10d	P600	BASE	244.50	86.02	86.00	525884	0.00	0.55	30.7	23.4
fdot100y10d	P600	BASE	244.75	86.02	86.00	525879	0.00	0.54	30.7	23.4
fdot100y10d	P600	BASE	245.00	86.02	86.00	525873	0.00	0.53	30.7	23.4
fdot100y10d	P600	BASE	245.25	86.02	86.00	525868	0.00	0.52	30.7	23.4
fdot100y10d	P600	BASE	245.50	86.02	86.00	525863	0.00	0.51	30.7	23.4
fdot100y10d	P600	BASE	245.75	86.02	86.00	525858	0.00	0.50	30.7	23.5
fdot100y10d	P600	BASE	246.00	86.01	86.00	525853	0.00	0.50	30.7	23.5
fdot100y10d	P600	BASE	246.25	86.01	86.00	525848	0.00	0.49	30.7	23.5
fdot100y10d	P600	BASE	246.50	86.01	86.00	525843	0.00	0.48	30.7	23.5
fdot100y10d	P600	BASE	246.75	86.01	86.00	525839	0.00	0.47	30.7	23.5
fdot100y10d	P600	BASE	247.00	86.01	86.00	525834	0.00	0.47	30.7	23.5
fdot100y10d	P600	BASE	247.25	86.01	86.00	525829	0.00	0.46	30.7	23.5
fdot100y10d	P600	BASE	247.50	86.01	86.00	525825	0.00	0.45	30.7	23.5
fdot100y10d	P600	BASE	247.75	86.01	86.00	525820	0.00	0.45	30.7	23.5
fdot100y10d	P600	BASE	248.00	86.01	86.00	525816	0.00	0.44	30.7	23.5
fdot100y10d	P600	BASE	248.25	86.01	86.00	525811	0.00	0.44	30.7	23.6
fdot100y10d	P600	BASE	248.50	86.01	86.00	525807	0.00	0.43	30.7	23.6
fdot100y10d	P600	BASE	248.75	86.01	86.00	525803	0.00	0.43	30.7	23.6
fdot100y10d	P600	BASE	249.00	86.01	86.00	525799	0.00	0.42	30.7	23.6
fdot100y10d	P600	BASE	249.25	86.00	86.00	525795	0.00	0.42	30.7	23.6
fdot100y10d	P600	BASE	249.50	86.00	86.00	525790	0.00	0.41	30.7	23.6
fdot100y10d	P600	BASE	249.75	86.00	86.00	525786	0.00	0.41	30.7	23.6
fdot100y10d	P600	BASE	250.00	86.00	86.00	525782	0.00	0.41	30.7	23.6
fdot100y10d	P600	BASE	250.25	86.00	86.00	525778	0.00	0.40	30.7	23.6
fdot100y10d	P600	BASE	250.50	86.00	86.00	525774	0.00	0.40	30.7	23.6
fdot100y10d	P600	BASE	250.75	86.00	86.00	525770	0.00	0.40	30.7	23.6
fdot100y10d	P600	BASE	251.00	86.00	86.00	525766	0.00	0.40	30.7	23.6
fdot100y10d	P600	BASE	251.25	86.00	86.00	525762	0.00	0.40	30.7	23.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	251.50	86.00	86.00	525758	0.00	0.40	30.7	23.7
fdot100y10d	P600	BASE	251.75	86.00	86.00	525754	0.00	0.40	30.7	23.7
fdot100y10d	P600	BASE	252.00	86.00	86.00	525751	0.00	0.40	30.7	23.7
fdot100y10d	P600	BASE	252.25	86.00	86.00	525747	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	252.50	86.00	86.00	525743	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	252.75	85.99	86.00	525739	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	253.00	85.99	86.00	525735	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	253.25	85.99	86.00	525731	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	253.50	85.99	86.00	525727	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	253.75	85.99	86.00	525723	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	254.00	85.99	86.00	525719	0.00	0.39	30.7	23.7
fdot100y10d	P600	BASE	254.25	85.99	86.00	525715	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	254.50	85.99	86.00	525712	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	254.75	85.99	86.00	525708	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	255.00	85.99	86.00	525704	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	255.25	85.99	86.00	525700	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	255.50	85.99	86.00	525696	0.00	0.39	30.7	23.8
fdot100y10d	P600	BASE	255.75	85.99	86.00	525692	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	256.00	85.99	86.00	525689	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	256.25	85.99	86.00	525685	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	256.50	85.98	86.00	525681	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	256.75	85.98	86.00	525677	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	257.00	85.98	86.00	525673	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	257.25	85.98	86.00	525670	0.00	0.38	30.7	23.8
fdot100y10d	P600	BASE	257.50	85.98	86.00	525666	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	257.75	85.98	86.00	525662	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	258.00	85.98	86.00	525658	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	258.25	85.98	86.00	525654	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	258.50	85.98	86.00	525651	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	258.75	85.98	86.00	525647	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	259.00	85.98	86.00	525643	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	259.25	85.98	86.00	525640	0.00	0.38	30.7	23.9
fdot100y10d	P600	BASE	259.50	85.98	86.00	525636	0.00	0.37	30.7	23.9
fdot100y10d	P600	BASE	259.75	85.98	86.00	525632	0.00	0.37	30.7	23.9
fdot100y10d	P600	BASE	260.00	85.98	86.00	525628	0.00	0.37	30.7	23.9
fdot100y10d	P600	BASE	260.25	85.98	86.00	525625	0.00	0.37	30.7	23.9
fdot100y10d	P600	BASE	260.50	85.97	86.00	525621	0.00	0.37	30.7	23.9
fdot100y10d	P600	BASE	260.75	85.97	86.00	525617	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	261.00	85.97	86.00	525614	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	261.25	85.97	86.00	525610	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	261.50	85.97	86.00	525606	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	261.75	85.97	86.00	525602	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	262.00	85.97	86.00	525599	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	262.25	85.97	86.00	525595	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	262.50	85.97	86.00	525592	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	262.75	85.97	86.00	525588	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	263.00	85.97	86.00	525584	0.00	0.37	30.7	24.0
fdot100y10d	P600	BASE	263.25	85.97	86.00	525581	0.00	0.37	30.7	24.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	263.50	85.97	86.00	525577	0.00	0.36	30.7	24.0
fdot100y10d	P600	BASE	263.75	85.97	86.00	525573	0.00	0.36	30.7	24.0
fdot100y10d	P600	BASE	264.00	85.97	86.00	525570	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	264.25	85.97	86.00	525566	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	264.50	85.96	86.00	525562	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	264.75	85.96	86.00	525559	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	265.00	85.96	86.00	525555	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	265.25	85.96	86.00	525552	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	265.50	85.96	86.00	525548	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	265.75	85.96	86.00	525545	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	266.00	85.96	86.00	525541	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	266.25	85.96	86.00	525537	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	266.50	85.96	86.00	525534	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	266.75	85.96	86.00	525530	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	267.00	85.96	86.00	525527	0.00	0.36	30.7	24.1
fdot100y10d	P600	BASE	267.25	85.96	86.00	525523	0.00	0.36	30.7	24.2
fdot100y10d	P600	BASE	267.50	85.96	86.00	525520	0.00	0.36	30.7	24.2
fdot100y10d	P600	BASE	267.75	85.96	86.00	525516	0.00	0.36	30.7	24.2
fdot100y10d	P600	BASE	268.00	85.96	86.00	525513	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	268.25	85.96	86.00	525509	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	268.50	85.95	86.00	525505	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	268.75	85.95	86.00	525502	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	269.00	85.95	86.00	525498	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	269.25	85.95	86.00	525495	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	269.50	85.95	86.00	525491	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	269.75	85.95	86.00	525488	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	270.00	85.95	86.00	525484	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	270.25	85.95	86.00	525481	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	270.50	85.95	86.00	525478	0.00	0.35	30.7	24.2
fdot100y10d	P600	BASE	270.75	85.95	86.00	525474	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	271.00	85.95	86.00	525471	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	271.25	85.95	86.00	525467	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	271.50	85.95	86.00	525464	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	271.75	85.95	86.00	525460	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	272.00	85.95	86.00	525457	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	272.25	85.95	86.00	525453	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	272.50	85.95	86.00	525450	0.00	0.35	30.7	24.3
fdot100y10d	P600	BASE	272.75	85.94	86.00	525446	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	273.00	85.94	86.00	525443	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	273.25	85.94	86.00	525440	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	273.50	85.94	86.00	525436	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	273.75	85.94	86.00	525433	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	274.00	85.94	86.00	525429	0.00	0.34	30.7	24.3
fdot100y10d	P600	BASE	274.25	85.94	86.00	525426	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	274.50	85.94	86.00	525423	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	274.75	85.94	86.00	525419	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	275.00	85.94	86.00	525416	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	275.25	85.94	86.00	525412	0.00	0.34	30.7	24.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	275.50	85.94	86.00	525409	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	275.75	85.94	86.00	525406	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	276.00	85.94	86.00	525402	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	276.25	85.94	86.00	525399	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	276.50	85.94	86.00	525396	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	276.75	85.94	86.00	525392	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	277.00	85.93	86.00	525389	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	277.25	85.93	86.00	525386	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	277.50	85.93	86.00	525382	0.00	0.34	30.7	24.4
fdot100y10d	P600	BASE	277.75	85.93	86.00	525379	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	278.00	85.93	86.00	525376	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	278.25	85.93	86.00	525372	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	278.50	85.93	86.00	525369	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	278.75	85.93	86.00	525366	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	279.00	85.93	86.00	525362	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	279.25	85.93	86.00	525359	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	279.50	85.93	86.00	525356	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	279.75	85.93	86.00	525352	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	280.00	85.93	86.00	525349	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	280.25	85.93	86.00	525346	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	280.50	85.93	86.00	525343	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	280.75	85.93	86.00	525339	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	281.00	85.93	86.00	525336	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	281.25	85.92	86.00	525333	0.00	0.33	30.7	24.5
fdot100y10d	P600	BASE	281.50	85.92	86.00	525329	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	281.75	85.92	86.00	525326	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	282.00	85.92	86.00	525323	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	282.25	85.92	86.00	525320	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	282.50	85.92	86.00	525316	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	282.75	85.92	86.00	525313	0.00	0.33	30.7	24.6
fdot100y10d	P600	BASE	283.00	85.92	86.00	525310	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	283.25	85.92	86.00	525307	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	283.50	85.92	86.00	525304	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	283.75	85.92	86.00	525300	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	284.00	85.92	86.00	525297	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	284.25	85.92	86.00	525294	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	284.50	85.92	86.00	525291	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	284.75	85.92	86.00	525287	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	285.00	85.92	86.00	525284	0.00	0.32	30.7	24.6
fdot100y10d	P600	BASE	285.25	85.92	86.00	525281	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	285.50	85.92	86.00	525278	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	285.75	85.91	86.00	525275	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	286.00	85.91	86.00	525272	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	286.25	85.91	86.00	525268	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	286.50	85.91	86.00	525265	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	286.75	85.91	86.00	525262	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	287.00	85.91	86.00	525259	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	287.25	85.91	86.00	525256	0.00	0.32	30.7	24.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	287.50	85.91	86.00	525253	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	287.75	85.91	86.00	525249	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	288.00	85.91	86.00	525246	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	288.25	85.91	86.00	525243	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	288.50	85.91	86.00	525240	0.00	0.32	30.7	24.7
fdot100y10d	P600	BASE	288.75	85.91	86.00	525237	0.00	0.31	30.7	24.7
fdot100y10d	P600	BASE	289.00	85.91	86.00	525234	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	289.25	85.91	86.00	525231	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	289.50	85.91	86.00	525227	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	289.75	85.91	86.00	525224	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	290.00	85.91	86.00	525221	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	290.25	85.91	86.00	525218	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	290.50	85.90	86.00	525215	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	290.75	85.90	86.00	525212	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	291.00	85.90	86.00	525209	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	291.25	85.90	86.00	525206	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	291.50	85.90	86.00	525203	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	291.75	85.90	86.00	525199	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	292.00	85.90	86.00	525196	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	292.25	85.90	86.00	525193	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	292.50	85.90	86.00	525190	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	292.75	85.90	86.00	525187	0.00	0.31	30.7	24.8
fdot100y10d	P600	BASE	293.00	85.90	86.00	525184	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	293.25	85.90	86.00	525181	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	293.50	85.90	86.00	525178	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	293.75	85.90	86.00	525175	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	294.00	85.90	86.00	525172	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	294.25	85.90	86.00	525169	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	294.50	85.90	86.00	525166	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	294.75	85.90	86.00	525163	0.00	0.31	30.7	24.9
fdot100y10d	P600	BASE	295.00	85.90	86.00	525160	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	295.25	85.89	86.00	525157	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	295.50	85.89	86.00	525154	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	295.75	85.89	86.00	525151	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	296.00	85.89	86.00	525148	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	296.25	85.89	86.00	525145	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	296.50	85.89	86.00	525142	0.00	0.30	30.7	24.9
fdot100y10d	P600	BASE	296.75	85.89	86.00	525139	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	297.00	85.89	86.00	525136	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	297.25	85.89	86.00	525133	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	297.50	85.89	86.00	525130	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	297.75	85.89	86.00	525127	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	298.00	85.89	86.00	525124	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	298.25	85.89	86.00	525121	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	298.50	85.89	86.00	525118	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	298.75	85.89	86.00	525115	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	299.00	85.89	86.00	525112	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	299.25	85.89	86.00	525109	0.00	0.30	30.7	25.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	299.50	85.89	86.00	525106	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	299.75	85.89	86.00	525103	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	300.00	85.88	86.00	525100	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	300.25	85.88	86.00	525097	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	300.50	85.88	86.00	525094	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	300.75	85.88	86.00	525091	0.00	0.30	30.7	25.0
fdot100y10d	P600	BASE	301.00	85.88	86.00	525088	0.00	0.30	30.7	25.1
fdot100y10d	P600	BASE	301.25	85.88	86.00	525085	0.00	0.30	30.7	25.1
fdot100y10d	P600	BASE	301.50	85.88	86.00	525082	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	301.75	85.88	86.00	525079	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	302.00	85.88	86.00	525076	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	302.25	85.88	86.00	525073	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	302.50	85.88	86.00	525070	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	302.75	85.88	86.00	525068	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	303.00	85.88	86.00	525065	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	303.25	85.88	86.00	525062	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	303.50	85.88	86.00	525059	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	303.75	85.88	86.00	525056	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	304.00	85.88	86.00	525053	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	304.25	85.88	86.00	525050	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	304.50	85.88	86.00	525047	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	304.75	85.88	86.00	525044	0.00	0.29	30.7	25.1
fdot100y10d	P600	BASE	305.00	85.87	86.00	525041	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	305.25	85.87	86.00	525039	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	305.50	85.87	86.00	525036	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	305.75	85.87	86.00	525033	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	306.00	85.87	86.00	525030	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	306.25	85.87	86.00	525027	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	306.50	85.87	86.00	525024	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	306.75	85.87	86.00	525021	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	307.00	85.87	86.00	525018	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	307.25	85.87	86.00	525016	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	307.50	85.87	86.00	525013	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	307.75	85.87	86.00	525010	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	308.00	85.87	86.00	525007	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	308.25	85.87	86.00	525004	0.00	0.29	30.7	25.2
fdot100y10d	P600	BASE	308.50	85.87	86.00	525001	0.00	0.28	30.7	25.2
fdot100y10d	P600	BASE	308.75	85.87	86.00	524999	0.00	0.28	30.7	25.2
fdot100y10d	P600	BASE	309.00	85.87	86.00	524996	0.00	0.28	30.7	25.2
fdot100y10d	P600	BASE	309.25	85.87	86.00	524993	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	309.50	85.87	86.00	524990	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	309.75	85.87	86.00	524987	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	310.00	85.86	86.00	524984	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	310.25	85.86	86.00	524982	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	310.50	85.86	86.00	524979	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	310.75	85.86	86.00	524976	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	311.00	85.86	86.00	524973	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	311.25	85.86	86.00	524970	0.00	0.28	30.7	25.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	311.50	85.86	86.00	524968	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	311.75	85.86	86.00	524965	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	312.00	85.86	86.00	524962	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	312.25	85.86	86.00	524959	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	312.50	85.86	86.00	524956	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	312.75	85.86	86.00	524954	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	313.00	85.86	86.00	524951	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	313.25	85.86	86.00	524948	0.00	0.28	30.7	25.3
fdot100y10d	P600	BASE	313.50	85.86	86.00	524945	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	313.75	85.86	86.00	524943	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	314.00	85.86	86.00	524940	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	314.25	85.86	86.00	524937	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	314.50	85.86	86.00	524934	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	314.75	85.86	86.00	524932	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	315.00	85.86	86.00	524929	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	315.25	85.85	86.00	524926	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	315.50	85.85	86.00	524923	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	315.75	85.85	86.00	524921	0.00	0.28	30.7	25.4
fdot100y10d	P600	BASE	316.00	85.85	86.00	524918	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	316.25	85.85	86.00	524915	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	316.50	85.85	86.00	524912	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	316.75	85.85	86.00	524910	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	317.00	85.85	86.00	524907	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	317.25	85.85	86.00	524904	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	317.50	85.85	86.00	524901	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	317.75	85.85	86.00	524899	0.00	0.27	30.7	25.4
fdot100y10d	P600	BASE	318.00	85.85	86.00	524896	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	318.25	85.85	86.00	524893	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	318.50	85.85	86.00	524891	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	318.75	85.85	86.00	524888	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	319.00	85.85	86.00	524885	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	319.25	85.85	86.00	524883	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	319.50	85.85	86.00	524880	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	319.75	85.85	86.00	524877	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	320.00	85.85	86.00	524874	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	320.25	85.85	86.00	524872	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	320.50	85.85	86.00	524869	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	320.75	85.84	86.00	524866	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	321.00	85.84	86.00	524864	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	321.25	85.84	86.00	524861	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	321.50	85.84	86.00	524858	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	321.75	85.84	86.00	524856	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	322.00	85.84	86.00	524853	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	322.25	85.84	86.00	524850	0.00	0.27	30.7	25.5
fdot100y10d	P600	BASE	322.50	85.84	86.00	524848	0.00	0.27	30.7	25.6
fdot100y10d	P600	BASE	322.75	85.84	86.00	524845	0.00	0.27	30.7	25.6
fdot100y10d	P600	BASE	323.00	85.84	86.00	524842	0.00	0.27	30.7	25.6
fdot100y10d	P600	BASE	323.25	85.84	86.00	524840	0.00	0.27	30.7	25.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	323.50	85.84	86.00	524837	0.00	0.27	30.7	25.6
fdot100y10d	P600	BASE	323.75	85.84	86.00	524835	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	324.00	85.84	86.00	524832	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	324.25	85.84	86.00	524829	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	324.50	85.84	86.00	524827	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	324.75	85.84	86.00	524824	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	325.00	85.84	86.00	524821	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	325.25	85.84	86.00	524819	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	325.50	85.84	86.00	524816	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	325.75	85.84	86.00	524814	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	326.00	85.84	86.00	524811	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	326.25	85.83	86.00	524808	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	326.50	85.83	86.00	524806	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	326.75	85.83	86.00	524803	0.00	0.26	30.7	25.6
fdot100y10d	P600	BASE	327.00	85.83	86.00	524800	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	327.25	85.83	86.00	524798	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	327.50	85.83	86.00	524795	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	327.75	85.83	86.00	524793	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	328.00	85.83	86.00	524790	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	328.25	85.83	86.00	524788	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	328.50	85.83	86.00	524785	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	328.75	85.83	86.00	524782	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	329.00	85.83	86.00	524780	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	329.25	85.83	86.00	524777	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	329.50	85.83	86.00	524775	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	329.75	85.83	86.00	524772	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	330.00	85.83	86.00	524770	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	330.25	85.83	86.00	524767	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	330.50	85.83	86.00	524764	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	330.75	85.83	86.00	524762	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	331.00	85.83	86.00	524759	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	331.25	85.83	86.00	524757	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	331.50	85.83	86.00	524754	0.00	0.26	30.7	25.7
fdot100y10d	P600	BASE	331.75	85.82	86.00	524752	0.00	0.26	30.7	25.8
fdot100y10d	P600	BASE	332.00	85.82	86.00	524749	0.00	0.26	30.7	25.8
fdot100y10d	P600	BASE	332.25	85.82	86.00	524747	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	332.50	85.82	86.00	524744	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	332.75	85.82	86.00	524741	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	333.00	85.82	86.00	524739	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	333.25	85.82	86.00	524736	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	333.50	85.82	86.00	524734	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	333.75	85.82	86.00	524731	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	334.00	85.82	86.00	524729	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	334.25	85.82	86.00	524726	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	334.50	85.82	86.00	524724	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	334.75	85.82	86.00	524721	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	335.00	85.82	86.00	524719	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	335.25	85.82	86.00	524716	0.00	0.25	30.7	25.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	335.50	85.82	86.00	524714	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	335.75	85.82	86.00	524711	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	336.00	85.82	86.00	524709	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	336.25	85.82	86.00	524706	0.00	0.25	30.7	25.8
fdot100y10d	P600	BASE	336.50	85.82	86.00	524704	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	336.75	85.82	86.00	524701	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	337.00	85.82	86.00	524699	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	337.25	85.82	86.00	524696	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	337.50	85.81	86.00	524694	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	337.75	85.81	86.00	524691	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	338.00	85.81	86.00	524689	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	338.25	85.81	86.00	524686	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	338.50	85.81	86.00	524684	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	338.75	85.81	86.00	524681	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	339.00	85.81	86.00	524679	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	339.25	85.81	86.00	524677	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	339.50	85.81	86.00	524674	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	339.75	85.81	86.00	524672	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	340.00	85.81	86.00	524669	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	340.25	85.81	86.00	524667	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	340.50	85.81	86.00	524664	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	340.75	85.81	86.00	524662	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	341.00	85.81	86.00	524659	0.00	0.25	30.7	25.9
fdot100y10d	P600	BASE	341.25	85.81	86.00	524657	0.00	0.25	30.7	26.0
fdot100y10d	P600	BASE	341.50	85.81	86.00	524654	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	341.75	85.81	86.00	524652	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	342.00	85.81	86.00	524650	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	342.25	85.81	86.00	524647	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	342.50	85.81	86.00	524645	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	342.75	85.81	86.00	524642	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	343.00	85.81	86.00	524640	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	343.25	85.81	86.00	524637	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	343.50	85.80	86.00	524635	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	343.75	85.80	86.00	524633	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	344.00	85.80	86.00	524630	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	344.25	85.80	86.00	524628	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	344.50	85.80	86.00	524625	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	344.75	85.80	86.00	524623	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	345.00	85.80	86.00	524621	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	345.25	85.80	86.00	524618	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	345.50	85.80	86.00	524616	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	345.75	85.80	86.00	524613	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	346.00	85.80	86.00	524611	0.00	0.24	30.7	26.0
fdot100y10d	P600	BASE	346.25	85.80	86.00	524609	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	346.50	85.80	86.00	524606	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	346.75	85.80	86.00	524604	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	347.00	85.80	86.00	524601	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	347.25	85.80	86.00	524599	0.00	0.24	30.7	26.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	347.50	85.80	86.00	524597	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	347.75	85.80	86.00	524594	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	348.00	85.80	86.00	524592	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	348.25	85.80	86.00	524590	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	348.50	85.80	86.00	524587	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	348.75	85.80	86.00	524585	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	349.00	85.80	86.00	524582	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	349.25	85.80	86.00	524580	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	349.50	85.79	86.00	524578	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	349.75	85.79	86.00	524575	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	350.00	85.79	86.00	524573	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	350.25	85.79	86.00	524571	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	350.50	85.79	86.00	524568	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	350.75	85.79	86.00	524566	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	351.00	85.79	86.00	524564	0.00	0.24	30.7	26.1
fdot100y10d	P600	BASE	351.25	85.79	86.00	524561	0.00	0.23	30.7	26.1
fdot100y10d	P600	BASE	351.50	85.79	86.00	524559	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	351.75	85.79	86.00	524557	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	352.00	85.79	86.00	524554	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	352.25	85.79	86.00	524552	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	352.50	85.79	86.00	524550	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	352.75	85.79	86.00	524547	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	353.00	85.79	86.00	524545	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	353.25	85.79	86.00	524543	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	353.50	85.79	86.00	524540	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	353.75	85.79	86.00	524538	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	354.00	85.79	86.00	524536	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	354.25	85.79	86.00	524533	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	354.50	85.79	86.00	524531	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	354.75	85.79	86.00	524529	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	355.00	85.79	86.00	524526	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	355.25	85.79	86.00	524524	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	355.50	85.79	86.00	524522	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	355.75	85.78	86.00	524520	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	356.00	85.78	86.00	524517	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	356.25	85.78	86.00	524515	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	356.50	85.78	86.00	524513	0.00	0.23	30.7	26.2
fdot100y10d	P600	BASE	356.75	85.78	86.00	524510	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	357.00	85.78	86.00	524508	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	357.25	85.78	86.00	524506	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	357.50	85.78	86.00	524504	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	357.75	85.78	86.00	524501	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	358.00	85.78	86.00	524499	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	358.25	85.78	86.00	524497	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	358.50	85.78	86.00	524494	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	358.75	85.78	86.00	524492	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	359.00	85.78	86.00	524490	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	359.25	85.78	86.00	524488	0.00	0.23	30.7	26.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	359.50	85.78	86.00	524485	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	359.75	85.78	86.00	524483	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	360.00	85.78	86.00	524481	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	360.25	85.78	86.00	524479	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	360.50	85.78	86.00	524476	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	360.75	85.78	86.00	524474	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	361.00	85.78	86.00	524472	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	361.25	85.78	86.00	524470	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	361.50	85.78	86.00	524467	0.00	0.23	30.7	26.3
fdot100y10d	P600	BASE	361.75	85.78	86.00	524465	0.00	0.22	30.7	26.3
fdot100y10d	P600	BASE	362.00	85.78	86.00	524463	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	362.25	85.77	86.00	524461	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	362.50	85.77	86.00	524458	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	362.75	85.77	86.00	524456	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	363.00	85.77	86.00	524454	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	363.25	85.77	86.00	524452	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	363.50	85.77	86.00	524450	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	363.75	85.77	86.00	524447	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	364.00	85.77	86.00	524445	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	364.25	85.77	86.00	524443	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	364.50	85.77	86.00	524441	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	364.75	85.77	86.00	524438	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	365.00	85.77	86.00	524436	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	365.25	85.77	86.00	524434	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	365.50	85.77	86.00	524432	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	365.75	85.77	86.00	524430	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	366.00	85.77	86.00	524427	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	366.25	85.77	86.00	524425	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	366.50	85.77	86.00	524423	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	366.75	85.77	86.00	524421	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	367.00	85.77	86.00	524419	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	367.25	85.77	86.00	524416	0.00	0.22	30.7	26.4
fdot100y10d	P600	BASE	367.50	85.77	86.00	524414	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	367.75	85.77	86.00	524412	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	368.00	85.77	86.00	524410	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	368.25	85.77	86.00	524408	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	368.50	85.77	86.00	524405	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	368.75	85.76	86.00	524403	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	369.00	85.76	86.00	524401	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	369.25	85.76	86.00	524399	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	369.50	85.76	86.00	524397	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	369.75	85.76	86.00	524395	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	370.00	85.76	86.00	524392	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	370.25	85.76	86.00	524390	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	370.50	85.76	86.00	524388	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	370.75	85.76	86.00	524386	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	371.00	85.76	86.00	524384	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	371.25	85.76	86.00	524382	0.00	0.22	30.7	26.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	371.50	85.76	86.00	524379	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	371.75	85.76	86.00	524377	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	372.00	85.76	86.00	524375	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	372.25	85.76	86.00	524373	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	372.50	85.76	86.00	524371	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	372.75	85.76	86.00	524369	0.00	0.22	30.7	26.5
fdot100y10d	P600	BASE	373.00	85.76	86.00	524367	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	373.25	85.76	86.00	524364	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	373.50	85.76	86.00	524362	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	373.75	85.76	86.00	524360	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	374.00	85.76	86.00	524358	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	374.25	85.76	86.00	524356	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	374.50	85.76	86.00	524354	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	374.75	85.76	86.00	524352	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	375.00	85.76	86.00	524349	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	375.25	85.76	86.00	524347	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	375.50	85.75	86.00	524345	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	375.75	85.75	86.00	524343	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	376.00	85.75	86.00	524341	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	376.25	85.75	86.00	524339	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	376.50	85.75	86.00	524337	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	376.75	85.75	86.00	524335	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	377.00	85.75	86.00	524333	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	377.25	85.75	86.00	524330	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	377.50	85.75	86.00	524328	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	377.75	85.75	86.00	524326	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	378.00	85.75	86.00	524324	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	378.25	85.75	86.00	524322	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	378.50	85.75	86.00	524320	0.00	0.21	30.7	26.6
fdot100y10d	P600	BASE	378.75	85.75	86.00	524318	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	379.00	85.75	86.00	524316	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	379.25	85.75	86.00	524314	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	379.50	85.75	86.00	524312	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	379.75	85.75	86.00	524309	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	380.00	85.75	86.00	524307	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	380.25	85.75	86.00	524305	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	380.50	85.75	86.00	524303	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	380.75	85.75	86.00	524301	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	381.00	85.75	86.00	524299	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	381.25	85.75	86.00	524297	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	381.50	85.75	86.00	524295	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	381.75	85.75	86.00	524293	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	382.00	85.75	86.00	524291	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	382.25	85.75	86.00	524289	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	382.50	85.74	86.00	524287	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	382.75	85.74	86.00	524285	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	383.00	85.74	86.00	524282	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	383.25	85.74	86.00	524280	0.00	0.21	30.7	26.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	383.50	85.74	86.00	524278	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	383.75	85.74	86.00	524276	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	384.00	85.74	86.00	524274	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	384.25	85.74	86.00	524272	0.00	0.21	30.7	26.7
fdot100y10d	P600	BASE	384.50	85.74	86.00	524270	0.00	0.21	30.7	26.8
fdot100y10d	P600	BASE	384.75	85.74	86.00	524268	0.00	0.21	30.7	26.8
fdot100y10d	P600	BASE	385.00	85.74	86.00	524266	0.00	0.21	30.7	26.8
fdot100y10d	P600	BASE	385.25	85.74	86.00	524264	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	385.50	85.74	86.00	524262	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	385.75	85.74	86.00	524260	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	386.00	85.74	86.00	524258	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	386.25	85.74	86.00	524256	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	386.50	85.74	86.00	524254	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	386.75	85.74	86.00	524252	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	387.00	85.74	86.00	524250	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	387.25	85.74	86.00	524248	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	387.50	85.74	86.00	524246	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	387.75	85.74	86.00	524244	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	388.00	85.74	86.00	524242	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	388.25	85.74	86.00	524240	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	388.50	85.74	86.00	524238	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	388.75	85.74	86.00	524236	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	389.00	85.74	86.00	524234	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	389.25	85.74	86.00	524232	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	389.50	85.73	86.00	524230	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	389.75	85.73	86.00	524228	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	390.00	85.73	86.00	524226	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	390.25	85.73	86.00	524224	0.00	0.20	30.7	26.8
fdot100y10d	P600	BASE	390.50	85.73	86.00	524222	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	390.75	85.73	86.00	524220	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	391.00	85.73	86.00	524218	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	391.25	85.73	86.00	524216	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	391.50	85.73	86.00	524214	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	391.75	85.73	86.00	524212	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	392.00	85.73	86.00	524210	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	392.25	85.73	86.00	524208	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	392.50	85.73	86.00	524206	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	392.75	85.73	86.00	524204	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	393.00	85.73	86.00	524202	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	393.25	85.73	86.00	524200	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	393.50	85.73	86.00	524198	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	393.75	85.73	86.00	524196	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	394.00	85.73	86.00	524194	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	394.25	85.73	86.00	524192	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	394.50	85.73	86.00	524190	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	394.75	85.73	86.00	524188	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	395.00	85.73	86.00	524186	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	395.25	85.73	86.00	524184	0.00	0.20	30.7	26.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	395.50	85.73	86.00	524182	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	395.75	85.73	86.00	524180	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	396.00	85.73	86.00	524178	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	396.25	85.73	86.00	524176	0.00	0.20	30.7	26.9
fdot100y10d	P600	BASE	396.50	85.73	86.00	524174	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	396.75	85.73	86.00	524172	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	397.00	85.72	86.00	524170	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	397.25	85.72	86.00	524168	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	397.50	85.72	86.00	524166	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	397.75	85.72	86.00	524164	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	398.00	85.72	86.00	524162	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	398.25	85.72	86.00	524160	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	398.50	85.72	86.00	524158	0.00	0.20	30.7	27.0
fdot100y10d	P600	BASE	398.75	85.72	86.00	524156	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	399.00	85.72	86.00	524154	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	399.25	85.72	86.00	524153	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	399.50	85.72	86.00	524151	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	399.75	85.72	86.00	524149	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	400.00	85.72	86.00	524147	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	400.25	85.72	86.00	524145	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	400.50	85.72	86.00	524143	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	400.75	85.72	86.00	524141	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	401.00	85.72	86.00	524139	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	401.25	85.72	86.00	524137	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	401.50	85.72	86.00	524135	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	401.75	85.72	86.00	524133	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	402.00	85.72	86.00	524131	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	402.25	85.72	86.00	524129	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	402.50	85.72	86.00	524127	0.00	0.19	30.7	27.0
fdot100y10d	P600	BASE	402.75	85.72	86.00	524126	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	403.00	85.72	86.00	524124	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	403.25	85.72	86.00	524122	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	403.50	85.72	86.00	524120	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	403.75	85.72	86.00	524118	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	404.00	85.72	86.00	524116	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	404.25	85.72	86.00	524114	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	404.50	85.71	86.00	524112	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	404.75	85.71	86.00	524110	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	405.00	85.71	86.00	524108	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	405.25	85.71	86.00	524106	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	405.50	85.71	86.00	524105	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	405.75	85.71	86.00	524103	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	406.00	85.71	86.00	524101	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	406.25	85.71	86.00	524099	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	406.50	85.71	86.00	524097	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	406.75	85.71	86.00	524095	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	407.00	85.71	86.00	524093	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	407.25	85.71	86.00	524091	0.00	0.19	30.7	27.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	407.50	85.71	86.00	524089	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	407.75	85.71	86.00	524088	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	408.00	85.71	86.00	524086	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	408.25	85.71	86.00	524084	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	408.50	85.71	86.00	524082	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	408.75	85.71	86.00	524080	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	409.00	85.71	86.00	524078	0.00	0.19	30.7	27.1
fdot100y10d	P600	BASE	409.25	85.71	86.00	524076	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	409.50	85.71	86.00	524074	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	409.75	85.71	86.00	524073	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	410.00	85.71	86.00	524071	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	410.25	85.71	86.00	524069	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	410.50	85.71	86.00	524067	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	410.75	85.71	86.00	524065	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	411.00	85.71	86.00	524063	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	411.25	85.71	86.00	524061	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	411.50	85.71	86.00	524059	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	411.75	85.71	86.00	524058	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	412.00	85.70	86.00	524056	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	412.25	85.70	86.00	524054	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	412.50	85.70	86.00	524052	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	412.75	85.70	86.00	524050	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	413.00	85.70	86.00	524048	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	413.25	85.70	86.00	524046	0.00	0.19	30.7	27.2
fdot100y10d	P600	BASE	413.50	85.70	86.00	524045	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	413.75	85.70	86.00	524043	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	414.00	85.70	86.00	524041	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	414.25	85.70	86.00	524039	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	414.50	85.70	86.00	524037	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	414.75	85.70	86.00	524035	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	415.00	85.70	86.00	524034	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	415.25	85.70	86.00	524032	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	415.50	85.70	86.00	524030	0.00	0.18	30.7	27.2
fdot100y10d	P600	BASE	415.75	85.70	86.00	524028	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	416.00	85.70	86.00	524026	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	416.25	85.70	86.00	524024	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	416.50	85.70	86.00	524023	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	416.75	85.70	86.00	524021	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	417.00	85.70	86.00	524019	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	417.25	85.70	86.00	524017	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	417.50	85.70	86.00	524015	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	417.75	85.70	86.00	524014	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	418.00	85.70	86.00	524012	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	418.25	85.70	86.00	524010	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	418.50	85.70	86.00	524008	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	418.75	85.70	86.00	524006	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	419.00	85.70	86.00	524004	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	419.25	85.70	86.00	524003	0.00	0.18	30.7	27.3

US 301 PD&E Basin 600
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	419.50	85.70	86.00	524001	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	419.75	85.70	86.00	523999	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	420.00	85.69	86.00	523997	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	420.25	85.69	86.00	523995	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	420.50	85.69	86.00	523994	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	420.75	85.69	86.00	523992	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	421.00	85.69	86.00	523990	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	421.25	85.69	86.00	523988	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	421.50	85.69	86.00	523986	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	421.75	85.69	86.00	523985	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	422.00	85.69	86.00	523983	0.00	0.18	30.7	27.3
fdot100y10d	P600	BASE	422.25	85.69	86.00	523981	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	422.50	85.69	86.00	523979	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	422.75	85.69	86.00	523977	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	423.00	85.69	86.00	523976	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	423.25	85.69	86.00	523974	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	423.50	85.69	86.00	523972	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	423.75	85.69	86.00	523970	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	424.00	85.69	86.00	523969	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	424.25	85.69	86.00	523967	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	424.50	85.69	86.00	523965	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	424.75	85.69	86.00	523963	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	425.00	85.69	86.00	523961	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	425.25	85.69	86.00	523960	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	425.50	85.69	86.00	523958	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	425.75	85.69	86.00	523956	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	426.00	85.69	86.00	523954	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	426.25	85.69	86.00	523953	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	426.50	85.69	86.00	523951	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	426.75	85.69	86.00	523949	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	427.00	85.69	86.00	523947	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	427.25	85.69	86.00	523946	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	427.50	85.69	86.00	523944	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	427.75	85.69	86.00	523942	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	428.00	85.69	86.00	523940	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	428.25	85.68	86.00	523938	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	428.50	85.68	86.00	523937	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	428.75	85.68	86.00	523935	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	429.00	85.68	86.00	523933	0.00	0.18	30.7	27.4
fdot100y10d	P600	BASE	429.25	85.68	86.00	523931	0.00	0.18	30.7	27.5
fdot100y10d	P600	BASE	429.50	85.68	86.00	523930	0.00	0.18	30.7	27.5
fdot100y10d	P600	BASE	429.75	85.68	86.00	523928	0.00	0.18	30.7	27.5
fdot100y10d	P600	BASE	430.00	85.68	86.00	523926	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	430.25	85.68	86.00	523924	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	430.50	85.68	86.00	523923	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	430.75	85.68	86.00	523921	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	431.00	85.68	86.00	523919	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	431.25	85.68	86.00	523918	0.00	0.17	30.7	27.5

½ VOLUME RECOVERY 7.6 DAYS AFTER 10 DAY EVENT

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	431.50	85.68	86.00	523916	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	431.75	85.68	86.00	523914	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	432.00	85.68	86.00	523912	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	432.25	85.68	86.00	523911	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	432.50	85.68	86.00	523909	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	432.75	85.68	86.00	523907	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	433.00	85.68	86.00	523905	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	433.25	85.68	86.00	523904	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	433.50	85.68	86.00	523902	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	433.75	85.68	86.00	523900	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	434.00	85.68	86.00	523898	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	434.25	85.68	86.00	523897	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	434.50	85.68	86.00	523895	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	434.75	85.68	86.00	523893	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	435.00	85.68	86.00	523892	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	435.25	85.68	86.00	523890	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	435.50	85.68	86.00	523888	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	435.75	85.68	86.00	523886	0.00	0.17	30.7	27.5
fdot100y10d	P600	BASE	436.00	85.68	86.00	523885	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	436.25	85.68	86.00	523883	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	436.50	85.67	86.00	523881	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	436.75	85.67	86.00	523880	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	437.00	85.67	86.00	523878	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	437.25	85.67	86.00	523876	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	437.50	85.67	86.00	523874	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	437.75	85.67	86.00	523873	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	438.00	85.67	86.00	523871	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	438.25	85.67	86.00	523869	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	438.50	85.67	86.00	523868	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	438.75	85.67	86.00	523866	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	439.00	85.67	86.00	523864	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	439.25	85.67	86.00	523863	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	439.50	85.67	86.00	523861	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	439.75	85.67	86.00	523859	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	440.00	85.67	86.00	523858	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	440.25	85.67	86.00	523856	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	440.50	85.67	86.00	523854	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	440.75	85.67	86.00	523852	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	441.00	85.67	86.00	523851	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	441.25	85.67	86.00	523849	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	441.50	85.67	86.00	523847	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	441.75	85.67	86.00	523846	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	442.00	85.67	86.00	523844	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	442.25	85.67	86.00	523842	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	442.50	85.67	86.00	523841	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	442.75	85.67	86.00	523839	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	443.00	85.67	86.00	523837	0.00	0.17	30.7	27.6
fdot100y10d	P600	BASE	443.25	85.67	86.00	523836	0.00	0.17	30.7	27.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	443.50	85.67	86.00	523834	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	443.75	85.67	86.00	523832	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	444.00	85.67	86.00	523831	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	444.25	85.67	86.00	523829	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	444.50	85.67	86.00	523827	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	444.75	85.67	86.00	523826	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	445.00	85.67	86.00	523824	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	445.25	85.66	86.00	523822	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	445.50	85.66	86.00	523821	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	445.75	85.66	86.00	523819	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	446.00	85.66	86.00	523817	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	446.25	85.66	86.00	523816	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	446.50	85.66	86.00	523814	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	446.75	85.66	86.00	523812	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	447.00	85.66	86.00	523811	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	447.25	85.66	86.00	523809	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	447.50	85.66	86.00	523807	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	447.75	85.66	86.00	523806	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	448.00	85.66	86.00	523804	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	448.25	85.66	86.00	523802	0.00	0.17	30.7	27.7
fdot100y10d	P600	BASE	448.50	85.66	86.00	523801	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	448.75	85.66	86.00	523799	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	449.00	85.66	86.00	523798	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	449.25	85.66	86.00	523796	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	449.50	85.66	86.00	523794	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	449.75	85.66	86.00	523793	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	450.00	85.66	86.00	523791	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	450.25	85.66	86.00	523789	0.00	0.16	30.7	27.7
fdot100y10d	P600	BASE	454.25	85.65	86.00	523763	0.00	0.16	30.7	27.8
fdot100y10d	P600	BASE	458.25	85.65	86.00	523738	0.00	0.16	30.7	27.9
fdot100y10d	P600	BASE	462.25	85.65	86.00	523712	0.00	0.16	30.7	27.9
fdot100y10d	P600	BASE	466.25	85.64	86.00	523687	0.00	0.16	30.7	28.0
fdot100y10d	P600	BASE	470.25	85.64	86.00	523662	0.00	0.15	30.7	28.0
fdot100y10d	P600	BASE	474.25	85.63	86.00	523638	0.00	0.15	30.7	28.1
fdot100y10d	P600	BASE	478.25	85.63	86.00	523613	0.00	0.15	30.7	28.1
fdot100y10d	P600	BASE	482.25	85.62	86.00	523590	0.00	0.15	30.7	28.2
fdot100y10d	P600	BASE	486.25	85.62	86.00	523566	0.00	0.15	30.7	28.2
fdot100y10d	P600	BASE	490.25	85.62	86.00	523542	0.00	0.15	30.7	28.3
fdot100y10d	P600	BASE	494.25	85.61	86.00	523519	0.00	0.14	30.7	28.3
fdot100y10d	P600	BASE	498.25	85.61	86.00	523496	0.00	0.14	30.7	28.4
fdot100y10d	P600	BASE	502.25	85.60	86.00	523473	0.00	0.14	30.7	28.4
fdot100y10d	P600	BASE	506.25	85.60	86.00	523451	0.00	0.14	30.7	28.4
fdot100y10d	P600	BASE	510.25	85.60	86.00	523429	0.00	0.14	30.7	28.5
fdot100y10d	P600	BASE	514.25	85.59	86.00	523407	0.00	0.14	30.7	28.5
fdot100y10d	P600	BASE	518.25	85.59	86.00	523385	0.00	0.14	30.7	28.6
fdot100y10d	P600	BASE	522.25	85.59	86.00	523363	0.00	0.13	30.7	28.6
fdot100y10d	P600	BASE	526.25	85.58	86.00	523342	0.00	0.13	30.7	28.7
fdot100y10d	P600	BASE	530.25	85.58	86.00	523321	0.00	0.13	30.7	28.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	534.25	85.57	86.00	523300	0.00	0.13	30.7	28.8
fdot100y10d	P600	BASE	538.25	85.57	86.00	523279	0.00	0.13	30.7	28.8
fdot100y10d	P600	BASE	542.25	85.57	86.00	523259	0.00	0.13	30.7	28.8
fdot100y10d	P600	BASE	546.25	85.56	86.00	523238	0.00	0.13	30.7	28.9
fdot100y10d	P600	BASE	550.25	85.56	86.00	523218	0.00	0.13	30.7	28.9
fdot100y10d	P600	BASE	554.25	85.56	86.00	523198	0.00	0.12	30.7	29.0
fdot100y10d	P600	BASE	558.25	85.55	86.00	523178	0.00	0.12	30.7	29.0
fdot100y10d	P600	BASE	562.25	85.55	86.00	523159	0.00	0.12	30.7	29.1
fdot100y10d	P600	BASE	566.25	85.55	86.00	523139	0.00	0.12	30.7	29.1
fdot100y10d	P600	BASE	570.25	85.54	86.00	523120	0.00	0.12	30.7	29.1
fdot100y10d	P600	BASE	574.25	85.54	86.00	523101	0.00	0.12	30.7	29.2
fdot100y10d	P600	BASE	578.25	85.54	86.00	523082	0.00	0.12	30.7	29.2
fdot100y10d	P600	BASE	582.25	85.53	86.00	523063	0.00	0.12	30.7	29.3
fdot100y10d	P600	BASE	586.25	85.53	86.00	523044	0.00	0.12	30.7	29.3
fdot100y10d	P600	BASE	590.25	85.53	86.00	523026	0.00	0.12	30.7	29.3
fdot100y10d	P600	BASE	594.25	85.52	86.00	523007	0.00	0.11	30.7	29.4
fdot100y10d	P600	BASE	598.25	85.52	86.00	522989	0.00	0.11	30.7	29.4
fdot100y10d	P600	BASE	602.25	85.52	86.00	522971	0.00	0.11	30.7	29.4
fdot100y10d	P600	BASE	606.25	85.52	86.00	522953	0.00	0.11	30.7	29.5
fdot100y10d	P600	BASE	610.25	85.51	86.00	522935	0.00	0.11	30.7	29.5
fdot100y10d	P600	BASE	614.25	85.51	86.00	522917	0.00	0.11	30.7	29.6
fdot100y10d	P600	BASE	618.25	85.51	86.00	522900	0.00	0.11	30.7	29.6
fdot100y10d	P600	BASE	622.25	85.50	86.00	522882	0.00	0.11	30.7	29.6
fdot100y10d	P600	BASE	626.25	85.50	86.00	522865	0.00	0.11	30.7	29.7
fdot100y10d	P600	BASE	630.25	85.50	86.00	522848	0.00	0.11	30.7	29.7
fdot100y10d	P600	BASE	634.25	85.49	86.00	522831	0.00	0.11	30.7	29.7
fdot100y10d	P600	BASE	638.25	85.49	86.00	522814	0.00	0.11	30.7	29.8
fdot100y10d	P600	BASE	642.25	85.49	86.00	522797	0.00	0.10	30.7	29.8
fdot100y10d	P600	BASE	646.25	85.49	86.00	522780	0.00	0.10	30.7	29.8
fdot100y10d	P600	BASE	650.25	85.48	86.00	522764	0.00	0.10	30.7	29.9
fdot100y10d	P600	BASE	654.25	85.48	86.00	522747	0.00	0.10	30.7	29.9
fdot100y10d	P600	BASE	658.25	85.48	86.00	522731	0.00	0.10	30.7	29.9
fdot100y10d	P600	BASE	662.25	85.47	86.00	522715	0.00	0.10	30.7	30.0
fdot100y10d	P600	BASE	666.25	85.47	86.00	522699	0.00	0.10	30.7	30.0
fdot100y10d	P600	BASE	670.25	85.47	86.00	522683	0.00	0.10	30.7	30.0
fdot100y10d	P600	BASE	674.25	85.47	86.00	522667	0.00	0.10	30.7	30.1
fdot100y10d	P600	BASE	678.25	85.46	86.00	522651	0.00	0.10	30.7	30.1
fdot100y10d	P600	BASE	682.25	85.46	86.00	522635	0.00	0.10	30.7	30.1
fdot100y10d	P600	BASE	686.25	85.46	86.00	522620	0.00	0.10	30.7	30.2
fdot100y10d	P600	BASE	690.25	85.46	86.00	522604	0.00	0.10	30.7	30.2
fdot100y10d	P600	BASE	694.25	85.45	86.00	522589	0.00	0.10	30.7	30.2
fdot100y10d	P600	BASE	698.25	85.45	86.00	522573	0.00	0.10	30.7	30.3
fdot100y10d	P600	BASE	702.25	85.45	86.00	522558	0.00	0.10	30.7	30.3
fdot100y10d	P600	BASE	706.25	85.44	86.00	522543	0.00	0.09	30.7	30.3
fdot100y10d	P600	BASE	710.25	85.44	86.00	522528	0.00	0.09	30.7	30.4
fdot100y10d	P600	BASE	714.25	85.44	86.00	522513	0.00	0.09	30.7	30.4
fdot100y10d	P600	BASE	718.25	85.44	86.00	522498	0.00	0.09	30.7	30.4
fdot100y10d	P600	BASE	722.25	85.43	86.00	522483	0.00	0.09	30.7	30.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P600	BASE	726.25	85.43	86.00	522468	0.00	0.09	30.7	30.5	
fdot100y10d	P600	BASE	730.25	85.43	86.00	522454	0.00	0.09	30.7	30.5	
fdot100y10d	P600	BASE	734.25	85.43	86.00	522439	0.00	0.09	30.7	30.5	
fdot100y10d	P600	BASE	738.25	85.42	86.00	522425	0.00	0.09	30.7	30.6	
fdot100y10d	P600	BASE	742.25	85.42	86.00	522410	0.00	0.09	30.7	30.6	
fdot100y10d	P600	BASE	746.25	85.42	86.00	522396	0.00	0.09	30.7	30.6	
fdot100y10d	P600	BASE	750.25	85.42	86.00	522382	0.00	0.09	30.7	30.7	
fdot100y10d	P600	BASE	754.25	85.41	86.00	522367	0.00	0.09	30.7	30.7	
fdot100y10d	P600	BASE	758.25	85.41	86.00	522353	0.00	0.09	30.7	30.7	
fdot100y10d	P600	BASE	762.25	85.41	86.00	522339	0.00	0.09	30.7	30.7	
fdot100y10d	P600	BASE	766.25	85.41	86.00	522325	0.00	0.09	30.7	30.8	
fdot100y10d	P600	BASE	770.25	85.40	86.00	522311	0.00	0.09	30.7	30.8	FULL VOLUME
fdot100y10d	P600	BASE	774.25	85.40	86.00	522298	0.00	0.09	30.7	30.8	RECOVERY
fdot100y10d	P600	BASE	778.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	22.1 DAYS AFTER
fdot100y10d	P600	BASE	782.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	786.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	10 DAY EVENT
fdot100y10d	P600	BASE	790.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	794.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	798.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	802.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	806.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	810.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	814.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	818.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	822.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	826.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	830.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	834.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	838.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	842.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	846.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	850.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	854.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	858.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	862.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	866.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	870.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	874.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	878.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	882.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	886.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	890.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	894.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	898.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	902.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	906.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	910.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	
fdot100y10d	P600	BASE	914.25	85.40	86.00	522284	0.00	0.00	30.7	30.8	

US 301 PD&E Basin 600
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P600	BASE	918.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	922.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	926.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	930.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	934.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	938.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	942.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	946.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	950.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	954.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	958.25	85.40	86.00	522284	0.00	0.00	30.7	30.8
fdot100y10d	P600	BASE	960.00	85.40	86.00	522284	0.00	0.00	30.7	30.8

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==== Basins ====
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Name: B700 Node: P700 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 3.560 Time Shift(hrs): 0.00
Curve Number: 85.07 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

==========
==== Nodes ====
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Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 94.000
Group: BASE Warn Stage(ft): 105.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	94.000
960.00	94.000

Name: P700 Base Flow(cfs): 0.000 Init Stage(ft): 100.000
Group: BASE Warn Stage(ft): 105.000
Type: Stage/Area

Stage(ft)	Area(ac)
100.000	0.3300
104.000	0.4200

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 94.000
Group: BASE Warn Stage(ft): 105.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	94.000
960.00	94.000

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

Name: OUT700 From Node: P700
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 104.000
Control Elevation(ft): 104.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P700 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 92.000 Perimeter 1(ft): 509.000
Water Table Elev(ft): 94.000 Perimeter 2(ft): 1138.000
**********0.000 Perimeter 3(ft): 6793.000
Horiz Conductivity(ft/day): 24.300 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 5.400 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 6.000

==========
==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

==========
==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
200.000	90.000
450.000	15.000
960.000	240.000

Group	Run
BASE	Yes

US 301 PD&E Basin 700
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	0.00	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	1.50	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	3.00	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	4.50	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	6.00	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	7.50	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	9.00	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	10.50	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	12.00	100.00	105.00	14375	0.00	0.00	0.0	0.0
fdot100y10d	P700	BASE	13.50	100.00	105.00	14375	0.01	0.01	0.0	0.0
fdot100y10d	P700	BASE	15.00	100.00	105.00	14375	0.02	0.02	0.0	0.0
fdot100y10d	P700	BASE	16.50	100.00	105.00	14375	0.02	0.02	0.0	0.0
fdot100y10d	P700	BASE	18.00	100.00	105.00	14375	0.02	0.02	0.0	0.0
fdot100y10d	P700	BASE	19.50	100.00	105.00	14375	0.03	0.03	0.0	0.0
fdot100y10d	P700	BASE	21.00	100.00	105.00	14375	0.03	0.03	0.0	0.0
fdot100y10d	P700	BASE	22.50	100.00	105.00	14375	0.04	0.04	0.0	0.0
fdot100y10d	P700	BASE	24.00	100.00	105.00	14375	0.04	0.04	0.0	0.0
fdot100y10d	P700	BASE	25.50	100.00	105.00	14375	0.14	0.14	0.0	0.0
fdot100y10d	P700	BASE	27.00	100.00	105.00	14375	0.17	0.17	0.1	0.1
fdot100y10d	P700	BASE	28.50	100.00	105.00	14375	0.19	0.19	0.1	0.1
fdot100y10d	P700	BASE	30.00	100.00	105.00	14375	0.20	0.20	0.1	0.1
fdot100y10d	P700	BASE	31.50	100.00	105.00	14375	0.22	0.22	0.1	0.1
fdot100y10d	P700	BASE	33.00	100.00	105.00	14376	0.81	0.81	0.2	0.2
fdot100y10d	P700	BASE	34.50	100.02	105.00	14393	1.00	0.90	0.3	0.3
fdot100y10d	P700	BASE	36.00	100.07	105.00	14445	1.08	0.90	0.4	0.4
fdot100y10d	P700	BASE	37.50	100.14	105.00	14517	1.12	0.91	0.6	0.5
fdot100y10d	P700	BASE	39.00	100.26	105.00	14626	1.16	0.62	0.7	0.6
fdot100y10d	P700	BASE	40.50	100.47	105.00	14832	0.63	0.44	0.8	0.7
fdot100y10d	P700	BASE	42.00	100.45	105.00	14818	0.25	0.35	0.9	0.7
fdot100y10d	P700	BASE	43.50	100.43	105.00	14793	0.25	0.30	0.9	0.8
fdot100y10d	P700	BASE	45.00	100.42	105.00	14782	0.25	0.27	0.9	0.8
fdot100y10d	P700	BASE	46.50	100.41	105.00	14781	0.25	0.25	1.0	0.8
fdot100y10d	P700	BASE	48.00	100.42	105.00	14785	0.25	0.23	1.0	0.9
fdot100y10d	P700	BASE	49.50	100.42	105.00	14788	0.22	0.22	1.0	0.9
fdot100y10d	P700	BASE	51.00	100.42	105.00	14791	0.22	0.21	1.1	0.9
fdot100y10d	P700	BASE	52.50	100.43	105.00	14798	0.22	0.20	1.1	0.9
fdot100y10d	P700	BASE	54.00	100.44	105.00	14807	0.22	0.19	1.1	1.0
fdot100y10d	P700	BASE	55.50	100.45	105.00	14819	0.22	0.19	1.1	1.0
fdot100y10d	P700	BASE	57.00	100.47	105.00	14832	0.21	0.18	1.2	1.0
fdot100y10d	P700	BASE	58.50	100.48	105.00	14845	0.21	0.18	1.2	1.0
fdot100y10d	P700	BASE	60.00	100.49	105.00	14859	0.21	0.17	1.2	1.1
fdot100y10d	P700	BASE	61.50	100.51	105.00	14874	0.21	0.17	1.2	1.1
fdot100y10d	P700	BASE	63.00	100.53	105.00	14891	0.21	0.17	1.3	1.1
fdot100y10d	P700	BASE	64.50	100.55	105.00	14909	0.22	0.16	1.3	1.1
fdot100y10d	P700	BASE	66.00	100.57	105.00	14931	0.22	0.16	1.3	1.1
fdot100y10d	P700	BASE	67.50	100.59	105.00	14954	0.22	0.16	1.4	1.2
fdot100y10d	P700	BASE	69.00	100.61	105.00	14977	0.22	0.16	1.4	1.2
fdot100y10d	P700	BASE	70.50	100.64	105.00	15001	0.22	0.16	1.4	1.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	72.00	100.66	105.00	15025	0.22	0.16	1.4	1.2
fdot100y10d	P700	BASE	73.50	100.65	105.00	15013	0.06	0.15	1.5	1.2
fdot100y10d	P700	BASE	75.00	100.62	105.00	14984	0.06	0.14	1.5	1.3
fdot100y10d	P700	BASE	76.50	100.59	105.00	14956	0.06	0.13	1.5	1.3
fdot100y10d	P700	BASE	78.00	100.57	105.00	14931	0.06	0.13	1.5	1.3
fdot100y10d	P700	BASE	79.50	100.54	105.00	14906	0.06	0.13	1.5	1.3
fdot100y10d	P700	BASE	81.00	100.52	105.00	14882	0.05	0.12	1.5	1.3
fdot100y10d	P700	BASE	82.50	100.49	105.00	14857	0.05	0.12	1.5	1.3
fdot100y10d	P700	BASE	84.00	100.47	105.00	14833	0.05	0.12	1.5	1.3
fdot100y10d	P700	BASE	85.50	100.44	105.00	14810	0.05	0.11	1.5	1.4
fdot100y10d	P700	BASE	87.00	100.42	105.00	14788	0.05	0.11	1.5	1.4
fdot100y10d	P700	BASE	88.50	100.40	105.00	14767	0.06	0.11	1.5	1.4
fdot100y10d	P700	BASE	90.00	100.38	105.00	14749	0.06	0.11	1.5	1.4
fdot100y10d	P700	BASE	91.50	100.36	105.00	14732	0.06	0.11	1.5	1.4
fdot100y10d	P700	BASE	93.00	100.35	105.00	14715	0.06	0.10	1.5	1.4
fdot100y10d	P700	BASE	94.50	100.33	105.00	14699	0.06	0.10	1.5	1.4
fdot100y10d	P700	BASE	96.00	100.32	105.00	14684	0.06	0.10	1.6	1.5
fdot100y10d	P700	BASE	97.50	100.30	105.00	14669	0.06	0.10	1.6	1.5
fdot100y10d	P700	BASE	99.00	100.29	105.00	14654	0.06	0.10	1.6	1.5
fdot100y10d	P700	BASE	100.50	100.27	105.00	14640	0.06	0.10	1.6	1.5
fdot100y10d	P700	BASE	102.00	100.26	105.00	14627	0.06	0.10	1.6	1.5
fdot100y10d	P700	BASE	103.50	100.24	105.00	14614	0.06	0.09	1.6	1.5
fdot100y10d	P700	BASE	105.00	100.23	105.00	14600	0.05	0.09	1.6	1.5
fdot100y10d	P700	BASE	106.50	100.21	105.00	14585	0.05	0.09	1.6	1.5
fdot100y10d	P700	BASE	108.00	100.20	105.00	14571	0.05	0.09	1.6	1.5
fdot100y10d	P700	BASE	109.50	100.19	105.00	14556	0.05	0.09	1.6	1.6
fdot100y10d	P700	BASE	111.00	100.17	105.00	14542	0.05	0.09	1.6	1.6
fdot100y10d	P700	BASE	112.50	100.16	105.00	14529	0.06	0.09	1.6	1.6
fdot100y10d	P700	BASE	114.00	100.15	105.00	14519	0.06	0.09	1.6	1.6
fdot100y10d	P700	BASE	115.50	100.14	105.00	14509	0.06	0.09	1.6	1.6
fdot100y10d	P700	BASE	117.00	100.13	105.00	14499	0.06	0.08	1.7	1.6
fdot100y10d	P700	BASE	118.50	100.12	105.00	14490	0.06	0.08	1.7	1.6
fdot100y10d	P700	BASE	120.00	100.11	105.00	14481	0.06	0.08	1.7	1.6
fdot100y10d	P700	BASE	121.50	100.10	105.00	14472	0.06	0.08	1.7	1.6
fdot100y10d	P700	BASE	123.00	100.09	105.00	14463	0.06	0.08	1.7	1.7
fdot100y10d	P700	BASE	124.50	100.08	105.00	14455	0.06	0.08	1.7	1.7
fdot100y10d	P700	BASE	126.00	100.07	105.00	14447	0.06	0.08	1.7	1.7
fdot100y10d	P700	BASE	127.50	100.07	105.00	14439	0.06	0.08	1.7	1.7
fdot100y10d	P700	BASE	129.00	100.06	105.00	14430	0.05	0.08	1.7	1.7
fdot100y10d	P700	BASE	130.50	100.05	105.00	14420	0.05	0.08	1.7	1.7
fdot100y10d	P700	BASE	132.00	100.04	105.00	14410	0.05	0.08	1.7	1.7
fdot100y10d	P700	BASE	133.50	100.03	105.00	14400	0.05	0.08	1.7	1.7
fdot100y10d	P700	BASE	135.00	100.02	105.00	14391	0.05	0.08	1.7	1.7
fdot100y10d	P700	BASE	136.50	100.01	105.00	14382	0.06	0.08	1.7	1.7
fdot100y10d	P700	BASE	138.00	100.00	105.00	14375	0.06	0.08	1.7	1.8
fdot100y10d	P700	BASE	139.50	100.00	105.00	14375	0.06	0.06	1.8	1.8
fdot100y10d	P700	BASE	141.00	100.00	105.00	14375	0.06	0.06	1.8	1.8
fdot100y10d	P700	BASE	142.50	100.00	105.00	14375	0.06	0.06	1.8	1.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	144.00	100.00	105.00	14375	0.06	0.06	1.8	1.8
fdot100y10d	P700	BASE	145.50	100.02	105.00	14395	0.17	0.08	1.8	1.8
fdot100y10d	P700	BASE	147.00	100.05	105.00	14426	0.17	0.08	1.8	1.8
fdot100y10d	P700	BASE	148.50	100.08	105.00	14457	0.17	0.09	1.8	1.8
fdot100y10d	P700	BASE	150.00	100.11	105.00	14487	0.17	0.09	1.9	1.8
fdot100y10d	P700	BASE	151.50	100.14	105.00	14517	0.17	0.09	1.9	1.8
fdot100y10d	P700	BASE	153.00	100.17	105.00	14546	0.17	0.09	1.9	1.8
fdot100y10d	P700	BASE	154.50	100.20	105.00	14574	0.17	0.09	1.9	1.9
fdot100y10d	P700	BASE	156.00	100.23	105.00	14602	0.17	0.09	1.9	1.9
fdot100y10d	P700	BASE	157.50	100.26	105.00	14630	0.17	0.09	2.0	1.9
fdot100y10d	P700	BASE	159.00	100.29	105.00	14657	0.17	0.09	2.0	1.9
fdot100y10d	P700	BASE	160.50	100.32	105.00	14684	0.17	0.09	2.0	1.9
fdot100y10d	P700	BASE	162.00	100.34	105.00	14711	0.17	0.10	2.0	1.9
fdot100y10d	P700	BASE	163.50	100.37	105.00	14738	0.17	0.10	2.0	1.9
fdot100y10d	P700	BASE	165.00	100.40	105.00	14764	0.17	0.10	2.1	1.9
fdot100y10d	P700	BASE	166.50	100.42	105.00	14790	0.17	0.10	2.1	1.9
fdot100y10d	P700	BASE	168.00	100.45	105.00	14816	0.17	0.10	2.1	2.0
fdot100y10d	P700	BASE	169.50	100.58	105.00	14941	0.60	0.12	2.2	2.0
fdot100y10d	P700	BASE	171.00	100.75	105.00	15110	0.61	0.14	2.2	2.0
fdot100y10d	P700	BASE	172.50	100.92	105.00	15274	0.61	0.15	2.3	2.0
fdot100y10d	P700	BASE	174.00	101.08	105.00	15433	0.62	0.16	2.4	2.0
fdot100y10d	P700	BASE	175.50	101.24	105.00	15587	0.62	0.17	2.5	2.0
fdot100y10d	P700	BASE	177.00	101.59	105.00	15936	2.12	0.24	2.6	2.1
fdot100y10d	P700	BASE	178.50	102.27	105.00	16597	2.37	0.32	2.9	2.1
fdot100y10d	P700	BASE	180.00	102.91	105.00	17230	2.37	0.37	3.2	2.2
fdot100y10d	P700	BASE	181.50	103.52	105.00	17828	2.38	0.41	3.5	2.2
fdot100y10d	P700	BASE	183.00	104.08	105.00	18372	2.38	1.48	3.8	2.3
fdot100y10d	P700	BASE	184.50	104.09	105.00	18386	1.24	1.69	4.0	2.5
fdot100y10d	P700	BASE	186.00	104.03	105.00	18322	0.45	0.52	4.1	2.6
fdot100y10d	P700	BASE	187.50	104.02	105.00	18318	0.45	0.45	4.2	2.7
fdot100y10d	P700	BASE	189.00	104.02	105.00	18319	0.45	0.45	4.2	2.8
fdot100y10d	P700	BASE	190.50	104.02	105.00	18320	0.45	0.45	4.3	2.8
fdot100y10d	P700	BASE	192.00	104.03	105.00	18320	0.45	0.45	4.3	2.9
fdot100y10d	P700	BASE	193.50	104.01	105.00	18309	0.29	0.32	4.4	2.9
fdot100y10d	P700	BASE	195.00	104.01	105.00	18306	0.29	0.29	4.4	3.0
fdot100y10d	P700	BASE	196.50	104.01	105.00	18306	0.29	0.28	4.5	3.0
fdot100y10d	P700	BASE	198.00	104.01	105.00	18306	0.29	0.28	4.5	3.0
fdot100y10d	P700	BASE	199.50	104.01	105.00	18307	0.29	0.28	4.5	3.1
fdot100y10d	P700	BASE	201.00	104.01	105.00	18307	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	201.25	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	201.50	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	201.75	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	202.00	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	202.25	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	202.50	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	202.75	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	203.00	104.01	105.00	18308	0.29	0.28	4.6	3.1
fdot100y10d	P700	BASE	203.25	104.01	105.00	18308	0.29	0.28	4.6	3.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	203.50	104.01	105.00	18308	0.29	0.28	4.6	3.2
fdot100y10d	P700	BASE	203.75	104.01	105.00	18308	0.29	0.28	4.6	3.2
fdot100y10d	P700	BASE	204.00	104.01	105.00	18308	0.29	0.28	4.6	3.2
fdot100y10d	P700	BASE	204.25	104.01	105.00	18308	0.29	0.28	4.6	3.2
fdot100y10d	P700	BASE	204.50	104.01	105.00	18308	0.29	0.28	4.6	3.2
fdot100y10d	P700	BASE	204.75	104.01	105.00	18308	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	205.00	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	205.25	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	205.50	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	205.75	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	206.00	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	206.25	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	206.50	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	206.75	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	207.00	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	207.25	104.01	105.00	18309	0.29	0.28	4.7	3.2
fdot100y10d	P700	BASE	207.50	104.01	105.00	18309	0.29	0.28	4.7	3.3
fdot100y10d	P700	BASE	207.75	104.01	105.00	18309	0.29	0.28	4.7	3.3
fdot100y10d	P700	BASE	208.00	104.01	105.00	18309	0.29	0.28	4.7	3.3
fdot100y10d	P700	BASE	208.25	104.01	105.00	18309	0.29	0.29	4.7	3.3
fdot100y10d	P700	BASE	208.50	104.01	105.00	18310	0.29	0.29	4.7	3.3
fdot100y10d	P700	BASE	208.75	104.01	105.00	18310	0.29	0.29	4.7	3.3
fdot100y10d	P700	BASE	209.00	104.02	105.00	18310	0.29	0.29	4.8	3.3
fdot100y10d	P700	BASE	209.25	104.02	105.00	18310	0.29	0.29	4.8	3.3
fdot100y10d	P700	BASE	209.50	104.02	105.00	18310	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	209.75	104.02	105.00	18310	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	210.00	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	210.25	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	210.50	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	210.75	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	211.00	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	211.25	104.02	105.00	18311	0.30	0.29	4.8	3.3
fdot100y10d	P700	BASE	211.50	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	211.75	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	212.00	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	212.25	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	212.50	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	212.75	104.02	105.00	18311	0.30	0.29	4.8	3.4
fdot100y10d	P700	BASE	213.00	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	213.25	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	213.50	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	213.75	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	214.00	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	214.25	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	214.50	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	214.75	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	215.00	104.02	105.00	18311	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	215.25	104.02	105.00	18311	0.30	0.29	4.9	3.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	215.50	104.02	105.00	18312	0.30	0.29	4.9	3.4
fdot100y10d	P700	BASE	215.75	104.02	105.00	18312	0.30	0.29	4.9	3.5
fdot100y10d	P700	BASE	216.00	104.02	105.00	18312	0.30	0.29	4.9	3.5
fdot100y10d	P700	BASE	216.25	104.02	105.00	18311	0.24	0.29	4.9	3.5
fdot100y10d	P700	BASE	216.50	104.01	105.00	18308	0.19	0.26	4.9	3.5
fdot100y10d	P700	BASE	216.75	104.01	105.00	18304	0.16	0.23	4.9	3.5
fdot100y10d	P700	BASE	217.00	104.01	105.00	18301	0.14	0.21	4.9	3.5
fdot100y10d	P700	BASE	217.25	104.00	105.00	18298	0.13	0.19	4.9	3.5
fdot100y10d	P700	BASE	217.50	104.00	105.00	18294	0.12	0.18	4.9	3.5
fdot100y10d	P700	BASE	217.75	104.00	105.00	18291	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	218.00	103.99	105.00	18288	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	218.25	103.99	105.00	18284	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	218.50	103.99	105.00	18281	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	218.75	103.98	105.00	18278	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	219.00	103.98	105.00	18274	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	219.25	103.98	105.00	18271	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	219.50	103.97	105.00	18268	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	219.75	103.97	105.00	18265	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	220.00	103.97	105.00	18262	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	220.25	103.96	105.00	18259	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	220.50	103.96	105.00	18255	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	220.75	103.96	105.00	18252	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	221.00	103.95	105.00	18249	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	221.25	103.95	105.00	18246	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	221.50	103.95	105.00	18243	0.11	0.18	5.0	3.5
fdot100y10d	P700	BASE	221.75	103.94	105.00	18240	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	222.00	103.94	105.00	18237	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	222.25	103.94	105.00	18234	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	222.50	103.93	105.00	18231	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	222.75	103.93	105.00	18228	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	223.00	103.93	105.00	18225	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	223.25	103.93	105.00	18223	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	223.50	103.92	105.00	18220	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	223.75	103.92	105.00	18217	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	224.00	103.92	105.00	18214	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	224.25	103.91	105.00	18211	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	224.50	103.91	105.00	18209	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	224.75	103.91	105.00	18206	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	225.00	103.91	105.00	18203	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	225.25	103.90	105.00	18200	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	225.50	103.90	105.00	18198	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	225.75	103.90	105.00	18195	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	226.00	103.89	105.00	18192	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	226.25	103.89	105.00	18189	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	226.50	103.89	105.00	18187	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	226.75	103.89	105.00	18184	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	227.00	103.88	105.00	18182	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	227.25	103.88	105.00	18179	0.11	0.17	5.0	3.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	227.50	103.88	105.00	18176	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	227.75	103.88	105.00	18174	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	228.00	103.87	105.00	18171	0.11	0.17	5.0	3.6
fdot100y10d	P700	BASE	228.25	103.87	105.00	18169	0.11	0.16	5.0	3.6
fdot100y10d	P700	BASE	228.50	103.87	105.00	18166	0.11	0.16	5.1	3.6
fdot100y10d	P700	BASE	228.75	103.87	105.00	18164	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	229.00	103.86	105.00	18161	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	229.25	103.86	105.00	18159	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	229.50	103.86	105.00	18156	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	229.75	103.86	105.00	18154	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	230.00	103.85	105.00	18151	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	230.25	103.85	105.00	18149	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	230.50	103.85	105.00	18146	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	230.75	103.85	105.00	18144	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	231.00	103.84	105.00	18142	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	231.25	103.84	105.00	18139	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	231.50	103.84	105.00	18137	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	231.75	103.84	105.00	18135	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	232.00	103.83	105.00	18132	0.11	0.16	5.1	3.7
fdot100y10d	P700	BASE	232.25	103.83	105.00	18130	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	232.50	103.83	105.00	18128	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	232.75	103.83	105.00	18126	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	233.00	103.83	105.00	18124	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	233.25	103.82	105.00	18122	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	233.50	103.82	105.00	18120	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	233.75	103.82	105.00	18118	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	234.00	103.82	105.00	18117	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	234.25	103.82	105.00	18115	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	234.50	103.81	105.00	18113	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	234.75	103.81	105.00	18111	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	235.00	103.81	105.00	18110	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	235.25	103.81	105.00	18108	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	235.50	103.81	105.00	18106	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	235.75	103.81	105.00	18104	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	236.00	103.80	105.00	18103	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	236.25	103.80	105.00	18101	0.12	0.16	5.1	3.7
fdot100y10d	P700	BASE	236.50	103.80	105.00	18099	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	236.75	103.80	105.00	18097	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	237.00	103.80	105.00	18096	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	237.25	103.79	105.00	18094	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	237.50	103.79	105.00	18092	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	237.75	103.79	105.00	18091	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	238.00	103.79	105.00	18089	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	238.25	103.79	105.00	18088	0.12	0.16	5.1	3.8
fdot100y10d	P700	BASE	238.50	103.79	105.00	18086	0.12	0.15	5.1	3.8
fdot100y10d	P700	BASE	238.75	103.78	105.00	18084	0.12	0.15	5.2	3.8
fdot100y10d	P700	BASE	239.00	103.78	105.00	18083	0.12	0.15	5.2	3.8
fdot100y10d	P700	BASE	239.25	103.78	105.00	18081	0.12	0.15	5.2	3.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	239.50	103.78	105.00	18079	0.12	0.15	5.2	3.8
fdot100y10d	P700	BASE	239.75	103.78	105.00	18078	0.12	0.15	5.2	3.8
fdot100y10d	P700	BASE	240.00	103.78	105.00	18076	0.12	0.15	5.2	3.8
fdot100y10d	P700	BASE	240.25	103.77	105.00	18074	0.08	0.15	5.2	3.8
fdot100y10d	P700	BASE	240.50	103.77	105.00	18070	0.05	0.15	5.2	3.8
fdot100y10d	P700	BASE	240.75	103.76	105.00	18064	0.03	0.15	5.2	3.8
fdot100y10d	P700	BASE	241.00	103.76	105.00	18058	0.02	0.15	5.2	3.8
fdot100y10d	P700	BASE	241.25	103.75	105.00	18052	0.01	0.15	5.2	3.8
fdot100y10d	P700	BASE	241.50	103.74	105.00	18045	0.00	0.15	5.2	3.8
fdot100y10d	P700	BASE	241.75	103.74	105.00	18038	0.00	0.15	5.2	3.8
fdot100y10d	P700	BASE	242.00	103.73	105.00	18031	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	242.25	103.72	105.00	18024	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	242.50	103.72	105.00	18017	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	242.75	103.71	105.00	18010	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	243.00	103.70	105.00	18003	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	243.25	103.69	105.00	17996	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	243.50	103.69	105.00	17989	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	243.75	103.68	105.00	17982	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	244.00	103.67	105.00	17975	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	244.25	103.67	105.00	17969	0.00	0.14	5.2	3.8
fdot100y10d	P700	BASE	244.50	103.66	105.00	17962	0.00	0.14	5.2	3.9
fdot100y10d	P700	BASE	244.75	103.65	105.00	17955	0.00	0.14	5.2	3.9
fdot100y10d	P700	BASE	245.00	103.65	105.00	17948	0.00	0.14	5.2	3.9
fdot100y10d	P700	BASE	245.25	103.64	105.00	17942	0.00	0.14	5.2	3.9
fdot100y10d	P700	BASE	245.50	103.63	105.00	17935	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	245.75	103.63	105.00	17928	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	246.00	103.62	105.00	17922	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	246.25	103.61	105.00	17915	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	246.50	103.61	105.00	17909	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	246.75	103.60	105.00	17902	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	247.00	103.59	105.00	17896	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	247.25	103.59	105.00	17889	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	247.50	103.58	105.00	17883	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	247.75	103.57	105.00	17876	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	248.00	103.57	105.00	17870	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	248.25	103.56	105.00	17864	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	248.50	103.55	105.00	17857	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	248.75	103.55	105.00	17851	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	249.00	103.54	105.00	17844	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	249.25	103.53	105.00	17838	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	249.50	103.53	105.00	17832	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	249.75	103.52	105.00	17826	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	250.00	103.51	105.00	17819	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	250.25	103.51	105.00	17813	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	250.50	103.50	105.00	17807	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	250.75	103.50	105.00	17801	0.00	0.13	5.2	3.9
fdot100y10d	P700	BASE	251.00	103.49	105.00	17794	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	251.25	103.48	105.00	17788	0.00	0.12	5.2	3.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	251.50	103.48	105.00	17782	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	251.75	103.47	105.00	17776	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	252.00	103.46	105.00	17770	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	252.25	103.46	105.00	17764	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	252.50	103.45	105.00	17758	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	252.75	103.45	105.00	17752	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	253.00	103.44	105.00	17746	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	253.25	103.43	105.00	17740	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	253.50	103.43	105.00	17734	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	253.75	103.42	105.00	17728	0.00	0.12	5.2	3.9
fdot100y10d	P700	BASE	254.00	103.41	105.00	17722	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	254.25	103.41	105.00	17716	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	254.50	103.40	105.00	17710	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	254.75	103.40	105.00	17704	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	255.00	103.39	105.00	17698	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	255.25	103.38	105.00	17692	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	255.50	103.38	105.00	17686	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	255.75	103.37	105.00	17680	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	256.00	103.37	105.00	17674	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	256.25	103.36	105.00	17668	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	256.50	103.35	105.00	17663	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	256.75	103.35	105.00	17657	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	257.00	103.34	105.00	17651	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	257.25	103.34	105.00	17645	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	257.50	103.33	105.00	17639	0.00	0.12	5.2	4.0
fdot100y10d	P700	BASE	257.75	103.33	105.00	17634	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	258.00	103.32	105.00	17628	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	258.25	103.31	105.00	17622	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	258.50	103.31	105.00	17617	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	258.75	103.30	105.00	17611	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	259.00	103.30	105.00	17605	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	259.25	103.29	105.00	17599	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	259.50	103.28	105.00	17594	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	259.75	103.28	105.00	17588	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	260.00	103.27	105.00	17583	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	260.25	103.27	105.00	17577	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	260.50	103.26	105.00	17571	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	260.75	103.26	105.00	17566	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	261.00	103.25	105.00	17560	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	261.25	103.24	105.00	17555	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	261.50	103.24	105.00	17549	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	261.75	103.23	105.00	17543	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	262.00	103.23	105.00	17538	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	262.25	103.22	105.00	17532	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	262.50	103.22	105.00	17527	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	262.75	103.21	105.00	17521	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	263.00	103.20	105.00	17516	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	263.25	103.20	105.00	17510	0.00	0.11	5.2	4.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	263.50	103.19	105.00	17505	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	263.75	103.19	105.00	17500	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	264.00	103.18	105.00	17494	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	264.25	103.18	105.00	17489	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	264.50	103.17	105.00	17483	0.00	0.11	5.2	4.0
fdot100y10d	P700	BASE	264.75	103.17	105.00	17478	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	265.00	103.16	105.00	17473	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	265.25	103.16	105.00	17467	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	265.50	103.15	105.00	17462	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	265.75	103.14	105.00	17457	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	266.00	103.14	105.00	17451	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	266.25	103.13	105.00	17446	0.00	0.11	5.2	4.1
fdot100y10d	P700	BASE	266.50	103.13	105.00	17441	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	266.75	103.12	105.00	17435	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	267.00	103.12	105.00	17430	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	267.25	103.11	105.00	17425	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	267.50	103.11	105.00	17419	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	267.75	103.10	105.00	17414	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	268.00	103.10	105.00	17409	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	268.25	103.09	105.00	17404	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	268.50	103.09	105.00	17398	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	268.75	103.08	105.00	17393	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	269.00	103.07	105.00	17388	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	269.25	103.07	105.00	17383	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	269.50	103.06	105.00	17378	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	269.75	103.06	105.00	17373	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	270.00	103.05	105.00	17367	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	270.25	103.05	105.00	17362	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	270.50	103.04	105.00	17357	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	270.75	103.04	105.00	17352	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	271.00	103.03	105.00	17347	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	271.25	103.03	105.00	17342	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	271.50	103.02	105.00	17337	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	271.75	103.02	105.00	17332	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	272.00	103.01	105.00	17327	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	272.25	103.01	105.00	17322	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	272.50	103.00	105.00	17316	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	272.75	103.00	105.00	17311	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	273.00	102.99	105.00	17306	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	273.25	102.99	105.00	17301	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	273.50	102.98	105.00	17296	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	273.75	102.98	105.00	17291	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	274.00	102.97	105.00	17286	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	274.25	102.97	105.00	17281	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	274.50	102.96	105.00	17276	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	274.75	102.96	105.00	17272	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	275.00	102.95	105.00	17267	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	275.25	102.95	105.00	17262	0.00	0.10	5.2	4.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	275.50	102.94	105.00	17257	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	275.75	102.94	105.00	17252	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	276.00	102.93	105.00	17247	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	276.25	102.93	105.00	17242	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	276.50	102.92	105.00	17237	0.00	0.10	5.2	4.1
fdot100y10d	P700	BASE	276.75	102.92	105.00	17232	0.00	0.10	5.2	4.2
fdot100y10d	P700	BASE	277.00	102.91	105.00	17227	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	277.25	102.91	105.00	17222	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	277.50	102.90	105.00	17218	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	277.75	102.90	105.00	17213	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	278.00	102.89	105.00	17208	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	278.25	102.89	105.00	17203	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	278.50	102.88	105.00	17198	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	278.75	102.88	105.00	17194	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	279.00	102.87	105.00	17189	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	279.25	102.87	105.00	17184	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	279.50	102.86	105.00	17179	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	279.75	102.86	105.00	17174	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	280.00	102.85	105.00	17170	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	280.25	102.85	105.00	17165	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	280.50	102.84	105.00	17160	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	280.75	102.84	105.00	17155	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	281.00	102.83	105.00	17151	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	281.25	102.83	105.00	17146	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	281.50	102.82	105.00	17141	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	281.75	102.82	105.00	17137	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	282.00	102.81	105.00	17132	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	282.25	102.81	105.00	17127	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	282.50	102.80	105.00	17123	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	282.75	102.80	105.00	17118	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	283.00	102.79	105.00	17113	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	283.25	102.79	105.00	17109	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	283.50	102.78	105.00	17104	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	283.75	102.78	105.00	17099	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	284.00	102.78	105.00	17095	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	284.25	102.77	105.00	17090	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	284.50	102.77	105.00	17086	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	284.75	102.76	105.00	17081	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	285.00	102.76	105.00	17076	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	285.25	102.75	105.00	17072	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	285.50	102.75	105.00	17067	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	285.75	102.74	105.00	17063	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	286.00	102.74	105.00	17058	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	286.25	102.73	105.00	17054	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	286.50	102.73	105.00	17049	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	286.75	102.72	105.00	17045	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	287.00	102.72	105.00	17040	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	287.25	102.71	105.00	17036	0.00	0.09	5.2	4.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	287.50	102.71	105.00	17031	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	287.75	102.71	105.00	17027	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	288.00	102.70	105.00	17022	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	288.25	102.70	105.00	17018	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	288.50	102.69	105.00	17013	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	288.75	102.69	105.00	17009	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	289.00	102.68	105.00	17004	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	289.25	102.68	105.00	17000	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	289.50	102.67	105.00	16995	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	289.75	102.67	105.00	16991	0.00	0.09	5.2	4.2
fdot100y10d	P700	BASE	290.00	102.66	105.00	16987	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	290.25	102.66	105.00	16982	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	290.50	102.66	105.00	16978	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	290.75	102.65	105.00	16973	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	291.00	102.65	105.00	16969	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	291.25	102.64	105.00	16965	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	291.50	102.64	105.00	16960	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	291.75	102.63	105.00	16956	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	292.00	102.63	105.00	16951	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	292.25	102.62	105.00	16947	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	292.50	102.62	105.00	16943	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	292.75	102.62	105.00	16938	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	293.00	102.61	105.00	16934	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	293.25	102.61	105.00	16930	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	293.50	102.60	105.00	16925	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	293.75	102.60	105.00	16921	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	294.00	102.59	105.00	16917	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	294.25	102.59	105.00	16913	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	294.50	102.58	105.00	16908	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	294.75	102.58	105.00	16904	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	295.00	102.58	105.00	16900	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	295.25	102.57	105.00	16896	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	295.50	102.57	105.00	16891	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	295.75	102.56	105.00	16887	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	296.00	102.56	105.00	16883	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	296.25	102.55	105.00	16879	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	296.50	102.55	105.00	16874	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	296.75	102.55	105.00	16870	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	297.00	102.54	105.00	16866	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	297.25	102.54	105.00	16862	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	297.50	102.53	105.00	16858	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	297.75	102.53	105.00	16853	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	298.00	102.52	105.00	16849	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	298.25	102.52	105.00	16845	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	298.50	102.52	105.00	16841	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	298.75	102.51	105.00	16837	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	299.00	102.51	105.00	16833	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	299.25	102.50	105.00	16828	0.00	0.08	5.2	4.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	299.50	102.50	105.00	16824	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	299.75	102.49	105.00	16820	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	300.00	102.49	105.00	16816	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	300.25	102.49	105.00	16812	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	300.50	102.48	105.00	16808	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	300.75	102.48	105.00	16804	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	301.00	102.47	105.00	16800	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	301.25	102.47	105.00	16795	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	301.50	102.47	105.00	16791	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	301.75	102.46	105.00	16787	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	302.00	102.46	105.00	16783	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	302.25	102.45	105.00	16779	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	302.50	102.45	105.00	16775	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	302.75	102.44	105.00	16771	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	303.00	102.44	105.00	16767	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	303.25	102.44	105.00	16763	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	303.50	102.43	105.00	16759	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	303.75	102.43	105.00	16755	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	304.00	102.42	105.00	16751	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	304.25	102.42	105.00	16747	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	304.50	102.42	105.00	16743	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	304.75	102.41	105.00	16739	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	305.00	102.41	105.00	16735	0.00	0.08	5.2	4.3
fdot100y10d	P700	BASE	305.25	102.40	105.00	16731	0.00	0.08	5.2	4.4
fdot100y10d	P700	BASE	305.50	102.40	105.00	16727	0.00	0.08	5.2	4.4
fdot100y10d	P700	BASE	305.75	102.40	105.00	16723	0.00	0.08	5.2	4.4
fdot100y10d	P700	BASE	306.00	102.39	105.00	16719	0.00	0.08	5.2	4.4
fdot100y10d	P700	BASE	306.25	102.39	105.00	16715	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	306.50	102.38	105.00	16711	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	306.75	102.38	105.00	16707	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	307.00	102.38	105.00	16703	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	307.25	102.37	105.00	16699	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	307.50	102.37	105.00	16695	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	307.75	102.36	105.00	16692	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	308.00	102.36	105.00	16688	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	308.25	102.36	105.00	16684	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	308.50	102.35	105.00	16680	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	308.75	102.35	105.00	16676	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	309.00	102.34	105.00	16672	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	309.25	102.34	105.00	16668	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	309.50	102.34	105.00	16664	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	309.75	102.33	105.00	16660	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	310.00	102.33	105.00	16657	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	310.25	102.32	105.00	16653	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	310.50	102.32	105.00	16649	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	310.75	102.32	105.00	16645	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	311.00	102.31	105.00	16641	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	311.25	102.31	105.00	16637	0.00	0.07	5.2	4.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	311.50	102.30	105.00	16634	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	311.75	102.30	105.00	16630	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	312.00	102.30	105.00	16626	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	312.25	102.29	105.00	16622	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	312.50	102.29	105.00	16618	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	312.75	102.29	105.00	16615	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	313.00	102.28	105.00	16611	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	313.25	102.28	105.00	16607	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	313.50	102.27	105.00	16603	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	313.75	102.27	105.00	16599	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	314.00	102.27	105.00	16596	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	314.25	102.26	105.00	16592	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	314.50	102.26	105.00	16588	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	314.75	102.25	105.00	16584	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	315.00	102.25	105.00	16581	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	315.25	102.25	105.00	16577	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	315.50	102.24	105.00	16573	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	315.75	102.24	105.00	16570	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	316.00	102.24	105.00	16566	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	316.25	102.23	105.00	16562	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	316.50	102.23	105.00	16558	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	316.75	102.22	105.00	16555	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	317.00	102.22	105.00	16551	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	317.25	102.22	105.00	16547	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	317.50	102.21	105.00	16544	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	317.75	102.21	105.00	16540	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	318.00	102.21	105.00	16536	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	318.25	102.20	105.00	16533	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	318.50	102.20	105.00	16529	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	318.75	102.19	105.00	16525	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	319.00	102.19	105.00	16522	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	319.25	102.19	105.00	16518	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	319.50	102.18	105.00	16514	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	319.75	102.18	105.00	16511	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	320.00	102.18	105.00	16507	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	320.25	102.17	105.00	16504	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	320.50	102.17	105.00	16500	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	320.75	102.16	105.00	16496	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	321.00	102.16	105.00	16493	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	321.25	102.16	105.00	16489	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	321.50	102.15	105.00	16486	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	321.75	102.15	105.00	16482	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	322.00	102.15	105.00	16478	0.00	0.07	5.2	4.4
fdot100y10d	P700	BASE	322.25	102.14	105.00	16475	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	322.50	102.14	105.00	16471	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	322.75	102.14	105.00	16468	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	323.00	102.13	105.00	16464	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	323.25	102.13	105.00	16461	0.00	0.07	5.2	4.5

½ VOLUME RECOVERY
3.4 DAYS AFTER
10 DAY EVENT

4/30/2009,6:25:27 PM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	323.50	102.12	105.00	16457	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	323.75	102.12	105.00	16453	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	324.00	102.12	105.00	16450	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	324.25	102.11	105.00	16446	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	324.50	102.11	105.00	16443	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	324.75	102.11	105.00	16439	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	325.00	102.10	105.00	16436	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	325.25	102.10	105.00	16432	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	325.50	102.10	105.00	16429	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	325.75	102.09	105.00	16425	0.00	0.07	5.2	4.5
fdot100y10d	P700	BASE	326.00	102.09	105.00	16422	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	326.25	102.09	105.00	16418	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	326.50	102.08	105.00	16415	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	326.75	102.08	105.00	16411	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	327.00	102.07	105.00	16408	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	327.25	102.07	105.00	16404	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	327.50	102.07	105.00	16401	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	327.75	102.06	105.00	16398	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	328.00	102.06	105.00	16394	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	328.25	102.06	105.00	16391	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	328.50	102.05	105.00	16387	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	328.75	102.05	105.00	16384	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	329.00	102.05	105.00	16380	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	329.25	102.04	105.00	16377	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	329.50	102.04	105.00	16373	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	329.75	102.04	105.00	16370	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	330.00	102.03	105.00	16367	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	330.25	102.03	105.00	16363	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	330.50	102.03	105.00	16360	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	330.75	102.02	105.00	16356	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	331.00	102.02	105.00	16353	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	331.25	102.01	105.00	16350	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	331.50	102.01	105.00	16346	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	331.75	102.01	105.00	16343	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	332.00	102.00	105.00	16340	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	332.25	102.00	105.00	16336	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	332.50	102.00	105.00	16333	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	332.75	101.99	105.00	16329	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	333.00	101.99	105.00	16326	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	333.25	101.99	105.00	16323	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	333.50	101.98	105.00	16319	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	333.75	101.98	105.00	16316	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	334.00	101.98	105.00	16313	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	334.25	101.97	105.00	16309	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	334.50	101.97	105.00	16306	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	334.75	101.97	105.00	16303	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	335.00	101.96	105.00	16299	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	335.25	101.96	105.00	16296	0.00	0.06	5.2	4.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	335.50	101.96	105.00	16293	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	335.75	101.95	105.00	16290	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	336.00	101.95	105.00	16286	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	336.25	101.95	105.00	16283	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	336.50	101.94	105.00	16280	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	336.75	101.94	105.00	16276	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	337.00	101.94	105.00	16273	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	337.25	101.93	105.00	16270	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	337.50	101.93	105.00	16267	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	337.75	101.93	105.00	16263	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	338.00	101.92	105.00	16260	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	338.25	101.92	105.00	16257	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	338.50	101.92	105.00	16254	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	338.75	101.91	105.00	16250	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	339.00	101.91	105.00	16247	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	339.25	101.91	105.00	16244	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	339.50	101.90	105.00	16241	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	339.75	101.90	105.00	16237	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	340.00	101.90	105.00	16234	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	340.25	101.89	105.00	16231	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	340.50	101.89	105.00	16228	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	340.75	101.89	105.00	16225	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	341.00	101.88	105.00	16221	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	341.25	101.88	105.00	16218	0.00	0.06	5.2	4.5
fdot100y10d	P700	BASE	341.50	101.88	105.00	16215	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	341.75	101.87	105.00	16212	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	342.00	101.87	105.00	16209	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	342.25	101.87	105.00	16205	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	342.50	101.86	105.00	16202	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	342.75	101.86	105.00	16199	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	343.00	101.86	105.00	16196	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	343.25	101.85	105.00	16193	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	343.50	101.85	105.00	16190	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	343.75	101.85	105.00	16186	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	344.00	101.85	105.00	16183	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	344.25	101.84	105.00	16180	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	344.50	101.84	105.00	16177	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	344.75	101.84	105.00	16174	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	345.00	101.83	105.00	16171	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	345.25	101.83	105.00	16168	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	345.50	101.83	105.00	16165	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	345.75	101.82	105.00	16161	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	346.00	101.82	105.00	16158	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	346.25	101.82	105.00	16155	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	346.50	101.81	105.00	16152	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	346.75	101.81	105.00	16149	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	347.00	101.81	105.00	16146	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	347.25	101.80	105.00	16143	0.00	0.06	5.2	4.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	347.50	101.80	105.00	16140	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	347.75	101.80	105.00	16137	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	348.00	101.79	105.00	16134	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	348.25	101.79	105.00	16131	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	348.50	101.79	105.00	16127	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	348.75	101.79	105.00	16124	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	349.00	101.78	105.00	16121	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	349.25	101.78	105.00	16118	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	349.50	101.78	105.00	16115	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	349.75	101.77	105.00	16112	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	350.00	101.77	105.00	16109	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	350.25	101.77	105.00	16106	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	350.50	101.76	105.00	16103	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	350.75	101.76	105.00	16100	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	351.00	101.76	105.00	16097	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	351.25	101.75	105.00	16094	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	351.50	101.75	105.00	16091	0.00	0.06	5.2	4.6
fdot100y10d	P700	BASE	351.75	101.75	105.00	16088	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	352.00	101.74	105.00	16085	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	352.25	101.74	105.00	16082	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	352.50	101.74	105.00	16079	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	352.75	101.74	105.00	16076	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	353.00	101.73	105.00	16073	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	353.25	101.73	105.00	16070	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	353.50	101.73	105.00	16067	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	353.75	101.72	105.00	16064	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	354.00	101.72	105.00	16061	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	354.25	101.72	105.00	16058	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	354.50	101.71	105.00	16055	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	354.75	101.71	105.00	16052	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	355.00	101.71	105.00	16049	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	355.25	101.71	105.00	16046	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	355.50	101.70	105.00	16043	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	355.75	101.70	105.00	16040	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	356.00	101.70	105.00	16037	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	356.25	101.69	105.00	16034	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	356.50	101.69	105.00	16031	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	356.75	101.69	105.00	16029	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	357.00	101.68	105.00	16026	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	357.25	101.68	105.00	16023	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	357.50	101.68	105.00	16020	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	357.75	101.68	105.00	16017	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	358.00	101.67	105.00	16014	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	358.25	101.67	105.00	16011	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	358.50	101.67	105.00	16008	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	358.75	101.66	105.00	16005	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	359.00	101.66	105.00	16002	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	359.25	101.66	105.00	15999	0.00	0.05	5.2	4.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	359.50	101.65	105.00	15997	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	359.75	101.65	105.00	15994	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	360.00	101.65	105.00	15991	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	360.25	101.65	105.00	15988	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	360.50	101.64	105.00	15985	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	360.75	101.64	105.00	15982	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	361.00	101.64	105.00	15979	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	361.25	101.63	105.00	15976	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	361.50	101.63	105.00	15974	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	361.75	101.63	105.00	15971	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	362.00	101.63	105.00	15968	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	362.25	101.62	105.00	15965	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	362.50	101.62	105.00	15962	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	362.75	101.62	105.00	15959	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	363.00	101.61	105.00	15956	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	363.25	101.61	105.00	15954	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	363.50	101.61	105.00	15951	0.00	0.05	5.2	4.6
fdot100y10d	P700	BASE	363.75	101.61	105.00	15948	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	364.00	101.60	105.00	15945	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	364.25	101.60	105.00	15942	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	364.50	101.60	105.00	15940	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	364.75	101.59	105.00	15937	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	365.00	101.59	105.00	15934	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	365.25	101.59	105.00	15931	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	365.50	101.59	105.00	15928	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	365.75	101.58	105.00	15925	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	366.00	101.58	105.00	15923	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	366.25	101.58	105.00	15920	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	366.50	101.57	105.00	15917	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	366.75	101.57	105.00	15914	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	367.00	101.57	105.00	15912	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	367.25	101.57	105.00	15909	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	367.50	101.56	105.00	15906	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	367.75	101.56	105.00	15903	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	368.00	101.56	105.00	15900	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	368.25	101.55	105.00	15898	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	368.50	101.55	105.00	15895	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	368.75	101.55	105.00	15892	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	369.00	101.55	105.00	15889	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	369.25	101.54	105.00	15887	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	369.50	101.54	105.00	15884	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	369.75	101.54	105.00	15881	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	370.00	101.53	105.00	15879	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	370.25	101.53	105.00	15876	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	370.50	101.53	105.00	15873	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	370.75	101.53	105.00	15870	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	371.00	101.52	105.00	15868	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	371.25	101.52	105.00	15865	0.00	0.05	5.2	4.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	371.50	101.52	105.00	15862	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	371.75	101.51	105.00	15859	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	372.00	101.51	105.00	15857	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	372.25	101.51	105.00	15854	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	372.50	101.51	105.00	15851	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	372.75	101.50	105.00	15849	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	373.00	101.50	105.00	15846	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	373.25	101.50	105.00	15843	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	373.50	101.50	105.00	15841	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	373.75	101.49	105.00	15838	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	374.00	101.49	105.00	15835	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	374.25	101.49	105.00	15833	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	374.50	101.48	105.00	15830	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	374.75	101.48	105.00	15827	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	375.00	101.48	105.00	15825	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	375.25	101.48	105.00	15822	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	375.50	101.47	105.00	15819	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	375.75	101.47	105.00	15817	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	376.00	101.47	105.00	15814	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	376.25	101.47	105.00	15811	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	376.50	101.46	105.00	15809	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	376.75	101.46	105.00	15806	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	377.00	101.46	105.00	15803	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	377.25	101.45	105.00	15801	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	377.50	101.45	105.00	15798	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	377.75	101.45	105.00	15795	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	378.00	101.45	105.00	15793	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	378.25	101.44	105.00	15790	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	378.50	101.44	105.00	15788	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	378.75	101.44	105.00	15785	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	379.00	101.44	105.00	15782	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	379.25	101.43	105.00	15780	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	379.50	101.43	105.00	15777	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	379.75	101.43	105.00	15775	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	380.00	101.43	105.00	15772	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	380.25	101.42	105.00	15769	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	380.50	101.42	105.00	15767	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	380.75	101.42	105.00	15764	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	381.00	101.41	105.00	15762	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	381.25	101.41	105.00	15759	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	381.50	101.41	105.00	15756	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	381.75	101.41	105.00	15754	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	382.00	101.40	105.00	15751	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	382.25	101.40	105.00	15749	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	382.50	101.40	105.00	15746	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	382.75	101.40	105.00	15744	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	383.00	101.39	105.00	15741	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	383.25	101.39	105.00	15738	0.00	0.05	5.2	4.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	383.50	101.39	105.00	15736	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	383.75	101.39	105.00	15733	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	384.00	101.38	105.00	15731	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	384.25	101.38	105.00	15728	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	384.50	101.38	105.00	15726	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	384.75	101.38	105.00	15723	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	385.00	101.37	105.00	15721	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	385.25	101.37	105.00	15718	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	385.50	101.37	105.00	15716	0.00	0.05	5.2	4.7
fdot100y10d	P700	BASE	385.75	101.37	105.00	15713	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	386.00	101.36	105.00	15710	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	386.25	101.36	105.00	15708	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	386.50	101.36	105.00	15705	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	386.75	101.36	105.00	15703	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	387.00	101.35	105.00	15700	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	387.25	101.35	105.00	15698	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	387.50	101.35	105.00	15695	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	387.75	101.34	105.00	15693	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	388.00	101.34	105.00	15690	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	388.25	101.34	105.00	15688	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	388.50	101.34	105.00	15685	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	388.75	101.33	105.00	15683	0.00	0.04	5.2	4.7
fdot100y10d	P700	BASE	389.00	101.33	105.00	15680	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	389.25	101.33	105.00	15678	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	389.50	101.33	105.00	15675	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	389.75	101.32	105.00	15673	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	390.00	101.32	105.00	15671	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	390.25	101.32	105.00	15668	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	390.50	101.32	105.00	15666	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	390.75	101.31	105.00	15663	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	391.00	101.31	105.00	15661	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	391.25	101.31	105.00	15658	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	391.50	101.31	105.00	15656	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	391.75	101.30	105.00	15653	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	392.00	101.30	105.00	15651	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	392.25	101.30	105.00	15648	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	392.50	101.30	105.00	15646	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	392.75	101.29	105.00	15643	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	393.00	101.29	105.00	15641	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	393.25	101.29	105.00	15639	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	393.50	101.29	105.00	15636	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	393.75	101.28	105.00	15634	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	394.00	101.28	105.00	15631	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	394.25	101.28	105.00	15629	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	394.50	101.28	105.00	15626	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	394.75	101.27	105.00	15624	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	395.00	101.27	105.00	15622	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	395.25	101.27	105.00	15619	0.00	0.04	5.2	4.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	395.50	101.27	105.00	15617	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	395.75	101.26	105.00	15614	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	396.00	101.26	105.00	15612	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	396.25	101.26	105.00	15610	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	396.50	101.26	105.00	15607	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	396.75	101.25	105.00	15605	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	397.00	101.25	105.00	15602	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	397.25	101.25	105.00	15600	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	397.50	101.25	105.00	15598	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	397.75	101.25	105.00	15595	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	398.00	101.24	105.00	15593	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	398.25	101.24	105.00	15590	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	398.50	101.24	105.00	15588	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	398.75	101.24	105.00	15586	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	399.00	101.23	105.00	15583	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	399.25	101.23	105.00	15581	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	399.50	101.23	105.00	15579	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	399.75	101.23	105.00	15576	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	400.00	101.22	105.00	15574	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	400.25	101.22	105.00	15572	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	400.50	101.22	105.00	15569	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	400.75	101.22	105.00	15567	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	401.00	101.21	105.00	15564	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	401.25	101.21	105.00	15562	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	401.50	101.21	105.00	15560	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	401.75	101.21	105.00	15557	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	402.00	101.20	105.00	15555	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	402.25	101.20	105.00	15553	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	402.50	101.20	105.00	15550	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	402.75	101.20	105.00	15548	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	403.00	101.19	105.00	15546	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	403.25	101.19	105.00	15543	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	403.50	101.19	105.00	15541	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	403.75	101.19	105.00	15539	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	404.00	101.19	105.00	15537	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	404.25	101.18	105.00	15534	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	404.50	101.18	105.00	15532	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	404.75	101.18	105.00	15530	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	405.00	101.18	105.00	15527	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	405.25	101.17	105.00	15525	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	405.50	101.17	105.00	15523	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	405.75	101.17	105.00	15520	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	406.00	101.17	105.00	15518	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	406.25	101.16	105.00	15516	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	406.50	101.16	105.00	15513	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	406.75	101.16	105.00	15511	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	407.00	101.16	105.00	15509	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	407.25	101.15	105.00	15507	0.00	0.04	5.2	4.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	407.50	101.15	105.00	15504	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	407.75	101.15	105.00	15502	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	408.00	101.15	105.00	15500	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	408.25	101.15	105.00	15498	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	408.50	101.14	105.00	15495	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	408.75	101.14	105.00	15493	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	409.00	101.14	105.00	15491	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	409.25	101.14	105.00	15488	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	409.50	101.13	105.00	15486	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	409.75	101.13	105.00	15484	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	410.00	101.13	105.00	15482	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	410.25	101.13	105.00	15479	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	410.50	101.12	105.00	15477	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	410.75	101.12	105.00	15475	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	411.00	101.12	105.00	15473	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	411.25	101.12	105.00	15470	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	411.50	101.12	105.00	15468	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	411.75	101.11	105.00	15466	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	412.00	101.11	105.00	15464	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	412.25	101.11	105.00	15462	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	412.50	101.11	105.00	15459	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	412.75	101.10	105.00	15457	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	413.00	101.10	105.00	15455	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	413.25	101.10	105.00	15453	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	413.50	101.10	105.00	15450	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	413.75	101.10	105.00	15448	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	414.00	101.09	105.00	15446	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	414.25	101.09	105.00	15444	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	414.50	101.09	105.00	15442	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	414.75	101.09	105.00	15439	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	415.00	101.08	105.00	15437	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	415.25	101.08	105.00	15435	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	415.50	101.08	105.00	15433	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	415.75	101.08	105.00	15431	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	416.00	101.07	105.00	15428	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	416.25	101.07	105.00	15426	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	416.50	101.07	105.00	15424	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	416.75	101.07	105.00	15422	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	417.00	101.07	105.00	15420	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	417.25	101.06	105.00	15417	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	417.50	101.06	105.00	15415	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	417.75	101.06	105.00	15413	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	418.00	101.06	105.00	15411	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	418.25	101.05	105.00	15409	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	418.50	101.05	105.00	15407	0.00	0.04	5.2	4.8
fdot100y10d	P700	BASE	418.75	101.05	105.00	15404	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	419.00	101.05	105.00	15402	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	419.25	101.05	105.00	15400	0.00	0.04	5.2	4.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	419.50	101.04	105.00	15398	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	419.75	101.04	105.00	15396	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	420.00	101.04	105.00	15394	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	420.25	101.04	105.00	15391	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	420.50	101.04	105.00	15389	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	420.75	101.03	105.00	15387	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	421.00	101.03	105.00	15385	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	421.25	101.03	105.00	15383	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	421.50	101.03	105.00	15381	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	421.75	101.02	105.00	15379	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	422.00	101.02	105.00	15376	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	422.25	101.02	105.00	15374	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	422.50	101.02	105.00	15372	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	422.75	101.02	105.00	15370	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	423.00	101.01	105.00	15368	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	423.25	101.01	105.00	15366	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	423.50	101.01	105.00	15364	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	423.75	101.01	105.00	15361	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	424.00	101.00	105.00	15359	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	424.25	101.00	105.00	15357	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	424.50	101.00	105.00	15355	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	424.75	101.00	105.00	15353	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	425.00	101.00	105.00	15351	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	425.25	100.99	105.00	15349	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	425.50	100.99	105.00	15347	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	425.75	100.99	105.00	15345	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	426.00	100.99	105.00	15342	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	426.25	100.99	105.00	15340	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	426.50	100.98	105.00	15338	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	426.75	100.98	105.00	15336	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	427.00	100.98	105.00	15334	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	427.25	100.98	105.00	15332	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	427.50	100.97	105.00	15330	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	427.75	100.97	105.00	15328	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	428.00	100.97	105.00	15326	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	428.25	100.97	105.00	15324	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	428.50	100.97	105.00	15322	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	428.75	100.96	105.00	15320	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	429.00	100.96	105.00	15317	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	429.25	100.96	105.00	15315	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	429.50	100.96	105.00	15313	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	429.75	100.96	105.00	15311	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	430.00	100.95	105.00	15309	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	430.25	100.95	105.00	15307	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	430.50	100.95	105.00	15305	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	430.75	100.95	105.00	15303	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	431.00	100.94	105.00	15301	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	431.25	100.94	105.00	15299	0.00	0.04	5.2	4.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	431.50	100.94	105.00	15297	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	431.75	100.94	105.00	15295	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	432.00	100.94	105.00	15293	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	432.25	100.93	105.00	15291	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	432.50	100.93	105.00	15289	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	432.75	100.93	105.00	15287	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	433.00	100.93	105.00	15285	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	433.25	100.93	105.00	15283	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	433.50	100.92	105.00	15280	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	433.75	100.92	105.00	15278	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	434.00	100.92	105.00	15276	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	434.25	100.92	105.00	15274	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	434.50	100.92	105.00	15272	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	434.75	100.91	105.00	15270	0.00	0.04	5.2	4.9
fdot100y10d	P700	BASE	435.00	100.91	105.00	15268	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	435.25	100.91	105.00	15266	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	435.50	100.91	105.00	15264	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	435.75	100.91	105.00	15262	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	436.00	100.90	105.00	15260	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	436.25	100.90	105.00	15258	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	436.50	100.90	105.00	15256	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	436.75	100.90	105.00	15254	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	437.00	100.90	105.00	15252	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	437.25	100.89	105.00	15250	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	437.50	100.89	105.00	15248	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	437.75	100.89	105.00	15246	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	438.00	100.89	105.00	15244	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	438.25	100.89	105.00	15242	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	438.50	100.88	105.00	15240	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	438.75	100.88	105.00	15238	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	439.00	100.88	105.00	15236	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	439.25	100.88	105.00	15234	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	439.50	100.87	105.00	15232	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	439.75	100.87	105.00	15230	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	440.00	100.87	105.00	15228	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	440.25	100.87	105.00	15226	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	440.50	100.87	105.00	15224	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	440.75	100.86	105.00	15222	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	441.00	100.86	105.00	15220	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	441.25	100.86	105.00	15218	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	441.50	100.86	105.00	15216	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	441.75	100.86	105.00	15214	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	442.00	100.85	105.00	15213	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	442.25	100.85	105.00	15211	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	442.50	100.85	105.00	15209	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	442.75	100.85	105.00	15207	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	443.00	100.85	105.00	15205	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	443.25	100.84	105.00	15203	0.00	0.03	5.2	4.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	443.50	100.84	105.00	15201	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	443.75	100.84	105.00	15199	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	444.00	100.84	105.00	15197	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	444.25	100.84	105.00	15195	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	444.50	100.83	105.00	15193	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	444.75	100.83	105.00	15191	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	445.00	100.83	105.00	15189	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	445.25	100.83	105.00	15187	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	445.50	100.83	105.00	15185	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	445.75	100.82	105.00	15183	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	446.00	100.82	105.00	15181	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	446.25	100.82	105.00	15179	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	446.50	100.82	105.00	15178	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	446.75	100.82	105.00	15176	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	447.00	100.82	105.00	15174	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	447.25	100.81	105.00	15172	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	447.50	100.81	105.00	15170	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	447.75	100.81	105.00	15168	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	448.00	100.81	105.00	15166	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	448.25	100.81	105.00	15164	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	448.50	100.80	105.00	15162	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	448.75	100.80	105.00	15160	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	449.00	100.80	105.00	15158	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	449.25	100.80	105.00	15156	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	449.50	100.80	105.00	15155	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	449.75	100.79	105.00	15153	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	450.00	100.79	105.00	15151	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	450.25	100.79	105.00	15149	0.00	0.03	5.2	4.9
fdot100y10d	P700	BASE	454.25	100.76	105.00	15119	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	458.25	100.73	105.00	15089	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	462.25	100.70	105.00	15060	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	466.25	100.67	105.00	15031	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	470.25	100.64	105.00	15003	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	474.25	100.61	105.00	14975	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	478.25	100.58	105.00	14947	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	482.25	100.56	105.00	14920	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	486.25	100.53	105.00	14893	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	490.25	100.50	105.00	14867	0.00	0.03	5.2	5.0
fdot100y10d	P700	BASE	494.25	100.48	105.00	14841	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	498.25	100.45	105.00	14815	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	502.25	100.42	105.00	14790	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	506.25	100.40	105.00	14765	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	510.25	100.37	105.00	14741	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	514.25	100.35	105.00	14716	0.00	0.03	5.2	5.1
fdot100y10d	P700	BASE	518.25	100.32	105.00	14692	0.00	0.02	5.2	5.1
fdot100y10d	P700	BASE	522.25	100.30	105.00	14669	0.00	0.02	5.2	5.1
fdot100y10d	P700	BASE	526.25	100.28	105.00	14645	0.00	0.02	5.2	5.1
fdot100y10d	P700	BASE	530.25	100.25	105.00	14622	0.00	0.02	5.2	5.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P700	BASE	534.25	100.23	105.00	14600	0.00	0.02	5.2	5.1	
fdot100y10d	P700	BASE	538.25	100.21	105.00	14577	0.00	0.02	5.2	5.1	
fdot100y10d	P700	BASE	542.25	100.18	105.00	14555	0.00	0.02	5.2	5.1	
fdot100y10d	P700	BASE	546.25	100.16	105.00	14533	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	550.25	100.14	105.00	14511	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	554.25	100.12	105.00	14490	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	558.25	100.10	105.00	14469	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	562.25	100.07	105.00	14448	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	566.25	100.05	105.00	14427	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	570.25	100.03	105.00	14407	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	574.25	100.01	105.00	14387	0.00	0.02	5.2	5.2	
fdot100y10d	P700	BASE	578.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	FULL VOLUME
fdot100y10d	P700	BASE	582.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	RECOVERY
fdot100y10d	P700	BASE	586.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	14.1 DAYS AFTER
fdot100y10d	P700	BASE	590.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	594.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	10 DAY EVENT
fdot100y10d	P700	BASE	598.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	602.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	606.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	610.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	614.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	618.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	622.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	626.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	630.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	634.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	638.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	642.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	646.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	650.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	654.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	658.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	662.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	666.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	670.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	674.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	678.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	682.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	686.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	690.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	694.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	698.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	702.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	706.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	710.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	714.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	718.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	
fdot100y10d	P700	BASE	722.25	100.00	105.00	14375	0.00	0.00	5.2	5.2	

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	726.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	730.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	734.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	738.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	742.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	746.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	750.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	754.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	758.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	762.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	766.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	770.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	774.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	778.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	782.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	786.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	790.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	794.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	798.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	802.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	806.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	810.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	814.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	818.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	822.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	826.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	830.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	834.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	838.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	842.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	846.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	850.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	854.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	858.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	862.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	866.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	870.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	874.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	878.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	882.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	886.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	890.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	894.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	898.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	902.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	906.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	910.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	914.25	100.00	105.00	14375	0.00	0.00	5.2	5.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P700	BASE	918.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	922.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	926.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	930.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	934.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	938.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	942.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	946.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	950.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	954.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	958.25	100.00	105.00	14375	0.00	0.00	5.2	5.2
fdot100y10d	P700	BASE	960.01	100.00	105.00	14375	0.00	0.00	5.2	5.2

Basins

Name: B800 Node: P800 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-240 Storm Duration(hrs): 240.00
Rainfall Amount(in): 19.500 Time of Conc(min): 20.00
Area(ac): 23.300 Time Shift(hrs): 0.00
Curve Number: 79.29 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Nodes

Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 84.000
Group: BASE Warn Stage(ft): 86.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	84.000
960.00	84.000

Name: P800 Base Flow(cfs): 0.000 Init Stage(ft): 92.100
Group: BASE Warn Stage(ft): 94.000
Type: Stage/Area

Stage(ft)	Area(ac)
92.100	3.8400
94.000	3.9900

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 84.000
Group: BASE Warn Stage(ft): 86.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	84.000
960.00	84.000

Weirs

Name: OUT800 From Node: P800
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 94.000
Control Elevation(ft): 94.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P800 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 82.000 Perimeter 1(ft): 1652.000
Water Table Elev(ft): 84.000 Perimeter 2(ft): 2280.000
**********0.000 Perimeter 3(ft): 7935.000
Horiz Conductivity(ft/day): 27.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.000 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 8.100

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==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
960.000	30.00

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==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
200.000	90.000
450.000	15.000
960.000	240.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
960.000	15.000

Group	Run
BASE	Yes

US 301 Basin 800
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	0.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	1.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	3.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	4.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	6.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	7.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	9.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	10.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	12.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	13.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	15.00	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	16.50	92.10	94.00	167270	0.00	0.00	0.0	0.0
fdot100y10d	P800	BASE	18.00	92.10	94.00	167270	0.03	0.03	0.0	0.0
fdot100y10d	P800	BASE	19.50	92.10	94.00	167270	0.05	0.05	0.0	0.0
fdot100y10d	P800	BASE	21.00	92.10	94.00	167270	0.08	0.08	0.0	0.0
fdot100y10d	P800	BASE	22.50	92.10	94.00	167270	0.10	0.10	0.0	0.0
fdot100y10d	P800	BASE	24.00	92.10	94.00	167270	0.12	0.12	0.0	0.0
fdot100y10d	P800	BASE	25.50	92.10	94.00	167271	0.51	0.51	0.1	0.1
fdot100y10d	P800	BASE	27.00	92.10	94.00	167271	0.68	0.68	0.2	0.2
fdot100y10d	P800	BASE	28.50	92.10	94.00	167271	0.82	0.82	0.2	0.2
fdot100y10d	P800	BASE	30.00	92.10	94.00	167271	0.94	0.94	0.4	0.4
fdot100y10d	P800	BASE	31.50	92.10	94.00	167271	1.05	1.05	0.5	0.5
fdot100y10d	P800	BASE	33.00	92.10	94.00	167272	4.15	4.15	0.8	0.8
fdot100y10d	P800	BASE	34.50	92.10	94.00	167272	5.46	5.46	1.4	1.4
fdot100y10d	P800	BASE	36.00	92.10	94.00	167272	6.10	6.10	2.1	2.1
fdot100y10d	P800	BASE	37.50	92.10	94.00	167272	6.56	6.56	2.9	2.9
fdot100y10d	P800	BASE	39.00	92.10	94.00	167273	6.90	6.90	3.7	3.7
fdot100y10d	P800	BASE	40.50	92.10	94.00	167272	3.78	3.79	4.4	4.4
fdot100y10d	P800	BASE	42.00	92.10	94.00	167271	1.50	1.50	4.7	4.7
fdot100y10d	P800	BASE	43.50	92.10	94.00	167271	1.51	1.51	4.9	4.9
fdot100y10d	P800	BASE	45.00	92.10	94.00	167271	1.52	1.52	5.1	5.1
fdot100y10d	P800	BASE	46.50	92.10	94.00	167271	1.53	1.53	5.3	5.3
fdot100y10d	P800	BASE	48.00	92.10	94.00	167271	1.54	1.54	5.5	5.5
fdot100y10d	P800	BASE	49.50	92.10	94.00	167271	1.35	1.35	5.7	5.7
fdot100y10d	P800	BASE	51.00	92.10	94.00	167271	1.35	1.35	5.8	5.8
fdot100y10d	P800	BASE	52.50	92.10	94.00	167271	1.36	1.36	6.0	6.0
fdot100y10d	P800	BASE	54.00	92.10	94.00	167271	1.36	1.36	6.2	6.2
fdot100y10d	P800	BASE	55.50	92.10	94.00	167271	1.37	1.37	6.3	6.3
fdot100y10d	P800	BASE	57.00	92.10	94.00	167271	1.32	1.32	6.5	6.5
fdot100y10d	P800	BASE	58.50	92.10	94.00	167271	1.32	1.32	6.7	6.7
fdot100y10d	P800	BASE	60.00	92.10	94.00	167271	1.32	1.32	6.8	6.8
fdot100y10d	P800	BASE	61.50	92.10	94.00	167271	1.33	1.33	7.0	7.0
fdot100y10d	P800	BASE	63.00	92.10	94.00	167271	1.33	1.33	7.1	7.1
fdot100y10d	P800	BASE	64.50	92.10	94.00	167271	1.37	1.37	7.3	7.3
fdot100y10d	P800	BASE	66.00	92.10	94.00	167271	1.39	1.39	7.5	7.5
fdot100y10d	P800	BASE	67.50	92.10	94.00	167271	1.40	1.40	7.7	7.7
fdot100y10d	P800	BASE	69.00	92.10	94.00	167271	1.40	1.40	7.8	7.8
fdot100y10d	P800	BASE	70.50	92.10	94.00	167271	1.40	1.40	8.0	8.0

US 301 Basin 800
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	72.00	92.10	94.00	167271	1.41	1.41	8.2	8.2
fdot100y10d	P800	BASE	73.50	92.10	94.00	167271	0.39	0.39	8.3	8.3
fdot100y10d	P800	BASE	75.00	92.10	94.00	167271	0.37	0.37	8.3	8.3
fdot100y10d	P800	BASE	76.50	92.10	94.00	167271	0.37	0.37	8.4	8.4
fdot100y10d	P800	BASE	78.00	92.10	94.00	167271	0.37	0.37	8.4	8.4
fdot100y10d	P800	BASE	79.50	92.10	94.00	167271	0.37	0.37	8.5	8.5
fdot100y10d	P800	BASE	81.00	92.10	94.00	167270	0.32	0.32	8.5	8.5
fdot100y10d	P800	BASE	82.50	92.10	94.00	167270	0.31	0.31	8.6	8.6
fdot100y10d	P800	BASE	84.00	92.10	94.00	167270	0.31	0.31	8.6	8.6
fdot100y10d	P800	BASE	85.50	92.10	94.00	167270	0.31	0.31	8.6	8.6
fdot100y10d	P800	BASE	87.00	92.10	94.00	167270	0.31	0.31	8.7	8.7
fdot100y10d	P800	BASE	88.50	92.10	94.00	167271	0.35	0.35	8.7	8.7
fdot100y10d	P800	BASE	90.00	92.10	94.00	167271	0.37	0.37	8.8	8.8
fdot100y10d	P800	BASE	91.50	92.10	94.00	167271	0.37	0.37	8.8	8.8
fdot100y10d	P800	BASE	93.00	92.10	94.00	167271	0.37	0.37	8.9	8.9
fdot100y10d	P800	BASE	94.50	92.10	94.00	167271	0.37	0.37	8.9	8.9
fdot100y10d	P800	BASE	96.00	92.10	94.00	167271	0.37	0.37	8.9	8.9
fdot100y10d	P800	BASE	97.50	92.10	94.00	167271	0.37	0.37	9.0	9.0
fdot100y10d	P800	BASE	99.00	92.10	94.00	167271	0.37	0.37	9.0	9.0
fdot100y10d	P800	BASE	100.50	92.10	94.00	167271	0.37	0.37	9.1	9.1
fdot100y10d	P800	BASE	102.00	92.10	94.00	167271	0.37	0.37	9.1	9.1
fdot100y10d	P800	BASE	103.50	92.10	94.00	167271	0.37	0.37	9.2	9.2
fdot100y10d	P800	BASE	105.00	92.10	94.00	167270	0.32	0.32	9.2	9.2
fdot100y10d	P800	BASE	106.50	92.10	94.00	167270	0.32	0.32	9.3	9.3
fdot100y10d	P800	BASE	108.00	92.10	94.00	167270	0.32	0.32	9.3	9.3
fdot100y10d	P800	BASE	109.50	92.10	94.00	167270	0.32	0.32	9.3	9.3
fdot100y10d	P800	BASE	111.00	92.10	94.00	167270	0.32	0.32	9.4	9.4
fdot100y10d	P800	BASE	112.50	92.10	94.00	167271	0.35	0.35	9.4	9.4
fdot100y10d	P800	BASE	114.00	92.10	94.00	167271	0.37	0.37	9.5	9.5
fdot100y10d	P800	BASE	115.50	92.10	94.00	167271	0.37	0.37	9.5	9.5
fdot100y10d	P800	BASE	117.00	92.10	94.00	167271	0.37	0.37	9.5	9.5
fdot100y10d	P800	BASE	118.50	92.10	94.00	167271	0.37	0.37	9.6	9.6
fdot100y10d	P800	BASE	120.00	92.10	94.00	167271	0.37	0.37	9.6	9.6
fdot100y10d	P800	BASE	121.50	92.10	94.00	167271	0.37	0.37	9.7	9.7
fdot100y10d	P800	BASE	123.00	92.10	94.00	167271	0.37	0.37	9.7	9.7
fdot100y10d	P800	BASE	124.50	92.10	94.00	167271	0.37	0.37	9.8	9.8
fdot100y10d	P800	BASE	126.00	92.10	94.00	167271	0.37	0.37	9.8	9.8
fdot100y10d	P800	BASE	127.50	92.10	94.00	167271	0.37	0.37	9.9	9.9
fdot100y10d	P800	BASE	129.00	92.10	94.00	167271	0.32	0.32	9.9	9.9
fdot100y10d	P800	BASE	130.50	92.10	94.00	167270	0.32	0.32	10.0	10.0
fdot100y10d	P800	BASE	132.00	92.10	94.00	167270	0.32	0.32	10.0	10.0
fdot100y10d	P800	BASE	133.50	92.10	94.00	167270	0.32	0.32	10.0	10.0
fdot100y10d	P800	BASE	135.00	92.10	94.00	167270	0.32	0.32	10.1	10.1
fdot100y10d	P800	BASE	136.50	92.10	94.00	167271	0.35	0.35	10.1	10.1
fdot100y10d	P800	BASE	138.00	92.10	94.00	167271	0.37	0.37	10.2	10.2
fdot100y10d	P800	BASE	139.50	92.10	94.00	167271	0.37	0.37	10.2	10.2
fdot100y10d	P800	BASE	141.00	92.10	94.00	167271	0.37	0.37	10.2	10.2
fdot100y10d	P800	BASE	142.50	92.10	94.00	167271	0.37	0.37	10.3	10.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	144.00	92.10	94.00	167271	0.37	0.37	10.3	10.3
fdot100y10d	P800	BASE	145.50	92.11	94.00	167319	1.05	0.40	10.4	10.4
fdot100y10d	P800	BASE	147.00	92.14	94.00	167392	1.07	0.40	10.6	10.4
fdot100y10d	P800	BASE	148.50	92.16	94.00	167466	1.07	0.41	10.7	10.5
fdot100y10d	P800	BASE	150.00	92.18	94.00	167539	1.07	0.41	10.8	10.5
fdot100y10d	P800	BASE	151.50	92.20	94.00	167613	1.07	0.41	11.0	10.6
fdot100y10d	P800	BASE	153.00	92.22	94.00	167686	1.07	0.41	11.1	10.6
fdot100y10d	P800	BASE	154.50	92.24	94.00	167759	1.07	0.41	11.2	10.7
fdot100y10d	P800	BASE	156.00	92.26	94.00	167832	1.07	0.41	11.4	10.7
fdot100y10d	P800	BASE	157.50	92.28	94.00	167905	1.07	0.41	11.5	10.8
fdot100y10d	P800	BASE	159.00	92.31	94.00	167978	1.07	0.41	11.6	10.8
fdot100y10d	P800	BASE	160.50	92.33	94.00	168052	1.08	0.41	11.8	10.9
fdot100y10d	P800	BASE	162.00	92.35	94.00	168125	1.08	0.41	11.9	10.9
fdot100y10d	P800	BASE	163.50	92.37	94.00	168199	1.08	0.41	12.0	11.0
fdot100y10d	P800	BASE	165.00	92.39	94.00	168272	1.08	0.41	12.2	11.1
fdot100y10d	P800	BASE	166.50	92.41	94.00	168346	1.08	0.41	12.3	11.1
fdot100y10d	P800	BASE	168.00	92.43	94.00	168420	1.09	0.41	12.4	11.2
fdot100y10d	P800	BASE	169.50	92.51	94.00	168694	3.83	0.46	12.7	11.2
fdot100y10d	P800	BASE	171.00	92.62	94.00	169070	3.91	0.50	13.2	11.3
fdot100y10d	P800	BASE	172.50	92.73	94.00	169443	3.92	0.52	13.7	11.3
fdot100y10d	P800	BASE	174.00	92.84	94.00	169815	3.93	0.54	14.2	11.4
fdot100y10d	P800	BASE	175.50	92.95	94.00	170184	3.94	0.56	14.7	11.5
fdot100y10d	P800	BASE	177.00	93.18	94.00	170972	13.61	0.72	15.8	11.5
fdot100y10d	P800	BASE	178.50	93.62	94.00	172489	15.20	0.90	17.5	11.6
fdot100y10d	P800	BASE	180.00	94.06	94.00	174015	15.28	1.75	19.4	11.8
fdot100y10d	P800	BASE	181.50	94.34	94.00	174970	15.34	10.44	21.3	12.6
fdot100y10d	P800	BASE	183.00	94.42	94.00	175260	15.39	14.09	23.2	14.1
fdot100y10d	P800	BASE	184.50	94.42	94.00	175232	8.02	13.58	24.7	15.8
fdot100y10d	P800	BASE	186.00	94.25	94.00	174665	2.92	6.61	25.4	17.1
fdot100y10d	P800	BASE	187.50	94.18	94.00	174422	2.92	4.24	25.7	17.7
fdot100y10d	P800	BASE	189.01	94.15	94.00	174330	2.92	3.45	26.1	18.2
fdot100y10d	P800	BASE	190.51	94.14	94.00	174293	2.92	3.14	26.5	18.6
fdot100y10d	P800	BASE	192.01	94.14	94.00	174277	2.92	3.01	26.8	19.0
fdot100y10d	P800	BASE	193.51	94.12	94.00	174215	1.88	2.53	27.1	19.3
fdot100y10d	P800	BASE	195.01	94.11	94.00	174166	1.86	2.17	27.3	19.6
fdot100y10d	P800	BASE	196.51	94.10	94.00	174142	1.86	2.01	27.6	19.9
fdot100y10d	P800	BASE	198.01	94.09	94.00	174131	1.86	1.93	27.8	20.1
fdot100y10d	P800	BASE	199.51	94.09	94.00	174126	1.86	1.89	28.0	20.4
fdot100y10d	P800	BASE	201.01	94.09	94.00	174123	1.85	1.87	28.3	20.6
fdot100y10d	P800	BASE	201.26	94.09	94.00	174123	1.85	1.87	28.3	20.6
fdot100y10d	P800	BASE	201.51	94.09	94.00	174123	1.85	1.86	28.3	20.7
fdot100y10d	P800	BASE	201.76	94.09	94.00	174123	1.85	1.86	28.4	20.7
fdot100y10d	P800	BASE	202.01	94.09	94.00	174123	1.85	1.86	28.4	20.8
fdot100y10d	P800	BASE	202.26	94.09	94.00	174122	1.85	1.86	28.5	20.8
fdot100y10d	P800	BASE	202.51	94.09	94.00	174122	1.85	1.86	28.5	20.8
fdot100y10d	P800	BASE	202.76	94.09	94.00	174122	1.85	1.85	28.5	20.9
fdot100y10d	P800	BASE	203.01	94.09	94.00	174122	1.85	1.85	28.6	20.9
fdot100y10d	P800	BASE	203.26	94.09	94.00	174122	1.85	1.85	28.6	20.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	203.51	94.09	94.00	174122	1.85	1.85	28.6	21.0
fdot100y10d	P800	BASE	203.76	94.09	94.00	174122	1.85	1.85	28.7	21.0
fdot100y10d	P800	BASE	204.01	94.09	94.00	174122	1.85	1.85	28.7	21.1
fdot100y10d	P800	BASE	204.26	94.09	94.00	174122	1.85	1.85	28.8	21.1
fdot100y10d	P800	BASE	204.51	94.09	94.00	174122	1.85	1.85	28.8	21.1
fdot100y10d	P800	BASE	204.76	94.09	94.00	174122	1.85	1.85	28.8	21.2
fdot100y10d	P800	BASE	205.01	94.09	94.00	174123	1.85	1.85	28.9	21.2
fdot100y10d	P800	BASE	205.26	94.09	94.00	174123	1.85	1.85	28.9	21.2
fdot100y10d	P800	BASE	205.51	94.09	94.00	174123	1.85	1.85	29.0	21.3
fdot100y10d	P800	BASE	205.76	94.09	94.00	174123	1.85	1.85	29.0	21.3
fdot100y10d	P800	BASE	206.01	94.09	94.00	174123	1.85	1.85	29.0	21.4
fdot100y10d	P800	BASE	206.26	94.09	94.00	174123	1.85	1.85	29.1	21.4
fdot100y10d	P800	BASE	206.51	94.09	94.00	174123	1.85	1.85	29.1	21.4
fdot100y10d	P800	BASE	206.76	94.09	94.00	174123	1.85	1.85	29.1	21.5
fdot100y10d	P800	BASE	207.01	94.09	94.00	174123	1.85	1.85	29.2	21.5
fdot100y10d	P800	BASE	207.26	94.09	94.00	174123	1.85	1.85	29.2	21.6
fdot100y10d	P800	BASE	207.51	94.09	94.00	174124	1.85	1.85	29.3	21.6
fdot100y10d	P800	BASE	207.76	94.09	94.00	174124	1.85	1.85	29.3	21.6
fdot100y10d	P800	BASE	208.01	94.09	94.00	174124	1.85	1.85	29.3	21.7
fdot100y10d	P800	BASE	208.26	94.09	94.00	174124	1.87	1.85	29.4	21.7
fdot100y10d	P800	BASE	208.51	94.09	94.00	174125	1.89	1.85	29.4	21.7
fdot100y10d	P800	BASE	208.76	94.09	94.00	174125	1.90	1.86	29.5	21.8
fdot100y10d	P800	BASE	209.01	94.09	94.00	174126	1.91	1.86	29.5	21.8
fdot100y10d	P800	BASE	209.26	94.09	94.00	174127	1.91	1.86	29.5	21.9
fdot100y10d	P800	BASE	209.51	94.09	94.00	174128	1.91	1.87	29.6	21.9
fdot100y10d	P800	BASE	209.76	94.09	94.00	174129	1.92	1.87	29.6	21.9
fdot100y10d	P800	BASE	210.01	94.09	94.00	174129	1.92	1.88	29.6	22.0
fdot100y10d	P800	BASE	210.26	94.09	94.00	174130	1.92	1.88	29.7	22.0
fdot100y10d	P800	BASE	210.51	94.09	94.00	174131	1.92	1.88	29.7	22.1
fdot100y10d	P800	BASE	210.76	94.10	94.00	174131	1.92	1.89	29.8	22.1
fdot100y10d	P800	BASE	211.01	94.10	94.00	174132	1.92	1.89	29.8	22.1
fdot100y10d	P800	BASE	211.26	94.10	94.00	174132	1.92	1.89	29.8	22.2
fdot100y10d	P800	BASE	211.51	94.10	94.00	174133	1.92	1.89	29.9	22.2
fdot100y10d	P800	BASE	211.76	94.10	94.00	174133	1.92	1.90	29.9	22.3
fdot100y10d	P800	BASE	212.01	94.10	94.00	174133	1.92	1.90	30.0	22.3
fdot100y10d	P800	BASE	212.26	94.10	94.00	174134	1.92	1.90	30.0	22.3
fdot100y10d	P800	BASE	212.51	94.10	94.00	174134	1.92	1.90	30.0	22.4
fdot100y10d	P800	BASE	212.76	94.10	94.00	174134	1.92	1.90	30.1	22.4
fdot100y10d	P800	BASE	213.01	94.10	94.00	174135	1.92	1.90	30.1	22.4
fdot100y10d	P800	BASE	213.26	94.10	94.00	174135	1.92	1.90	30.2	22.5
fdot100y10d	P800	BASE	213.51	94.10	94.00	174135	1.92	1.90	30.2	22.5
fdot100y10d	P800	BASE	213.76	94.10	94.00	174135	1.92	1.90	30.2	22.6
fdot100y10d	P800	BASE	214.01	94.10	94.00	174135	1.92	1.91	30.3	22.6
fdot100y10d	P800	BASE	214.26	94.10	94.00	174136	1.92	1.91	30.3	22.6
fdot100y10d	P800	BASE	214.51	94.10	94.00	174136	1.92	1.91	30.4	22.7
fdot100y10d	P800	BASE	214.76	94.10	94.00	174136	1.92	1.91	30.4	22.7
fdot100y10d	P800	BASE	215.01	94.10	94.00	174136	1.92	1.91	30.4	22.8
fdot100y10d	P800	BASE	215.26	94.10	94.00	174136	1.92	1.91	30.5	22.8

US 301 Basin 800
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	215.51	94.10	94.00	174137	1.92	1.91	30.5	22.8
fdot100y10d	P800	BASE	215.76	94.10	94.00	174137	1.92	1.91	30.6	22.9
fdot100y10d	P800	BASE	216.01	94.10	94.00	174137	1.91	1.91	30.6	22.9
fdot100y10d	P800	BASE	216.26	94.10	94.00	174135	1.57	1.89	30.6	23.0
fdot100y10d	P800	BASE	216.51	94.09	94.00	174126	1.20	1.83	30.7	23.0
fdot100y10d	P800	BASE	216.76	94.09	94.00	174114	1.01	1.75	30.7	23.0
fdot100y10d	P800	BASE	217.01	94.09	94.00	174100	0.89	1.66	30.7	23.1
fdot100y10d	P800	BASE	217.26	94.08	94.00	174086	0.82	1.58	30.7	23.1
fdot100y10d	P800	BASE	217.51	94.08	94.00	174073	0.77	1.49	30.7	23.1
fdot100y10d	P800	BASE	217.76	94.07	94.00	174061	0.74	1.42	30.8	23.2
fdot100y10d	P800	BASE	218.01	94.07	94.00	174049	0.73	1.35	30.8	23.2
fdot100y10d	P800	BASE	218.26	94.07	94.00	174039	0.73	1.29	30.8	23.2
fdot100y10d	P800	BASE	218.51	94.07	94.00	174029	0.73	1.24	30.8	23.2
fdot100y10d	P800	BASE	218.76	94.06	94.00	174020	0.73	1.20	30.8	23.3
fdot100y10d	P800	BASE	219.01	94.06	94.00	174013	0.73	1.15	30.8	23.3
fdot100y10d	P800	BASE	219.26	94.06	94.00	174005	0.73	1.12	30.8	23.3
fdot100y10d	P800	BASE	219.51	94.06	94.00	173999	0.73	1.08	30.9	23.3
fdot100y10d	P800	BASE	219.76	94.05	94.00	173993	0.73	1.05	30.9	23.4
fdot100y10d	P800	BASE	220.01	94.05	94.00	173988	0.73	1.03	30.9	23.4
fdot100y10d	P800	BASE	220.26	94.05	94.00	173983	0.73	1.00	30.9	23.4
fdot100y10d	P800	BASE	220.51	94.05	94.00	173978	0.73	0.98	30.9	23.4
fdot100y10d	P800	BASE	220.76	94.05	94.00	173974	0.73	0.96	30.9	23.4
fdot100y10d	P800	BASE	221.01	94.05	94.00	173970	0.73	0.94	31.0	23.5
fdot100y10d	P800	BASE	221.26	94.05	94.00	173966	0.73	0.93	31.0	23.5
fdot100y10d	P800	BASE	221.51	94.05	94.00	173963	0.73	0.91	31.0	23.5
fdot100y10d	P800	BASE	221.76	94.05	94.00	173960	0.73	0.90	31.0	23.5
fdot100y10d	P800	BASE	222.01	94.04	94.00	173957	0.73	0.88	31.0	23.5
fdot100y10d	P800	BASE	222.26	94.04	94.00	173955	0.73	0.87	31.0	23.6
fdot100y10d	P800	BASE	222.51	94.04	94.00	173952	0.73	0.86	31.0	23.6
fdot100y10d	P800	BASE	222.76	94.04	94.00	173950	0.73	0.85	31.1	23.6
fdot100y10d	P800	BASE	223.01	94.04	94.00	173948	0.73	0.84	31.1	23.6
fdot100y10d	P800	BASE	223.26	94.04	94.00	173946	0.73	0.83	31.1	23.6
fdot100y10d	P800	BASE	223.51	94.04	94.00	173944	0.73	0.83	31.1	23.6
fdot100y10d	P800	BASE	223.76	94.04	94.00	173943	0.73	0.82	31.1	23.7
fdot100y10d	P800	BASE	224.01	94.04	94.00	173941	0.73	0.81	31.1	23.7
fdot100y10d	P800	BASE	224.26	94.04	94.00	173940	0.73	0.81	31.1	23.7
fdot100y10d	P800	BASE	224.51	94.04	94.00	173939	0.73	0.80	31.2	23.7
fdot100y10d	P800	BASE	224.76	94.04	94.00	173938	0.73	0.80	31.2	23.7
fdot100y10d	P800	BASE	225.01	94.04	94.00	173936	0.73	0.79	31.2	23.7
fdot100y10d	P800	BASE	225.26	94.04	94.00	173935	0.73	0.79	31.2	23.8
fdot100y10d	P800	BASE	225.51	94.04	94.00	173935	0.73	0.78	31.2	23.8
fdot100y10d	P800	BASE	225.76	94.04	94.00	173934	0.73	0.78	31.2	23.8
fdot100y10d	P800	BASE	226.01	94.04	94.00	173933	0.73	0.77	31.3	23.8
fdot100y10d	P800	BASE	226.26	94.04	94.00	173932	0.73	0.77	31.3	23.8
fdot100y10d	P800	BASE	226.51	94.04	94.00	173931	0.73	0.77	31.3	23.8
fdot100y10d	P800	BASE	226.76	94.04	94.00	173931	0.73	0.77	31.3	23.9
fdot100y10d	P800	BASE	227.01	94.04	94.00	173930	0.73	0.76	31.3	23.9
fdot100y10d	P800	BASE	227.26	94.04	94.00	173930	0.73	0.76	31.3	23.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	227.51	94.04	94.00	173929	0.73	0.76	31.3	23.9
fdot100y10d	P800	BASE	227.76	94.04	94.00	173929	0.73	0.76	31.4	23.9
fdot100y10d	P800	BASE	228.01	94.04	94.00	173928	0.73	0.75	31.4	23.9
fdot100y10d	P800	BASE	228.26	94.04	94.00	173928	0.73	0.75	31.4	24.0
fdot100y10d	P800	BASE	228.51	94.04	94.00	173928	0.73	0.75	31.4	24.0
fdot100y10d	P800	BASE	228.76	94.04	94.00	173927	0.73	0.75	31.4	24.0
fdot100y10d	P800	BASE	229.01	94.04	94.00	173927	0.73	0.75	31.4	24.0
fdot100y10d	P800	BASE	229.26	94.04	94.00	173927	0.73	0.75	31.5	24.0
fdot100y10d	P800	BASE	229.51	94.04	94.00	173926	0.73	0.74	31.5	24.0
fdot100y10d	P800	BASE	229.76	94.04	94.00	173926	0.73	0.74	31.5	24.0
fdot100y10d	P800	BASE	230.01	94.04	94.00	173926	0.73	0.74	31.5	24.1
fdot100y10d	P800	BASE	230.26	94.04	94.00	173926	0.73	0.74	31.5	24.1
fdot100y10d	P800	BASE	230.51	94.04	94.00	173926	0.73	0.74	31.5	24.1
fdot100y10d	P800	BASE	230.76	94.04	94.00	173926	0.73	0.74	31.5	24.1
fdot100y10d	P800	BASE	231.01	94.04	94.00	173925	0.73	0.74	31.6	24.1
fdot100y10d	P800	BASE	231.26	94.04	94.00	173925	0.73	0.74	31.6	24.1
fdot100y10d	P800	BASE	231.51	94.04	94.00	173925	0.73	0.74	31.6	24.2
fdot100y10d	P800	BASE	231.76	94.04	94.00	173925	0.73	0.74	31.6	24.2
fdot100y10d	P800	BASE	232.01	94.04	94.00	173925	0.73	0.74	31.6	24.2
fdot100y10d	P800	BASE	232.26	94.04	94.00	173925	0.75	0.73	31.6	24.2
fdot100y10d	P800	BASE	232.51	94.04	94.00	173926	0.77	0.74	31.6	24.2
fdot100y10d	P800	BASE	232.76	94.04	94.00	173926	0.78	0.74	31.7	24.2
fdot100y10d	P800	BASE	233.01	94.04	94.00	173927	0.78	0.74	31.7	24.2
fdot100y10d	P800	BASE	233.26	94.04	94.00	173928	0.79	0.74	31.7	24.3
fdot100y10d	P800	BASE	233.51	94.04	94.00	173928	0.79	0.75	31.7	24.3
fdot100y10d	P800	BASE	233.76	94.04	94.00	173929	0.79	0.75	31.7	24.3
fdot100y10d	P800	BASE	234.01	94.04	94.00	173930	0.79	0.75	31.7	24.3
fdot100y10d	P800	BASE	234.26	94.04	94.00	173931	0.79	0.75	31.8	24.3
fdot100y10d	P800	BASE	234.51	94.04	94.00	173931	0.79	0.76	31.8	24.3
fdot100y10d	P800	BASE	234.76	94.04	94.00	173932	0.79	0.76	31.8	24.4
fdot100y10d	P800	BASE	235.01	94.04	94.00	173932	0.79	0.76	31.8	24.4
fdot100y10d	P800	BASE	235.26	94.04	94.00	173933	0.79	0.76	31.8	24.4
fdot100y10d	P800	BASE	235.51	94.04	94.00	173933	0.79	0.76	31.8	24.4
fdot100y10d	P800	BASE	235.76	94.04	94.00	173934	0.79	0.76	31.9	24.4
fdot100y10d	P800	BASE	236.01	94.04	94.00	173934	0.79	0.77	31.9	24.4
fdot100y10d	P800	BASE	236.26	94.04	94.00	173935	0.79	0.77	31.9	24.4
fdot100y10d	P800	BASE	236.51	94.04	94.00	173935	0.79	0.77	31.9	24.5
fdot100y10d	P800	BASE	236.76	94.04	94.00	173935	0.79	0.77	31.9	24.5
fdot100y10d	P800	BASE	237.01	94.04	94.00	173936	0.79	0.77	31.9	24.5
fdot100y10d	P800	BASE	237.26	94.04	94.00	173936	0.79	0.77	32.0	24.5
fdot100y10d	P800	BASE	237.51	94.04	94.00	173936	0.79	0.77	32.0	24.5
fdot100y10d	P800	BASE	237.76	94.04	94.00	173937	0.79	0.77	32.0	24.5
fdot100y10d	P800	BASE	238.01	94.04	94.00	173937	0.79	0.77	32.0	24.6
fdot100y10d	P800	BASE	238.26	94.04	94.00	173937	0.79	0.78	32.0	24.6
fdot100y10d	P800	BASE	238.51	94.04	94.00	173938	0.79	0.78	32.0	24.6
fdot100y10d	P800	BASE	238.76	94.04	94.00	173938	0.79	0.78	32.1	24.6
fdot100y10d	P800	BASE	239.01	94.04	94.00	173938	0.79	0.78	32.1	24.6
fdot100y10d	P800	BASE	239.26	94.04	94.00	173938	0.79	0.78	32.1	24.6

US 301 Basin 800
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	239.51	94.04	94.00	173939	0.79	0.78	32.1	24.7
fdot100y10d	P800	BASE	239.76	94.04	94.00	173939	0.79	0.78	32.1	24.7
fdot100y10d	P800	BASE	240.01	94.04	94.00	173939	0.78	0.78	32.1	24.7
fdot100y10d	P800	BASE	240.26	94.04	94.00	173937	0.55	0.77	32.2	24.7
fdot100y10d	P800	BASE	240.51	94.04	94.00	173931	0.31	0.74	32.2	24.7
fdot100y10d	P800	BASE	240.76	94.03	94.00	173923	0.21	0.71	32.2	24.7
fdot100y10d	P800	BASE	241.01	94.03	94.00	173913	0.11	0.67	32.2	24.7
fdot100y10d	P800	BASE	241.26	94.03	94.00	173903	0.06	0.63	32.2	24.8
fdot100y10d	P800	BASE	241.51	94.03	94.00	173893	0.02	0.59	32.2	24.8
fdot100y10d	P800	BASE	241.76	94.02	94.00	173883	0.01	0.56	32.2	24.8
fdot100y10d	P800	BASE	242.01	94.02	94.00	173874	0.00	0.53	32.2	24.8
fdot100y10d	P800	BASE	242.26	94.02	94.00	173865	0.00	0.50	32.2	24.8
fdot100y10d	P800	BASE	242.51	94.01	94.00	173856	0.00	0.48	32.2	24.8
fdot100y10d	P800	BASE	242.76	94.01	94.00	173848	0.00	0.45	32.2	24.8
fdot100y10d	P800	BASE	243.01	94.01	94.00	173840	0.00	0.44	32.2	24.8
fdot100y10d	P800	BASE	243.26	94.01	94.00	173832	0.00	0.42	32.2	24.8
fdot100y10d	P800	BASE	243.51	94.01	94.00	173825	0.00	0.41	32.2	24.9
fdot100y10d	P800	BASE	243.76	94.00	94.00	173818	0.00	0.40	32.2	24.9
fdot100y10d	P800	BASE	244.01	94.00	94.00	173811	0.00	0.39	32.2	24.9
fdot100y10d	P800	BASE	244.26	94.00	94.00	173804	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	244.51	94.00	94.00	173797	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	244.76	94.00	94.00	173790	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	245.01	93.99	94.00	173783	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	245.26	93.99	94.00	173777	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	245.51	93.99	94.00	173770	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	245.76	93.99	94.00	173763	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	246.01	93.99	94.00	173756	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	246.26	93.98	94.00	173750	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	246.51	93.98	94.00	173743	0.00	0.38	32.2	24.9
fdot100y10d	P800	BASE	246.76	93.98	94.00	173736	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	247.01	93.98	94.00	173730	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	247.26	93.98	94.00	173723	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	247.51	93.97	94.00	173716	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	247.76	93.97	94.00	173710	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	248.01	93.97	94.00	173703	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	248.26	93.97	94.00	173697	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	248.51	93.97	94.00	173690	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	248.76	93.96	94.00	173683	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	249.01	93.96	94.00	173677	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	249.26	93.96	94.00	173670	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	249.51	93.96	94.00	173664	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	249.76	93.96	94.00	173657	0.00	0.37	32.2	25.0
fdot100y10d	P800	BASE	250.01	93.96	94.00	173651	0.00	0.37	32.2	25.1
fdot100y10d	P800	BASE	250.26	93.95	94.00	173644	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	250.51	93.95	94.00	173638	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	250.76	93.95	94.00	173631	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	251.01	93.95	94.00	173625	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	251.26	93.95	94.00	173618	0.00	0.36	32.2	25.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	251.51	93.94	94.00	173612	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	251.76	93.94	94.00	173605	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	252.01	93.94	94.00	173599	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	252.26	93.94	94.00	173592	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	252.51	93.94	94.00	173586	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	252.76	93.93	94.00	173580	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	253.01	93.93	94.00	173573	0.00	0.36	32.2	25.1
fdot100y10d	P800	BASE	253.26	93.93	94.00	173567	0.00	0.36	32.2	25.2
fdot100y10d	P800	BASE	253.51	93.93	94.00	173561	0.00	0.36	32.2	25.2
fdot100y10d	P800	BASE	253.76	93.93	94.00	173554	0.00	0.36	32.2	25.2
fdot100y10d	P800	BASE	254.01	93.93	94.00	173548	0.00	0.36	32.2	25.2
fdot100y10d	P800	BASE	254.26	93.92	94.00	173541	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	254.51	93.92	94.00	173535	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	254.76	93.92	94.00	173529	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	255.01	93.92	94.00	173523	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	255.26	93.92	94.00	173516	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	255.51	93.91	94.00	173510	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	255.76	93.91	94.00	173504	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	256.01	93.91	94.00	173497	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	256.26	93.91	94.00	173491	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	256.51	93.91	94.00	173485	0.00	0.35	32.2	25.2
fdot100y10d	P800	BASE	256.76	93.91	94.00	173479	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	257.01	93.90	94.00	173472	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	257.26	93.90	94.00	173466	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	257.51	93.90	94.00	173460	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	257.76	93.90	94.00	173454	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	258.01	93.90	94.00	173448	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	258.26	93.89	94.00	173442	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	258.51	93.89	94.00	173435	0.00	0.35	32.2	25.3
fdot100y10d	P800	BASE	258.76	93.89	94.00	173429	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	259.01	93.89	94.00	173423	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	259.26	93.89	94.00	173417	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	259.51	93.89	94.00	173411	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	259.76	93.88	94.00	173405	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	260.01	93.88	94.00	173399	0.00	0.34	32.2	25.3
fdot100y10d	P800	BASE	260.26	93.88	94.00	173392	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	260.51	93.88	94.00	173386	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	260.76	93.88	94.00	173380	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	261.01	93.87	94.00	173374	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	261.26	93.87	94.00	173368	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	261.51	93.87	94.00	173362	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	261.76	93.87	94.00	173356	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	262.01	93.87	94.00	173350	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	262.26	93.87	94.00	173344	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	262.51	93.86	94.00	173338	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	262.76	93.86	94.00	173332	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	263.01	93.86	94.00	173326	0.00	0.34	32.2	25.4
fdot100y10d	P800	BASE	263.26	93.86	94.00	173320	0.00	0.34	32.2	25.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	263.51	93.86	94.00	173314	0.00	0.33	32.2	25.4
fdot100y10d	P800	BASE	263.76	93.86	94.00	173308	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	264.01	93.85	94.00	173302	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	264.26	93.85	94.00	173296	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	264.51	93.85	94.00	173290	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	264.76	93.85	94.00	173284	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	265.01	93.85	94.00	173278	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	265.26	93.85	94.00	173272	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	265.51	93.84	94.00	173267	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	265.76	93.84	94.00	173261	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	266.01	93.84	94.00	173255	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	266.26	93.84	94.00	173249	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	266.51	93.84	94.00	173243	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	266.76	93.84	94.00	173237	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	267.01	93.83	94.00	173231	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	267.26	93.83	94.00	173225	0.00	0.33	32.2	25.5
fdot100y10d	P800	BASE	267.51	93.83	94.00	173220	0.00	0.33	32.2	25.6
fdot100y10d	P800	BASE	267.76	93.83	94.00	173214	0.00	0.33	32.2	25.6
fdot100y10d	P800	BASE	268.01	93.83	94.00	173208	0.00	0.33	32.2	25.6
fdot100y10d	P800	BASE	268.26	93.82	94.00	173202	0.00	0.33	32.2	25.6
fdot100y10d	P800	BASE	268.51	93.82	94.00	173196	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	268.76	93.82	94.00	173190	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	269.01	93.82	94.00	173185	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	269.26	93.82	94.00	173179	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	269.51	93.82	94.00	173173	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	269.76	93.81	94.00	173167	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	270.01	93.81	94.00	173162	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	270.26	93.81	94.00	173156	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	270.51	93.81	94.00	173150	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	270.76	93.81	94.00	173144	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	271.01	93.81	94.00	173139	0.00	0.32	32.2	25.6
fdot100y10d	P800	BASE	271.26	93.80	94.00	173133	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	271.51	93.80	94.00	173127	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	271.76	93.80	94.00	173122	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	272.01	93.80	94.00	173116	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	272.26	93.80	94.00	173110	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	272.51	93.80	94.00	173104	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	272.76	93.79	94.00	173099	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	273.01	93.79	94.00	173093	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	273.26	93.79	94.00	173087	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	273.51	93.79	94.00	173082	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	273.76	93.79	94.00	173076	0.00	0.32	32.2	25.7
fdot100y10d	P800	BASE	274.01	93.79	94.00	173071	0.00	0.31	32.2	25.7
fdot100y10d	P800	BASE	274.26	93.78	94.00	173065	0.00	0.31	32.2	25.7
fdot100y10d	P800	BASE	274.51	93.78	94.00	173059	0.00	0.31	32.2	25.7
fdot100y10d	P800	BASE	274.76	93.78	94.00	173054	0.00	0.31	32.2	25.7
fdot100y10d	P800	BASE	275.01	93.78	94.00	173048	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	275.26	93.78	94.00	173043	0.00	0.31	32.2	25.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	275.51	93.78	94.00	173037	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	275.76	93.78	94.00	173031	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	276.01	93.77	94.00	173026	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	276.26	93.77	94.00	173020	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	276.51	93.77	94.00	173015	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	276.76	93.77	94.00	173009	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	277.01	93.77	94.00	173004	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	277.26	93.77	94.00	172998	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	277.51	93.76	94.00	172993	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	277.76	93.76	94.00	172987	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	278.01	93.76	94.00	172981	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	278.26	93.76	94.00	172976	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	278.51	93.76	94.00	172970	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	278.76	93.76	94.00	172965	0.00	0.31	32.2	25.8
fdot100y10d	P800	BASE	279.01	93.75	94.00	172960	0.00	0.31	32.2	25.9
fdot100y10d	P800	BASE	279.26	93.75	94.00	172954	0.00	0.31	32.2	25.9
fdot100y10d	P800	BASE	279.51	93.75	94.00	172949	0.00	0.31	32.2	25.9
fdot100y10d	P800	BASE	279.76	93.75	94.00	172943	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	280.01	93.75	94.00	172938	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	280.26	93.75	94.00	172932	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	280.51	93.74	94.00	172927	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	280.76	93.74	94.00	172921	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	281.01	93.74	94.00	172916	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	281.26	93.74	94.00	172910	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	281.51	93.74	94.00	172905	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	281.76	93.74	94.00	172900	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	282.01	93.74	94.00	172894	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	282.26	93.73	94.00	172889	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	282.51	93.73	94.00	172884	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	282.76	93.73	94.00	172878	0.00	0.30	32.2	25.9
fdot100y10d	P800	BASE	283.01	93.73	94.00	172873	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	283.26	93.73	94.00	172867	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	283.51	93.73	94.00	172862	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	283.76	93.72	94.00	172857	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	284.01	93.72	94.00	172851	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	284.26	93.72	94.00	172846	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	284.51	93.72	94.00	172841	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	284.76	93.72	94.00	172835	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	285.01	93.72	94.00	172830	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	285.26	93.72	94.00	172825	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	285.51	93.71	94.00	172819	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	285.76	93.71	94.00	172814	0.00	0.30	32.2	26.0
fdot100y10d	P800	BASE	286.01	93.71	94.00	172809	0.00	0.29	32.2	26.0
fdot100y10d	P800	BASE	286.26	93.71	94.00	172804	0.00	0.29	32.2	26.0
fdot100y10d	P800	BASE	286.51	93.71	94.00	172798	0.00	0.29	32.2	26.0
fdot100y10d	P800	BASE	286.76	93.71	94.00	172793	0.00	0.29	32.2	26.0
fdot100y10d	P800	BASE	287.01	93.70	94.00	172788	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	287.26	93.70	94.00	172783	0.00	0.29	32.2	26.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	287.51	93.70	94.00	172777	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	287.76	93.70	94.00	172772	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	288.01	93.70	94.00	172767	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	288.26	93.70	94.00	172762	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	288.51	93.70	94.00	172756	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	288.76	93.69	94.00	172751	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	289.01	93.69	94.00	172746	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	289.26	93.69	94.00	172741	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	289.51	93.69	94.00	172736	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	289.76	93.69	94.00	172730	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	290.01	93.69	94.00	172725	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	290.26	93.68	94.00	172720	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	290.51	93.68	94.00	172715	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	290.76	93.68	94.00	172710	0.00	0.29	32.2	26.1
fdot100y10d	P800	BASE	291.01	93.68	94.00	172705	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	291.26	93.68	94.00	172699	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	291.51	93.68	94.00	172694	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	291.76	93.68	94.00	172689	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	292.01	93.67	94.00	172684	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	292.26	93.67	94.00	172679	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	292.51	93.67	94.00	172674	0.00	0.29	32.2	26.2
fdot100y10d	P800	BASE	292.76	93.67	94.00	172669	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	293.01	93.67	94.00	172664	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	293.26	93.67	94.00	172658	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	293.51	93.67	94.00	172653	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	293.76	93.66	94.00	172648	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	294.01	93.66	94.00	172643	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	294.26	93.66	94.00	172638	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	294.51	93.66	94.00	172633	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	294.76	93.66	94.00	172628	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	295.01	93.66	94.00	172623	0.00	0.28	32.2	26.2
fdot100y10d	P800	BASE	295.26	93.65	94.00	172618	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	295.51	93.65	94.00	172613	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	295.76	93.65	94.00	172608	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	296.01	93.65	94.00	172603	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	296.26	93.65	94.00	172598	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	296.51	93.65	94.00	172593	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	296.76	93.65	94.00	172588	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	297.01	93.64	94.00	172583	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	297.26	93.64	94.00	172578	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	297.51	93.64	94.00	172573	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	297.76	93.64	94.00	172568	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	298.01	93.64	94.00	172563	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	298.26	93.64	94.00	172558	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	298.51	93.64	94.00	172553	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	298.76	93.63	94.00	172548	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	299.01	93.63	94.00	172543	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	299.26	93.63	94.00	172538	0.00	0.28	32.2	26.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	299.51	93.63	94.00	172533	0.00	0.28	32.2	26.3
fdot100y10d	P800	BASE	299.76	93.63	94.00	172528	0.00	0.28	32.2	26.4
fdot100y10d	P800	BASE	300.01	93.63	94.00	172523	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	300.26	93.63	94.00	172518	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	300.51	93.62	94.00	172513	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	300.76	93.62	94.00	172508	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	301.01	93.62	94.00	172504	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	301.26	93.62	94.00	172499	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	301.51	93.62	94.00	172494	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	301.76	93.62	94.00	172489	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	302.01	93.62	94.00	172484	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	302.26	93.61	94.00	172479	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	302.51	93.61	94.00	172474	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	302.76	93.61	94.00	172469	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	303.01	93.61	94.00	172465	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	303.26	93.61	94.00	172460	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	303.51	93.61	94.00	172455	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	303.76	93.61	94.00	172450	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	304.01	93.60	94.00	172445	0.00	0.27	32.2	26.4
fdot100y10d	P800	BASE	304.26	93.60	94.00	172440	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	304.51	93.60	94.00	172435	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	304.76	93.60	94.00	172431	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	305.01	93.60	94.00	172426	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	305.26	93.60	94.00	172421	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	305.51	93.60	94.00	172416	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	305.76	93.59	94.00	172411	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	306.01	93.59	94.00	172407	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	306.26	93.59	94.00	172402	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	306.51	93.59	94.00	172397	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	306.76	93.59	94.00	172392	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	307.01	93.59	94.00	172387	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	307.26	93.59	94.00	172383	0.00	0.27	32.2	26.5
fdot100y10d	P800	BASE	307.51	93.59	94.00	172378	0.00	0.26	32.2	26.5
fdot100y10d	P800	BASE	307.76	93.58	94.00	172373	0.00	0.26	32.2	26.5
fdot100y10d	P800	BASE	308.01	93.58	94.00	172368	0.00	0.26	32.2	26.5
fdot100y10d	P800	BASE	308.26	93.58	94.00	172364	0.00	0.26	32.2	26.5
fdot100y10d	P800	BASE	308.51	93.58	94.00	172359	0.00	0.26	32.2	26.5
fdot100y10d	P800	BASE	308.76	93.58	94.00	172354	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	309.01	93.58	94.00	172350	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	309.26	93.58	94.00	172345	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	309.51	93.57	94.00	172340	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	309.76	93.57	94.00	172335	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	310.01	93.57	94.00	172331	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	310.26	93.57	94.00	172326	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	310.51	93.57	94.00	172321	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	310.76	93.57	94.00	172317	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	311.01	93.57	94.00	172312	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	311.26	93.56	94.00	172307	0.00	0.26	32.2	26.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	311.51	93.56	94.00	172303	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	311.76	93.56	94.00	172298	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	312.01	93.56	94.00	172293	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	312.26	93.56	94.00	172289	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	312.51	93.56	94.00	172284	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	312.76	93.56	94.00	172279	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	313.01	93.56	94.00	172275	0.00	0.26	32.2	26.6
fdot100y10d	P800	BASE	313.26	93.55	94.00	172270	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	313.51	93.55	94.00	172265	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	313.76	93.55	94.00	172261	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	314.01	93.55	94.00	172256	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	314.26	93.55	94.00	172251	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	314.51	93.55	94.00	172247	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	314.76	93.55	94.00	172242	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	315.01	93.54	94.00	172238	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	315.26	93.54	94.00	172233	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	315.51	93.54	94.00	172228	0.00	0.26	32.2	26.7
fdot100y10d	P800	BASE	315.76	93.54	94.00	172224	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	316.01	93.54	94.00	172219	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	316.26	93.54	94.00	172215	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	316.51	93.54	94.00	172210	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	316.76	93.54	94.00	172206	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	317.01	93.53	94.00	172201	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	317.26	93.53	94.00	172197	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	317.51	93.53	94.00	172192	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	317.76	93.53	94.00	172187	0.00	0.25	32.2	26.7
fdot100y10d	P800	BASE	318.01	93.53	94.00	172183	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	318.26	93.53	94.00	172178	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	318.51	93.53	94.00	172174	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	318.76	93.52	94.00	172169	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	319.01	93.52	94.00	172165	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	319.26	93.52	94.00	172160	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	319.51	93.52	94.00	172156	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	319.76	93.52	94.00	172151	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	320.01	93.52	94.00	172147	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	320.26	93.52	94.00	172142	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	320.51	93.52	94.00	172138	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	320.76	93.51	94.00	172133	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	321.01	93.51	94.00	172129	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	321.26	93.51	94.00	172124	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	321.51	93.51	94.00	172120	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	321.76	93.51	94.00	172115	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	322.01	93.51	94.00	172111	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	322.26	93.51	94.00	172106	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	322.51	93.50	94.00	172102	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	322.76	93.50	94.00	172098	0.00	0.25	32.2	26.8
fdot100y10d	P800	BASE	323.01	93.50	94.00	172093	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	323.26	93.50	94.00	172089	0.00	0.25	32.2	26.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	323.51	93.50	94.00	172084	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	323.76	93.50	94.00	172080	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	324.01	93.50	94.00	172075	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	324.26	93.50	94.00	172071	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	324.51	93.49	94.00	172067	0.00	0.25	32.2	26.9
fdot100y10d	P800	BASE	324.76	93.49	94.00	172062	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	325.01	93.49	94.00	172058	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	325.26	93.49	94.00	172053	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	325.51	93.49	94.00	172049	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	325.76	93.49	94.00	172045	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	326.01	93.49	94.00	172040	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	326.26	93.49	94.00	172036	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	326.51	93.48	94.00	172031	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	326.76	93.48	94.00	172027	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	327.01	93.48	94.00	172023	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	327.26	93.48	94.00	172018	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	327.51	93.48	94.00	172014	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	327.76	93.48	94.00	172010	0.00	0.24	32.2	26.9
fdot100y10d	P800	BASE	328.01	93.48	94.00	172005	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	328.26	93.48	94.00	172001	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	328.51	93.47	94.00	171997	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	328.76	93.47	94.00	171992	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	329.01	93.47	94.00	171988	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	329.26	93.47	94.00	171984	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	329.51	93.47	94.00	171979	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	329.76	93.47	94.00	171975	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	330.01	93.47	94.00	171971	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	330.26	93.47	94.00	171966	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	330.51	93.46	94.00	171962	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	330.76	93.46	94.00	171958	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	331.01	93.46	94.00	171954	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	331.26	93.46	94.00	171949	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	331.51	93.46	94.00	171945	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	331.76	93.46	94.00	171941	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	332.01	93.46	94.00	171936	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	332.26	93.46	94.00	171932	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	332.51	93.45	94.00	171928	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	332.76	93.45	94.00	171924	0.00	0.24	32.2	27.0
fdot100y10d	P800	BASE	333.01	93.45	94.00	171919	0.00	0.24	32.2	27.1
fdot100y10d	P800	BASE	333.26	93.45	94.00	171915	0.00	0.24	32.2	27.1
fdot100y10d	P800	BASE	333.51	93.45	94.00	171911	0.00	0.24	32.2	27.1
fdot100y10d	P800	BASE	333.76	93.45	94.00	171907	0.00	0.24	32.2	27.1
fdot100y10d	P800	BASE	334.01	93.45	94.00	171902	0.00	0.24	32.2	27.1
fdot100y10d	P800	BASE	334.26	93.45	94.00	171898	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	334.51	93.44	94.00	171894	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	334.76	93.44	94.00	171890	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	335.01	93.44	94.00	171886	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	335.26	93.44	94.00	171881	0.00	0.23	32.2	27.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	335.51	93.44	94.00	171877	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	335.76	93.44	94.00	171873	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	336.01	93.44	94.00	171869	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	336.26	93.44	94.00	171864	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	336.51	93.43	94.00	171860	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	336.76	93.43	94.00	171856	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	337.01	93.43	94.00	171852	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	337.26	93.43	94.00	171848	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	337.51	93.43	94.00	171844	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	337.76	93.43	94.00	171839	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	338.01	93.43	94.00	171835	0.00	0.23	32.2	27.1
fdot100y10d	P800	BASE	338.26	93.43	94.00	171831	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	338.51	93.42	94.00	171827	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	338.76	93.42	94.00	171823	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	339.01	93.42	94.00	171819	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	339.26	93.42	94.00	171814	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	339.51	93.42	94.00	171810	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	339.76	93.42	94.00	171806	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	340.01	93.42	94.00	171802	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	340.26	93.42	94.00	171798	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	340.51	93.42	94.00	171794	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	340.76	93.41	94.00	171790	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	341.01	93.41	94.00	171786	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	341.26	93.41	94.00	171781	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	341.51	93.41	94.00	171777	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	341.76	93.41	94.00	171773	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	342.01	93.41	94.00	171769	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	342.26	93.41	94.00	171765	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	342.51	93.41	94.00	171761	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	342.76	93.40	94.00	171757	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	343.01	93.40	94.00	171753	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	343.26	93.40	94.00	171749	0.00	0.23	32.2	27.2
fdot100y10d	P800	BASE	343.51	93.40	94.00	171745	0.00	0.23	32.2	27.3
fdot100y10d	P800	BASE	343.76	93.40	94.00	171741	0.00	0.23	32.2	27.3
fdot100y10d	P800	BASE	344.01	93.40	94.00	171736	0.00	0.23	32.2	27.3
fdot100y10d	P800	BASE	344.26	93.40	94.00	171732	0.00	0.23	32.2	27.3
fdot100y10d	P800	BASE	344.51	93.40	94.00	171728	0.00	0.23	32.2	27.3
fdot100y10d	P800	BASE	344.76	93.40	94.00	171724	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	345.01	93.39	94.00	171720	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	345.26	93.39	94.00	171716	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	345.51	93.39	94.00	171712	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	345.76	93.39	94.00	171708	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	346.01	93.39	94.00	171704	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	346.26	93.39	94.00	171700	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	346.51	93.39	94.00	171696	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	346.76	93.39	94.00	171692	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	347.01	93.38	94.00	171688	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	347.26	93.38	94.00	171684	0.00	0.22	32.2	27.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	347.51	93.38	94.00	171680	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	347.76	93.38	94.00	171676	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	348.01	93.38	94.00	171672	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	348.26	93.38	94.00	171668	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	348.51	93.38	94.00	171664	0.00	0.22	32.2	27.3
fdot100y10d	P800	BASE	348.76	93.38	94.00	171660	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	349.01	93.38	94.00	171656	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	349.26	93.37	94.00	171652	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	349.51	93.37	94.00	171648	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	349.76	93.37	94.00	171644	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	350.01	93.37	94.00	171640	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	350.26	93.37	94.00	171636	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	350.51	93.37	94.00	171632	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	350.76	93.37	94.00	171628	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	351.01	93.37	94.00	171624	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	351.26	93.36	94.00	171620	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	351.51	93.36	94.00	171616	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	351.76	93.36	94.00	171612	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	352.01	93.36	94.00	171608	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	352.26	93.36	94.00	171605	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	352.51	93.36	94.00	171601	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	352.76	93.36	94.00	171597	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	353.01	93.36	94.00	171593	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	353.26	93.36	94.00	171589	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	353.51	93.35	94.00	171585	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	353.76	93.35	94.00	171581	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	354.01	93.35	94.00	171577	0.00	0.22	32.2	27.4
fdot100y10d	P800	BASE	354.26	93.35	94.00	171573	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	354.51	93.35	94.00	171569	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	354.76	93.35	94.00	171565	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	355.01	93.35	94.00	171561	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	355.26	93.35	94.00	171558	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	355.51	93.35	94.00	171554	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	355.76	93.34	94.00	171550	0.00	0.22	32.2	27.5
fdot100y10d	P800	BASE	356.01	93.34	94.00	171546	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	356.26	93.34	94.00	171542	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	356.51	93.34	94.00	171538	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	356.76	93.34	94.00	171534	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	357.01	93.34	94.00	171530	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	357.26	93.34	94.00	171527	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	357.51	93.34	94.00	171523	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	357.76	93.34	94.00	171519	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	358.01	93.33	94.00	171515	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	358.26	93.33	94.00	171511	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	358.51	93.33	94.00	171507	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	358.76	93.33	94.00	171503	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	359.01	93.33	94.00	171500	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	359.26	93.33	94.00	171496	0.00	0.21	32.2	27.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	359.51	93.33	94.00	171492	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	359.76	93.33	94.00	171488	0.00	0.21	32.2	27.5
fdot100y10d	P800	BASE	360.01	93.33	94.00	171484	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	360.26	93.32	94.00	171481	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	360.51	93.32	94.00	171477	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	360.76	93.32	94.00	171473	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	361.01	93.32	94.00	171469	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	361.26	93.32	94.00	171465	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	361.51	93.32	94.00	171461	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	361.76	93.32	94.00	171458	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	362.01	93.32	94.00	171454	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	362.26	93.32	94.00	171450	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	362.51	93.31	94.00	171446	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	362.76	93.31	94.00	171443	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	363.01	93.31	94.00	171439	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	363.26	93.31	94.00	171435	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	363.51	93.31	94.00	171431	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	363.76	93.31	94.00	171427	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	364.01	93.31	94.00	171424	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	364.26	93.31	94.00	171420	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	364.51	93.31	94.00	171416	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	364.76	93.30	94.00	171412	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	365.01	93.30	94.00	171409	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	365.26	93.30	94.00	171405	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	365.51	93.30	94.00	171401	0.00	0.21	32.2	27.6
fdot100y10d	P800	BASE	365.76	93.30	94.00	171397	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	366.01	93.30	94.00	171394	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	366.26	93.30	94.00	171390	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	366.51	93.30	94.00	171386	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	366.76	93.30	94.00	171382	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	367.01	93.29	94.00	171379	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	367.26	93.29	94.00	171375	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	367.51	93.29	94.00	171371	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	367.76	93.29	94.00	171368	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	368.01	93.29	94.00	171364	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	368.26	93.29	94.00	171360	0.00	0.21	32.2	27.7
fdot100y10d	P800	BASE	368.51	93.29	94.00	171357	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	368.76	93.29	94.00	171353	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	369.01	93.29	94.00	171349	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	369.26	93.28	94.00	171345	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	369.51	93.28	94.00	171342	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	369.76	93.28	94.00	171338	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	370.01	93.28	94.00	171334	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	370.26	93.28	94.00	171331	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	370.51	93.28	94.00	171327	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	370.76	93.28	94.00	171323	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	371.01	93.28	94.00	171320	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	371.26	93.28	94.00	171316	0.00	0.20	32.2	27.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	371.51	93.28	94.00	171312	0.00	0.20	32.2	27.7
fdot100y10d	P800	BASE	371.76	93.27	94.00	171309	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	372.01	93.27	94.00	171305	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	372.26	93.27	94.00	171301	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	372.51	93.27	94.00	171298	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	372.76	93.27	94.00	171294	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	373.01	93.27	94.00	171290	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	373.26	93.27	94.00	171287	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	373.51	93.27	94.00	171283	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	373.76	93.27	94.00	171280	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	374.01	93.26	94.00	171276	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	374.26	93.26	94.00	171272	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	374.51	93.26	94.00	171269	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	374.76	93.26	94.00	171265	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	375.01	93.26	94.00	171261	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	375.26	93.26	94.00	171258	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	375.51	93.26	94.00	171254	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	375.76	93.26	94.00	171251	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	376.01	93.26	94.00	171247	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	376.26	93.26	94.00	171243	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	376.51	93.25	94.00	171240	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	376.76	93.25	94.00	171236	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	377.01	93.25	94.00	171233	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	377.26	93.25	94.00	171229	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	377.51	93.25	94.00	171225	0.00	0.20	32.2	27.8
fdot100y10d	P800	BASE	377.76	93.25	94.00	171222	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	378.01	93.25	94.00	171218	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	378.26	93.25	94.00	171215	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	378.51	93.25	94.00	171211	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	378.76	93.24	94.00	171208	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	379.01	93.24	94.00	171204	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	379.26	93.24	94.00	171200	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	379.51	93.24	94.00	171197	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	379.76	93.24	94.00	171193	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	380.01	93.24	94.00	171190	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	380.26	93.24	94.00	171186	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	380.51	93.24	94.00	171183	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	380.76	93.24	94.00	171179	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	381.01	93.24	94.00	171176	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	381.26	93.23	94.00	171172	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	381.51	93.23	94.00	171168	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	381.76	93.23	94.00	171165	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	382.01	93.23	94.00	171161	0.00	0.20	32.2	27.9
fdot100y10d	P800	BASE	382.26	93.23	94.00	171158	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	382.51	93.23	94.00	171154	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	382.76	93.23	94.00	171151	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	383.01	93.23	94.00	171147	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	383.26	93.23	94.00	171144	0.00	0.19	32.2	27.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	383.51	93.23	94.00	171140	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	383.76	93.22	94.00	171137	0.00	0.19	32.2	27.9
fdot100y10d	P800	BASE	384.01	93.22	94.00	171133	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	384.26	93.22	94.00	171130	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	384.51	93.22	94.00	171126	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	384.76	93.22	94.00	171123	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	385.01	93.22	94.00	171119	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	385.26	93.22	94.00	171116	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	385.51	93.22	94.00	171112	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	385.76	93.22	94.00	171109	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	386.01	93.22	94.00	171105	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	386.26	93.21	94.00	171102	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	386.51	93.21	94.00	171098	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	386.76	93.21	94.00	171095	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	387.01	93.21	94.00	171091	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	387.26	93.21	94.00	171088	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	387.51	93.21	94.00	171085	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	387.76	93.21	94.00	171081	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	388.01	93.21	94.00	171078	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	388.26	93.21	94.00	171074	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	388.51	93.21	94.00	171071	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	388.76	93.20	94.00	171067	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	389.01	93.20	94.00	171064	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	389.26	93.20	94.00	171060	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	389.51	93.20	94.00	171057	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	389.76	93.20	94.00	171054	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	390.01	93.20	94.00	171050	0.00	0.19	32.2	28.0
fdot100y10d	P800	BASE	390.26	93.20	94.00	171047	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	390.51	93.20	94.00	171043	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	390.76	93.20	94.00	171040	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	391.01	93.20	94.00	171036	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	391.26	93.19	94.00	171033	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	391.51	93.19	94.00	171030	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	391.76	93.19	94.00	171026	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	392.01	93.19	94.00	171023	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	392.26	93.19	94.00	171019	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	392.51	93.19	94.00	171016	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	392.76	93.19	94.00	171012	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	393.01	93.19	94.00	171009	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	393.26	93.19	94.00	171006	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	393.51	93.19	94.00	171002	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	393.76	93.18	94.00	170999	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	394.01	93.18	94.00	170996	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	394.26	93.18	94.00	170992	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	394.51	93.18	94.00	170989	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	394.76	93.18	94.00	170985	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	395.01	93.18	94.00	170982	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	395.26	93.18	94.00	170979	0.00	0.19	32.2	28.1

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	395.51	93.18	94.00	170975	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	395.76	93.18	94.00	170972	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	396.01	93.18	94.00	170969	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	396.26	93.17	94.00	170965	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	396.51	93.17	94.00	170962	0.00	0.19	32.2	28.1
fdot100y10d	P800	BASE	396.76	93.17	94.00	170958	0.00	0.19	32.2	28.2
fdot100y10d	P800	BASE	397.01	93.17	94.00	170955	0.00	0.19	32.2	28.2
fdot100y10d	P800	BASE	397.26	93.17	94.00	170952	0.00	0.19	32.2	28.2
fdot100y10d	P800	BASE	397.51	93.17	94.00	170948	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	397.76	93.17	94.00	170945	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	398.01	93.17	94.00	170942	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	398.26	93.17	94.00	170938	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	398.51	93.17	94.00	170935	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	398.76	93.16	94.00	170932	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	399.01	93.16	94.00	170928	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	399.26	93.16	94.00	170925	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	399.51	93.16	94.00	170922	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	399.76	93.16	94.00	170918	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	400.01	93.16	94.00	170915	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	400.26	93.16	94.00	170912	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	400.51	93.16	94.00	170908	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	400.76	93.16	94.00	170905	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	401.01	93.16	94.00	170902	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	401.26	93.15	94.00	170898	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	401.51	93.15	94.00	170895	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	401.76	93.15	94.00	170892	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	402.01	93.15	94.00	170889	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	402.26	93.15	94.00	170885	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	402.51	93.15	94.00	170882	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	402.76	93.15	94.00	170879	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	403.01	93.15	94.00	170875	0.00	0.18	32.2	28.2
fdot100y10d	P800	BASE	403.26	93.15	94.00	170872	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	403.51	93.15	94.00	170869	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	403.76	93.15	94.00	170866	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	404.01	93.14	94.00	170862	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	404.26	93.14	94.00	170859	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	404.51	93.14	94.00	170856	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	404.76	93.14	94.00	170852	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	405.01	93.14	94.00	170849	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	405.26	93.14	94.00	170846	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	405.51	93.14	94.00	170843	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	405.76	93.14	94.00	170839	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	406.01	93.14	94.00	170836	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	406.26	93.14	94.00	170833	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	406.51	93.13	94.00	170830	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	406.76	93.13	94.00	170826	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	407.01	93.13	94.00	170823	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	407.26	93.13	94.00	170820	0.00	0.18	32.2	28.3

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	407.51	93.13	94.00	170817	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	407.76	93.13	94.00	170813	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	408.01	93.13	94.00	170810	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	408.26	93.13	94.00	170807	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	408.51	93.13	94.00	170804	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	408.76	93.13	94.00	170800	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	409.01	93.13	94.00	170797	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	409.26	93.12	94.00	170794	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	409.51	93.12	94.00	170791	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	409.76	93.12	94.00	170788	0.00	0.18	32.2	28.3
fdot100y10d	P800	BASE	410.01	93.12	94.00	170784	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	410.26	93.12	94.00	170781	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	410.51	93.12	94.00	170778	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	410.76	93.12	94.00	170775	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	411.01	93.12	94.00	170771	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	411.26	93.12	94.00	170768	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	411.51	93.12	94.00	170765	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	411.76	93.12	94.00	170762	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	412.01	93.11	94.00	170759	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	412.26	93.11	94.00	170755	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	412.51	93.11	94.00	170752	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	412.76	93.11	94.00	170749	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	413.01	93.11	94.00	170746	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	413.26	93.11	94.00	170743	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	413.51	93.11	94.00	170740	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	413.76	93.11	94.00	170736	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	414.01	93.11	94.00	170733	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	414.26	93.11	94.00	170730	0.00	0.18	32.2	28.4
fdot100y10d	P800	BASE	414.51	93.11	94.00	170727	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	414.76	93.10	94.00	170724	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	415.01	93.10	94.00	170720	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	415.26	93.10	94.00	170717	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	415.51	93.10	94.00	170714	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	415.76	93.10	94.00	170711	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	416.01	93.10	94.00	170708	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	416.26	93.10	94.00	170705	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	416.51	93.10	94.00	170702	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	416.76	93.10	94.00	170698	0.00	0.17	32.2	28.4
fdot100y10d	P800	BASE	417.01	93.10	94.00	170695	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	417.26	93.09	94.00	170692	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	417.51	93.09	94.00	170689	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	417.76	93.09	94.00	170686	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	418.01	93.09	94.00	170683	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	418.26	93.09	94.00	170680	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	418.51	93.09	94.00	170676	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	418.76	93.09	94.00	170673	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	419.01	93.09	94.00	170670	0.00	0.17	32.2	28.5
fdot100y10d	P800	BASE	419.26	93.09	94.00	170667	0.00	0.17	32.2	28.5

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af	
fdot100y10d	P800	BASE	419.51	93.09	94.00	170664	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	419.76	93.09	94.00	170661	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	420.01	93.08	94.00	170658	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	420.26	93.08	94.00	170655	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	420.51	93.08	94.00	170651	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	420.76	93.08	94.00	170648	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	421.01	93.08	94.00	170645	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	421.26	93.08	94.00	170642	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	421.51	93.08	94.00	170639	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	421.76	93.08	94.00	170636	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	422.01	93.08	94.00	170633	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	422.26	93.08	94.00	170630	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	422.51	93.08	94.00	170627	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	422.76	93.08	94.00	170623	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	423.01	93.07	94.00	170620	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	423.26	93.07	94.00	170617	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	423.51	93.07	94.00	170614	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	423.76	93.07	94.00	170611	0.00	0.17	32.2	28.5	
fdot100y10d	P800	BASE	424.01	93.07	94.00	170608	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	424.26	93.07	94.00	170605	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	424.51	93.07	94.00	170602	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	424.76	93.07	94.00	170599	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	425.01	93.07	94.00	170596	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	425.26	93.07	94.00	170593	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	425.51	93.07	94.00	170590	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	425.76	93.06	94.00	170587	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	426.01	93.06	94.00	170583	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	426.26	93.06	94.00	170580	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	426.51	93.06	94.00	170577	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	426.76	93.06	94.00	170574	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	427.01	93.06	94.00	170571	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	427.26	93.06	94.00	170568	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	427.51	93.06	94.00	170565	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	427.76	93.06	94.00	170562	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	428.01	93.06	94.00	170559	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	428.26	93.06	94.00	170556	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	428.51	93.05	94.00	170553	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	428.76	93.05	94.00	170550	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	429.01	93.05	94.00	170547	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	429.26	93.05	94.00	170544	0.00	0.17	32.2	28.6	½ VOLUME
fdot100y10d	P800	BASE	429.51	93.05	94.00	170541	0.00	0.17	32.2	28.6	RECOVERY
fdot100y10d	P800	BASE	429.76	93.05	94.00	170538	0.00	0.17	32.2	28.6	8.0 DAYS AFTER
fdot100y10d	P800	BASE	430.01	93.05	94.00	170535	0.00	0.17	32.2	28.6	10 DAY EVENT
fdot100y10d	P800	BASE	430.26	93.05	94.00	170532	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	430.51	93.05	94.00	170529	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	430.76	93.05	94.00	170526	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	431.01	93.05	94.00	170523	0.00	0.17	32.2	28.6	
fdot100y10d	P800	BASE	431.26	93.04	94.00	170520	0.00	0.17	32.2	28.7	

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	431.51	93.04	94.00	170517	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	431.76	93.04	94.00	170514	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	432.01	93.04	94.00	170511	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	432.26	93.04	94.00	170508	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	432.51	93.04	94.00	170505	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	432.76	93.04	94.00	170502	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	433.01	93.04	94.00	170499	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	433.26	93.04	94.00	170496	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	433.51	93.04	94.00	170493	0.00	0.17	32.2	28.7
fdot100y10d	P800	BASE	433.76	93.04	94.00	170490	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	434.01	93.04	94.00	170487	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	434.26	93.03	94.00	170484	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	434.51	93.03	94.00	170481	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	434.76	93.03	94.00	170478	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	435.01	93.03	94.00	170475	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	435.26	93.03	94.00	170472	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	435.51	93.03	94.00	170469	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	435.76	93.03	94.00	170466	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	436.01	93.03	94.00	170463	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	436.26	93.03	94.00	170460	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	436.51	93.03	94.00	170457	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	436.76	93.03	94.00	170454	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	437.01	93.02	94.00	170451	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	437.26	93.02	94.00	170448	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	437.51	93.02	94.00	170445	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	437.76	93.02	94.00	170442	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	438.01	93.02	94.00	170439	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	438.26	93.02	94.00	170436	0.00	0.16	32.2	28.7
fdot100y10d	P800	BASE	438.51	93.02	94.00	170433	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	438.76	93.02	94.00	170430	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	439.01	93.02	94.00	170427	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	439.26	93.02	94.00	170424	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	439.51	93.02	94.00	170421	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	439.76	93.02	94.00	170418	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	440.01	93.01	94.00	170415	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	440.26	93.01	94.00	170412	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	440.51	93.01	94.00	170409	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	440.76	93.01	94.00	170407	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	441.01	93.01	94.00	170404	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	441.26	93.01	94.00	170401	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	441.51	93.01	94.00	170398	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	441.76	93.01	94.00	170395	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	442.01	93.01	94.00	170392	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	442.26	93.01	94.00	170389	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	442.51	93.01	94.00	170386	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	442.76	93.01	94.00	170383	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	443.01	93.00	94.00	170380	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	443.26	93.00	94.00	170377	0.00	0.16	32.2	28.8

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	443.51	93.00	94.00	170374	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	443.76	93.00	94.00	170371	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	444.01	93.00	94.00	170369	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	444.26	93.00	94.00	170366	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	444.51	93.00	94.00	170363	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	444.76	93.00	94.00	170360	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	445.01	93.00	94.00	170357	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	445.26	93.00	94.00	170354	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	445.51	93.00	94.00	170351	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	445.76	92.99	94.00	170348	0.00	0.16	32.2	28.8
fdot100y10d	P800	BASE	446.01	92.99	94.00	170345	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	446.26	92.99	94.00	170342	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	446.51	92.99	94.00	170340	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	446.76	92.99	94.00	170337	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	447.01	92.99	94.00	170334	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	447.26	92.99	94.00	170331	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	447.51	92.99	94.00	170328	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	447.76	92.99	94.00	170325	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	448.01	92.99	94.00	170322	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	448.26	92.99	94.00	170319	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	448.51	92.99	94.00	170316	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	448.76	92.98	94.00	170314	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	449.01	92.98	94.00	170311	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	449.26	92.98	94.00	170308	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	449.51	92.98	94.00	170305	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	449.76	92.98	94.00	170302	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	450.01	92.98	94.00	170299	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	450.26	92.98	94.00	170296	0.00	0.16	32.2	28.9
fdot100y10d	P800	BASE	454.26	92.97	94.00	170251	0.00	0.16	32.2	29.0
fdot100y10d	P800	BASE	458.26	92.95	94.00	170206	0.00	0.15	32.2	29.0
fdot100y10d	P800	BASE	462.26	92.94	94.00	170161	0.00	0.15	32.2	29.1
fdot100y10d	P800	BASE	466.26	92.93	94.00	170117	0.00	0.15	32.2	29.1
fdot100y10d	P800	BASE	470.26	92.92	94.00	170074	0.00	0.15	32.2	29.2
fdot100y10d	P800	BASE	474.26	92.90	94.00	170030	0.00	0.15	32.2	29.2
fdot100y10d	P800	BASE	478.26	92.89	94.00	169988	0.00	0.15	32.2	29.3
fdot100y10d	P800	BASE	482.26	92.88	94.00	169945	0.00	0.14	32.2	29.3
fdot100y10d	P800	BASE	486.26	92.87	94.00	169903	0.00	0.14	32.2	29.4
fdot100y10d	P800	BASE	490.26	92.85	94.00	169862	0.00	0.14	32.2	29.4
fdot100y10d	P800	BASE	494.26	92.84	94.00	169821	0.00	0.14	32.2	29.4
fdot100y10d	P800	BASE	498.26	92.83	94.00	169780	0.00	0.14	32.2	29.5
fdot100y10d	P800	BASE	502.26	92.82	94.00	169739	0.00	0.14	32.2	29.5
fdot100y10d	P800	BASE	506.26	92.81	94.00	169699	0.00	0.14	32.2	29.6
fdot100y10d	P800	BASE	510.26	92.79	94.00	169660	0.00	0.14	32.2	29.6
fdot100y10d	P800	BASE	514.26	92.78	94.00	169620	0.00	0.13	32.2	29.7
fdot100y10d	P800	BASE	518.26	92.77	94.00	169581	0.00	0.13	32.2	29.7
fdot100y10d	P800	BASE	522.26	92.76	94.00	169543	0.00	0.13	32.2	29.8
fdot100y10d	P800	BASE	526.26	92.75	94.00	169504	0.00	0.13	32.2	29.8
fdot100y10d	P800	BASE	530.26	92.74	94.00	169466	0.00	0.13	32.2	29.8

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Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	534.26	92.73	94.00	169429	0.00	0.13	32.2	29.9
fdot100y10d	P800	BASE	538.26	92.72	94.00	169391	0.00	0.13	32.2	29.9
fdot100y10d	P800	BASE	542.26	92.71	94.00	169354	0.00	0.13	32.2	30.0
fdot100y10d	P800	BASE	546.26	92.70	94.00	169318	0.00	0.13	32.2	30.0
fdot100y10d	P800	BASE	550.26	92.68	94.00	169281	0.00	0.12	32.2	30.1
fdot100y10d	P800	BASE	554.26	92.67	94.00	169245	0.00	0.12	32.2	30.1
fdot100y10d	P800	BASE	558.26	92.66	94.00	169209	0.00	0.12	32.2	30.1
fdot100y10d	P800	BASE	562.26	92.65	94.00	169173	0.00	0.12	32.2	30.2
fdot100y10d	P800	BASE	566.26	92.64	94.00	169138	0.00	0.12	32.2	30.2
fdot100y10d	P800	BASE	570.26	92.63	94.00	169103	0.00	0.12	32.2	30.3
fdot100y10d	P800	BASE	574.26	92.62	94.00	169068	0.00	0.12	32.2	30.3
fdot100y10d	P800	BASE	578.26	92.61	94.00	169034	0.00	0.12	32.2	30.3
fdot100y10d	P800	BASE	582.26	92.60	94.00	168999	0.00	0.12	32.2	30.4
fdot100y10d	P800	BASE	586.26	92.59	94.00	168965	0.00	0.12	32.2	30.4
fdot100y10d	P800	BASE	590.26	92.58	94.00	168931	0.00	0.11	32.2	30.5
fdot100y10d	P800	BASE	594.26	92.57	94.00	168898	0.00	0.11	32.2	30.5
fdot100y10d	P800	BASE	598.26	92.56	94.00	168864	0.00	0.11	32.2	30.5
fdot100y10d	P800	BASE	602.26	92.55	94.00	168831	0.00	0.11	32.2	30.6
fdot100y10d	P800	BASE	606.26	92.54	94.00	168798	0.00	0.11	32.2	30.6
fdot100y10d	P800	BASE	610.26	92.53	94.00	168766	0.00	0.11	32.2	30.6
fdot100y10d	P800	BASE	614.26	92.53	94.00	168733	0.00	0.11	32.2	30.7
fdot100y10d	P800	BASE	618.26	92.52	94.00	168701	0.00	0.11	32.2	30.7
fdot100y10d	P800	BASE	622.26	92.51	94.00	168669	0.00	0.11	32.2	30.7
fdot100y10d	P800	BASE	626.26	92.50	94.00	168637	0.00	0.11	32.2	30.8
fdot100y10d	P800	BASE	630.26	92.49	94.00	168606	0.00	0.11	32.2	30.8
fdot100y10d	P800	BASE	634.26	92.48	94.00	168574	0.00	0.11	32.2	30.9
fdot100y10d	P800	BASE	638.26	92.47	94.00	168543	0.00	0.11	32.2	30.9
fdot100y10d	P800	BASE	642.26	92.46	94.00	168512	0.00	0.11	32.2	30.9
fdot100y10d	P800	BASE	646.26	92.45	94.00	168481	0.00	0.10	32.2	31.0
fdot100y10d	P800	BASE	650.26	92.44	94.00	168450	0.00	0.10	32.2	31.0
fdot100y10d	P800	BASE	654.26	92.43	94.00	168420	0.00	0.10	32.2	31.0
fdot100y10d	P800	BASE	658.26	92.43	94.00	168390	0.00	0.10	32.2	31.1
fdot100y10d	P800	BASE	662.26	92.42	94.00	168359	0.00	0.10	32.2	31.1
fdot100y10d	P800	BASE	666.26	92.41	94.00	168330	0.00	0.10	32.2	31.1
fdot100y10d	P800	BASE	670.26	92.40	94.00	168300	0.00	0.10	32.2	31.2
fdot100y10d	P800	BASE	674.26	92.39	94.00	168270	0.00	0.10	32.2	31.2
fdot100y10d	P800	BASE	678.26	92.38	94.00	168241	0.00	0.10	32.2	31.2
fdot100y10d	P800	BASE	682.26	92.37	94.00	168211	0.00	0.10	32.2	31.3
fdot100y10d	P800	BASE	686.26	92.37	94.00	168182	0.00	0.10	32.2	31.3
fdot100y10d	P800	BASE	690.26	92.36	94.00	168153	0.00	0.10	32.2	31.3
fdot100y10d	P800	BASE	694.26	92.35	94.00	168125	0.00	0.10	32.2	31.4
fdot100y10d	P800	BASE	698.26	92.34	94.00	168096	0.00	0.10	32.2	31.4
fdot100y10d	P800	BASE	702.26	92.33	94.00	168068	0.00	0.10	32.2	31.4
fdot100y10d	P800	BASE	706.26	92.32	94.00	168039	0.00	0.10	32.2	31.5
fdot100y10d	P800	BASE	710.26	92.32	94.00	168011	0.00	0.10	32.2	31.5
fdot100y10d	P800	BASE	714.26	92.31	94.00	167983	0.00	0.09	32.2	31.5
fdot100y10d	P800	BASE	718.26	92.30	94.00	167955	0.00	0.09	32.2	31.6
fdot100y10d	P800	BASE	722.26	92.29	94.00	167928	0.00	0.09	32.2	31.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	726.26	92.28	94.00	167900	0.00	0.09	32.2	31.6
fdot100y10d	P800	BASE	730.26	92.28	94.00	167873	0.00	0.09	32.2	31.6
fdot100y10d	P800	BASE	734.26	92.27	94.00	167845	0.00	0.09	32.2	31.7
fdot100y10d	P800	BASE	738.26	92.26	94.00	167818	0.00	0.09	32.2	31.7
fdot100y10d	P800	BASE	742.26	92.25	94.00	167791	0.00	0.09	32.2	31.7
fdot100y10d	P800	BASE	746.26	92.24	94.00	167764	0.00	0.09	32.2	31.8
fdot100y10d	P800	BASE	750.26	92.24	94.00	167738	0.00	0.09	32.2	31.8
fdot100y10d	P800	BASE	754.26	92.23	94.00	167711	0.00	0.09	32.2	31.8
fdot100y10d	P800	BASE	758.26	92.22	94.00	167684	0.00	0.09	32.2	31.9
fdot100y10d	P800	BASE	762.26	92.21	94.00	167658	0.00	0.09	32.2	31.9
fdot100y10d	P800	BASE	766.26	92.21	94.00	167632	0.00	0.09	32.2	31.9
fdot100y10d	P800	BASE	770.26	92.20	94.00	167606	0.00	0.09	32.2	31.9
fdot100y10d	P800	BASE	774.26	92.19	94.00	167580	0.00	0.09	32.2	32.0
fdot100y10d	P800	BASE	778.26	92.18	94.00	167554	0.00	0.09	32.2	32.0
fdot100y10d	P800	BASE	782.26	92.17	94.00	167528	0.00	0.09	32.2	32.0
fdot100y10d	P800	BASE	786.26	92.17	94.00	167502	0.00	0.09	32.2	32.1
fdot100y10d	P800	BASE	790.26	92.16	94.00	167477	0.00	0.09	32.2	32.1
fdot100y10d	P800	BASE	794.26	92.15	94.00	167452	0.00	0.09	32.2	32.1
fdot100y10d	P800	BASE	798.26	92.15	94.00	167426	0.00	0.09	32.2	32.1
fdot100y10d	P800	BASE	802.26	92.14	94.00	167401	0.00	0.08	32.2	32.2
fdot100y10d	P800	BASE	806.26	92.13	94.00	167376	0.00	0.08	32.2	32.2
fdot100y10d	P800	BASE	810.26	92.12	94.00	167351	0.00	0.08	32.2	32.2
fdot100y10d	P800	BASE	814.26	92.12	94.00	167326	0.00	0.08	32.2	32.3
fdot100y10d	P800	BASE	818.26	92.11	94.00	167302	0.00	0.08	32.2	32.3
fdot100y10d	P800	BASE	822.26	92.10	94.00	167277	0.00	0.08	32.2	32.3
fdot100y10d	P800	BASE	826.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	830.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	834.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	838.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	842.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	846.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	850.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	854.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	858.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	862.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	866.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	870.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	874.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	878.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	882.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	886.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	890.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	894.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	898.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	902.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	906.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	910.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	914.26	92.10	94.00	167270	0.00	0.00	32.2	32.3

FULL VOLUME RECOVERY 24.3 DAYS AFTER 10 DAY EVENT

US 301 Basin 800
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y10d	P800	BASE	918.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	922.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	926.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	930.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	934.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	938.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	942.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	946.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	950.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	954.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	958.26	92.10	94.00	167270	0.00	0.00	32.2	32.3
fdot100y10d	P800	BASE	960.00	92.10	94.00	167270	0.00	0.00	32.2	32.3

==== Basins ====

Name: B1300 Node: P1300 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: Uh256 Peaking Factor: 256.0
Rainfall File: Fdot-24 Storm Duration(hrs): 24.00
Rainfall Amount(in): 11.000 Time of Conc(min): 20.00
Area(ac): 3.050 Time Shift(hrs): 0.00
Curve Number: 86.59 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

==== Nodes ====

Name: GW Base Flow(cfs): 0.000 Init Stage(ft): 90.000
Group: BASE Warn Stage(ft): 92.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	90.000
960.00	90.000

Name: P1300 Base Flow(cfs): 0.000 Init Stage(ft): 92.000
Group: BASE Warn Stage(ft): 95.000
Type: Stage/Area

Stage(ft)	Area(ac)
92.000	0.4300
94.000	0.4900

Name: TW Base Flow(cfs): 0.000 Init Stage(ft): 90.000
Group: BASE Warn Stage(ft): 92.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	90.000
960.00	90.000

==== Weirs ====

Name: OUT1300 From Node: P1300
Group: BASE To Node: TW
Flow: Both Count: 1
Type: Vertical: Mavis Geometry: Rectangular

Span(in): 180.00
Rise(in): 999.00
Invert(ft): 94.000
Control Elevation(ft): 94.000
TABLE
Bottom Clip(in): 0.000
Top Clip(in): 0.000
Weir Discharge Coef: 3.200

Orifice Discharge Coef: 0.600

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==== Percolation Links ==========
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Name: Infiltration From Node: P1300 Flow: Both
Group: BASE To Node: GW Count: 1

Surface Area Option: Vary based on Stage/Area Table
Vertical Flow Termination: Horizontal Flow Algorithm
Aquifer Base Elev(ft): 88.000 Perimeter 1(ft): 566.000
Water Table Elev(ft): 90.000 Perimeter 2(ft): 1195.000
**********0.000 Perimeter 3(ft): 6849.000
Horiz Conductivity(ft/day): 27.000 Distance 1 to 2(ft): 100.000
Vert Conductivity(ft/day): 6.000 Distance 2 to 3(ft): 900.000
Effective Porosity(dec): 0.250 Num Cells 1 to 2: 40
Suction Head(in): 0.000 Num Cells 2 to 3: 90
Layer Thickness(ft): 2.000

==========
==== Hydrology Simulations ==========
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Name: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.R32

Override Defaults: Yes
Storm Duration(hrs): 240.00
Rainfall File: Fdot-240
Rainfall Amount(in): 19.50

Time(hrs)	Print Inc(min)
240.000	5.00
960.000	30.00

Name: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.R32

Override Defaults: Yes
Storm Duration(hrs): 24.00
Rainfall File: Fdot-24
Rainfall Amount(in): 11.00

Time(hrs)	Print Inc(min)
30.000	5.00
744.000	30.00

==========
==== Routing Simulations ==========
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Name: fdot100y10d Hydrology Sim: fdot100y10d
Filename: W:\US301PD&E\ICPR\fdot100y10d.I32

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

Max Delta Z(ft): 0.05 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 960.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 30.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
200.000	90.000
450.000	15.000
960.000	240.000

Group	Run
BASE	Yes

Name: fdot100y24h Hydrology Sim: fdot100y24h
Filename: W:\US301PD&E\ICPR\fdot100y24h.I32

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

Max Delta Z(ft): 1.00 Delta Z Factor: 0.00500
Time Step Optimizer: 10.000
Start Time(hrs): 0.000 End Time(hrs): 744.00
Min Calc Time(sec): 0.5000 Max Calc Time(sec): 60.0000
Boundary Stages: Boundary Flows:

Time(hrs)	Print Inc(min)
240.000	15.000
744.000	240.000

Group	Run
BASE	Yes

US 301 PD&E Basin 1300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	0.00	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	0.26	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	0.50	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	0.77	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	1.02	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	1.27	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	1.52	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	1.77	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	2.02	92.00	95.00	18731	0.00	0.00	0.0	0.0
fdot100y24h	P1300	BASE	2.27	92.00	95.00	18731	0.02	0.02	0.0	0.0
fdot100y24h	P1300	BASE	2.52	92.00	95.00	18731	0.07	0.07	0.0	0.0
fdot100y24h	P1300	BASE	2.77	92.00	95.00	18731	0.14	0.14	0.0	0.0
fdot100y24h	P1300	BASE	3.02	92.00	95.00	18731	0.20	0.20	0.0	0.0
fdot100y24h	P1300	BASE	3.27	92.00	95.00	18731	0.27	0.27	0.0	0.0
fdot100y24h	P1300	BASE	3.52	92.00	95.00	18731	0.33	0.33	0.0	0.0
fdot100y24h	P1300	BASE	3.77	92.00	95.00	18732	0.38	0.38	0.0	0.0
fdot100y24h	P1300	BASE	4.02	92.00	95.00	18732	0.43	0.43	0.0	0.0
fdot100y24h	P1300	BASE	4.27	92.00	95.00	18732	0.48	0.48	0.0	0.0
fdot100y24h	P1300	BASE	4.52	92.00	95.00	18732	0.52	0.52	0.1	0.1
fdot100y24h	P1300	BASE	4.77	92.00	95.00	18732	0.55	0.55	0.1	0.1
fdot100y24h	P1300	BASE	5.02	92.00	95.00	18732	0.59	0.59	0.1	0.1
fdot100y24h	P1300	BASE	5.27	92.00	95.00	18732	0.68	0.68	0.1	0.1
fdot100y24h	P1300	BASE	5.52	92.00	95.00	18732	0.78	0.78	0.1	0.1
fdot100y24h	P1300	BASE	5.77	92.00	95.00	18733	0.85	0.85	0.1	0.1
fdot100y24h	P1300	BASE	6.02	92.00	95.00	18733	0.90	0.90	0.1	0.1
fdot100y24h	P1300	BASE	6.27	92.00	95.00	18733	0.94	0.94	0.2	0.2
fdot100y24h	P1300	BASE	6.52	92.00	95.00	18733	0.98	0.98	0.2	0.2
fdot100y24h	P1300	BASE	6.77	92.00	95.00	18733	1.01	1.01	0.2	0.2
fdot100y24h	P1300	BASE	7.02	92.00	95.00	18734	1.04	0.83	0.2	0.2
fdot100y24h	P1300	BASE	7.27	92.03	95.00	18766	1.06	0.37	0.2	0.2
fdot100y24h	P1300	BASE	7.52	92.06	95.00	18813	1.08	0.27	0.3	0.2
fdot100y24h	P1300	BASE	7.77	92.10	95.00	18865	1.09	0.23	0.3	0.2
fdot100y24h	P1300	BASE	8.02	92.14	95.00	18920	1.11	0.21	0.3	0.2
fdot100y24h	P1300	BASE	8.27	92.19	95.00	18981	1.30	0.20	0.3	0.3
fdot100y24h	P1300	BASE	8.52	92.25	95.00	19056	1.49	0.19	0.4	0.3
fdot100y24h	P1300	BASE	8.77	92.31	95.00	19140	1.60	0.19	0.4	0.3
fdot100y24h	P1300	BASE	9.02	92.38	95.00	19228	1.68	0.19	0.4	0.3
fdot100y24h	P1300	BASE	9.27	92.45	95.00	19321	1.73	0.19	0.5	0.3
fdot100y24h	P1300	BASE	9.52	92.52	95.00	19415	1.77	0.20	0.5	0.3
fdot100y24h	P1300	BASE	9.77	92.60	95.00	19511	1.80	0.20	0.5	0.3
fdot100y24h	P1300	BASE	10.02	92.67	95.00	19608	1.82	0.20	0.6	0.3
fdot100y24h	P1300	BASE	10.25	92.75	95.00	19704	2.01	0.21	0.6	0.3
fdot100y24h	P1300	BASE	10.51	92.83	95.00	19820	2.22	0.21	0.7	0.3
fdot100y24h	P1300	BASE	10.75	92.93	95.00	19942	2.34	0.22	0.7	0.3
fdot100y24h	P1300	BASE	11.01	93.03	95.00	20072	2.42	0.23	0.8	0.3
fdot100y24h	P1300	BASE	11.26	93.13	95.00	20203	2.66	0.24	0.8	0.3
fdot100y24h	P1300	BASE	11.50	93.24	95.00	20348	2.89	0.25	0.9	0.3
fdot100y24h	P1300	BASE	11.75	93.36	95.00	20503	3.03	0.26	0.9	0.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	12.01	93.48	95.00	20667	3.10	0.27	1.0	0.3
fdot100y24h	P1300	BASE	12.25	93.60	95.00	20822	2.88	0.28	1.0	0.3
fdot100y24h	P1300	BASE	12.50	93.70	95.00	20958	2.62	0.28	1.1	0.3
fdot100y24h	P1300	BASE	12.76	93.80	95.00	21088	2.48	0.29	1.2	0.3
fdot100y24h	P1300	BASE	13.00	93.89	95.00	21206	2.39	0.29	1.2	0.3
fdot100y24h	P1300	BASE	13.25	93.98	95.00	21318	2.24	0.29	1.3	0.3
fdot100y24h	P1300	BASE	13.51	94.05	95.00	21413	2.11	0.86	1.3	0.4
fdot100y24h	P1300	BASE	13.75	94.09	95.00	21459	2.04	1.52	1.3	0.4
fdot100y24h	P1300	BASE	14.00	94.10	95.00	21478	2.00	1.81	1.4	0.4
fdot100y24h	P1300	BASE	14.25	94.11	95.00	21484	1.98	1.92	1.4	0.5
fdot100y24h	P1300	BASE	14.50	94.11	95.00	21487	1.97	1.95	1.5	0.5
fdot100y24h	P1300	BASE	14.75	94.11	95.00	21487	1.97	1.96	1.5	0.5
fdot100y24h	P1300	BASE	15.00	94.11	95.00	21488	1.97	1.96	1.5	0.6
fdot100y24h	P1300	BASE	15.25	94.11	95.00	21487	1.87	1.93	1.6	0.6
fdot100y24h	P1300	BASE	15.50	94.11	95.00	21483	1.77	1.85	1.6	0.7
fdot100y24h	P1300	BASE	15.75	94.10	95.00	21479	1.72	1.78	1.7	0.7
fdot100y24h	P1300	BASE	16.00	94.10	95.00	21476	1.69	1.73	1.7	0.7
fdot100y24h	P1300	BASE	16.25	94.10	95.00	21473	1.57	1.67	1.7	0.8
fdot100y24h	P1300	BASE	16.50	94.09	95.00	21467	1.46	1.56	1.8	0.8
fdot100y24h	P1300	BASE	16.75	94.09	95.00	21462	1.40	1.48	1.8	0.8
fdot100y24h	P1300	BASE	17.00	94.09	95.00	21459	1.37	1.42	1.8	0.9
fdot100y24h	P1300	BASE	17.25	94.09	95.00	21457	1.34	1.38	1.8	0.9
fdot100y24h	P1300	BASE	17.50	94.08	95.00	21455	1.33	1.35	1.9	0.9
fdot100y24h	P1300	BASE	17.75	94.08	95.00	21454	1.32	1.34	1.9	0.9
fdot100y24h	P1300	BASE	18.00	94.08	95.00	21454	1.32	1.33	1.9	1.0
fdot100y24h	P1300	BASE	18.25	94.08	95.00	21454	1.32	1.32	2.0	1.0
fdot100y24h	P1300	BASE	18.50	94.08	95.00	21454	1.32	1.32	2.0	1.0
fdot100y24h	P1300	BASE	18.75	94.08	95.00	21454	1.32	1.32	2.0	1.1
fdot100y24h	P1300	BASE	19.00	94.08	95.00	21454	1.32	1.32	2.0	1.1
fdot100y24h	P1300	BASE	19.25	94.08	95.00	21453	1.23	1.30	2.1	1.1
fdot100y24h	P1300	BASE	19.50	94.08	95.00	21448	1.13	1.22	2.1	1.1
fdot100y24h	P1300	BASE	19.75	94.08	95.00	21443	1.07	1.15	2.1	1.2
fdot100y24h	P1300	BASE	20.00	94.07	95.00	21440	1.04	1.09	2.1	1.2
fdot100y24h	P1300	BASE	20.25	94.07	95.00	21438	1.02	1.06	2.2	1.2
fdot100y24h	P1300	BASE	20.50	94.07	95.00	21436	1.01	1.03	2.2	1.2
fdot100y24h	P1300	BASE	20.75	94.07	95.00	21435	1.00	1.01	2.2	1.2
fdot100y24h	P1300	BASE	21.00	94.07	95.00	21434	0.99	1.00	2.2	1.3
fdot100y24h	P1300	BASE	21.25	94.07	95.00	21432	0.90	0.97	2.2	1.3
fdot100y24h	P1300	BASE	21.50	94.06	95.00	21427	0.80	0.90	2.3	1.3
fdot100y24h	P1300	BASE	21.75	94.06	95.00	21422	0.74	0.82	2.3	1.3
fdot100y24h	P1300	BASE	22.00	94.06	95.00	21418	0.71	0.77	2.3	1.3
fdot100y24h	P1300	BASE	22.25	94.05	95.00	21413	0.59	0.71	2.3	1.4
fdot100y24h	P1300	BASE	22.50	94.05	95.00	21406	0.47	0.61	2.3	1.4
fdot100y24h	P1300	BASE	22.75	94.04	95.00	21399	0.41	0.53	2.3	1.4
fdot100y24h	P1300	BASE	23.00	94.04	95.00	21393	0.38	0.47	2.3	1.4
fdot100y24h	P1300	BASE	23.25	94.03	95.00	21389	0.36	0.42	2.3	1.4
fdot100y24h	P1300	BASE	23.50	94.03	95.00	21386	0.34	0.39	2.3	1.4
fdot100y24h	P1300	BASE	23.75	94.03	95.00	21383	0.33	0.37	2.4	1.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	24.00	94.03	95.00	21382	0.33	0.35	2.4	1.4
fdot100y24h	P1300	BASE	24.25	94.03	95.00	21379	0.23	0.33	2.4	1.4
fdot100y24h	P1300	BASE	24.50	94.02	95.00	21373	0.13	0.27	2.4	1.4
fdot100y24h	P1300	BASE	24.75	94.02	95.00	21365	0.08	0.21	2.4	1.4
fdot100y24h	P1300	BASE	25.00	94.01	95.00	21358	0.05	0.16	2.4	1.4
fdot100y24h	P1300	BASE	25.25	94.01	95.00	21352	0.02	0.13	2.4	1.4
fdot100y24h	P1300	BASE	25.50	94.00	95.00	21346	0.01	0.11	2.4	1.5
fdot100y24h	P1300	BASE	25.75	94.00	95.00	21340	0.00	0.11	2.4	1.5
fdot100y24h	P1300	BASE	26.00	93.99	95.00	21334	0.00	0.11	2.4	1.5
fdot100y24h	P1300	BASE	26.25	93.99	95.00	21328	0.00	0.11	2.4	1.5
fdot100y24h	P1300	BASE	26.50	93.98	95.00	21322	0.00	0.11	2.4	1.5
fdot100y24h	P1300	BASE	26.75	93.98	95.00	21317	0.00	0.11	2.4	1.5
fdot100y24h	P1300	BASE	27.00	93.97	95.00	21311	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	27.25	93.97	95.00	21305	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	27.50	93.97	95.00	21299	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	27.75	93.96	95.00	21294	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	28.00	93.96	95.00	21288	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	28.25	93.95	95.00	21283	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	28.50	93.95	95.00	21277	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	28.75	93.94	95.00	21272	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	29.00	93.94	95.00	21266	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	29.25	93.94	95.00	21261	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	29.50	93.93	95.00	21256	0.00	0.10	2.4	1.5
fdot100y24h	P1300	BASE	29.75	93.93	95.00	21250	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	30.00	93.92	95.00	21245	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	30.25	93.92	95.00	21240	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	30.50	93.92	95.00	21235	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	30.75	93.91	95.00	21230	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	31.00	93.91	95.00	21225	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	31.25	93.90	95.00	21220	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	31.50	93.90	95.00	21215	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	31.75	93.90	95.00	21210	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	32.00	93.89	95.00	21205	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	32.25	93.89	95.00	21200	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	32.50	93.89	95.00	21195	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	32.75	93.88	95.00	21190	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	33.00	93.88	95.00	21185	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	33.25	93.87	95.00	21180	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	33.50	93.87	95.00	21176	0.00	0.09	2.4	1.5
fdot100y24h	P1300	BASE	33.75	93.87	95.00	21171	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	34.00	93.86	95.00	21166	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	34.25	93.86	95.00	21162	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	34.50	93.86	95.00	21157	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	34.75	93.85	95.00	21152	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	35.00	93.85	95.00	21148	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	35.25	93.85	95.00	21143	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	35.50	93.84	95.00	21139	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	35.75	93.84	95.00	21134	0.00	0.08	2.4	1.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	36.00	93.84	95.00	21130	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	36.25	93.83	95.00	21125	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	36.50	93.83	95.00	21121	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	36.75	93.83	95.00	21117	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	37.00	93.82	95.00	21112	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	37.25	93.82	95.00	21108	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	37.50	93.82	95.00	21103	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	37.75	93.81	95.00	21099	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	38.00	93.81	95.00	21095	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	38.25	93.81	95.00	21091	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	38.50	93.80	95.00	21086	0.00	0.08	2.4	1.5
fdot100y24h	P1300	BASE	38.75	93.80	95.00	21082	0.00	0.08	2.4	1.6
fdot100y24h	P1300	BASE	39.00	93.80	95.00	21078	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	39.25	93.79	95.00	21074	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	39.50	93.79	95.00	21070	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	39.75	93.79	95.00	21066	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	40.00	93.78	95.00	21061	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	40.25	93.78	95.00	21057	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	40.50	93.78	95.00	21053	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	40.75	93.77	95.00	21049	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	41.00	93.77	95.00	21045	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	41.25	93.77	95.00	21041	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	41.50	93.76	95.00	21037	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	41.75	93.76	95.00	21033	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	42.00	93.76	95.00	21029	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	42.25	93.76	95.00	21025	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	42.50	93.75	95.00	21021	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	42.75	93.75	95.00	21018	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	43.00	93.75	95.00	21014	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	43.25	93.74	95.00	21010	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	43.50	93.74	95.00	21006	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	43.75	93.74	95.00	21002	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	44.00	93.74	95.00	20998	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	44.25	93.73	95.00	20995	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	44.50	93.73	95.00	20991	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	44.75	93.73	95.00	20987	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	45.00	93.72	95.00	20983	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	45.25	93.72	95.00	20980	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	45.50	93.72	95.00	20976	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	45.75	93.72	95.00	20972	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	46.00	93.71	95.00	20968	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	46.25	93.71	95.00	20965	0.00	0.07	2.4	1.6
fdot100y24h	P1300	BASE	46.50	93.71	95.00	20961	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	46.75	93.70	95.00	20958	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	47.00	93.70	95.00	20954	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	47.25	93.70	95.00	20950	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	47.50	93.70	95.00	20947	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	47.75	93.69	95.00	20943	0.00	0.06	2.4	1.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	48.00	93.69	95.00	20940	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	48.25	93.69	95.00	20936	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	48.50	93.68	95.00	20933	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	48.75	93.68	95.00	20929	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	49.00	93.68	95.00	20925	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	49.25	93.68	95.00	20922	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	49.50	93.67	95.00	20919	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	49.75	93.67	95.00	20915	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	50.00	93.67	95.00	20912	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	50.25	93.67	95.00	20908	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	50.50	93.66	95.00	20905	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	50.75	93.66	95.00	20901	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	51.00	93.66	95.00	20898	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	51.25	93.66	95.00	20895	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	51.50	93.65	95.00	20891	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	51.75	93.65	95.00	20888	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	52.00	93.65	95.00	20884	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	52.25	93.65	95.00	20881	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	52.50	93.64	95.00	20878	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	52.75	93.64	95.00	20874	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	53.00	93.64	95.00	20871	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	53.25	93.64	95.00	20868	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	53.50	93.63	95.00	20865	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	53.75	93.63	95.00	20861	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	54.00	93.63	95.00	20858	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	54.25	93.63	95.00	20855	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	54.50	93.62	95.00	20852	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	54.75	93.62	95.00	20848	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	55.00	93.62	95.00	20845	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	55.25	93.62	95.00	20842	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	55.50	93.61	95.00	20839	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	55.75	93.61	95.00	20836	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	56.00	93.61	95.00	20832	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	56.25	93.61	95.00	20829	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	56.50	93.60	95.00	20826	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	56.75	93.60	95.00	20823	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	57.00	93.60	95.00	20820	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	57.25	93.60	95.00	20817	0.00	0.06	2.4	1.6
fdot100y24h	P1300	BASE	57.50	93.59	95.00	20814	0.00	0.05	2.4	1.6
fdot100y24h	P1300	BASE	57.75	93.59	95.00	20811	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	58.00	93.59	95.00	20808	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	58.25	93.59	95.00	20804	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	58.50	93.58	95.00	20801	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	58.75	93.58	95.00	20798	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	59.00	93.58	95.00	20795	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	59.25	93.58	95.00	20792	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	59.50	93.58	95.00	20789	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	59.75	93.57	95.00	20786	0.00	0.05	2.4	1.7

US 301 PD&E Basin 1300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	60.00	93.57	95.00	20783	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	60.25	93.57	95.00	20780	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	60.50	93.57	95.00	20777	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	60.75	93.56	95.00	20774	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	61.00	93.56	95.00	20771	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	61.25	93.56	95.00	20768	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	61.50	93.56	95.00	20765	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	61.75	93.55	95.00	20762	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	62.00	93.55	95.00	20759	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	62.25	93.55	95.00	20757	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	62.50	93.55	95.00	20754	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	62.75	93.55	95.00	20751	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	63.00	93.54	95.00	20748	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	63.25	93.54	95.00	20745	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	63.50	93.54	95.00	20742	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	63.75	93.54	95.00	20739	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	64.00	93.53	95.00	20736	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	64.25	93.53	95.00	20733	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	64.50	93.53	95.00	20731	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	64.75	93.53	95.00	20728	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	65.00	93.53	95.00	20725	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	65.25	93.52	95.00	20722	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	65.50	93.52	95.00	20719	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	65.75	93.52	95.00	20716	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	66.00	93.52	95.00	20714	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	66.25	93.52	95.00	20711	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	66.50	93.51	95.00	20708	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	66.75	93.51	95.00	20705	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	67.00	93.51	95.00	20703	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	67.25	93.51	95.00	20700	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	67.50	93.50	95.00	20697	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	67.75	93.50	95.00	20694	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	68.00	93.50	95.00	20692	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	68.25	93.50	95.00	20689	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	68.50	93.50	95.00	20686	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	68.75	93.49	95.00	20683	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	69.00	93.49	95.00	20681	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	69.25	93.49	95.00	20678	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	69.50	93.49	95.00	20675	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	69.75	93.49	95.00	20673	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	70.00	93.48	95.00	20670	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	70.25	93.48	95.00	20667	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	70.50	93.48	95.00	20665	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	70.75	93.48	95.00	20662	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	71.00	93.48	95.00	20659	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	71.25	93.47	95.00	20657	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	71.50	93.47	95.00	20654	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	71.75	93.47	95.00	20651	0.00	0.05	2.4	1.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	72.00	93.47	95.00	20649	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	72.25	93.47	95.00	20646	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	72.50	93.46	95.00	20644	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	72.75	93.46	95.00	20641	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	73.00	93.46	95.00	20638	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	73.25	93.46	95.00	20636	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	73.50	93.46	95.00	20633	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	73.75	93.45	95.00	20631	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	74.00	93.45	95.00	20628	0.00	0.05	2.4	1.7
fdot100y24h	P1300	BASE	74.25	93.45	95.00	20625	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	74.50	93.45	95.00	20623	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	74.75	93.45	95.00	20620	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	75.00	93.44	95.00	20618	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	75.25	93.44	95.00	20615	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	75.50	93.44	95.00	20613	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	75.75	93.44	95.00	20610	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	76.00	93.44	95.00	20608	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	76.25	93.43	95.00	20605	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	76.50	93.43	95.00	20603	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	76.75	93.43	95.00	20600	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	77.00	93.43	95.00	20598	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	77.25	93.43	95.00	20595	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	77.50	93.42	95.00	20593	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	77.75	93.42	95.00	20590	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	78.00	93.42	95.00	20588	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	78.25	93.42	95.00	20585	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	78.50	93.42	95.00	20583	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	78.75	93.42	95.00	20580	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	79.00	93.41	95.00	20578	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	79.25	93.41	95.00	20575	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	79.50	93.41	95.00	20573	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	79.75	93.41	95.00	20571	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	80.00	93.41	95.00	20568	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	80.25	93.40	95.00	20566	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	80.50	93.40	95.00	20563	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	80.75	93.40	95.00	20561	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	81.00	93.40	95.00	20558	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	81.25	93.40	95.00	20556	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	81.50	93.39	95.00	20554	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	81.75	93.39	95.00	20551	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	82.00	93.39	95.00	20549	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	82.25	93.39	95.00	20547	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	82.50	93.39	95.00	20544	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	82.75	93.39	95.00	20542	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	83.00	93.38	95.00	20539	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	83.25	93.38	95.00	20537	0.00	0.04	2.4	1.7
fdot100y24h	P1300	BASE	83.50	93.38	95.00	20535	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	83.75	93.38	95.00	20532	0.00	0.04	2.4	1.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	84.00	93.38	95.00	20530	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	84.25	93.38	95.00	20528	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	84.50	93.37	95.00	20525	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	84.75	93.37	95.00	20523	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	85.00	93.37	95.00	20521	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	85.25	93.37	95.00	20518	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	85.50	93.37	95.00	20516	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	85.75	93.36	95.00	20514	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	86.00	93.36	95.00	20512	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	86.25	93.36	95.00	20509	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	86.50	93.36	95.00	20507	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	86.75	93.36	95.00	20505	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	87.00	93.36	95.00	20502	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	87.25	93.35	95.00	20500	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	87.50	93.35	95.00	20498	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	87.75	93.35	95.00	20496	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	88.00	93.35	95.00	20493	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	88.25	93.35	95.00	20491	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	88.50	93.35	95.00	20489	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	88.75	93.34	95.00	20487	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	89.00	93.34	95.00	20484	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	89.25	93.34	95.00	20482	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	89.50	93.34	95.00	20480	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	89.75	93.34	95.00	20478	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	90.00	93.33	95.00	20475	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	90.25	93.33	95.00	20473	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	90.50	93.33	95.00	20471	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	90.75	93.33	95.00	20469	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	91.00	93.33	95.00	20467	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	91.25	93.33	95.00	20464	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	91.50	93.32	95.00	20462	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	91.75	93.32	95.00	20460	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	92.00	93.32	95.00	20458	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	92.25	93.32	95.00	20456	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	92.50	93.32	95.00	20453	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	92.75	93.32	95.00	20451	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	93.00	93.31	95.00	20449	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	93.25	93.31	95.00	20447	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	93.50	93.31	95.00	20445	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	93.75	93.31	95.00	20443	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	94.00	93.31	95.00	20440	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	94.25	93.31	95.00	20438	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	94.50	93.30	95.00	20436	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	94.75	93.30	95.00	20434	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	95.00	93.30	95.00	20432	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	95.25	93.30	95.00	20430	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	95.50	93.30	95.00	20428	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	95.75	93.30	95.00	20425	0.00	0.04	2.4	1.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	96.00	93.30	95.00	20423	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	96.25	93.29	95.00	20421	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	96.50	93.29	95.00	20419	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	96.75	93.29	95.00	20417	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	97.00	93.29	95.00	20415	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	97.25	93.29	95.00	20413	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	97.50	93.29	95.00	20411	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	97.75	93.28	95.00	20409	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	98.00	93.28	95.00	20407	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	98.25	93.28	95.00	20404	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	98.50	93.28	95.00	20402	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	98.75	93.28	95.00	20400	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	99.00	93.28	95.00	20398	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	99.25	93.27	95.00	20396	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	99.50	93.27	95.00	20394	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	99.75	93.27	95.00	20392	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	100.00	93.27	95.00	20390	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	100.25	93.27	95.00	20388	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	100.50	93.27	95.00	20386	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	100.75	93.26	95.00	20384	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	101.00	93.26	95.00	20382	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	101.25	93.26	95.00	20380	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	101.50	93.26	95.00	20378	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	101.75	93.26	95.00	20376	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	102.00	93.26	95.00	20374	0.00	0.04	2.4	1.8
fdot100y24h	P1300	BASE	102.25	93.26	95.00	20372	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	102.50	93.25	95.00	20370	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	102.75	93.25	95.00	20368	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	103.00	93.25	95.00	20366	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	103.25	93.25	95.00	20364	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	103.50	93.25	95.00	20362	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	103.75	93.25	95.00	20360	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	104.00	93.24	95.00	20358	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	104.25	93.24	95.00	20356	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	104.50	93.24	95.00	20354	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	104.75	93.24	95.00	20352	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	105.00	93.24	95.00	20350	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	105.25	93.24	95.00	20348	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	105.50	93.24	95.00	20346	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	105.75	93.23	95.00	20344	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	106.00	93.23	95.00	20342	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	106.25	93.23	95.00	20340	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	106.50	93.23	95.00	20338	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	106.75	93.23	95.00	20336	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	107.00	93.23	95.00	20334	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	107.25	93.23	95.00	20332	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	107.50	93.22	95.00	20330	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	107.75	93.22	95.00	20328	0.00	0.03	2.4	1.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	108.00	93.22	95.00	20326	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	108.25	93.22	95.00	20324	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	108.50	93.22	95.00	20322	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	108.75	93.22	95.00	20320	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	109.00	93.21	95.00	20318	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	109.25	93.21	95.00	20317	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	109.50	93.21	95.00	20315	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	109.75	93.21	95.00	20313	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	110.00	93.21	95.00	20311	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	110.25	93.21	95.00	20309	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	110.50	93.21	95.00	20307	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	110.75	93.20	95.00	20305	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	111.00	93.20	95.00	20303	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	111.25	93.20	95.00	20301	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	111.50	93.20	95.00	20299	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	111.75	93.20	95.00	20298	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	112.00	93.20	95.00	20296	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	112.25	93.20	95.00	20294	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	112.50	93.19	95.00	20292	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	112.75	93.19	95.00	20290	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	113.00	93.19	95.00	20288	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	113.25	93.19	95.00	20286	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	113.50	93.19	95.00	20284	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	113.75	93.19	95.00	20283	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	114.00	93.19	95.00	20281	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	114.25	93.18	95.00	20279	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	114.50	93.18	95.00	20277	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	114.75	93.18	95.00	20275	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	115.00	93.18	95.00	20273	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	115.25	93.18	95.00	20271	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	115.50	93.18	95.00	20270	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	115.75	93.18	95.00	20268	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	116.00	93.17	95.00	20266	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	116.25	93.17	95.00	20264	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	116.50	93.17	95.00	20262	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	116.75	93.17	95.00	20260	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	117.00	93.17	95.00	20259	0.00	0.03	2.4	1.8
fdot100y24h	P1300	BASE	117.25	93.17	95.00	20257	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	117.50	93.17	95.00	20255	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	117.75	93.16	95.00	20253	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	118.00	93.16	95.00	20251	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	118.25	93.16	95.00	20249	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	118.50	93.16	95.00	20248	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	118.75	93.16	95.00	20246	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	119.00	93.16	95.00	20244	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	119.25	93.16	95.00	20242	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	119.50	93.16	95.00	20240	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	119.75	93.15	95.00	20239	0.00	0.03	2.4	1.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	120.00	93.15	95.00	20237	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	120.25	93.15	95.00	20235	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	120.50	93.15	95.00	20233	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	120.75	93.15	95.00	20232	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	121.00	93.15	95.00	20230	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	121.25	93.15	95.00	20228	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	121.50	93.14	95.00	20226	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	121.75	93.14	95.00	20224	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	122.00	93.14	95.00	20223	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	122.25	93.14	95.00	20221	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	122.50	93.14	95.00	20219	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	122.75	93.14	95.00	20217	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	123.00	93.14	95.00	20216	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	123.25	93.13	95.00	20214	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	123.50	93.13	95.00	20212	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	123.75	93.13	95.00	20210	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	124.00	93.13	95.00	20209	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	124.25	93.13	95.00	20207	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	124.50	93.13	95.00	20205	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	124.75	93.13	95.00	20203	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	125.00	93.13	95.00	20202	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	125.25	93.12	95.00	20200	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	125.50	93.12	95.00	20198	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	125.75	93.12	95.00	20196	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	126.00	93.12	95.00	20195	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	126.25	93.12	95.00	20193	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	126.50	93.12	95.00	20191	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	126.75	93.12	95.00	20190	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	127.00	93.11	95.00	20188	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	127.25	93.11	95.00	20186	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	127.50	93.11	95.00	20184	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	127.75	93.11	95.00	20183	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	128.00	93.11	95.00	20181	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	128.25	93.11	95.00	20179	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	128.50	93.11	95.00	20178	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	128.75	93.11	95.00	20176	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	129.00	93.10	95.00	20174	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	129.25	93.10	95.00	20173	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	129.50	93.10	95.00	20171	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	129.75	93.10	95.00	20169	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	130.00	93.10	95.00	20167	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	130.25	93.10	95.00	20166	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	130.50	93.10	95.00	20164	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	130.75	93.10	95.00	20162	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	131.00	93.09	95.00	20161	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	131.25	93.09	95.00	20159	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	131.50	93.09	95.00	20157	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	131.75	93.09	95.00	20156	0.00	0.03	2.4	1.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	132.00	93.09	95.00	20154	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	132.25	93.09	95.00	20152	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	132.50	93.09	95.00	20151	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	132.75	93.09	95.00	20149	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	133.00	93.08	95.00	20147	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	133.25	93.08	95.00	20146	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	133.50	93.08	95.00	20144	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	133.75	93.08	95.00	20143	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	134.00	93.08	95.00	20141	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	134.25	93.08	95.00	20139	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	134.50	93.08	95.00	20138	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	134.75	93.08	95.00	20136	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	135.00	93.07	95.00	20134	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	135.25	93.07	95.00	20133	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	135.50	93.07	95.00	20131	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	135.75	93.07	95.00	20129	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	136.00	93.07	95.00	20128	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	136.25	93.07	95.00	20126	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	136.50	93.07	95.00	20125	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	136.75	93.07	95.00	20123	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	137.00	93.06	95.00	20121	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	137.25	93.06	95.00	20120	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	137.50	93.06	95.00	20118	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	137.75	93.06	95.00	20116	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	138.00	93.06	95.00	20115	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	138.25	93.06	95.00	20113	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	138.50	93.06	95.00	20112	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	138.75	93.06	95.00	20110	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	139.00	93.05	95.00	20108	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	139.25	93.05	95.00	20107	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	139.50	93.05	95.00	20105	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	139.75	93.05	95.00	20104	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	140.00	93.05	95.00	20102	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	140.25	93.05	95.00	20101	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	140.50	93.05	95.00	20099	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	140.75	93.05	95.00	20097	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	141.00	93.04	95.00	20096	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	141.25	93.04	95.00	20094	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	141.50	93.04	95.00	20093	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	141.75	93.04	95.00	20091	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	142.00	93.04	95.00	20089	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	142.25	93.04	95.00	20088	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	142.50	93.04	95.00	20086	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	142.75	93.04	95.00	20085	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	143.00	93.03	95.00	20083	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	143.25	93.03	95.00	20082	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	143.50	93.03	95.00	20080	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	143.75	93.03	95.00	20079	0.00	0.03	2.4	1.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	144.00	93.03	95.00	20077	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	144.25	93.03	95.00	20075	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	144.50	93.03	95.00	20074	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	144.75	93.03	95.00	20072	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	145.00	93.03	95.00	20071	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	145.25	93.02	95.00	20069	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	145.50	93.02	95.00	20068	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	145.75	93.02	95.00	20066	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	146.00	93.02	95.00	20065	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	146.25	93.02	95.00	20063	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	146.50	93.02	95.00	20062	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	146.75	93.02	95.00	20060	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	147.00	93.02	95.00	20058	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	147.25	93.01	95.00	20057	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	147.50	93.01	95.00	20055	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	147.75	93.01	95.00	20054	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	148.00	93.01	95.00	20052	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	148.25	93.01	95.00	20051	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	148.50	93.01	95.00	20049	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	148.75	93.01	95.00	20048	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	149.00	93.01	95.00	20046	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	149.25	93.01	95.00	20045	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	149.50	93.00	95.00	20043	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	149.75	93.00	95.00	20042	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	150.00	93.00	95.00	20040	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	150.25	93.00	95.00	20039	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	150.50	93.00	95.00	20037	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	150.75	93.00	95.00	20036	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	151.00	93.00	95.00	20034	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	151.25	93.00	95.00	20033	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	151.50	93.00	95.00	20031	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	151.75	92.99	95.00	20030	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	152.00	92.99	95.00	20028	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	152.25	92.99	95.00	20027	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	152.50	92.99	95.00	20025	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	152.75	92.99	95.00	20024	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	153.00	92.99	95.00	20022	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	153.25	92.99	95.00	20021	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	153.50	92.99	95.00	20019	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	153.75	92.98	95.00	20018	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	154.00	92.98	95.00	20016	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	154.25	92.98	95.00	20015	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	154.50	92.98	95.00	20013	0.00	0.03	2.4	1.9
fdot100y24h	P1300	BASE	154.75	92.98	95.00	20012	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	155.00	92.98	95.00	20011	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	155.25	92.98	95.00	20009	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	155.50	92.98	95.00	20008	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	155.75	92.98	95.00	20006	0.00	0.02	2.4	1.9

US 301 PD&E Basin 1300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	156.00	92.97	95.00	20005	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	156.25	92.97	95.00	20003	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	156.50	92.97	95.00	20002	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	156.75	92.97	95.00	20000	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	157.00	92.97	95.00	19999	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	157.25	92.97	95.00	19997	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	157.50	92.97	95.00	19996	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	157.75	92.97	95.00	19994	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	158.00	92.97	95.00	19993	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	158.25	92.96	95.00	19992	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	158.50	92.96	95.00	19990	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	158.75	92.96	95.00	19989	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	159.00	92.96	95.00	19987	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	159.25	92.96	95.00	19986	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	159.50	92.96	95.00	19984	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	159.75	92.96	95.00	19983	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	160.00	92.96	95.00	19982	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	160.25	92.96	95.00	19980	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	160.50	92.95	95.00	19979	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	160.75	92.95	95.00	19977	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	161.00	92.95	95.00	19976	0.00	0.02	2.4	1.9
fdot100y24h	P1300	BASE	161.25	92.95	95.00	19974	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	161.50	92.95	95.00	19973	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	161.75	92.95	95.00	19972	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	162.00	92.95	95.00	19970	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	162.25	92.95	95.00	19969	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	162.50	92.95	95.00	19967	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	162.75	92.95	95.00	19966	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	163.00	92.94	95.00	19965	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	163.25	92.94	95.00	19963	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	163.50	92.94	95.00	19962	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	163.75	92.94	95.00	19960	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	164.00	92.94	95.00	19959	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	164.25	92.94	95.00	19957	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	164.50	92.94	95.00	19956	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	164.75	92.94	95.00	19955	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	165.00	92.94	95.00	19953	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	165.25	92.93	95.00	19952	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	165.50	92.93	95.00	19950	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	165.75	92.93	95.00	19949	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	166.00	92.93	95.00	19948	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	166.25	92.93	95.00	19946	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	166.50	92.93	95.00	19945	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	166.75	92.93	95.00	19944	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	167.00	92.93	95.00	19942	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	167.25	92.93	95.00	19941	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	167.50	92.92	95.00	19939	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	167.75	92.92	95.00	19938	0.00	0.02	2.4	2.0

½ VOLUME RECOVERY
5.7 DAYS AFTER
24 HOUR EVENT

5/1/2009,9:50:29 AM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	168.00	92.92	95.00	19937	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	168.25	92.92	95.00	19935	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	168.50	92.92	95.00	19934	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	168.75	92.92	95.00	19933	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	169.00	92.92	95.00	19931	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	169.25	92.92	95.00	19930	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	169.50	92.92	95.00	19928	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	169.75	92.92	95.00	19927	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	170.00	92.91	95.00	19926	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	170.25	92.91	95.00	19924	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	170.50	92.91	95.00	19923	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	170.75	92.91	95.00	19922	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	171.00	92.91	95.00	19920	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	171.25	92.91	95.00	19919	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	171.50	92.91	95.00	19918	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	171.75	92.91	95.00	19916	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	172.00	92.91	95.00	19915	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	172.25	92.91	95.00	19914	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	172.50	92.90	95.00	19912	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	172.75	92.90	95.00	19911	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	173.00	92.90	95.00	19909	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	173.25	92.90	95.00	19908	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	173.50	92.90	95.00	19907	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	173.75	92.90	95.00	19905	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	174.00	92.90	95.00	19904	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	174.25	92.90	95.00	19903	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	174.50	92.90	95.00	19901	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	174.75	92.89	95.00	19900	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	175.00	92.89	95.00	19899	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	175.25	92.89	95.00	19897	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	175.50	92.89	95.00	19896	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	175.75	92.89	95.00	19895	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	176.00	92.89	95.00	19893	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	176.25	92.89	95.00	19892	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	176.50	92.89	95.00	19891	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	176.75	92.89	95.00	19890	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	177.00	92.89	95.00	19888	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	177.25	92.88	95.00	19887	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	177.50	92.88	95.00	19886	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	177.75	92.88	95.00	19884	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	178.00	92.88	95.00	19883	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	178.25	92.88	95.00	19882	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	178.50	92.88	95.00	19880	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	178.75	92.88	95.00	19879	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	179.00	92.88	95.00	19878	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	179.25	92.88	95.00	19876	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	179.50	92.88	95.00	19875	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	179.75	92.87	95.00	19874	0.00	0.02	2.4	2.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	180.00	92.87	95.00	19872	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	180.25	92.87	95.00	19871	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	180.50	92.87	95.00	19870	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	180.75	92.87	95.00	19869	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	181.00	92.87	95.00	19867	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	181.25	92.87	95.00	19866	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	181.50	92.87	95.00	19865	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	181.75	92.87	95.00	19863	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	182.00	92.87	95.00	19862	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	182.25	92.86	95.00	19861	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	182.50	92.86	95.00	19860	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	182.75	92.86	95.00	19858	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	183.00	92.86	95.00	19857	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	183.25	92.86	95.00	19856	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	183.50	92.86	95.00	19854	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	183.75	92.86	95.00	19853	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	184.00	92.86	95.00	19852	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	184.25	92.86	95.00	19851	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	184.50	92.86	95.00	19849	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	184.75	92.85	95.00	19848	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	185.00	92.85	95.00	19847	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	185.25	92.85	95.00	19845	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	185.50	92.85	95.00	19844	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	185.75	92.85	95.00	19843	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	186.00	92.85	95.00	19842	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	186.25	92.85	95.00	19840	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	186.50	92.85	95.00	19839	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	186.75	92.85	95.00	19838	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	187.00	92.85	95.00	19837	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	187.25	92.85	95.00	19835	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	187.50	92.84	95.00	19834	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	187.75	92.84	95.00	19833	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	188.00	92.84	95.00	19832	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	188.25	92.84	95.00	19830	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	188.50	92.84	95.00	19829	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	188.75	92.84	95.00	19828	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	189.00	92.84	95.00	19827	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	189.25	92.84	95.00	19825	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	189.50	92.84	95.00	19824	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	189.75	92.84	95.00	19823	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	190.00	92.83	95.00	19822	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	190.25	92.83	95.00	19820	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	190.50	92.83	95.00	19819	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	190.75	92.83	95.00	19818	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	191.00	92.83	95.00	19817	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	191.25	92.83	95.00	19815	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	191.50	92.83	95.00	19814	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	191.75	92.83	95.00	19813	0.00	0.02	2.4	2.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	192.00	92.83	95.00	19812	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	192.25	92.83	95.00	19810	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	192.50	92.83	95.00	19809	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	192.75	92.82	95.00	19808	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	193.00	92.82	95.00	19807	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	193.25	92.82	95.00	19806	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	193.50	92.82	95.00	19804	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	193.75	92.82	95.00	19803	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	194.00	92.82	95.00	19802	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	194.25	92.82	95.00	19801	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	194.50	92.82	95.00	19799	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	194.75	92.82	95.00	19798	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	195.00	92.82	95.00	19797	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	195.25	92.81	95.00	19796	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	195.50	92.81	95.00	19795	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	195.75	92.81	95.00	19793	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	196.00	92.81	95.00	19792	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	196.25	92.81	95.00	19791	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	196.50	92.81	95.00	19790	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	196.75	92.81	95.00	19789	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	197.00	92.81	95.00	19787	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	197.25	92.81	95.00	19786	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	197.50	92.81	95.00	19785	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	197.75	92.81	95.00	19784	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	198.00	92.80	95.00	19783	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	198.25	92.80	95.00	19781	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	198.50	92.80	95.00	19780	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	198.75	92.80	95.00	19779	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	199.00	92.80	95.00	19778	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	199.25	92.80	95.00	19777	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	199.50	92.80	95.00	19775	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	199.75	92.80	95.00	19774	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	200.00	92.80	95.00	19773	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	200.25	92.80	95.00	19772	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	200.50	92.80	95.00	19771	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	200.75	92.79	95.00	19769	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	201.00	92.79	95.00	19768	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	201.25	92.79	95.00	19767	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	201.50	92.79	95.00	19766	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	201.75	92.79	95.00	19765	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	202.00	92.79	95.00	19763	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	202.25	92.79	95.00	19762	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	202.50	92.79	95.00	19761	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	202.75	92.79	95.00	19760	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	203.00	92.79	95.00	19759	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	203.25	92.79	95.00	19758	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	203.50	92.78	95.00	19756	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	203.75	92.78	95.00	19755	0.00	0.02	2.4	2.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	204.00	92.78	95.00	19754	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	204.25	92.78	95.00	19753	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	204.50	92.78	95.00	19752	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	204.75	92.78	95.00	19751	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	205.00	92.78	95.00	19749	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	205.25	92.78	95.00	19748	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	205.50	92.78	95.00	19747	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	205.75	92.78	95.00	19746	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	206.00	92.78	95.00	19745	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	206.25	92.77	95.00	19744	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	206.50	92.77	95.00	19742	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	206.75	92.77	95.00	19741	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	207.00	92.77	95.00	19740	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	207.25	92.77	95.00	19739	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	207.50	92.77	95.00	19738	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	207.75	92.77	95.00	19737	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	208.00	92.77	95.00	19735	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	208.25	92.77	95.00	19734	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	208.50	92.77	95.00	19733	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	208.75	92.77	95.00	19732	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	209.00	92.77	95.00	19731	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	209.25	92.76	95.00	19730	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	209.50	92.76	95.00	19729	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	209.75	92.76	95.00	19727	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	210.00	92.76	95.00	19726	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	210.25	92.76	95.00	19725	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	210.50	92.76	95.00	19724	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	210.75	92.76	95.00	19723	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	211.00	92.76	95.00	19722	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	211.25	92.76	95.00	19721	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	211.50	92.76	95.00	19719	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	211.75	92.76	95.00	19718	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	212.00	92.75	95.00	19717	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	212.25	92.75	95.00	19716	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	212.50	92.75	95.00	19715	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	212.75	92.75	95.00	19714	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	213.00	92.75	95.00	19713	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	213.25	92.75	95.00	19712	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	213.50	92.75	95.00	19710	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	213.75	92.75	95.00	19709	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	214.00	92.75	95.00	19708	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	214.25	92.75	95.00	19707	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	214.50	92.75	95.00	19706	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	214.75	92.75	95.00	19705	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	215.00	92.74	95.00	19704	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	215.25	92.74	95.00	19703	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	215.50	92.74	95.00	19701	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	215.75	92.74	95.00	19700	0.00	0.02	2.4	2.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	216.00	92.74	95.00	19699	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	216.25	92.74	95.00	19698	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	216.50	92.74	95.00	19697	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	216.75	92.74	95.00	19696	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	217.00	92.74	95.00	19695	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	217.25	92.74	95.00	19694	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	217.50	92.74	95.00	19693	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	217.75	92.74	95.00	19691	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	218.00	92.73	95.00	19690	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	218.25	92.73	95.00	19689	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	218.50	92.73	95.00	19688	0.00	0.02	2.4	2.0
fdot100y24h	P1300	BASE	218.75	92.73	95.00	19687	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	219.00	92.73	95.00	19686	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	219.25	92.73	95.00	19685	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	219.50	92.73	95.00	19684	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	219.75	92.73	95.00	19683	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	220.00	92.73	95.00	19682	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	220.25	92.73	95.00	19680	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	220.50	92.73	95.00	19679	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	220.75	92.73	95.00	19678	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	221.00	92.72	95.00	19677	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	221.25	92.72	95.00	19676	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	221.50	92.72	95.00	19675	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	221.75	92.72	95.00	19674	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	222.00	92.72	95.00	19673	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	222.25	92.72	95.00	19672	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	222.50	92.72	95.00	19671	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	222.75	92.72	95.00	19670	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	223.00	92.72	95.00	19668	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	223.25	92.72	95.00	19667	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	223.50	92.72	95.00	19666	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	223.75	92.72	95.00	19665	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	224.00	92.71	95.00	19664	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	224.25	92.71	95.00	19663	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	224.50	92.71	95.00	19662	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	224.75	92.71	95.00	19661	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	225.00	92.71	95.00	19660	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	225.25	92.71	95.00	19659	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	225.50	92.71	95.00	19658	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	225.75	92.71	95.00	19657	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	226.00	92.71	95.00	19656	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	226.25	92.71	95.00	19654	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	226.50	92.71	95.00	19653	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	226.75	92.71	95.00	19652	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	227.00	92.70	95.00	19651	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	227.25	92.70	95.00	19650	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	227.50	92.70	95.00	19649	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	227.75	92.70	95.00	19648	0.00	0.02	2.4	2.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	228.00	92.70	95.00	19647	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	228.25	92.70	95.00	19646	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	228.50	92.70	95.00	19645	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	228.75	92.70	95.00	19644	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	229.00	92.70	95.00	19643	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	229.25	92.70	95.00	19642	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	229.50	92.70	95.00	19641	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	229.75	92.70	95.00	19640	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	230.00	92.69	95.00	19639	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	230.25	92.69	95.00	19637	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	230.50	92.69	95.00	19636	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	230.75	92.69	95.00	19635	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	231.00	92.69	95.00	19634	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	231.25	92.69	95.00	19633	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	231.50	92.69	95.00	19632	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	231.75	92.69	95.00	19631	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	232.00	92.69	95.00	19630	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	232.25	92.69	95.00	19629	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	232.50	92.69	95.00	19628	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	232.75	92.69	95.00	19627	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	233.00	92.68	95.00	19626	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	233.25	92.68	95.00	19625	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	233.50	92.68	95.00	19624	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	233.75	92.68	95.00	19623	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	234.00	92.68	95.00	19622	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	234.25	92.68	95.00	19621	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	234.50	92.68	95.00	19620	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	234.75	92.68	95.00	19619	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	235.00	92.68	95.00	19618	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	235.25	92.68	95.00	19617	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	235.50	92.68	95.00	19616	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	235.75	92.68	95.00	19615	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	236.00	92.68	95.00	19614	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	236.25	92.67	95.00	19612	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	236.50	92.67	95.00	19611	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	236.75	92.67	95.00	19610	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	237.00	92.67	95.00	19609	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	237.25	92.67	95.00	19608	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	237.50	92.67	95.00	19607	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	237.75	92.67	95.00	19606	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	238.00	92.67	95.00	19605	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	238.25	92.67	95.00	19604	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	238.50	92.67	95.00	19603	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	238.75	92.67	95.00	19602	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	239.00	92.67	95.00	19601	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	239.25	92.67	95.00	19600	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	239.50	92.66	95.00	19599	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	239.75	92.66	95.00	19598	0.00	0.02	2.4	2.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	240.00	92.66	95.00	19597	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	240.25	92.66	95.00	19596	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	244.25	92.65	95.00	19580	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	248.25	92.64	95.00	19564	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	252.25	92.63	95.00	19549	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	256.25	92.61	95.00	19533	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	260.25	92.60	95.00	19518	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	264.25	92.59	95.00	19503	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	268.25	92.58	95.00	19488	0.00	0.02	2.4	2.1
fdot100y24h	P1300	BASE	272.25	92.57	95.00	19474	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	276.25	92.56	95.00	19459	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	280.25	92.55	95.00	19445	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	284.25	92.54	95.00	19431	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	288.25	92.53	95.00	19418	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	292.25	92.52	95.00	19404	0.00	0.01	2.4	2.1
fdot100y24h	P1300	BASE	296.25	92.50	95.00	19391	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	300.25	92.49	95.00	19377	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	304.25	92.48	95.00	19364	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	308.25	92.48	95.00	19352	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	312.25	92.47	95.00	19339	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	316.25	92.46	95.00	19326	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	320.25	92.45	95.00	19314	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	324.25	92.44	95.00	19302	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	328.25	92.43	95.00	19290	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	332.25	92.42	95.00	19278	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	336.25	92.41	95.00	19266	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	340.25	92.40	95.00	19255	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	344.25	92.39	95.00	19243	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	348.25	92.38	95.00	19232	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	352.25	92.37	95.00	19221	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	356.25	92.37	95.00	19209	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	360.25	92.36	95.00	19199	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	364.25	92.35	95.00	19188	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	368.25	92.34	95.00	19177	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	372.25	92.33	95.00	19167	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	376.25	92.33	95.00	19156	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	380.25	92.32	95.00	19146	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	384.25	92.31	95.00	19136	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	388.25	92.30	95.00	19126	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	392.25	92.29	95.00	19116	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	396.25	92.29	95.00	19106	0.00	0.01	2.4	2.2
fdot100y24h	P1300	BASE	400.25	92.28	95.00	19096	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	404.25	92.27	95.00	19086	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	408.25	92.26	95.00	19077	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	412.25	92.26	95.00	19067	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	416.25	92.25	95.00	19058	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	420.25	92.24	95.00	19049	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	424.25	92.24	95.00	19040	0.00	0.01	2.4	2.3

US 301 PD&E Basin 1300
Pond Drawdown Analysis

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	428.25	92.23	95.00	19031	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	432.25	92.22	95.00	19022	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	436.25	92.22	95.00	19013	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	440.25	92.21	95.00	19004	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	444.25	92.20	95.00	18996	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	448.25	92.20	95.00	18987	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	452.25	92.19	95.00	18979	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	456.25	92.18	95.00	18970	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	460.25	92.18	95.00	18962	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	464.25	92.17	95.00	18954	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	468.25	92.16	95.00	18945	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	472.25	92.16	95.00	18937	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	476.25	92.15	95.00	18929	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	480.25	92.15	95.00	18921	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	484.25	92.14	95.00	18914	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	488.25	92.13	95.00	18906	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	492.25	92.13	95.00	18898	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	496.25	92.12	95.00	18891	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	500.25	92.12	95.00	18883	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	504.25	92.11	95.00	18876	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	508.25	92.11	95.00	18868	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	512.25	92.10	95.00	18861	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	516.25	92.09	95.00	18853	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	520.25	92.09	95.00	18846	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	524.25	92.08	95.00	18839	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	528.25	92.08	95.00	18832	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	532.25	92.07	95.00	18825	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	536.25	92.07	95.00	18818	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	540.25	92.06	95.00	18811	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	544.25	92.06	95.00	18804	0.00	0.01	2.4	2.3
fdot100y24h	P1300	BASE	548.25	92.05	95.00	18798	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	552.25	92.05	95.00	18791	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	556.25	92.04	95.00	18784	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	560.25	92.04	95.00	18778	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	564.25	92.03	95.00	18771	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	568.25	92.03	95.00	18764	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	572.25	92.02	95.00	18758	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	576.25	92.02	95.00	18752	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	580.25	92.01	95.00	18745	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	584.25	92.01	95.00	18739	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	588.25	92.00	95.00	18733	0.00	0.01	2.4	2.4
fdot100y24h	P1300	BASE	592.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	596.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	600.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	604.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	608.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	612.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	616.25	92.00	95.00	18731	0.00	0.00	2.4	2.4

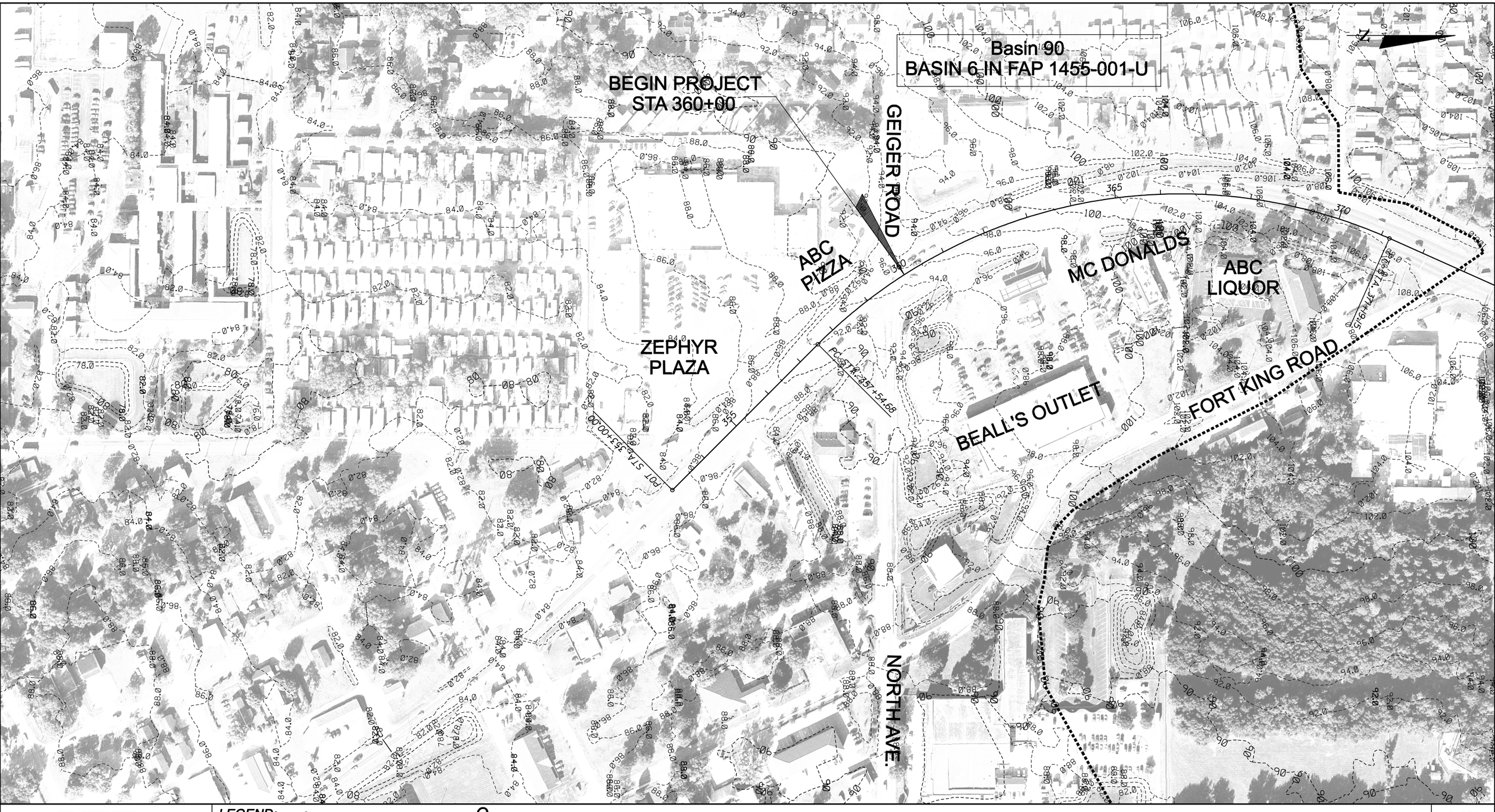
FULL VOLUME RECOVERY 23.5 DAYS AFTER 24 HOUR EVENT

5/1/2009,9:50:29 AM

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
fdot100y24h	P1300	BASE	620.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	624.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	628.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	632.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	636.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	640.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	644.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	648.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	652.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	656.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	660.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	664.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	668.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	672.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	676.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	680.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	684.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	688.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	692.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	696.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	700.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	704.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	708.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	712.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	716.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	720.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	724.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	728.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	732.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	736.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	740.25	92.00	95.00	18731	0.00	0.00	2.4	2.4
fdot100y24h	P1300	BASE	744.01	92.00	95.00	18731	0.00	0.00	2.4	2.4

APPENDIX I

DRAINAGE BASIN MAPS



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

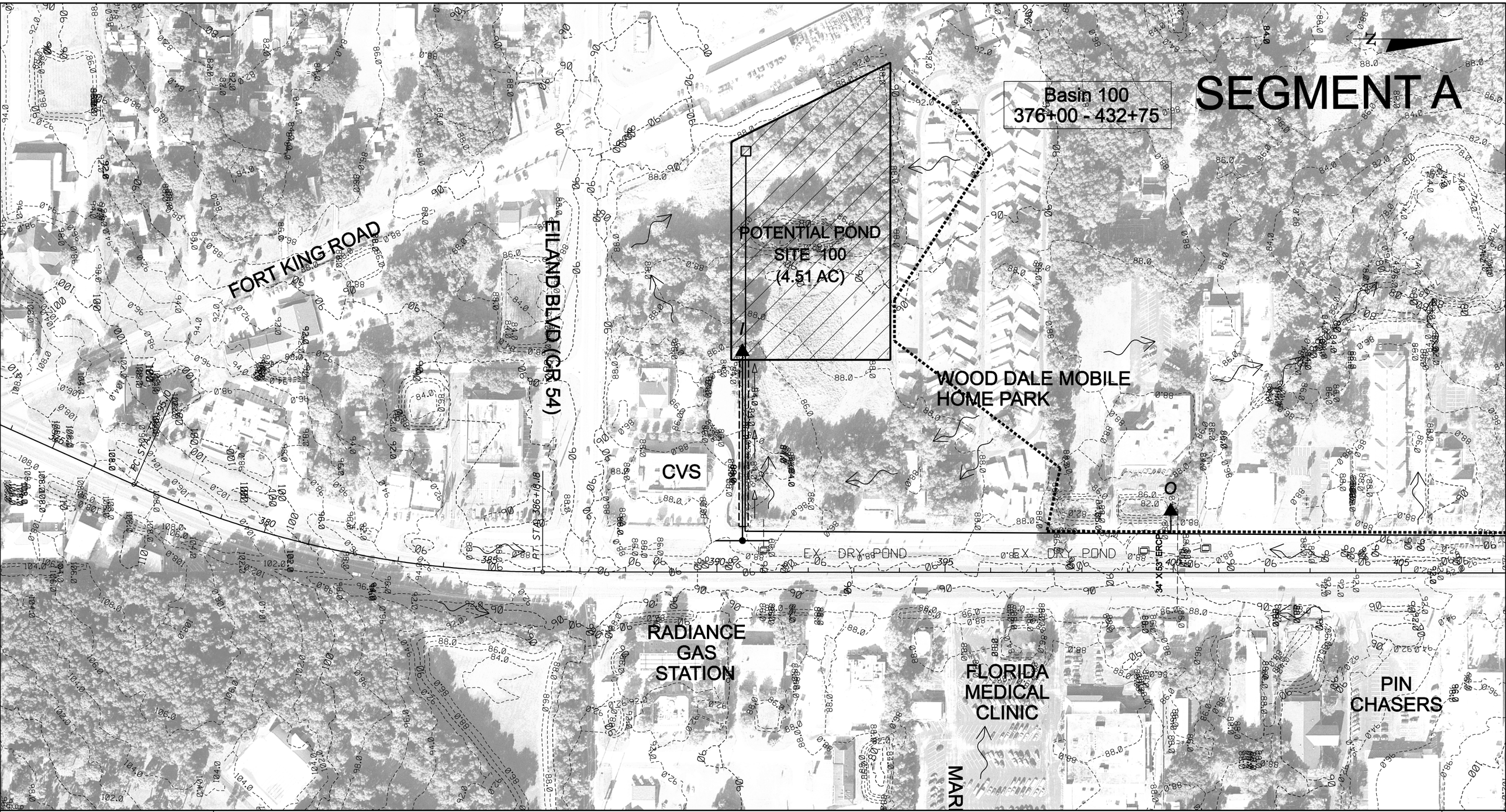
----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
1



HDR Engineering, Inc.

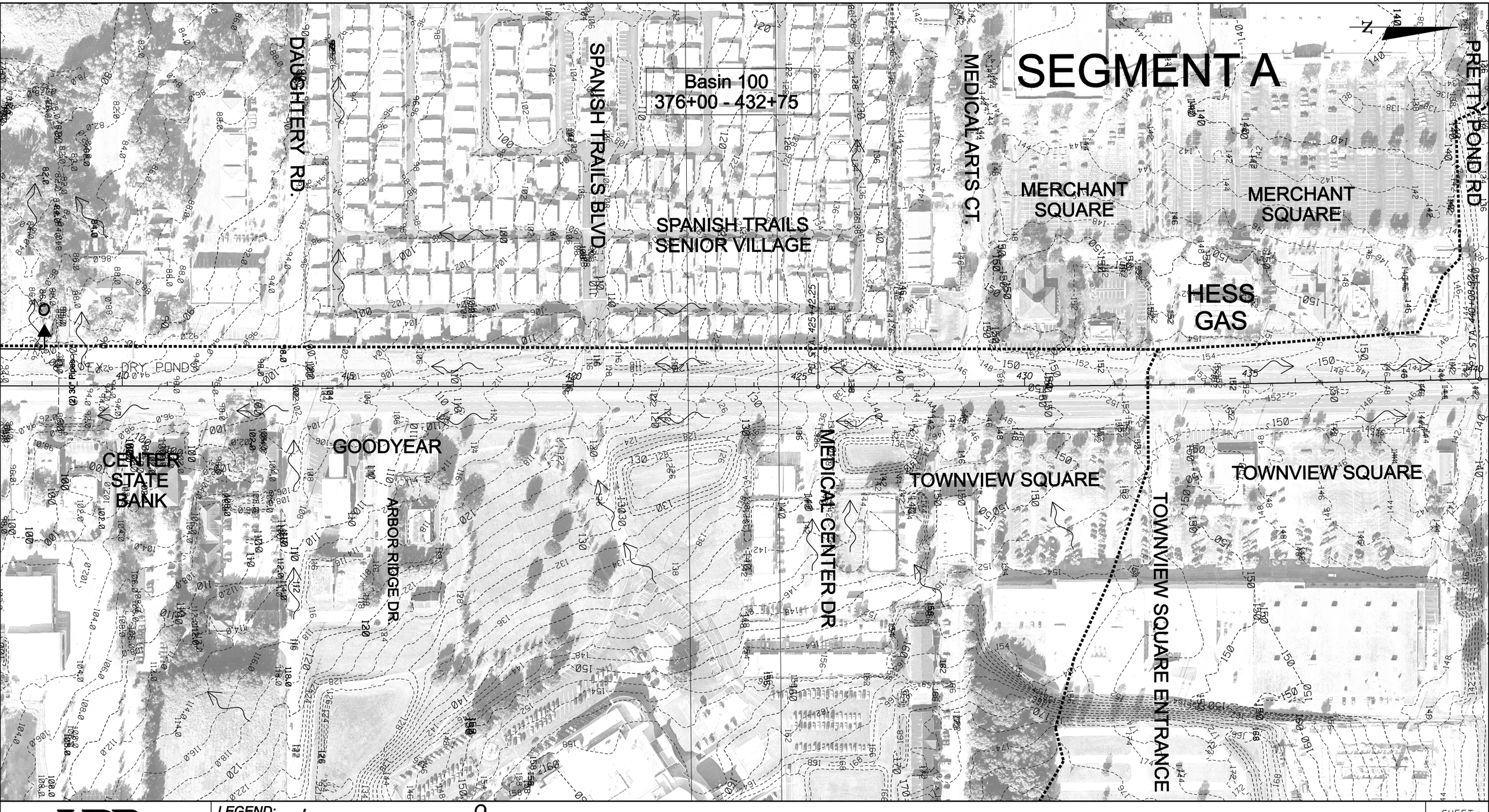
LEGEND:

- I — INFLOW TO POND
- O — OUTFLOW FROM POND
- ----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)
- DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 2



HDR Engineering, Inc.

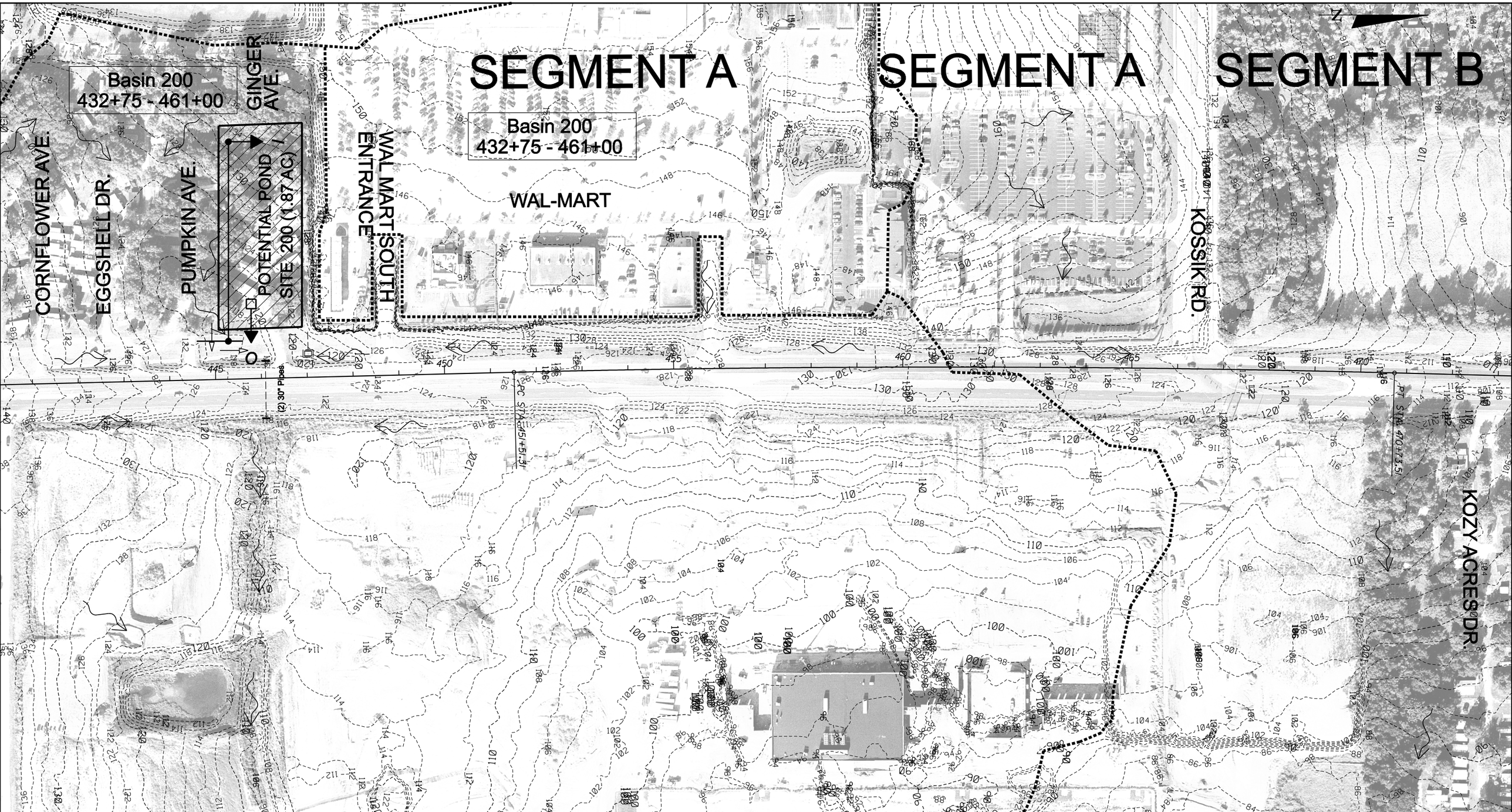
LEGEND:

- I — INFLOW TO POND
- O — OUTFLOW FROM POND
- ----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)
- DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 3



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

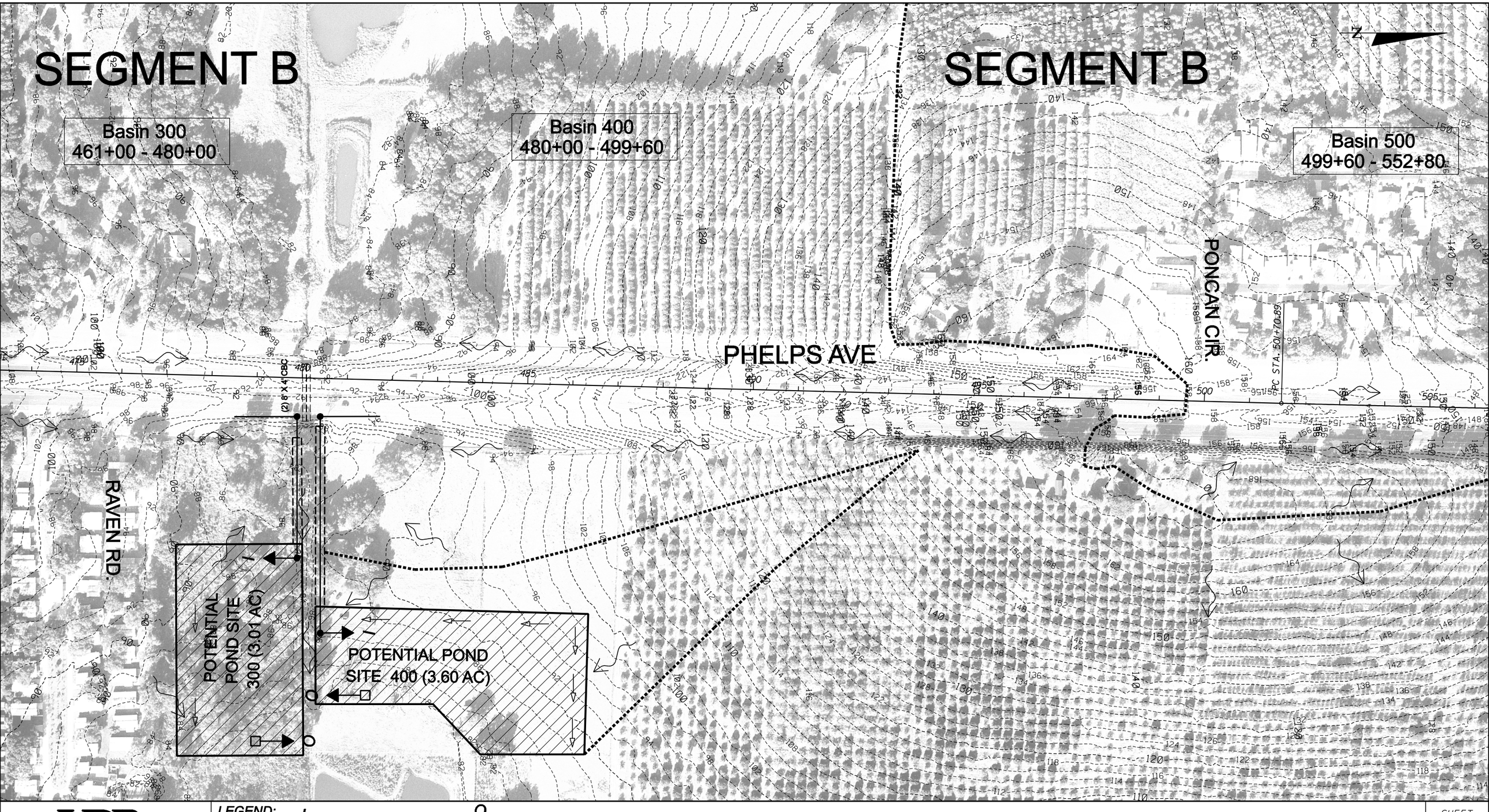
----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 4



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

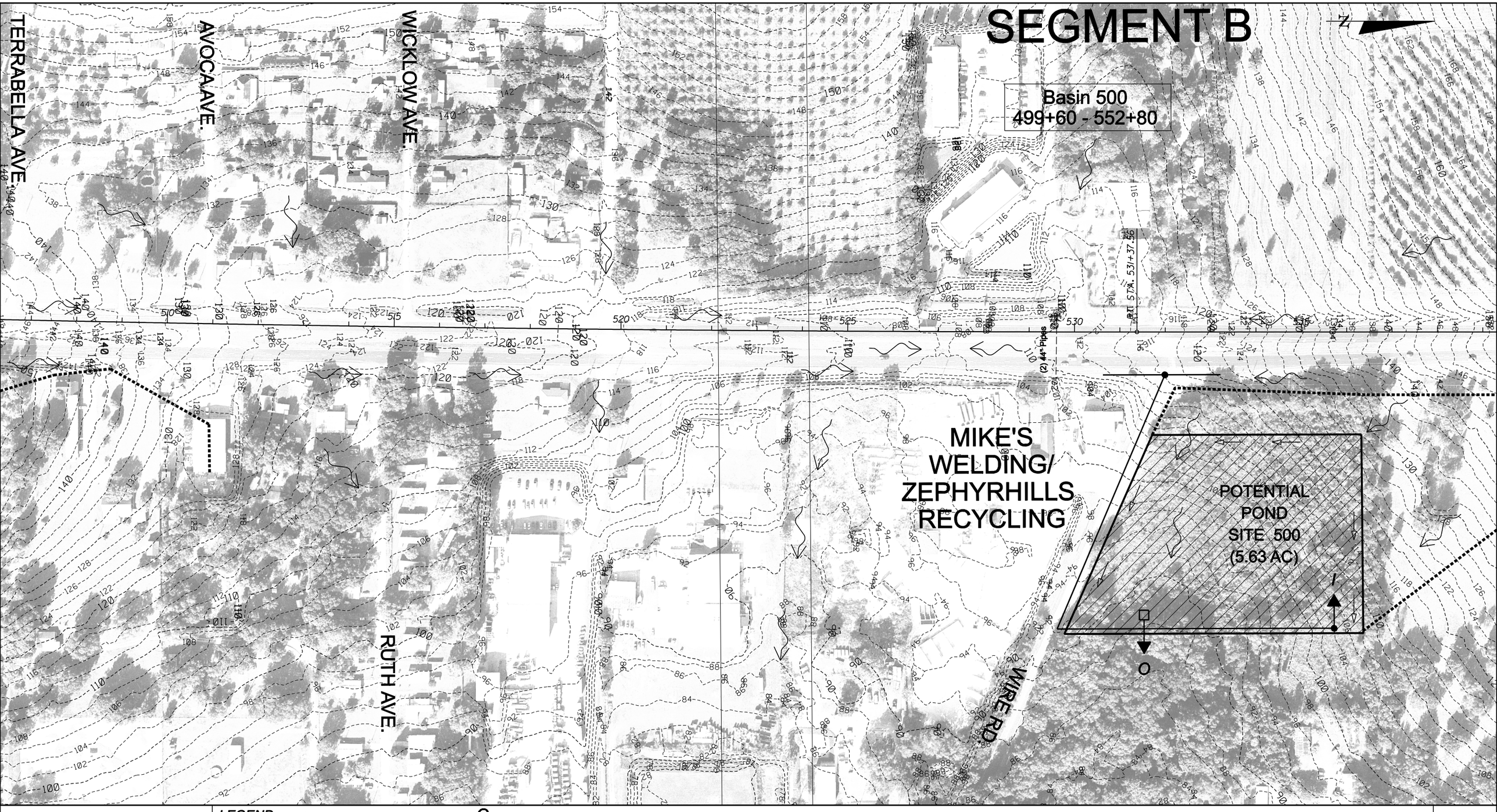
DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
5

SEGMENT B



HDR Engineering, Inc.

LEGEND:

- I — INFLOW TO POND
- O — OUTFLOW FROM POND
- ----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)
- DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 6

HDR

HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

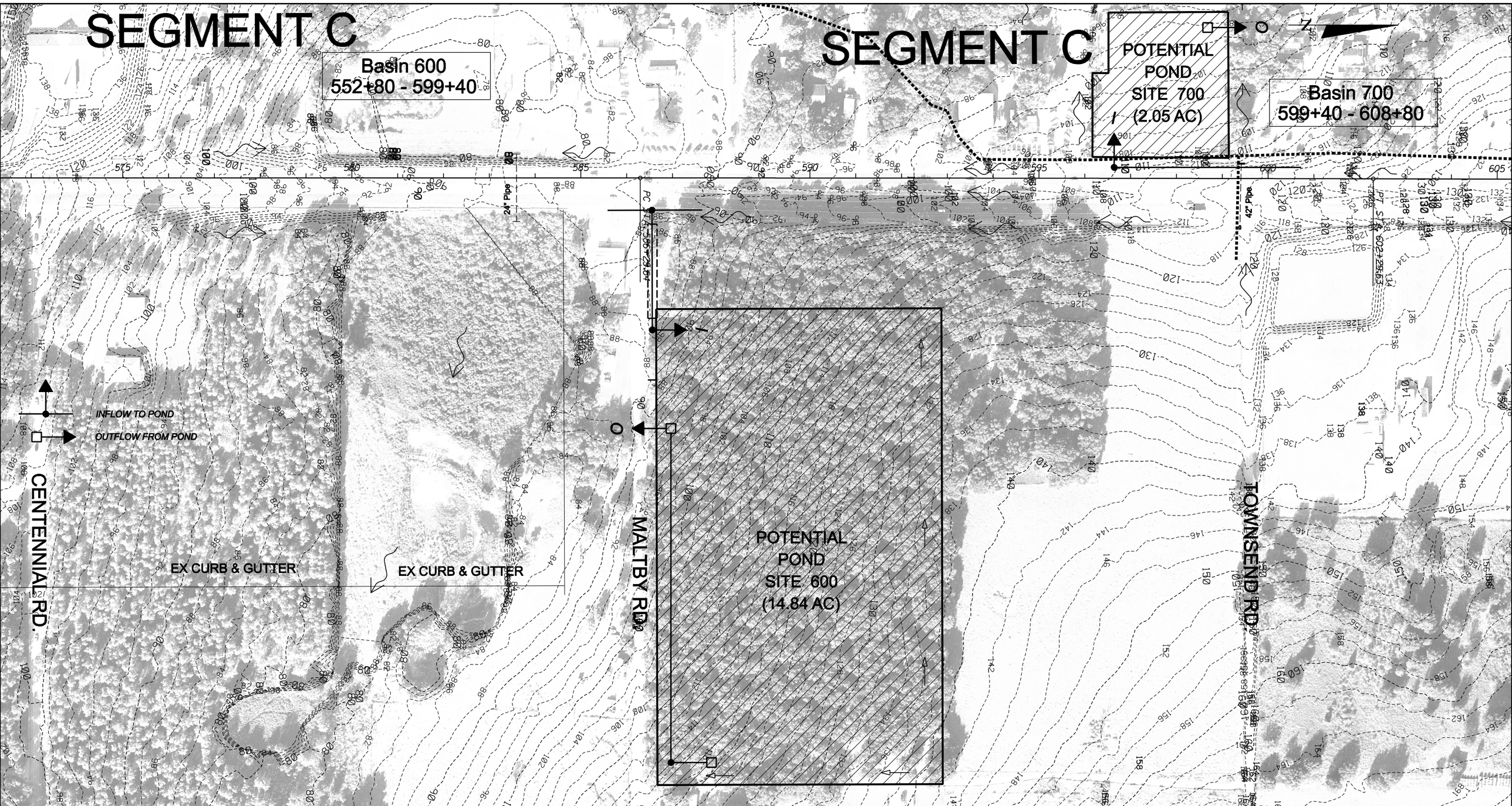
----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
7



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
8

SEGMENT B

Basin 800
608+80 - 661+10

POTENTIAL POND
SITE 800
(5.58 AC)

O

I

MUSSELMAN RD.

36" Pipe

HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
9

SEGMENT C

Basin 800
608+80 - 661+10

Basin 1000
661+10 - 704+80

CHAPEL HILL
GARDEN
CEMETERY

CLINTON AVE. (CR 25A)

US 98/ SR 35/ SR 700

FRONTA

N

HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

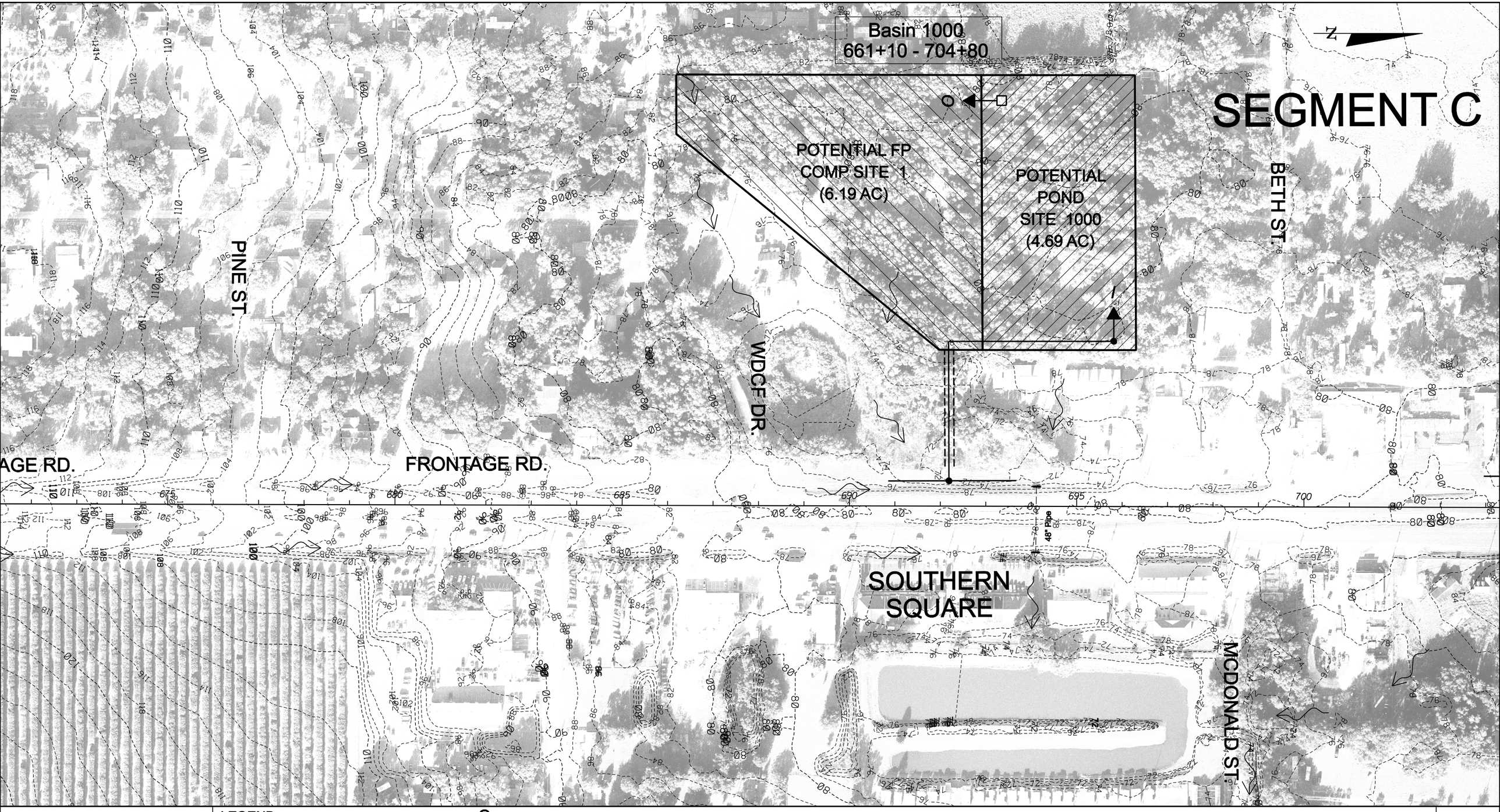
----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO.
10



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

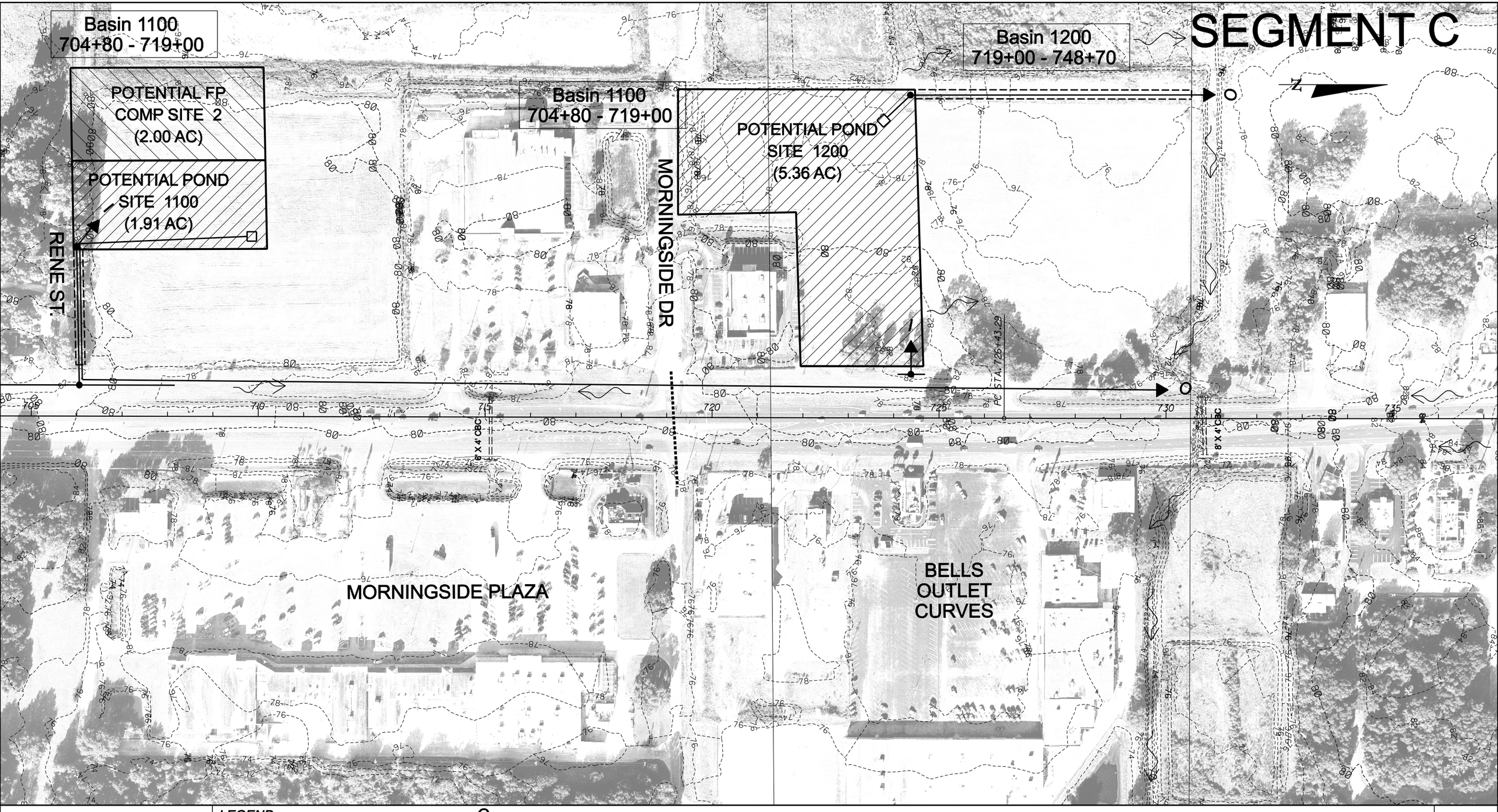
----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 11



HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

----88.0---- TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO
COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

SHEET NO. 12

SEGMENT D

SEGMENT D

HEATHER PLACE

Basin 1300
748+70 - 757+00

FLORIDA MEDICAL CLINIC

POTENTIAL POND SITE 1300 (0.88 AC)

I

O

PT STA 743+43.28

STA 752+70.00

Storm Sewer

US 98 BYPASS
US 301/US 98/ SR 533

COUNTRYSIDE PLACE

WILLINGHAM AVE.

LAKE DR.

SHADOW DR.

SUNSET AVE.

DIXIE AVE.

N

740 745 750 755

HDR

HDR Engineering, Inc.

LEGEND:

I — INFLOW TO POND

O — OUTFLOW FROM POND

88.0 — TOPOGRAPHICAL CONTOURS (NAVD 1988)

DIRECT FLOW AROUND PONDS

AERIAL IMAGERY DATED SEPTEMBER 26, 2008
CONTOURS DERIVED FROM FY2004 PASCO COUNTY LIDAR OBTAINED FROM SWFWMD

0 50 200
Feet

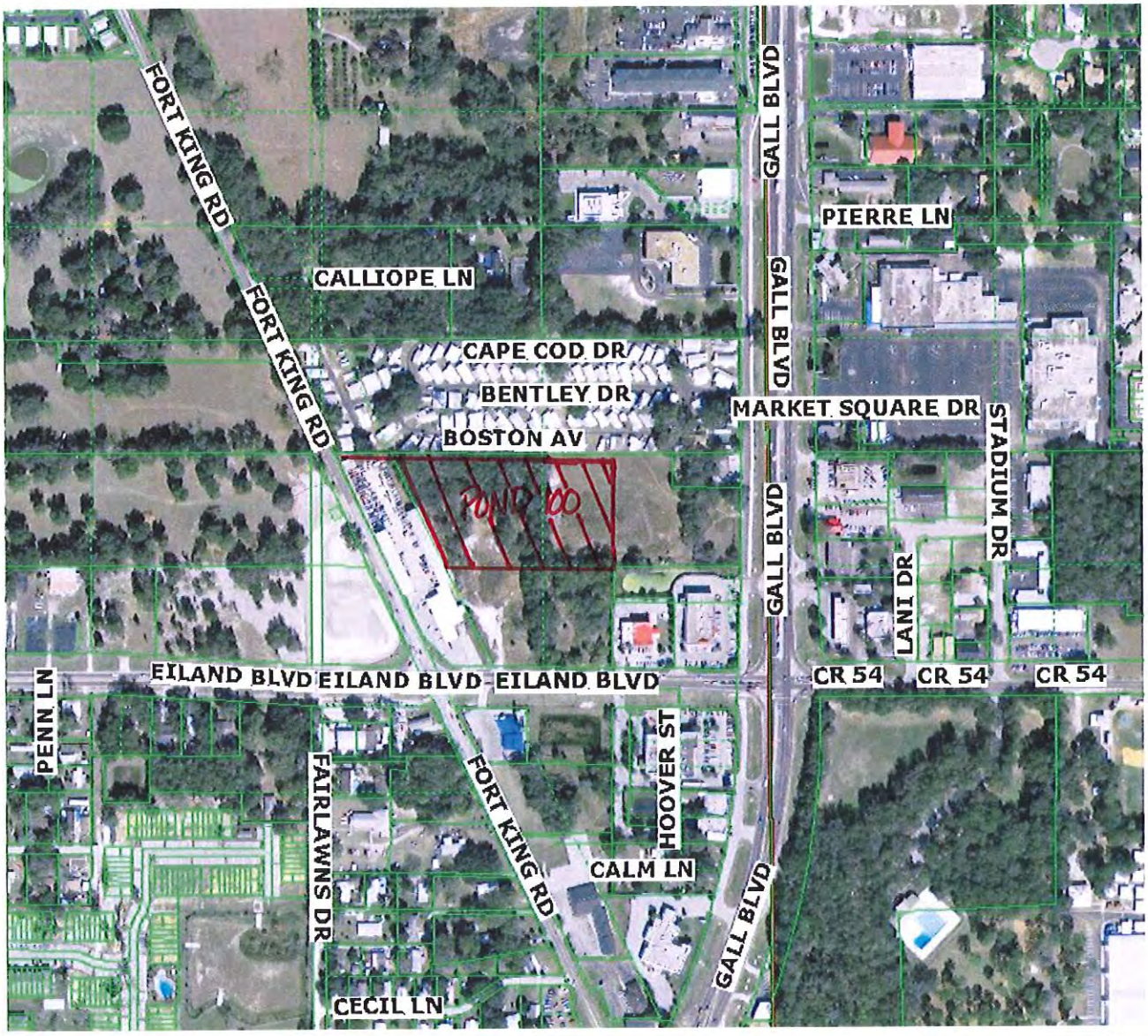
SHEET NO.
13

APPENDIX J

TAX MAPS WITH PONDS

Pasco County, Florida
1.4 miles NNW of Zephyrhills
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:00:55 PM.



POND 100

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-26-21-0010-05000-0000 (Card: 001 of 001)
Classification	10 - Vacant Commercial

Mailing Address
ISLAND 301 LLC
26230 WESLEY CHAPEL BLVD
LUTZ, FL 335597206

Physical Address - See All 2 addresses (First Shown)
37827 EILAND BLVD
ZEPHYRHILLS, FL 33542-1857

Legal Description (First 4 Lines)
ZEPHYRHILLS COLONY COMPANY
LANDS PB 1 PG 55 THAT PART OF
TRACTS 50 & 63 LYING EAST OF
SAL RR R/W LESS RD R/W FOR

Property Value

Ag Land	$0
Land	$1,016,723
Building	$0
Extra Features	$5,201
Market Value	**$1,021,924**
Assessed (Save Our Homes)	$0
Taxable Value	**$1,021,924**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	1000	COMMERCIAL	00C2	5.00	AC	$157,500.00	0.85	$669,375
2	1000	COMMERCIAL	00C2	4.41	AC	$157,500.00	0.50	$347,288
3	1000	COMMERCIAL	00C2	0.50	AC	$120.00	1.00	$60

Additional Land Information **Show Mineral Rights - 1**

Acres	9.91	**Tax Area**	30ZH	**FEMA Code**	X	**Commerical Code**	SITE2A0

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
1	PAV CON	1984	4,000	$1,500
2	CLFENCE	1960	10,500	$3,701

Sales History

Previous Owner		PRIORITY DEVELOPERS INC		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2006	08	7274 / 0563	WD	$0
2006	05	7008 / 0832	WD	$540,000
2004	03	5796 / 0809	WD	$450,000

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 100

Pasco County, Florida
2.4 miles of Zephyrhills
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:32:19 PM.

POND 200

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2 | 3
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	34-25-21-0010-04900-0000 (Card: 001 of 003)
Classification	28 - Rental MH/RV Park

Mailing Address
ROBIN CHRISTIAN
37512 SKY RIDGE CIR
DADE CITY, FL 335250837

Physical Address - See All 28 addresses (First Shown)
7600 BRIGHTSIDE DR
ZEPHYRHILLS, FL 33541-7600

Legal Description (First 4 Lines)
ZEPHYRHILLS COLONY COMPANY
LANDS PB 1 PG 55 THAT PART OF
TRACT 49 LYING WEST OF R/W OF
US HWY 301

Property Value

Ag Land	$0
Land	$299,508
Building	$25,073
Extra Features	$390
Market Value	**$324,971**
Assessed (Save Our Homes)	$0
Taxable Value	**$324,971**

Land Detail (Card: 001 of 003)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	0210	TRLR PARK	0RMH	22.00	UT	$13,614.00	1.00	$299,508

Additional Land Information

Acres	3.23	**Tax Area**	3200	**FEMA Code**	X	**Residential Code**	RMHPCL2	**Commerical Code**	RMHPCL2

Building Information - **Use** 77 - Clubs, Lodges, Halls (Card: 001 of 003)

Year Built	1976	**Stories**	1.0
Exterior Wall 1	Concrete or Cinder Block	**Exterior Wall 2**	None
Roof Structure	Gable or Hip	**Roof Cover**	Asphalt or Composition Shingle
Interior Wall 1	Plywood Panel	**Interior Wall 2**	None
Flooring 1	Carpet	**Flooring 2**	None
Fuel	Electric	**Heat**	Forced Air - Ducted
A/C	Central	**Baths**	1.0

Line	Description	Sq. Feet	Repl. Cost New
1	BAS	1,120	$62,294
2	FCP	360	$6,007
3	FST	120	$3,337

Extra Features (Card: 001 of 003)

Line	Description	Year	Units	Value
1	SHUFFLE	1986	480	$390

Sales History

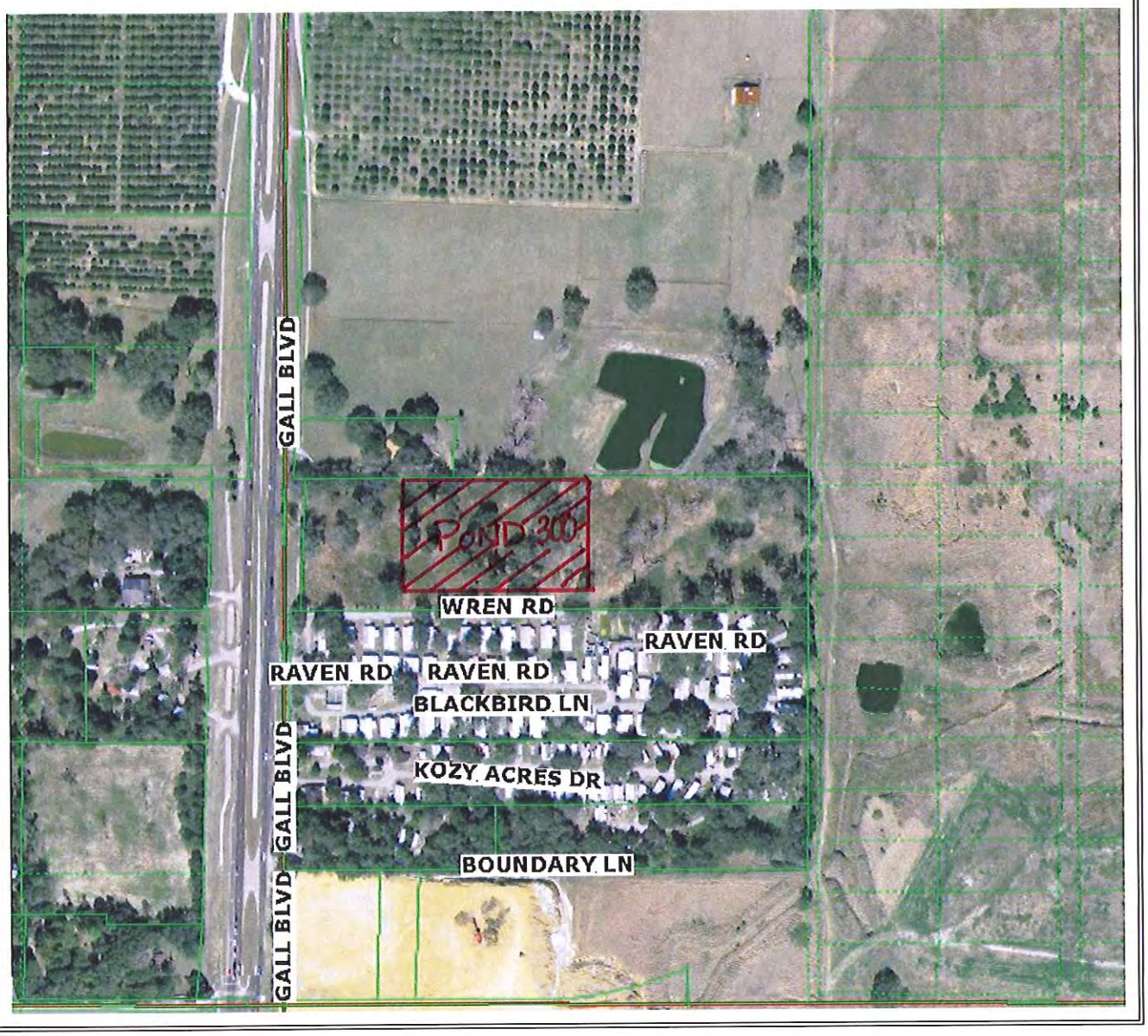
Previous Owner		AGCR FAMILY LIMITED		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2008	08	7902 / 0485	WD	$0
1993	09	3205 / 1855	WD	$0
1988	09	1743 / 0377	WD	$250,000

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2 | 3
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 200

Pasco County, Florida
2.6 miles W of Richland
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:36:21 PM.



POND 300

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	26-25-21-0000-00800-0000 (Card: 001 of 001)
Classification	00 - Vacant Residential

Mailing Address
K HOVNANIAN WINDWARD HOMES LLC
5402 BEAUMONT CENTER BLVD
STE 108
TAMPA, FL 336345202

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
PORTION OF SW1/4 OF SEC 26
DESC AS COM AT SW COR OF SEC
TH ALG WEST LINE OF SEC N00DEG
13' 58"E 991.38 FT TH S89DEG

Property Value

Ag Land	$0
Land	$146,520
Building	$0
Extra Features	$0
Market Value	**$146,520**
Assessed (Save Our Homes)	$0
Taxable Value	**$146,520**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	0110	SFR RURAL	MPUD	5.00	AC	$16,772.00	1.00	$83,860
2	0110	SFR RURAL	MPUD	4.67	AC	$16,772.00	0.80	$62,660

Additional Land Information

Acres	9.50	**Tax Area**	30ZH	**FEMA Code**	X	**Residential Code**	2ZHN.S3

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

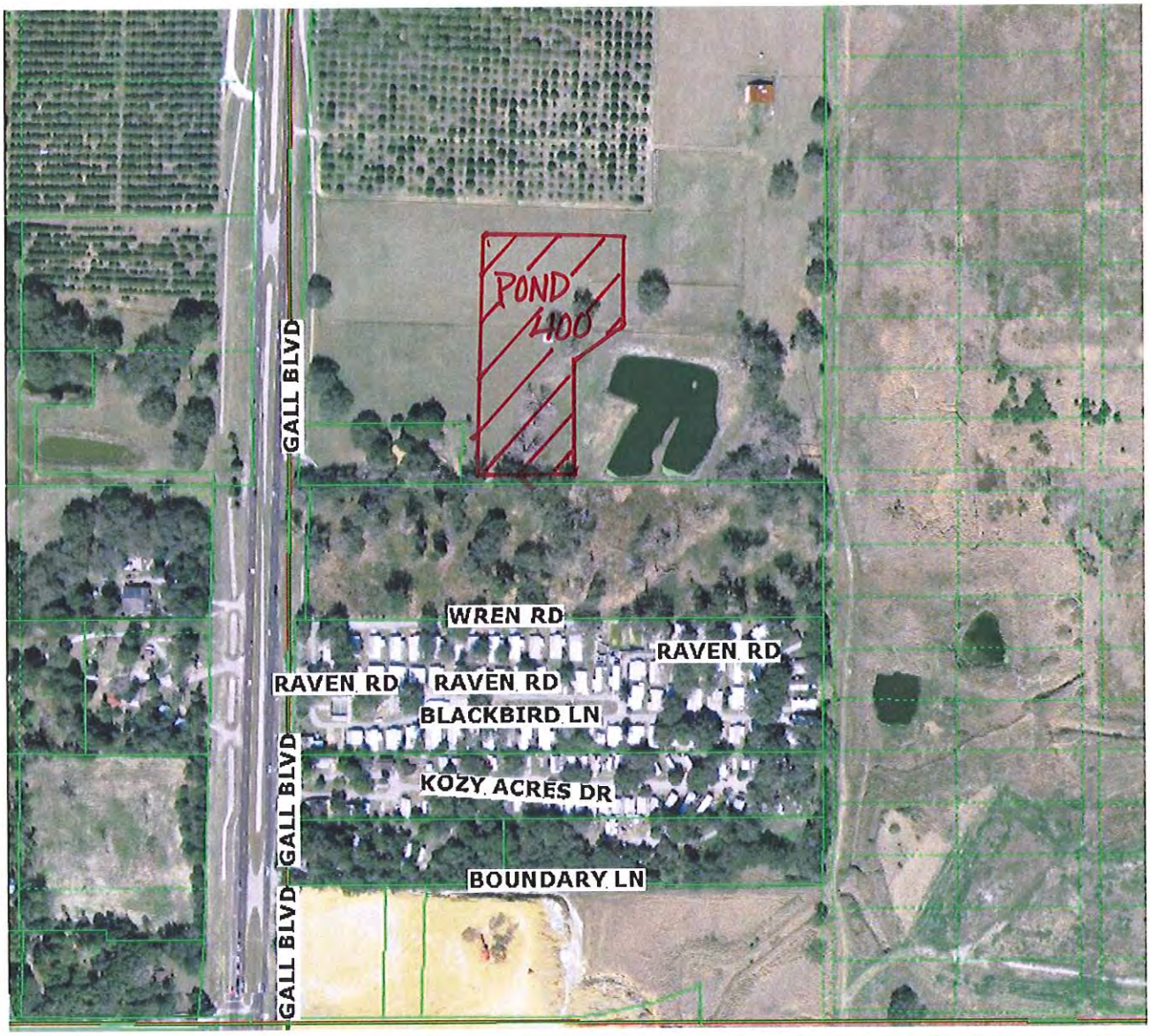
Previous Owner		ZEPHYR LAKES LLC		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2006	06	7040 / 1082	WD	$164,400
2006	05	7026 / 0555	WD	$0
1977	10	0913 / 1325		$38,400

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 300

Pasco County, Florida
2.6 miles W of Richland
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:36:21 PM.



POND 400

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	26-25-21-0000-00100-0000 (Card: 001 of 002)
Classification	60 - Grazing Land Class I

Mailing Address
WHEELER LUCILLE
1874 SW MOSELEY HALL RD
MADISON, FL 323404628

Physical Address - See All 6 addresses (First Shown)
8330 GALL BLVD
ZEPHYRHILLS, FL 33541-7559

Legal Description (First 4 Lines)
SW 1/4 OF NW 1/4 LESS NW 1/4
THEREOF & EXC RD AND NW 1/4 OF
SW 1/4 EXC RD & EXC S 150 FT
OF W 400 FT E OF RD

Property Value

Ag Land	$103,050
Land	$914,810
Building	$41,407
Extra Features	$2,146
Market Value	**$146,603**
Assessed (Save Our Homes)	$0
Taxable Value	**$146,603**

Warning: A significant taxable value increase may occur when sold. Click here for details and info. regarding the posting of exemptions.

Land Detail (Card: 001 of 002)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	5001	AG HXSITE	00AR	1.00	AC	$14,690.00	2.22	$32,612
2	5500	TIMBER 2	00AR	2.00	AC	$40.00	1.00	$80
3	6000	GRAZING 1	00AR	34.00	AC	$325.00	1.00	$11,050
4	6603	CIT.SER.AR	00AR	1.00	AC	$1,000.00	1.00	$1,000
5	6601	CIT.GRV.LD	00AR	20.00	AC	$1,000.00	1.00	$20,000
6	6610	ORANGE GRV	00AR	20.00	AC	$2,675.00	0.60	$32,100

Additional Land Information

Acres	65.76	**Tax Area**	3600	**FEMA Code**	X	**Residential Code**	3NEZ.A1

Building Information - **Use** 01 - Single Family Residential (Card: 001 of 002)

Year Built	1948	**Stories**	1.0
Exterior Wall 1	Concrete or Cinder Block	**Exterior Wall 2**	None
Roof Structure	Gable or Hip	**Roof Cover**	Asphalt or Composition Shingle
Interior Wall 1	Plastered	**Interior Wall 2**	None
Flooring 1	Hardwood	**Flooring 2**	Parquet
Fuel	Electric	**Heat**	Forced Air - Ducted
A/C	Central	**Baths**	1.0

Line	Description	Sq. Feet	Repl. Cost New
1	BAS	1,855	$104,529
2	FOP	20	$282
3	FSP	270	$5,353
4	UDU	104	$1,747

Extra Features (Card: 001 of 002)

Line	Description	Year	Units	Value
1	FIRE PL	1948	1	$450
2	BARN	1960	3,528	$1,588

POND 400

3	SHED	1960	360	$108

Sales History				
Previous Owner		N/A		
Year	Month	Book/Page	Type	Amount
1998	09	4008 / 1071	WD	$0
1965	11	0313 / 0497	WD	$0
1965	06	0295 / 0698	WD	$0

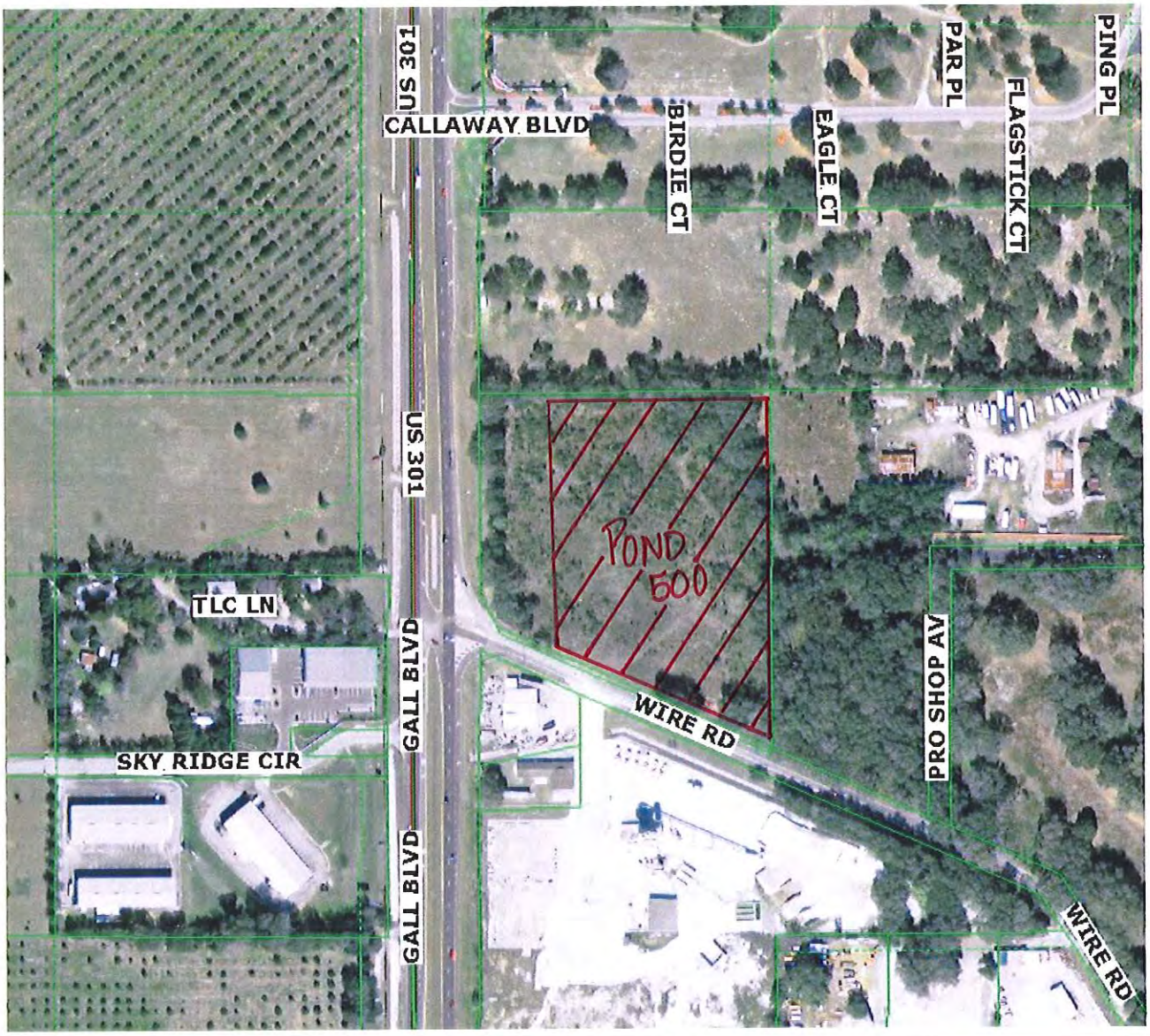
Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes

Other Parcel Cards: 1 | 2

Other Agency Data: Tax Collector School Board Supervisor of Elections

Pasco County, Florida
2.8 miles WNW of Richland
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:41:47 PM.



POND 500

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	23-25-21-0000-00800-0000 (Card: 001 of 001)
Classification	40 - Vacant Industrial

Mailing Address
RINKER MATERIALS OF FLORIDA
INC
1501 BELVEDERE RD
WEST PALM BEACH, FL 334061501

Physical Address
9212 WIRE RD
ZEPHYRHILLS, FL 33540

Legal Description (First 4 Lines)
S1/2 OF SW1/4 OF NW1/4 OF SW
1/4 & ALL THAT PART OF N1/2 OF
OF NW1/4 OF SW1/4 OF SW1/4
LYING NORTH OF OLD WIRE ROAD

Property Value

Ag Land	$0
Land	$507,478
Building	$0
Extra Features	$0
Market Value	**$507,478**
Assessed (Save Our Homes)	$0
Taxable Value	**$507,478**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	4000	VAC INDUST	00I2	11,000.00	SF	$7.20	1.00	$79,200
2	4000	VAC INDUST	00I2	39,000.00	SF	$2.70	1.00	$105,300
3	4000	VAC INDUST	00I2	238,115.00	SF	$2.25	0.60	$321,455
4	4000	VAC INDUST	00I2	1.00	UT	$1,523.00	1.00	$1,523

Additional Land Information

Acres	6.61	**Tax Area**	3600	**FEMA Code**	X	**Residential Code**	BBS12	**Commerical Code**	CMAJ7EH

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

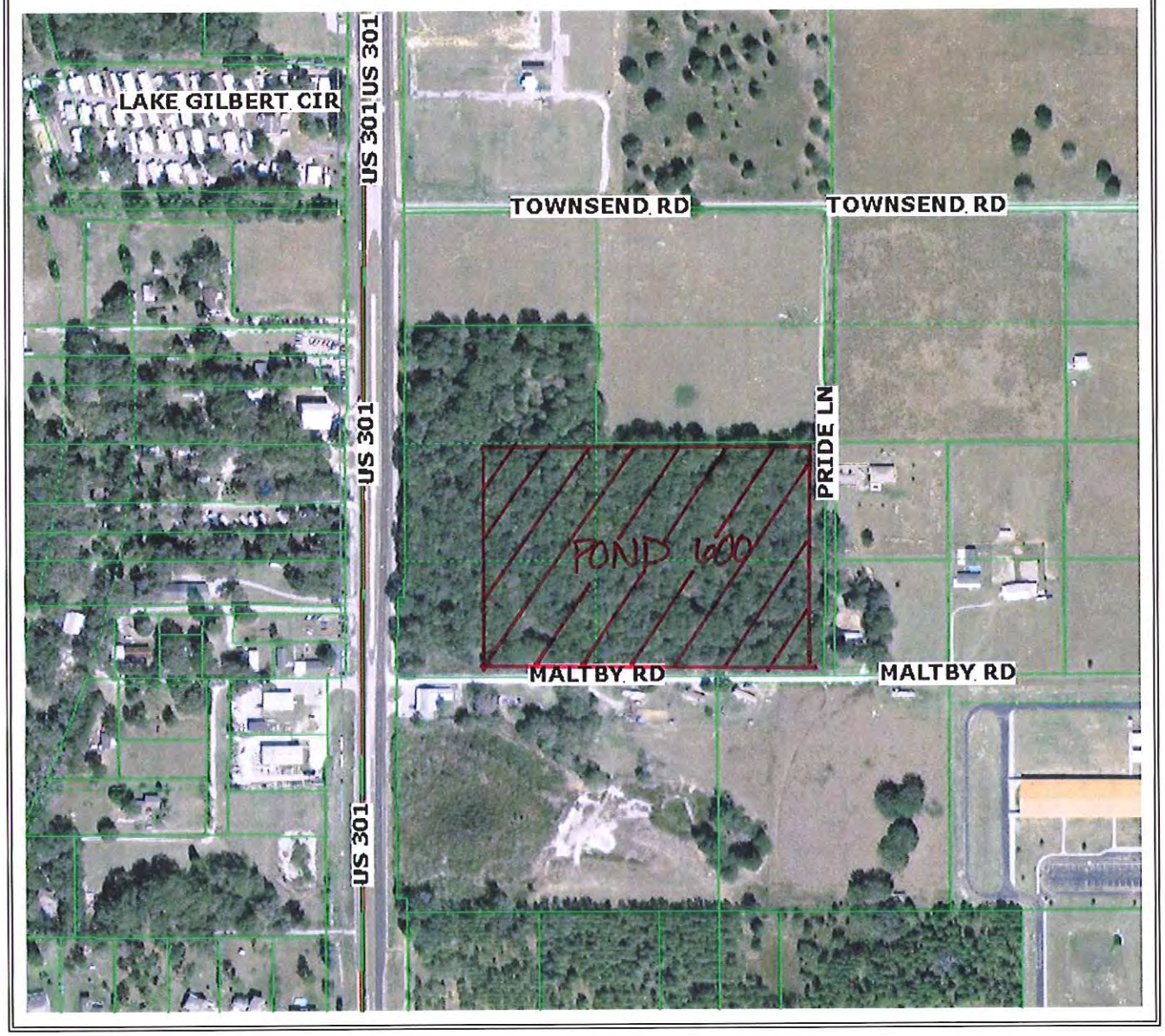
Previous Owner		K & M PROPERTIES OF		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2004	04	5832 / 0391	WD	$654,400
2001	12	4803 / 0630	WD	$500,000
1999	11	4266 / 1428	WD	$0

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 500

Pasco County, Florida
3.2 miles NW of Richland
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:44:49 PM.



POND 600

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	14-25-21-0010-07300-0000 (Card: 001 of 001)
Classification	99 - Non-AG (Over 20 Acres)

Mailing Address
BISTON CLYDE A
PO BOX 1299
CRYSTAL SPRINGS, FL 335241299

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
ZH COL SUB B 1 P 55 B 2 P 1 &
6 TRS 73 87-90 EXC RD
OR 7908 PG 1248

Property Value

Ag Land	$0
Land	$624,960
Building	$0
Extra Features	$0
Market Value	**$624,960**
Assessed (Save Our Homes)	$0
Taxable Value	**$624,960**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	9900	NON AG	MPUD	5.00	AC	$33,600.00	1.00	$168,000
2	9900	NON AG	MPUD	10.00	AC	$33,600.00	0.80	$268,800
3	9900	NON AG	MPUD	8.00	AC	$33,600.00	0.70	$188,160

Additional Land Information

Acres	23.00	Tax Area	13MF	FEMA Code	X	Residential Code	2CFKPP1

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

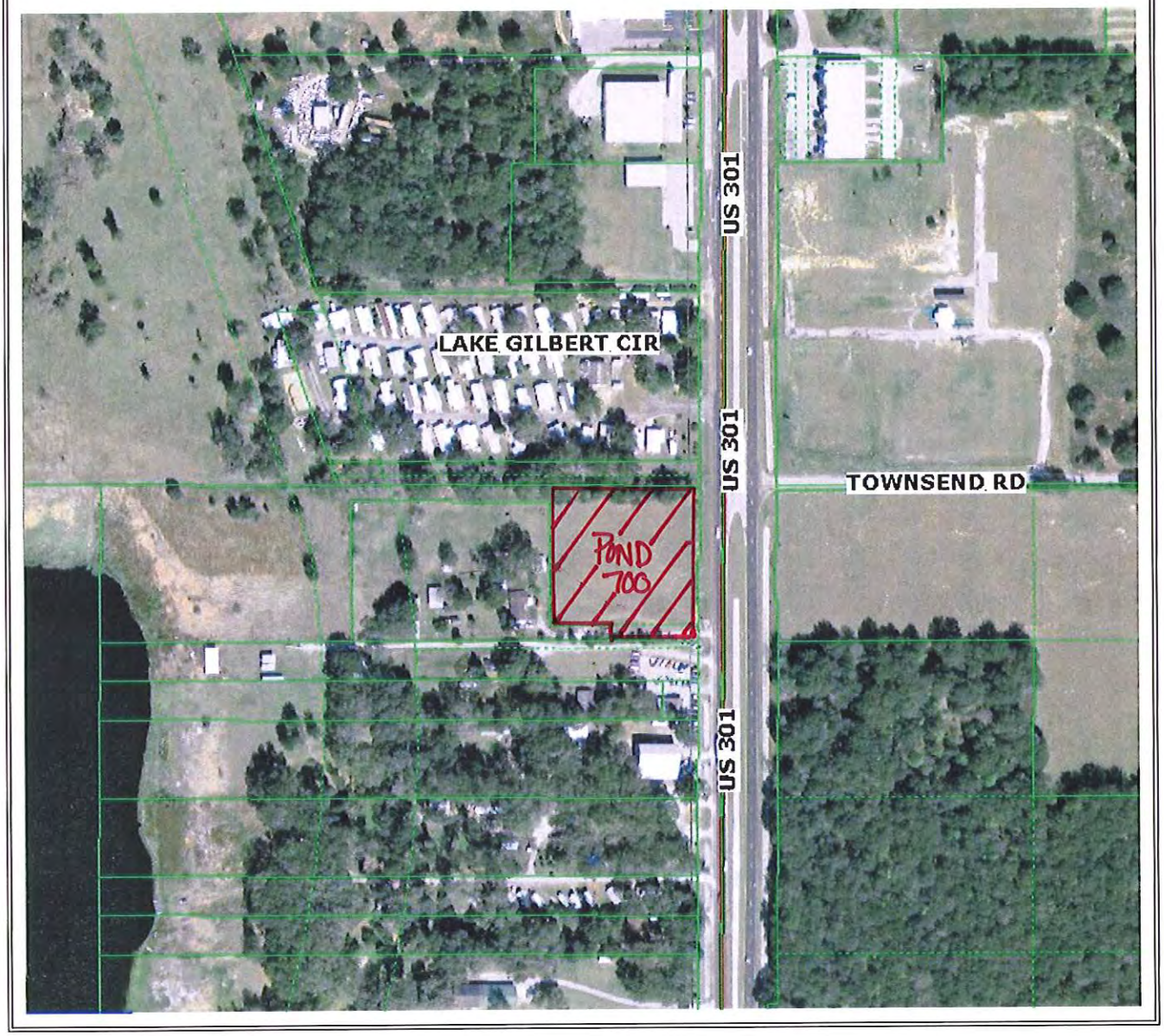
Previous Owner		FLORIDA CAPITAL BANK N A		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2008	08	7908 / 1248	WD	$735,000
2008	05	7844 / 0276	CT	$0
2005	11	6727 / 1873	WD	$1,000,000

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 600

Pasco County, Florida
3.4 miles NW of Richland
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:48:53 PM.



POND 700

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	15-25-21-0000-02200-0000 (Card: 001 of 002)
Classification	10 - Vacant Commercial

Mailing Address
BODRIE MICHAEL L
10411 US HIGHWAY 301
DADE CITY, FL 335251841

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
NORTH1/4 OF NE1/4 OF SE1/4 OF SEC 15 INCLUDING THAT PORTION OF VACATED RR THEREIN; EXC R/W FOR U S HWY 301 & EXC WEST

Property Value

Ag Land	$0
Land	$160,361
Building	$0
Extra Features	$400
Market Value	**$160,761**
Assessed (Save Our Homes)	$0
Taxable Value	**$160,761**

Land Detail (Card: 001 of 002)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	1000	COMMERCIAL	00AR	12,000.00	SF	$3.45	0.80	$33,120
2	1000	COMMERCIAL	00AR	38,000.00	SF	$1.38	0.80	$41,952
3	1000	COMMERCIAL	00AR	50,000.00	SF	$0.85	0.80	$34,000
4	1000	COMMERCIAL	00AR	8,900.00	SF	$0.65	0.80	$4,628
5	0110	SFR RURAL	00AR	2.00	AC	$40,690.00	0.50	$40,690
6	0110	SFR RURAL	00AR	0.50	AC	$36,990.00	0.30	$5,549

Additional Land Information

Acres	7.01	**Tax Area**	13MF	**FEMA Code**	X	**Residential Code**	1CFK.A1	**Commerical Code**	M301MZN

Building Information (Card: 001 of 002)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 002)

Line	Description	Year	Units	Value
1	UDU-M	2001	1	$240
2	UDC	2001	1	$160

Sales History

Previous Owner		STINSON SANDRA ESTATE OF &		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2007	07	7601 / 0129	WD	$0
2007	07	7601 / 0130	WD	$0
2005	06	6530 / 1338	WD	$0

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 700

Pasco County, Florida
3.2 miles S of Dade City
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 2:51:31 PM.

POND 800

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Parcel Cards: 1 | 2 | 3
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	10-25-21-0000-01400-0000 (Card: 001 of 003)
Classification	60 - Grazing Land Class I

Mailing Address
URBAN DEVELOPMENT L C
PO BOX 215 STN MAIN
NEWMARKET ON CANADA L3Y4X1
CANADA,

Physical Address
11131 US HIGHWAY 301
DADE CITY, FL 33525-1894

Legal Description (First 4 Lines)
COM AT SE CORNER OF SEC TH S89DEG 48'54"W 51.00 FT TO A POINT ON WLY R/W OF US 301 FOR POB TH N00DEG 04'44"E 1220.26

Property Value

Ag Land	$545,056
Land	$942,745
Building	$12,040
Extra Features	$5,519
Market Value	**$562,615**
Assessed (Save Our Homes)	$0
Taxable Value	**$562,615**

Warning: A significant taxable value increase may occur when sold. Click here for details and info. regarding the posting of exemptions.

Land Detail (Card: 001 of 003)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	6000	GRAZING 1	0RMH	28.87	AC	$325.00	1.00	$9,383
2	5500	TIMBER 2	0RMH	4.27	AC	$40.00	1.00	$171
3	1000	COMMERCIAL	00C2	12,000.00	SF	$3.45	1.00	$41,400
4	1000	COMMERCIAL	00C2	38,000.00	SF	$1.38	1.00	$52,440
5	1000	COMMERCIAL	00C2	50,000.00	SF	$0.85	1.00	$42,500
6	1000	COMMERCIAL	00C2	109,959.00	SF	$0.65	1.00	$71,473

Additional Land Information

Acres	72.96	**Tax Area**	13MF	**FEMA Code**	X	**Residential Code**	3NFK.A2	**Commerical Code**	M301MAN

Building Information - **Use** 01 - Single Family Residential (Card: 001 of 003)

Year Built	1926	**Stories**	1.0
Exterior Wall 1	Concrete Block Stucco	**Exterior Wall 2**	None
Roof Structure	Gable or Hip	**Roof Cover**	Asphalt or Composition Shingle
Interior Wall 1	Plastered	**Interior Wall 2**	None
Flooring 1	Pine or Soft Wood	**Flooring 2**	None
Fuel	None	**Heat**	None
A/C	Window Unit	**Baths**	1.0

Line	Description	Sq. Feet	Repl. Cost New
1	BAS	1,172	$44,477
2	USP	279	$3,188
3	UST	32	$493

Extra Features (Card: 001 of 003)

Line	Description	Year	Units	Value
1	SHED	1926	2	$180
2	UDU-M	1989	2	$700
3	OLD HS	1993	1	$2,432
4	FIRE PL	1926	1	$150

POND 800

5	UDU-M	1995	1	$790
6	BARN	2001	720	$1,267

Sales History				
Previous Owner		ORSI ANGELA & ORSI ANTONIO &		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2001	11	5016 / 1160	QC	$0
1995	06	5011 / 1584	QC	$0
1986	12	1567 / 1885	QC	$0

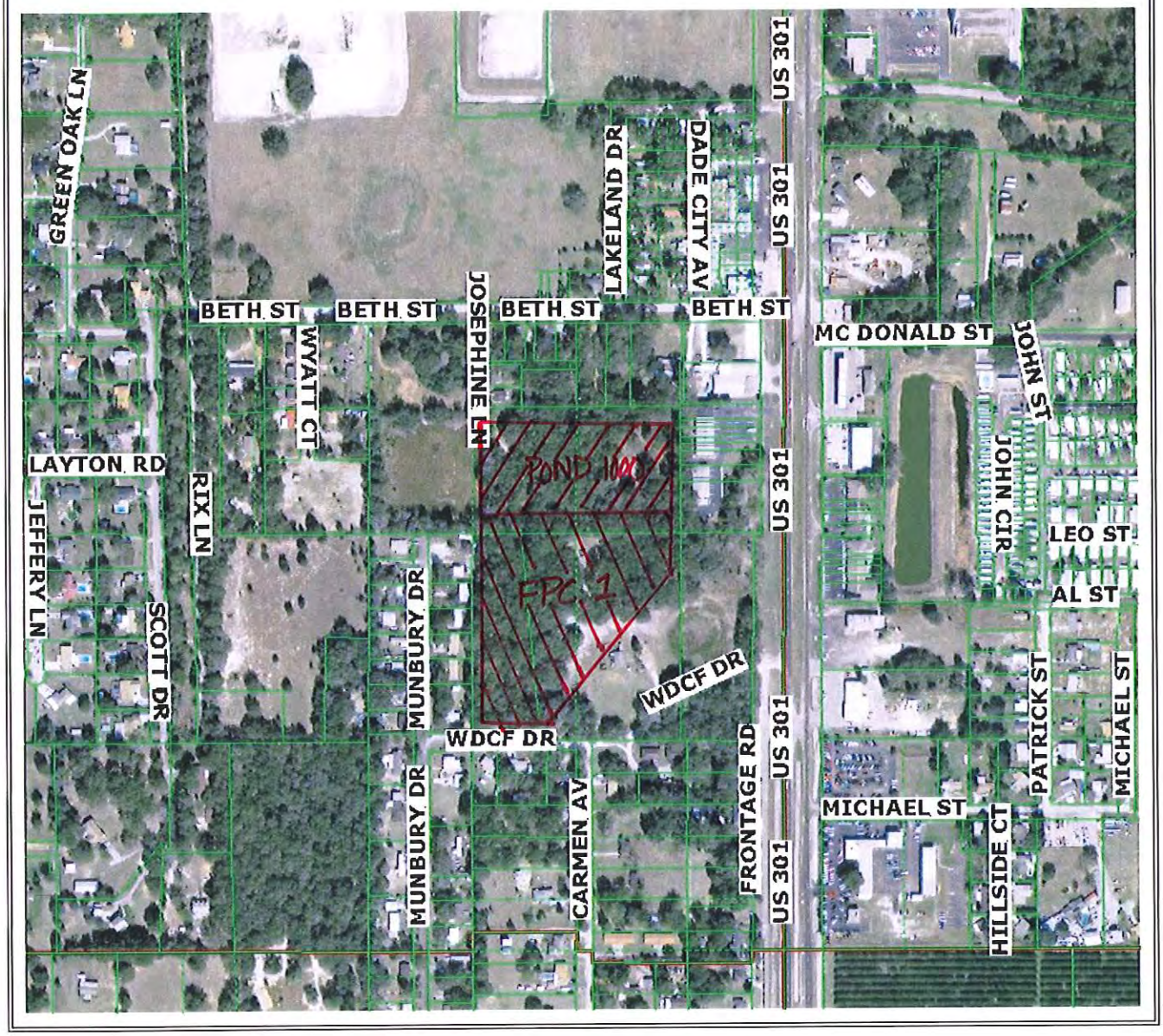
Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes

Other Parcel Cards: 1 | 2 | 3

Other Agency Data: Tax Collector School Board Supervisor of Elections

Pasco County, Florida
2.0 miles S of Dade City
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 3:01:03 PM.



POND 1000 & FPC 1

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-25-21-0040-01600-0050 (Card: 001 of 001)
Classification	00 - Vacant Residential

Mailing Address
KIGHT W C JR EST OF &
OWENS MARY E & KIGHT J W &
KIGHT R D
9725 YAWN RD
DADE CITY, FL 335251648

Physical Address - See All 4 addresses (First Shown)
37734 BETH ST
DADE CITY, FL 33525-5706

Legal Description (First 4 Lines)
W S GILLAMS PB 1 PG 57 AKA
PASADENA ALL OF LOT 5 & LOT
6 LESS NORTH 264.00 FT THEREOF
& LOT 7 LESS NORTH 264.00 FT

Property Value

Ag Land	$0
Land	$100,277
Building	$0
Extra Features	$0
Market Value	**$100,277**
Assessed (Save Our Homes)	$0
Taxable Value	**$100,277**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	0100	SFR	R1MH	5.00	AC	$18,356.00	1.00	$91,780
2	0100	SFR	R1MH	0.50	AC	$18,356.00	0.80	$7,342
3	0100	SFR	R1MH	5.50	AC	$210.00	1.00	$1,155

Additional Land Information

Acres	11.00	**Tax Area**	10FD	**FEMA Code**	X	**Residential Code**	2NFK.U1

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

Previous Owner		KIGHT W C SR EST OF		
Year	**Month**	**Book/Page**	**Type**	**Amount**
1989	01	1775 / 0019	WD	$0
1988	04	1701 / 1214	WD	$0
1949	10	0149 / 0498	WD	$0

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 1000

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-25-21-0040-01100-0021 (Card: 001 of 001)
Classification	10 - Vacant Commercial

Mailing Address
WAGENVOORD ADVERTISING GROUP INC
2360 NE COACHMAN RD
CLEARWATER, FL 337652216

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
W S GILLIAMS SUB PB 1 PG 57
AKA PASADENA SUB PORTION OF
LOT 2 BLOCK 11 DESC AS COM NW
COR LOT 2 BLOCK 11 FOR POB TH

Property Value

Ag Land	$0
Land	$74,504
Building	$0
Extra Features	$0
Market Value	**$74,504**
Assessed (Save Our Homes)	$0
Taxable Value	**$74,504**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	1000	COMMERCIAL	00C2	11,000.00	SF	$1.80	1.00	$19,800
2	1000	COMMERCIAL	00C2	39,000.00	SF	$0.68	1.00	$26,520
3	1000	COMMERCIAL	00C2	74,168.00	SF	$0.38	1.00	$28,184

Additional Land Information

Acres	2.85	**Tax Area**	10FD	**FEMA Code**	--	**Commerical Code**	NDCA2A6

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

Previous Owner		GATOR KRACKERS CORPORATION		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2004	06	5960 / 0439	WD	$75,000
2003	09	5526 / 0303	WD	$50,000
1986	03	1485 / 1082	WD	$35,000

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

FPC Site 1

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-25-21-0040-01100-0020 (Card: 001 of 001)
Classification	12 - Stores, Office, SFR

Mailing Address
WAGENVOORD ADVERTISING
GROUP INC
2360 NE COACHMAN RD
CLEARWATER, FL 337652216

Physical Address
37905 WDCF DR
DADE CITY, FL 33525-5735

Legal Description (First 4 Lines)
W S GILLIAMS SUB PB 1 PG 57
AKA PASADENA SUB LOT 2 LESS
FOLL DESC COM NW COR LOT 2
BLOCK 11 FOR POB TH N89DG 30'

Property Value

Ag Land	$0
Land	$129,357
Building	$38,173
Extra Features	$0
Market Value	**$167,530**
Assessed (Save Our Homes)	$0
Taxable Value	**$167,530**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	1200	STORE COMB	00C2	12,000.00	SF	$9.41	0.20	$22,584
2	1200	STORE COMB	00C2	38,000.00	SF	$4.89	0.20	$37,164
3	1200	STORE COMB	00C2	220,296.00	SF	$1.57	0.20	$69,173
4	1200	STORE COMB	00C2	43,560.00	SF	$0.01	1.00	$436

Additional Land Information

Acres	7.21	Tax Area	10FD	FEMA Code	--	Commerical Code	M3012IL

Building Information - **Use** 12 - Stores / Office SFR (Card: 001 of 001)

Year Built	1953	**Stories**	1.0
Exterior Wall 1	Concrete or Cinder Block	**Exterior Wall 2**	None
Roof Structure	Gable or Hip	**Roof Cover**	Asphalt or Composition Shingle
Interior Wall 1	Masonary or Minimum	**Interior Wall 2**	Plywood Panel
Flooring 1	Asphalt Tile	**Flooring 2**	Carpet
Fuel	Electric	**Heat**	Forced Air - Ducted
A/C	Central	**Baths**	2.0

Line	Description	Sq. Feet	Repl. Cost New
1	BAS	1,472	$60,102
2	CAN	48	$490

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

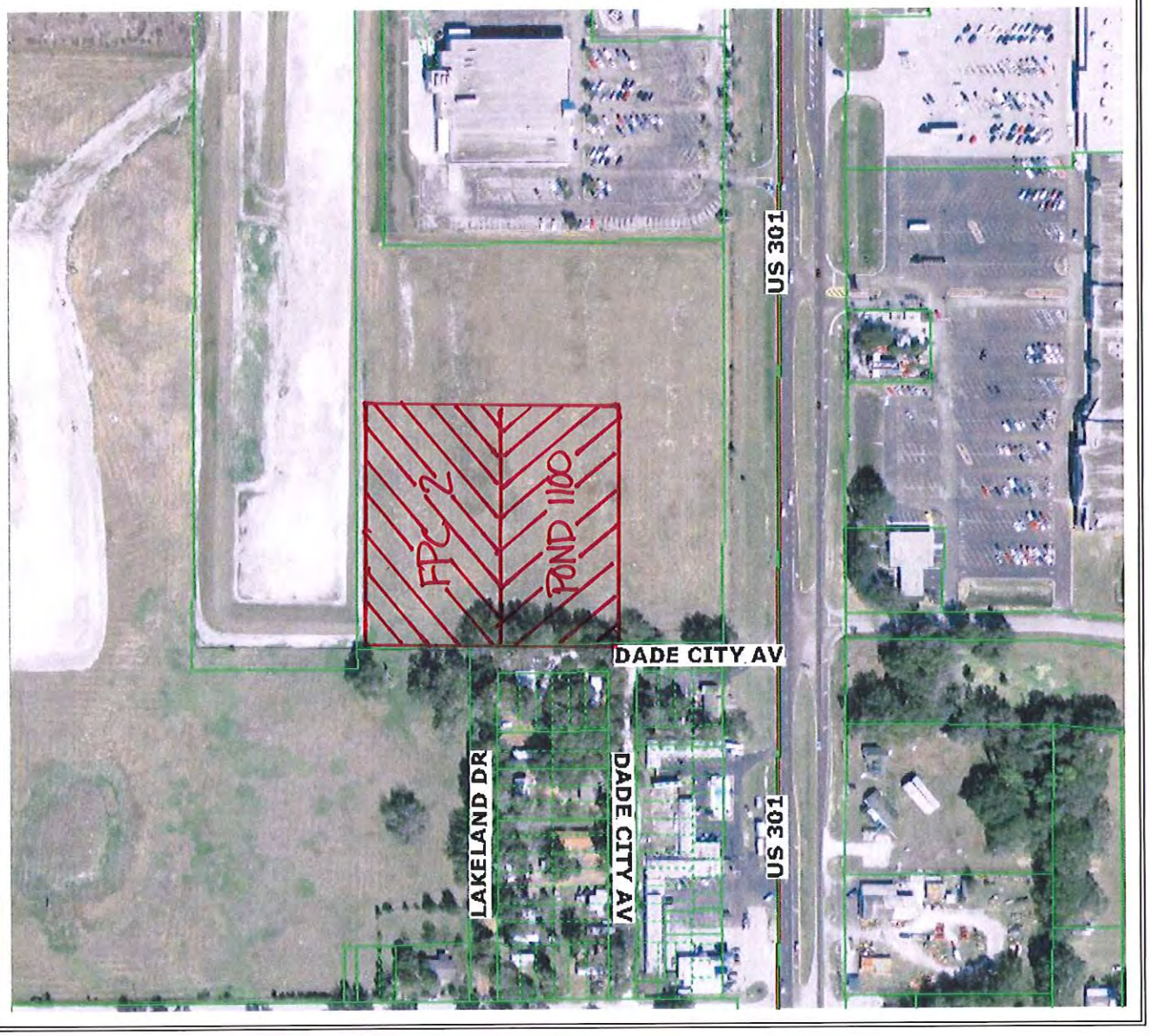
Previous Owner		BREWER BROADCASTING		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2002	04	4914 / 0259	WD	$150,000
1993	04	3147 / 1606	WD	$140,000
1990	10	1961 / 0944	WD	$180,000

Search Again Show Map Generalized Building Schematic Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

FPC Site 1

Pasco County, Florida
1.7 miles S of Dade City
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 3:04:04 PM.



POND 1100 ?
FPC 2

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-25-21-0000-00100-0050 (Card: 001 of 001)
Classification	51 - Cropland Class I

Mailing Address
JARRETT PROPERTIES I LTD
1305 US HIGHWAY 27 N
AVON PARK, FL 338252339

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
COM AT SE COR OF NE1/4 OF SEC
3 TH ALG EAST LINE OF NE1/4 OF
SEC N00DEG 47' 45"W 48.62 FT
TH S89DEG 12' 15"W 100.66 FT

Property Value

Ag Land	$38,878
Land	$1,702,350
Building	$0
Extra Features	$0
Market Value	**$38,878**
Assessed (Save Our Homes)	$0
Taxable Value	**$38,878**

Warning: A significant taxable value increase may occur when sold. Click here for details and info. regarding the posting of exemptions.

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	5101	CROPLAND	0ILW	10.91	AC	$800.00	1.00	$8,728
2	1000	COMMERCIAL	0ILW	0.67	AC	$225,000.00	0.20	$30,150
3	9910	MKT.VAL.AG	0ILW	5.00	AC	$225,000.00	0.90	$1,012,500
4	9910	MKT.VAL.AG	0ILW	5.00	AC	$225,000.00	0.55	$618,750
5	9910	MKT.VAL.AG	0ILW	1.58	AC	$225,000.00	0.20	$71,100

Additional Land Information

Acres	11.58	Tax Area	10DC	FEMA Code	--	Commerical Code	SITE2A1

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

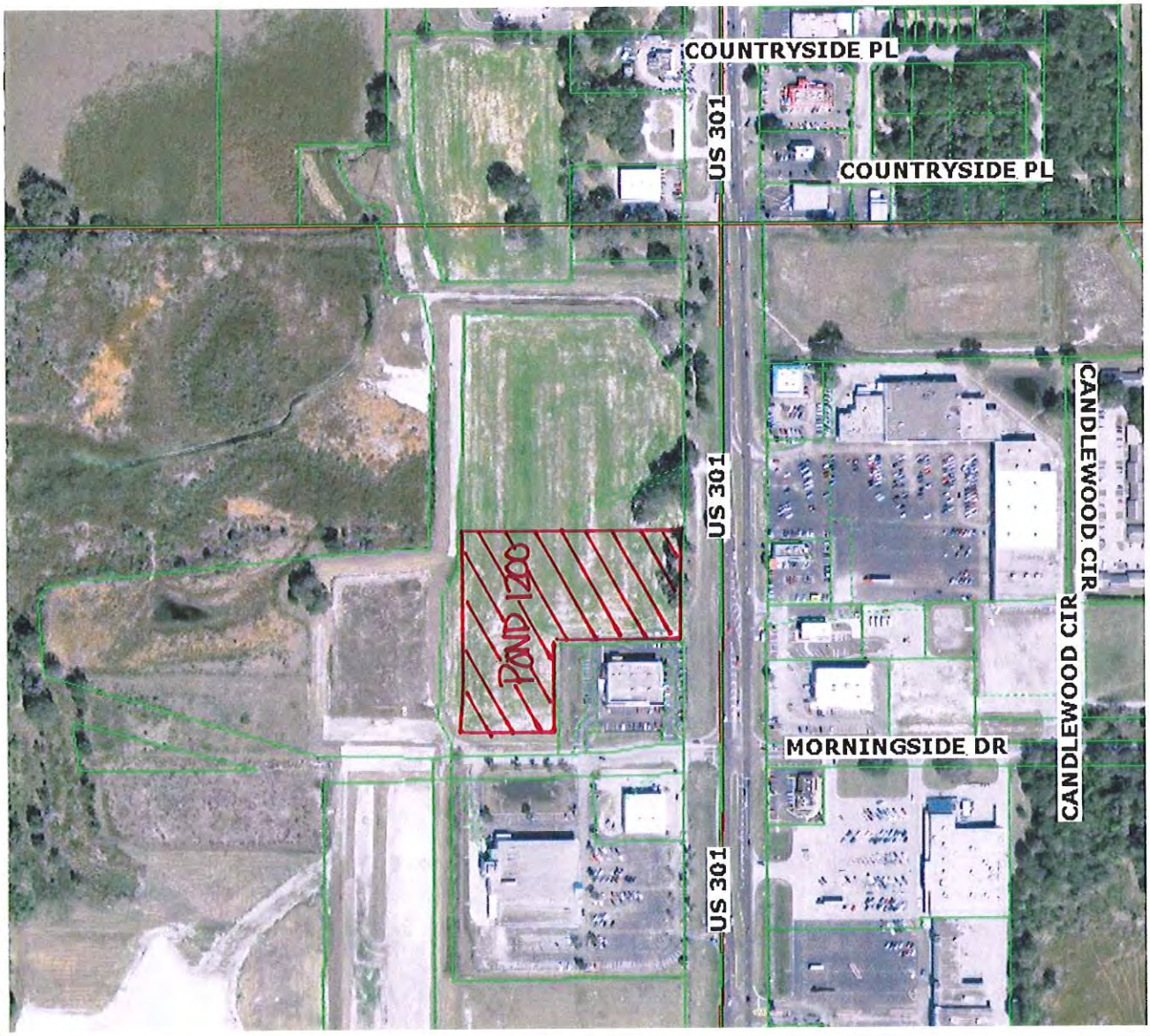
Previous Owner		PERFECTION PARTNERS LIMITED		
Year	**Month**	**Book/Page**	**Type**	**Amount**
2006	11	7269 / 0207	WD	$2,779,200

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

FPC 2 ?
POND 1100

Pasco County, Florida
1.4 miles S of Dade City
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 3:07:13 PM.



POND 1200

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	03-25-21-0000-00100-0040 (Card: 001 of 001)
Classification	60 - Grazing Land Class I

Mailing Address
PERFECTION PARTNERS
LIMITED PARTNERSHIP
660 BEACHLAND BLVD STE 301
VERO BEACH, FL 329631708

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
COM AT SE COR OF N1/2 OF NE1/4 OF SEC TH ALG E BDY OF SAID NE 1/4 N00DEG 47' 45"W 312.23 FT TH S89DEG 12' 15"W 100.74 FT

Property Value

Ag Land	$75,450
Land	$1,792,800
Building	$0
Extra Features	$0
Market Value	**$75,450**
Assessed (Save Our Homes)	$0
Taxable Value	**$75,450**

Warning: A significant taxable value increase may occur when sold. Click here for details and info. regarding the posting of exemptions.

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	6000	GRAZING 1	0ILW	12.00	AC	$325.00	1.00	$3,900
2	9900	NON AG	0ILW	1.59	AC	$225,000.00	0.20	$71,550
3	9910	MKT.VAL.AG	0ILW	5.00	AC	$225,000.00	0.90	$1,012,500
4	9910	MKT.VAL.AG	0ILW	5.00	AC	$225,000.00	0.55	$618,750
5	9910	MKT.VAL.AG	0ILW	3.59	AC	$225,000.00	0.20	$161,550

Additional Land Information

Acres	13.59	Tax Area	10DC	FEMA Code	--	Commerical Code	SITE7E1

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

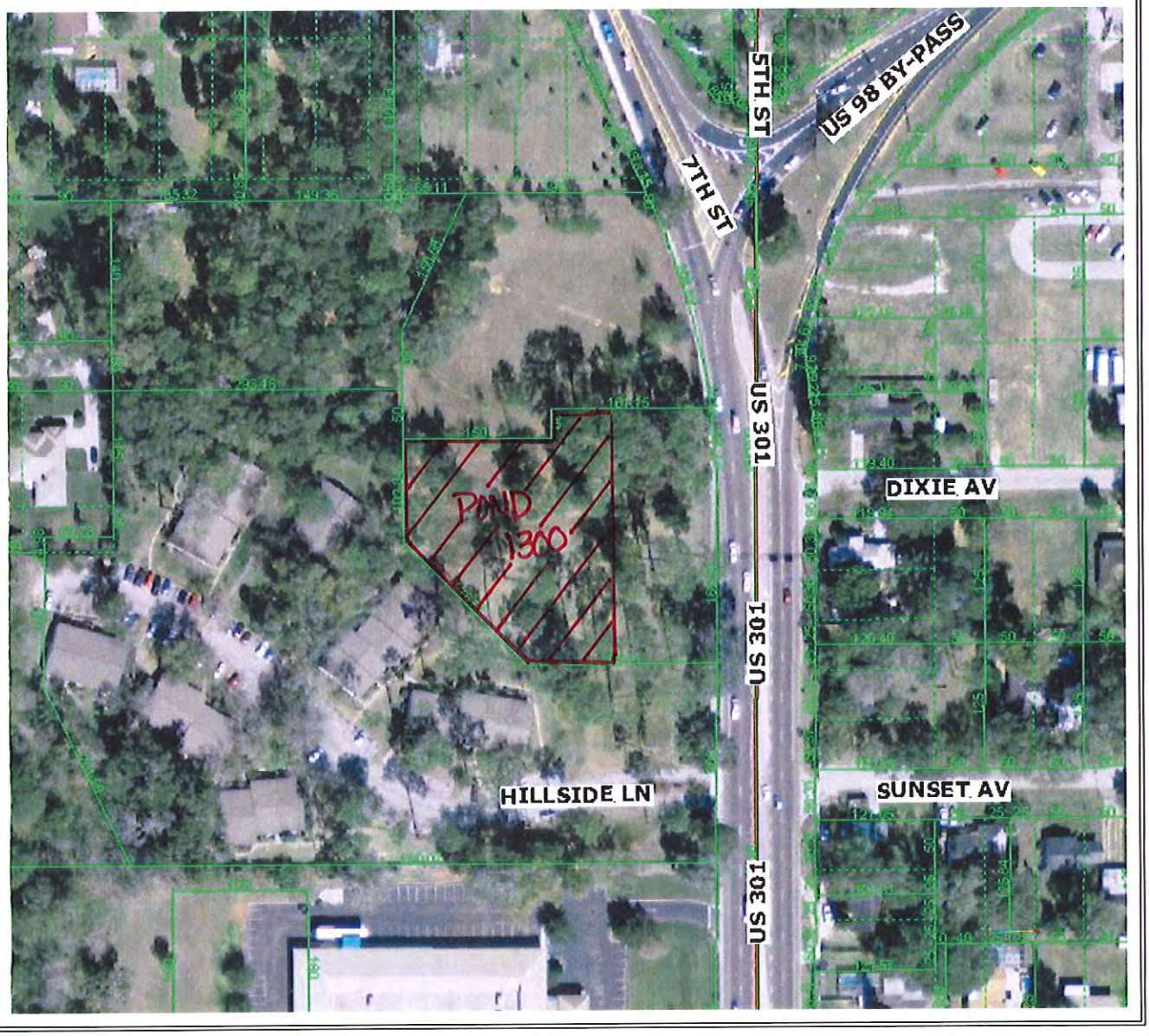
Previous Owner		EVANS PROPERTIES INC		
Year	**Month**	**Book/Page**	**Type**	**Amount**
1998	06	3965 / 1585	WD	$0

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 1200

Pasco County, Florida
0.7 miles S of Dade City
Prepared by the Office of Mike Wells, Pasco County Property Appraiser.

Map Created on 8/18/2009 at 3:09:28 PM.



POND 1300

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

Data Current as Of:	Weekly Archive - Saturday, August 08, 2009
Parcel ID	34-24-21-0000-15300-0010 (Card: 001 of 001)
Classification	10 - Vacant Commercial

Mailing Address
GOLUBA ROBERT L TRUSTEE
GOLUBA ROBERT L DMD PA TRUST
6430 MADISON ST
NEW PORT RICHEY, FL 346522344

Physical Address
Physical Address N/A

Legal Description (First 4 Lines)
COM AT EAST 1/4 CORNER OF SEC
TH S01DG 27' 46"W ALG ELY BDY
315.96 FT TH S88DG 10' 14"W
40.07 FT TO WLY R/W OF US 301

Property Value

Ag Land	$0
Land	$319,254
Building	$0
Extra Features	$0
Market Value	**$319,254**
Assessed (Save Our Homes)	$0
Taxable Value	**$319,254**

Land Detail (Card: 001 of 001)

Line	Use	Description	Zoning	Units	Type	Price	Condition	Value
1	1000	COMMERCIAL	0RIO	12,000.00	SF	$9.41	1.00	$112,920
2	1000	COMMERCIAL	0RIO	38,000.00	SF	$4.89	1.00	$185,820
3	1000	COMMERCIAL	0RIO	18,820.00	SF	$1.09	1.00	$20,514

Additional Land Information

Acres	1.58	Tax Area	10DC	FEMA Code	X	Commerical Code	M3017AK

Building Information (Card: 001 of 001)
Unimproved Parcel 00 - Unimproved

Extra Features (Card: 001 of 001)

Line	Description	Year	Units	Value
No Extra Features				

Sales History

Previous Owner	N/A			
Year	**Month**	**Book/Page**	**Type**	**Amount**
1987	04	1602 / 0697	WD	$110,000

Search Again Show Map Building Schematic Unavailable Frequently Asked Questions Estimate Taxes
Other Agency Data: Tax Collector School Board Supervisor of Elections

POND 1300

APPENDIX K

REVIEW COMMENTS WITH RESPONSES

US 301 PD&E Stormwater Management Facilities Report
Comments with Responses
August 2009

1. The report should include the typical standard notes in the executive summary.

   A modified version of the typical standard notes has been added to the executive summary. The notes were modified because this report evaluates only one pond site per basin.

2. The report should provide a precise description of how the ponds were sized and how all the information and calculations provided were used in sizing the ponds: this can be included as a narrative in the appendix.

   A description explaining how the ponds were sized and how the information and calculations were used has been clarified in the report. Specific information on the calculations has been added as narratives at the beginning of the corresponding appendices. Please note that we have reviewed drawdown times for the dry ponds since the submittal of the draft report. The results from the drawdown analysis led to increasing pond sizes and revising some of the dry ponds to wet ponds. The sizes of the wet portions of the wet ponds were controlled by attenuation requirements, but they could not meet TMDL requirements. Dry pre-treatment was added to the new wet ponds so a combination of attenuation and TMDL requirements established their sizes. The new sizing for wet ponds has been added to the report along with drawdown analyses for the dry ponds.

3. The text discusses sizing the ponds to meet attenuation and TMDL requirements but does not clearly state what affects the TMDL criteria had on pond sizes. This issue should be clear in the executive summary.

   Descriptions as discussed in the response to comment 2 have been added to the executive summary.

4. Section 4.3 second paragraph – Include a copy of the referenced section of the Pasco Land Code with the basin maps in Appendix C along with the basin figures. A note or cover sheet in front of the figures in Appendix C indicating why they are in the report would aide anyone trying to use this report in the future.

   A copy of the Land Development Code Section 605.7 has been added to the appendix with the figures. A narrative describing the appendix items has been added. Please note that the appendix lettering has been revised for creating new appendices (including a response to comments appendix and a drawdown analysis appendix).

5. Page 4-6 – Provide a map showing flooding locations.

HDR Engineering, Inc.
5426 Bay Center Drive
Suite 400
Tampa, FL 33609
Phone: (813) 282-2300
Fax: (813) 282-2430
www.hdrinc.com

A map has been added that shows the flooding locations.

6. Page 4-6 second paragraph – This sentence does not read well, provide a better explanation of what you are trying to describe here. The assumption is that most of the limits of the roadway are drained by ditches, but it's not clear what two locations of storm sewer means.

   The description for this paragraph has been revised for clarification. The station limits of the 2 storm sewer locations have been added to the report. This discussion was included to document the method of storm water conveyance for the existing conditions. This information is also relevant to the roadway recommendations that were evaluated as part of the PD&E process. The first location is in Segment B where an urban and a rural typical section were considered. The PD&E study proposed matching the existing conditions (gutter and storm sewer) for the rural typical section through these station limits. The second station limits are in Segment D where only urban typical sections were advanced for further consideration.

7. Page 4-6 – There is an existing flooding analysis for the Scotland Yard in the drainage data base, there should be reference of this and if it's not too large it should be included in the report.

   The dispositions of flooding complaints from the database were to the report. There is a flooding analysis for the Scotland Yard property and two other reports for this general area. All of these reports indicate that the flooding complaints are not caused by US 301.

8. Page 4-6 Expand on the issue of flooding at the Tank Lake Outfall or if it's discussed elsewhere in the report please note where in this section. If this is an area that our existing R/W or proposed pond outfalls to then will there be a need to provide any special design for this area.

   The Tank Lake Outfall discussion in the telephone memorandum was in response to questions about the stage history at this location and is not a flood complaint. We have revised section 4.3 of the narrative to clarify the meaning.

9. Page 4-6 section 4.4 fourth sentence – Please discuss; based on the information you have do we propose to increase the R/W width in the area of these existing ponds, are the ponds likely to be impacted and what affect will it have on the proposed pond sizes.

   There are a few locations in Basin 1100 where existing ponds could be impacted depending on which typical section is recommended. The urban typical sections were used for pond sizing since they have the greatest increase of impervious area. However, the rural typical sections have wider footprints that will impact existing ponds and often require whole takes of the parcels. A discussion has

been added to section 5.2 in the report for the area where the roadway alternatives could impact existing ponds. The impacts to the ponds depend on the alignment that is selected. Either typical section should have no net affect on pond needs. The wider typical section that covers large portions of the adjacent ponds will also require whole takes of some of the sites. In this case, existing pavement can be removed with expansion of the remaining ponds on the sites that are impacted by the roadway improvements.

10. Page 5-1 – it states that 5 sites were evaluated for TMDL and attenuation requirements; it seems like there ate 12 basins, explain in the text why only 5 were evaluated for TMDL and attenuation requirements.

    We have revised the report to have a detailed analysis for all of the ponds.

11. Page 5-3 last paragraph in section 5-1 – This paragraph does not cover criteria as much as methodology. This information should be included in what is requested in comment #2.

    A new section for Methodology has been added following the section for Design Criteria. The new section contains the information noted above and in comment 2.

12. Page 5-3 section 5.2 – In the third sentence are you inferring that the typical section has not yet been determined, if so why not discuss this in the report.

    A recommended typical section had not been determined at the time of the Draft Report. Two typical sections for each segment are shown in the appendix. Recommendations were made following the Alternatives Public Workshop on June 3rd, 2009, which determined that TSM improvements were to be recommended for Segments B through D.

13. Basin Descriptions – Are the existing and proposed basin limits and outfall locations the same; looking at basin 100 it seems that a portion of the existing basin may actually outflow to the low area east of station 106 and other portions of the basin outfalls to different low areas than where the proposed pond outfall. Do attenuation calculations consider directing the flow to a different outfall location?

    A discussion has been added to the basin description in Section 5.3 indicating that the pond for basin 100 will have two outfall locations. The outfalls are part of a larger basin and it would not be economical to divide this basin and provide two ponds. Either a split outflow or a diversion box for the inflow will need to be provided during the design phase of the project. This will not affect the pond size.

14. Basin 200 – Basin 200 has some of the same attenuation issues, much of the east side of the roadway seems to sheet flow through adjacent property and to the east or is directed through

the new development in piped systems. If the roadway area is directed to the pond and then outfalls to the bypass system through Zephyr Commons then additional attenuation will be required because the outfall can not be upsized. The issue of directing flow to a different outfall point exists in many of the basins and needs to be addressed.

We have reviewed information from the Drainage Connection Permit for Zephyr Commons. Their plans are under construction at this time and divide the basin designated as 200 into 3 basins. The northern basin flows to their pond which discharges on the east side of their site. The middle basin flows through their site via a bypass pipe and open ditch and then combines with the pond outflow on the east side of the site. The southern basin is combined with some of their site run-off and flows to chambers for percolation in to the ground; this system has an overflow connection to the bypass system.

The minor divides between these 3 basins could be shifted so that the existing amount of paved area is maintained for the Zephyr Commons pond and percolation chamber. The increased paved area in the middle basin will be attenuated in the US 301 project pond before being discharged to the bypass pipe and ditch. The increased pavement area for the middle basin including the shifting is the same as the increased impervious area for the entire basin.

A narrative has been added to the description of Basin 200 in Section 5.3 explaining how this will work and that it does not alter the pond size.

15. Section 7-1 – Clarify in the conclusions whether the TMDL, attenuation criteria or both were used to size the ponds.

    A discussion has been added to the conclusions explaining that the dry pond sizes were controlled by attenuation and that the wet pond sizes were controlled by a combination of attenuation and TMDL requirement.

16. Appendix A and B – Add a narrative explaining all the provided typical.

    Discussions of the typical sections have been added to the beginning of the appendices.

17. Appendix C – 2/19/09 Memo – John Kilkenny's name is spelled incorrectly. The issue with the vault should be clarified; the vault was put in to take care of attenuation for the additional runoff created by the turn lanes for the Zephyr Commons development and does not separate roadway drainage from the development drainage. The water from the cross drain is mostly separated from the development runoff but does traverse the development site in pipes and open ditches; portions of the roadway

runoff is directed to the Zephyr Commons pond. It is assumed that all this basin area and runoff is also associated with the concerns at Scottland Yard.

The spelling of Mr. Kilkenny's name has been corrected. Please see the response to comment 14 for the approach to basin 200 and Zephyr Commins.

18. Appendix C – 3/10/09 SWFWMD Meeting minutes – The minutes reference a 1998 aerial showing flooding in the area. The report should address whether this has any impact on the analysis and if possible include a copy of this aerial in the report. Expand on the issue of the floodplain sites being independent from the pond sites; this doesn't seem to be the case for pond 1000 and FPC 1 or it's not clear. Issues such as the 2' bust in the bench mark should be addressed now so it doesn't come up when someone tries to use this report in the future, even if it's only addressed with a hand written and dated note on the master copy of the memo.

    This area is for Lake Dorothea and was shown on the computer screen from an internet site during the pre-application meeting. The SWFWMD was demonstrating how the internet site could be used to view flooding for different dates using the internet site. The flooding at Lake Dorothea is also mentioned in the Flood Inventory Database and is not attributed to US 301. The SWFWMD did not give specifics on the benchmark with the 2 foot bust.

    This was discussed again with Monte Ritter following the pre-application meeting. He explained that he did not have a record of the problem, but recalls noting the difference in elevation on bench marks when they compared their elevations to elevations on a box culvert shown on FDOT plans near Lake Dorothea.

19. Appendix C- Was there any discussion of the DRI map or was it just thrown in.

    The DRI Map is discussed at the end of section 4.1 in the report and states that there are no Developments of Regional Impacts along the project. We will add the statement "Therefore, there are no DRI's affecting the drainage design and sizes of the proposed ponds.". This is also indicated in the added narrative for the appendix.

20. Appendix D – Provide a narrative explaining the TMDL calculations and what affect they have on the pond sizing. There is some discussion in the main report but it's not clear and it would be easier to understand the significance of the calculations if you discuss it here.

    A narrative has been added to the beginning of this appendix that explains the use of these calculations.

21. Appendix E – Again, add a narrative that states exactly what was accomplished with these calculations and how they were used in sizing the ponds.

    A narrative has been added to the beginning of this appendix that explains the use of these calculations.

22. Appendix F – Provide a narrative that explains in detail how you were able to size the ponds using the linear regressions and why you feel that the method is acceptable. Are the basins so much alike that there are no issues which would increase some ponds over others. One issue raised above is that many of the basins have numerous outfall paths and additional attenuation may be required.

    Detailed calculations have now been provided for all of the pond sites and the linear regressions removed.

23. Note on the drainage maps when the aerials were flown and where the contour information is from.

    Notes have been added to the drainage maps indicating:

    Aerial Imagery dated September 26, 2008
    Contours derived from FY2004 Pasco County LiDAR obtained from SWFWMD.

APPENDIX L

RECOMMENDED ROADWAY IMPROVEMENTS

SEGMENT A

BEGIN PROJECT
STA. 360+00.00

GEIGER ROAD

ABC PIZZA

ZEPHYR PLAZA

360

365

355

PC STA. 357+54.68

HESS

MCDONALD'S

ABC LIQUOR

BEALL'S OUTLET

NORTH AVE.

MATCHLINE STA. 369+00.00

0 20 100
Feet

LEGEND

EOP	STREET ST.	STREET NAME	R	RESIDENCE RELOCATION	1 CONTAMINATION SITE
EXISTING R/W	PLACE	PLACE NAME	B	BUSINESS RELOCATION	WETLAND
PROPOSED R/W		PROPERTY LINES			PAVEMENT REMOVAL
CONC. SIDEWALK					

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE LOW SPEED URBAN SEGMENT A

SHEET NO. 1

...\PROJECTS\035145\0000000008872\N3.00_CAD\408075\220\\roadway\Planrd400.dgn

SEGMENT A

EASY AVE.

FORT KING RD.

KAUFMAN EYE INSTITUTE

MATCHLINE STA. 369+00.00

MATCHLINE STA. 383+00.00

370

375

380

PC STA. 376+95.10

FAMILY PRACTICE WALK-IN CLINIC/ ARTISTIC DENTAL

SUN STATE ALUMINUM

PRINTING ZONE

HERCULES AQUATIC CENTER

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE LOW SPEED URBAN SEGMENT A

SHEET NO. 2

PW:\\QBE\CDW0035145\0000000008872\\3.00_CAD\408075\220\\roadway\Plnrd401.dgn

SEGMENT A

POTENTIAL POND
SITE 100
(4.51 AC)

53x

53x

MATCHLINE (SEE SHEET 30)

WOOD DALE MOBILE HOME PARK

WALGREENS

NOTE:
FOR EILAND BLVD.
SEE SHEET 30

EILAND BLVD. (CR 54)

CVS

PT STA. 386+18.18

FRONTAGE RD.

385

390

395

MATCHLINE STA. 383+00.00

MATCHLINE STA. 397+00.00

RADIANT GAS STATION

1

MARKET SQUARE DR.

FLORIDA MEDICAL CLINIC

0 20 40
Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
LOW SPEED URBAN
SEGMENT A

SHEET NO. 3

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SEGMENT A

MATCHLINE STA. 397+00.00

MATCHLINE STA. 411+00.00

400

405

410

PIN CHASERS

CENTER STATE BANK

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE LOW SPEED URBAN SEGMENT A

SHEET NO. 4

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SEGMENT A

SPANISH TRAILS SENIOR VILLAGE

SPANISH TRAILS SENIOR VILLAGE

DAUGHTERY RD.

SPANISH TRAILS BLVD.

ARBOR RIDGE DR.

GOODYEAR

2

653x

415

420

MATCHLINE STA. 411+00.00

MATCHLINE STA. 425+00.00

0 20 100

Feet

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK

STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES

R RESIDENCE RELOCATION
B BUSINESS RELOCATION

1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
LOW SPEED URBAN
SEGMENT A

SHEET NO. 5

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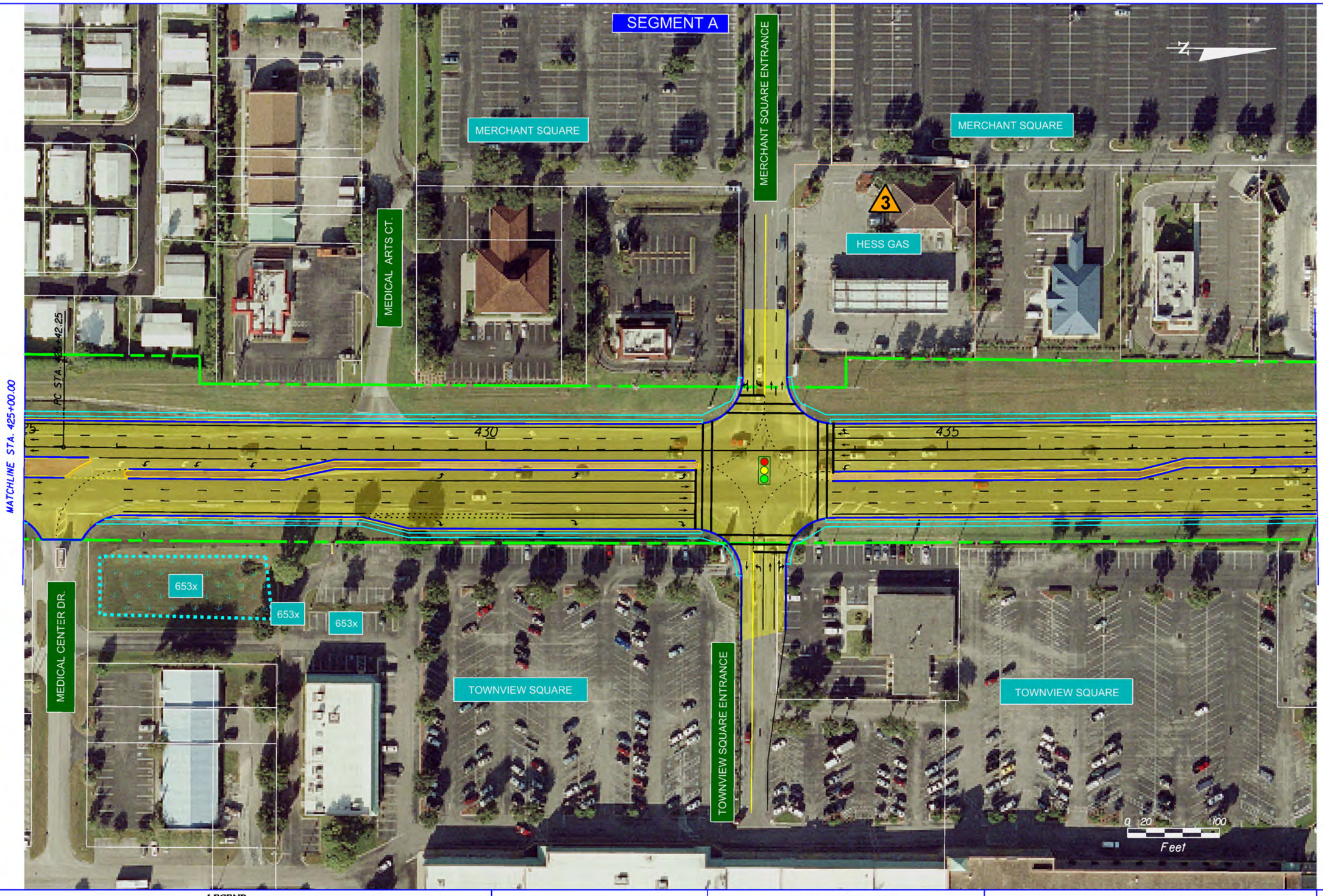

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. — STREET NAME
PLACE — PLACE NAME
PROPERTY LINES
R — RESIDENCE RELOCATION
B — BUSINESS RELOCATION
1 — CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR
HDR Engineering, Inc.
HDR Engineering, Inc.
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Tampa, FL 33609-3444
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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE LOW SPEED URBAN SEGMENT A

SHEET NO. 6

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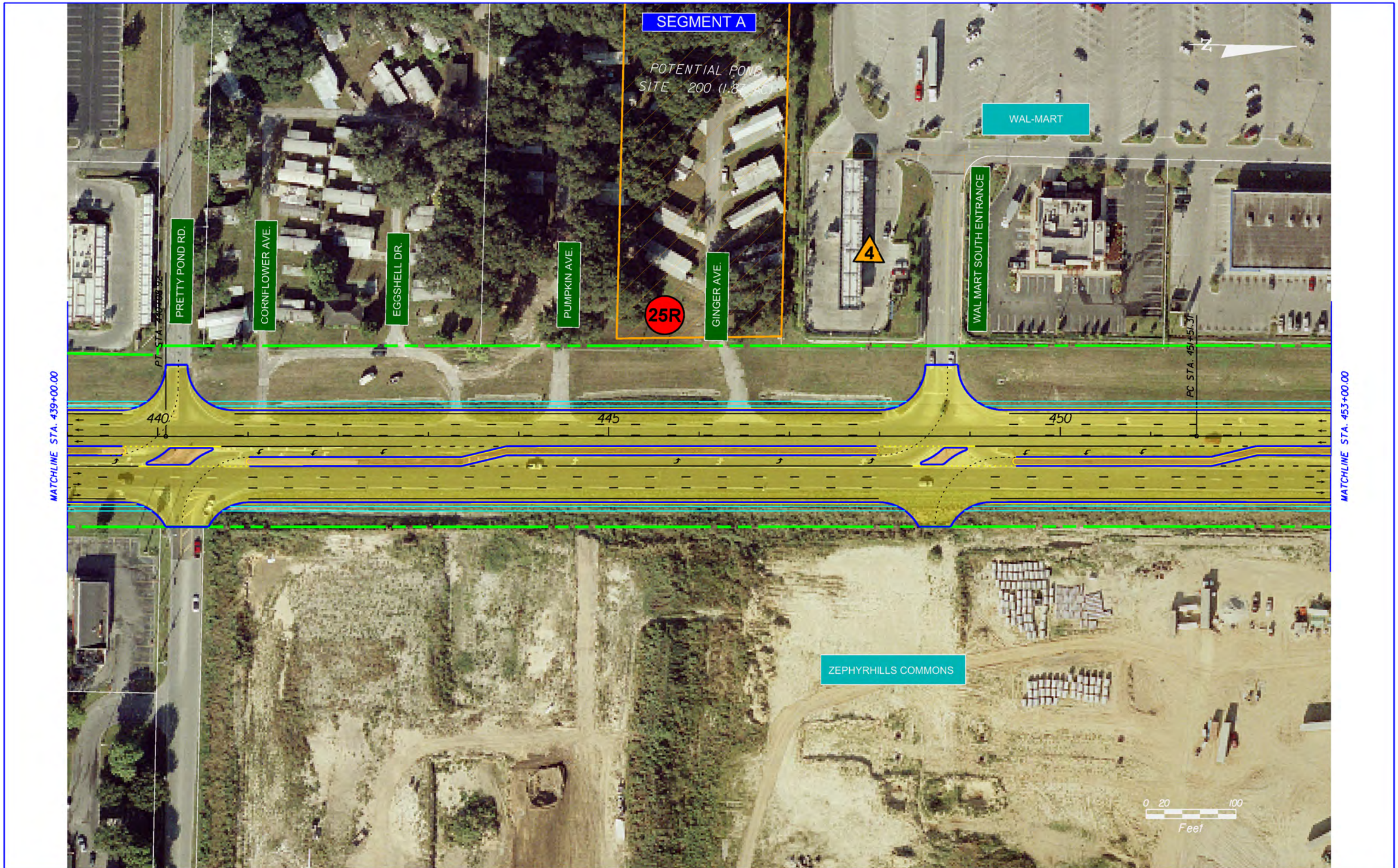

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
LOW SPEED URBAN
SEGMENT A

SHEET NO. 7

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LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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Tampa, FL 33609-3444
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE LOW SPEED URBAN SEGMENT A

SHEET NO. 8

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LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. — STREET NAME
PLACE — PLACE NAME
PROPERTY LINES
R — RESIDENCE RELOCATION
B — BUSINESS RELOCATION
1 — CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR
HDR Engineering, Inc.
HDR Engineering, Inc.
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 9

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LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 10

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LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. — STREET NAME
PLACE — PLACE NAME
PROPERTY LINES
R — RESIDENCE RELOCATION
B — BUSINESS RELOCATION
1 — CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 11

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SEGMENT B

AVOCA AVE.

WICKLOW AVE.

BAILEY HILL RD.

RUTH AVE.

ROBERTS RD.

510

515

520

MATCHLINE STA. 509+00.00

MATCHLINE STA. 523+00.00

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 12

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SEGMENT B

SKY RIDGE CIRCLE

TLC LANE

N

MATCHLINE STA. 523+00.00

MATCHLINE STA. 537+00.00

525

530

535

PT STA. 531+37.56

MIKE'S WELDING &
ZEPHYRHILLS RECYCLING

WIRE RD.

0 20 100
Feet

LEGEND

EOP	STREET ST.	STREET NAME	R	RESIDENCE RELOCATION	1 CONTAMINATION SITE
EXISTING R/W	PLACE	PLACE NAME	B	BUSINESS RELOCATION	WETLAND
PROPOSED R/W		PROPERTY LINES			PAVEMENT REMOVAL
CONC. SIDEWALK					

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 13

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SEGMENT B

N

MATCHLINE STA. 537+00.00

MATCHLINE STA. 551+00.00

540

545

550

CALLAWAY BLVD.

0 20 100
Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 14

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SEGMENT B

KINGSMERE RD.

555

560

MATCHLINE STA. 551+00.00

MATCHLINE STA. 565+00.00

0 20 100

Feet

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK

STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES

R RESIDENCE RELOCATION
B BUSINESS RELOCATION

1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 15

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SEGMENT B

TIFFANY RD.

CENTENNIAL RD.

MATCHLINE STA. 565+00.00

MATCHLINE STA. 579+00.00

565

570

575

NOTE:
FOR CENTENNIAL ROAD
SEE SHEET 31

0 20 100
Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 16

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SEGMENT B

N

631

631

MALTBY RD.

MATCHLINE STA. 579+00.00

MATCHLINE STA. 593+00.00

PC STA. 586+29.64

580

585

590

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 17

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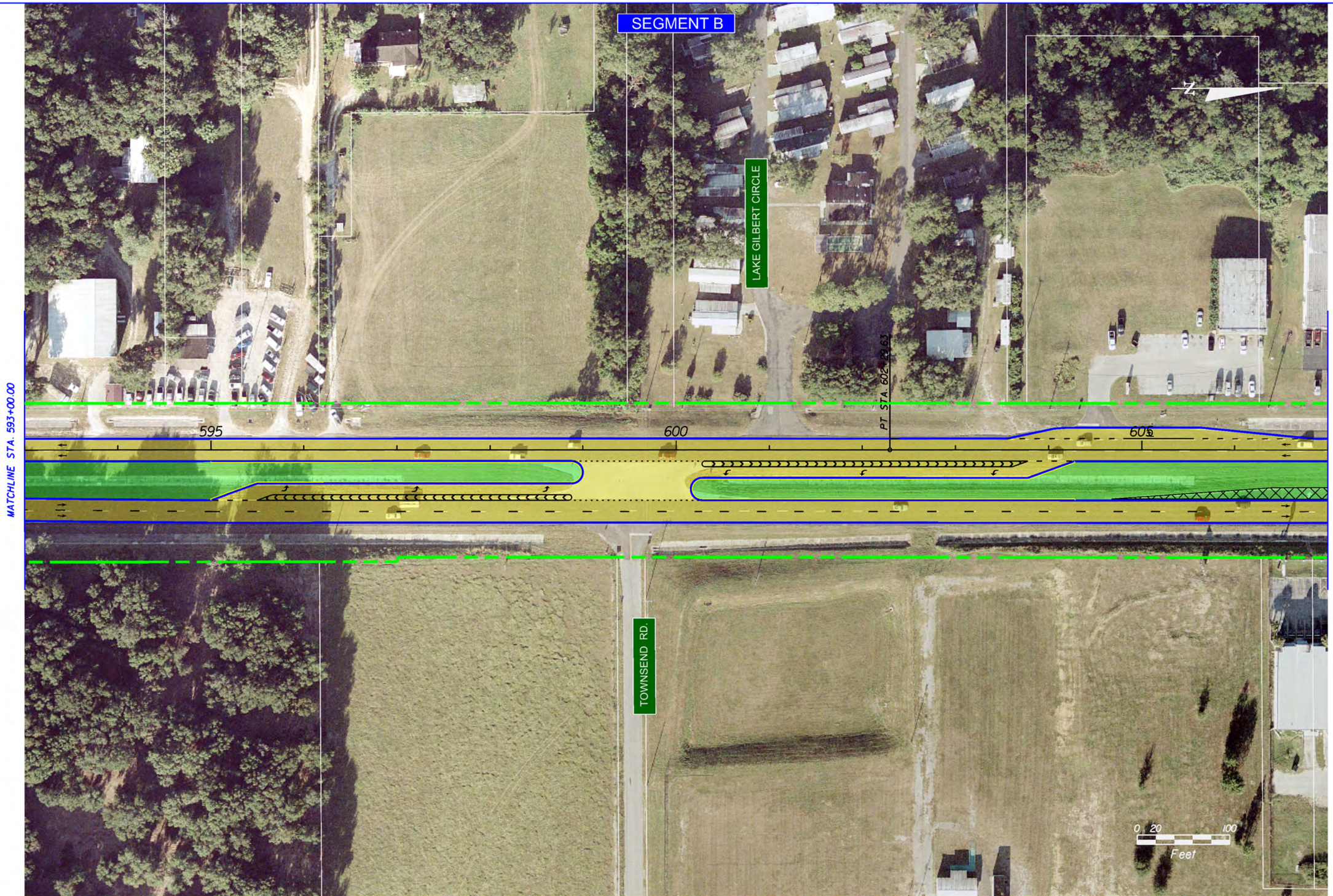

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT B

SHEET NO. 18

PW:\\DOT CONV\035145\0000000008872\\3.00_CAD\408075\220\\roadway\Plnrd417.dgn

SEGMENT B

DADE CITY CHEVROLET

N

MATCHLINE STA. 607+00.00

MATCHLINE STA. 621+00.00

610

615

620

0 20 100
Feet

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK

STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES

R RESIDENCE RELOCATION
B BUSINESS RELOCATION

1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 19

Copyright

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SEGMENT B

N

643

530

MUSSELMAN RD.

625

630

MATCHLINE STA. 621+00.00

MATCHLINE STA. 635+00.00

0 20 100

Feet

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK

STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES

R RESIDENCE RELOCATION
B BUSINESS RELOCATION

1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

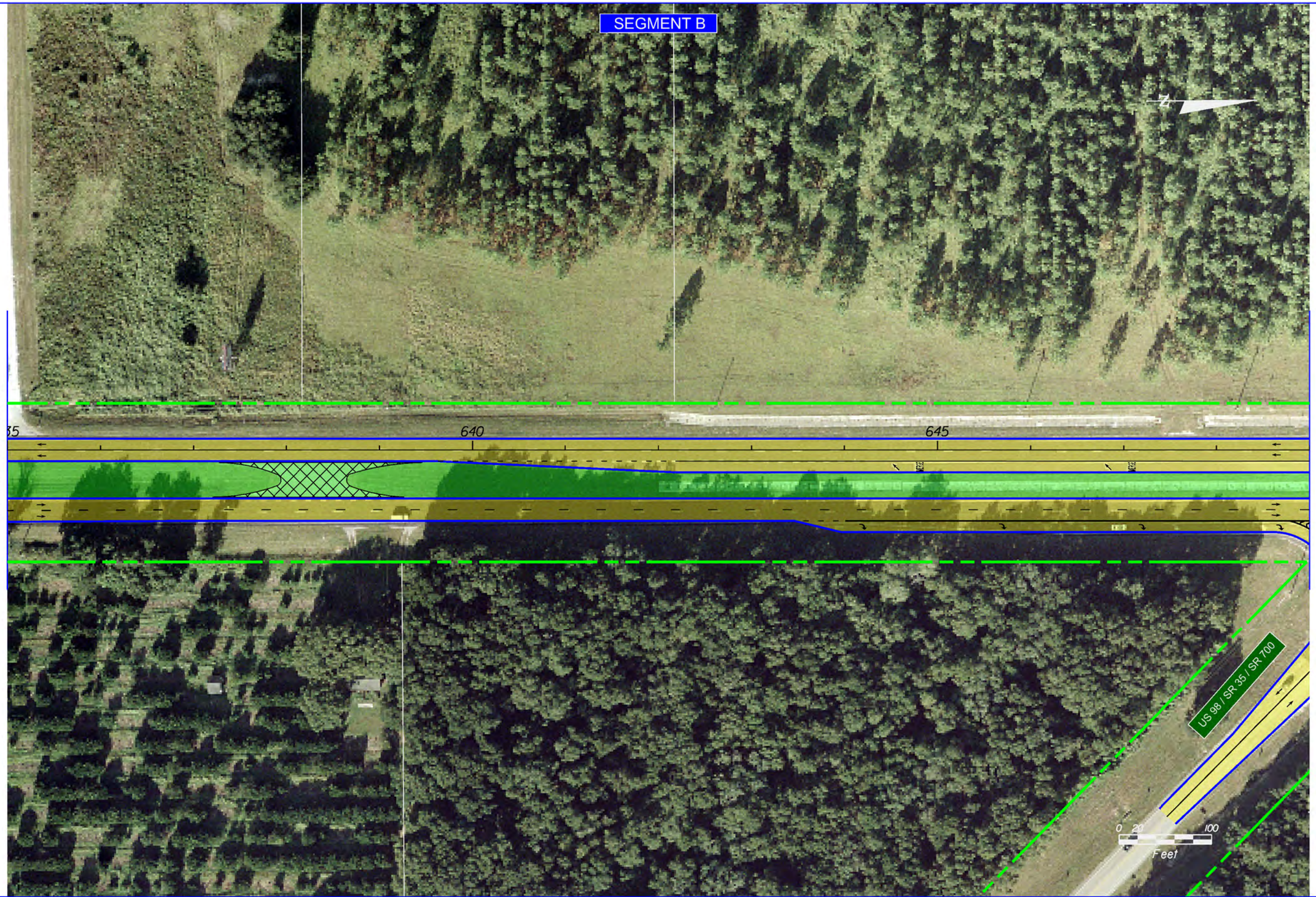
RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 20

copyright

8/13/2009

Plot: [illegible] COH0035145\0000000000887212\3.00_CAD\408075I220I\roadway\Planrd419.dgn



LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT B

SHEET NO. 21

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SEGMENT C

CHAPEL HILL GARDEN CEMETERY

N

MATCHLINE STA. 649+00.00

650

655

660

MATCHLINE STA. 663+00.00

US 98 / SR 35 / SR 700

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT C

SHEET NO. 22

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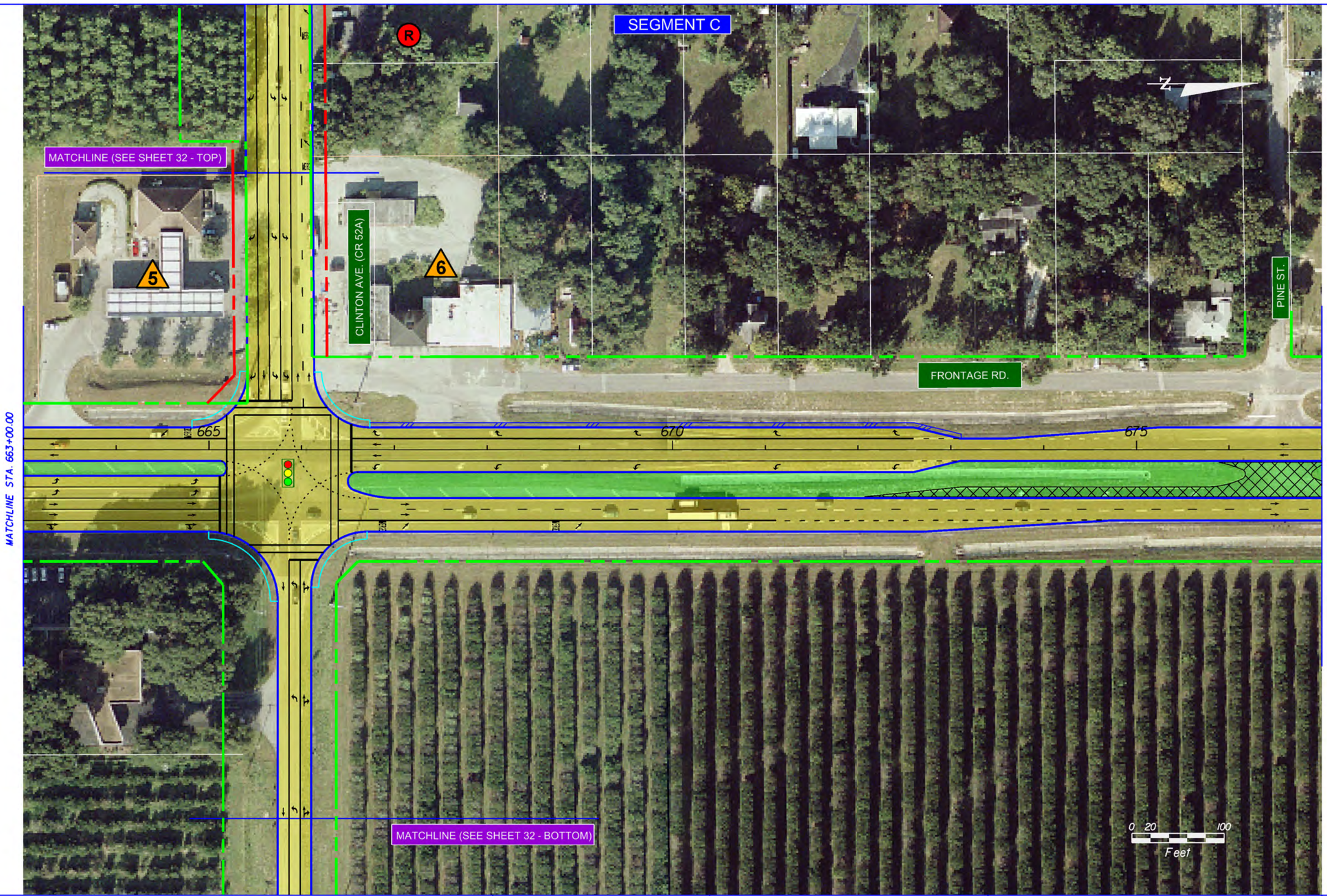

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT C

SHEET NO. 23

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SEGMENT C

631

WDCF DR.

FRONTAGE RD.

MATCHLINE STA. 677+00.00

680

685

690

MATCHLINE STA. 691+00.00

MICHAEL ST.

SOUTHERN SQUARE

530

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

HDR

HDR Engineering, Inc.

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT C

SHEET NO. 24

PW:\\OBE_COW\0035145\0000000008872\V3.00_CAD\408075\220\roadway\Planrd423.dgn

SEGMENT C

631

BETH ST.

695

700

MATCHLINE STA. 691+00.00

MATCHLINE STA. 705+00.00

SOUTHERN SQUARE

7

8

MCDONALD ST.

530

0 20 100
Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT C

SHEET NO. 25

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SEGMENT C

RENE ST.

MORNINGSIDE DR.

MATCHLINE (SEE SHEET 33 - TOP)

MATCHLINE STA. 705+00.00

MATCHLINE STA. 719+00.00

710

715

530

530

530

530

MATCHLINE (SEE SHEET 33 - BOTTOM)

MORNINGSIDE PLAZA

0 20 100

N

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK

STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES

R RESIDENCE RELOCATION
B BUSINESS RELOCATION

CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
HDR Engineering, Inc. CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT C

SHEET NO. 26

SEGMENT D

MORNINGSIDE DR.

MATCHLINE (SEE SHEET 33 - TOP)

MATCHLINE (SEE SHEET 33 - BOTTOM)

BEALLS OUTLET
CURVES GYM

MATCHLINE STA. 719+00.00

MATCHLINE STA. 733+00.00

PC STA. 726+43.29

720

725

730

N

0 20 100
Feet

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
HDR Engineering, Inc. CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT D

SHEET NO. 27

c2011 ... 2009 ...

SEGMENT D

MATCHLINE STA. 733+00.00

MATCHLINE STA. 747+00.00

735

740

745

PT STA. 743+43.22

COUNTRYSIDE PLACE

TEXACO

9

10

0 20 100

Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

HDR Engineering, Inc.
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Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE NO BUILD SEGMENT D

SHEET NO. 28

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SEGMENT D

END PROJECT
STA. 757+00.00
BEGIN FPID 256423-1

FLORIDA MEDICAL CLINIC

HEATHER PLACE

WILLINGHAM AVE.

LAKE DR.

SHADOW DR.

SUNSET AVE.

DIXIE AVE.

750

755

MATCHLINE STA. 747+00.00

POT STA. 760+50

BUSINESS 98 301 DOWNTOWN

NORTH 98 301 TRUCK ROUTE

R

0 20 100
Feet

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
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- CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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Tampa, FL 33609-3444
HDR Engineering, Inc. CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

RECOMMENDED ALTERNATIVE
NO BUILD
SEGMENT D

SHEET NO. 29

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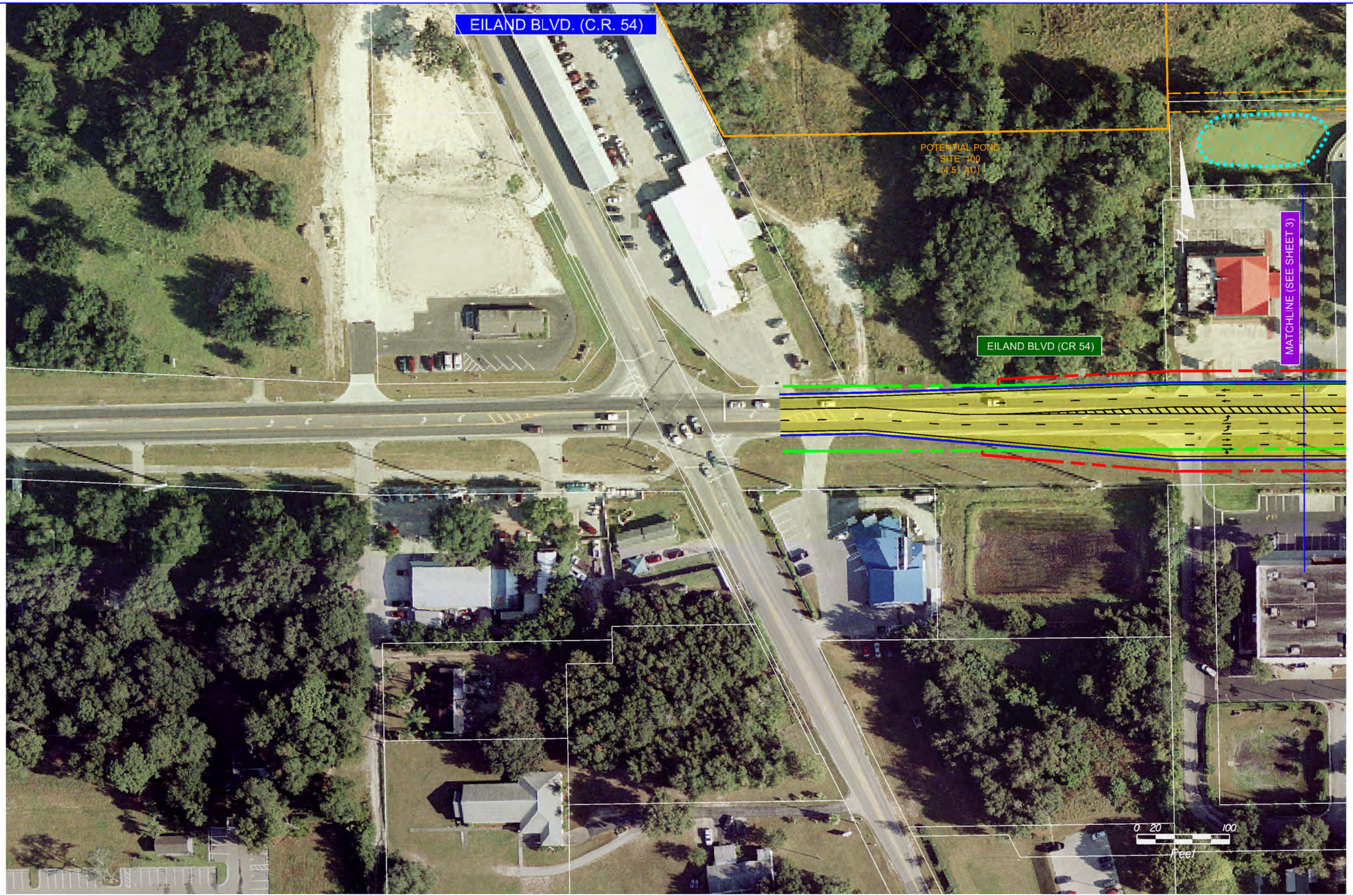

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
1 CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

EILAND BLVD. (C.R. 54)

SHEET NO. 30

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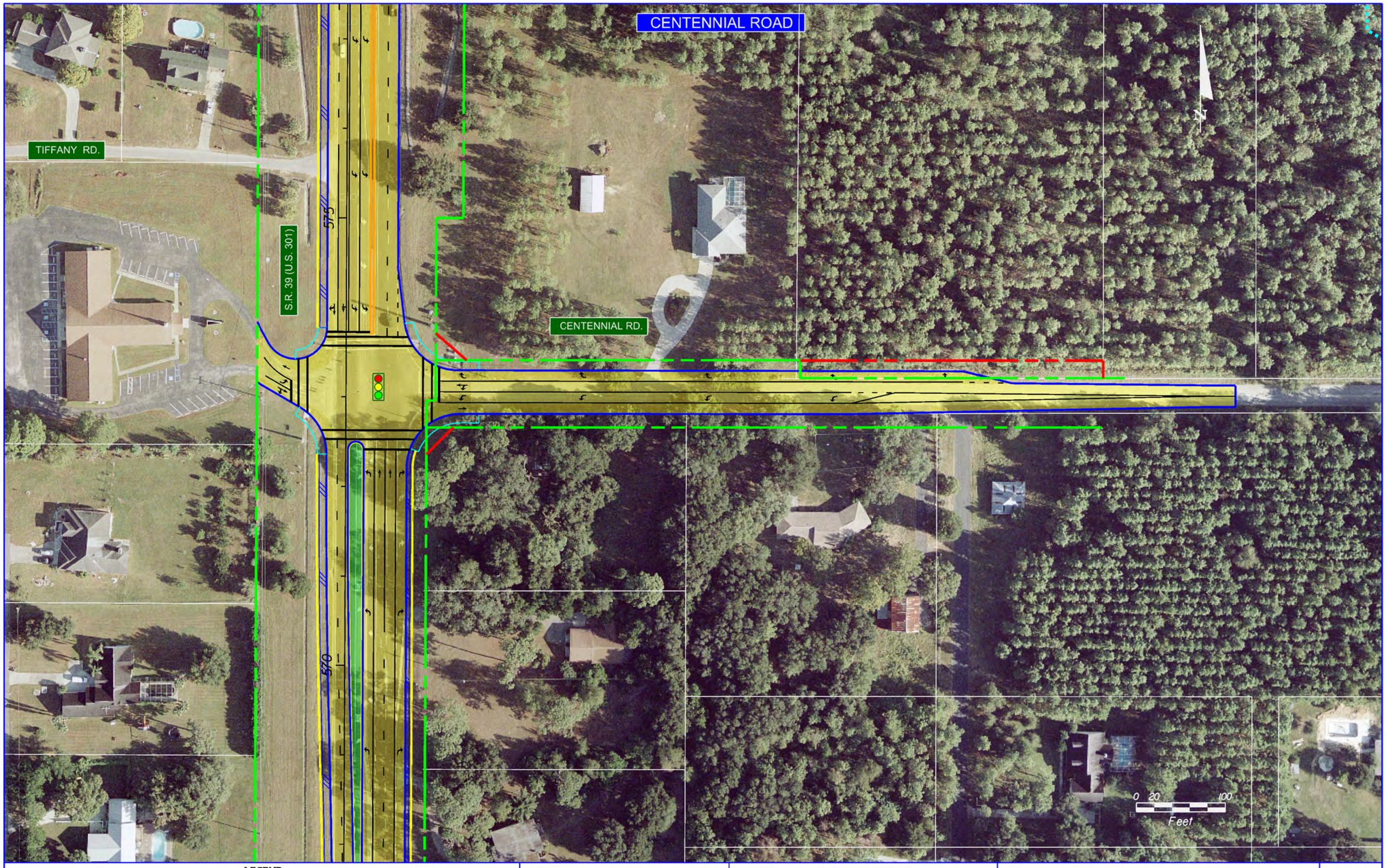

LEGEND

- EOP
- EXISTING R/W
- PROPOSED R/W
- CONC. SIDEWALK
- STREET ST. — STREET NAME
- PLACE — PLACE NAME
- PROPERTY LINES
- R — RESIDENCE RELOCATION
- B — BUSINESS RELOCATION
- 1 — CONTAMINATION SITE
- WETLAND
- PAVEMENT REMOVAL

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Tampa, FL 33609-3444
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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

CENTENNIAL ROAD

SHEET NO. 31

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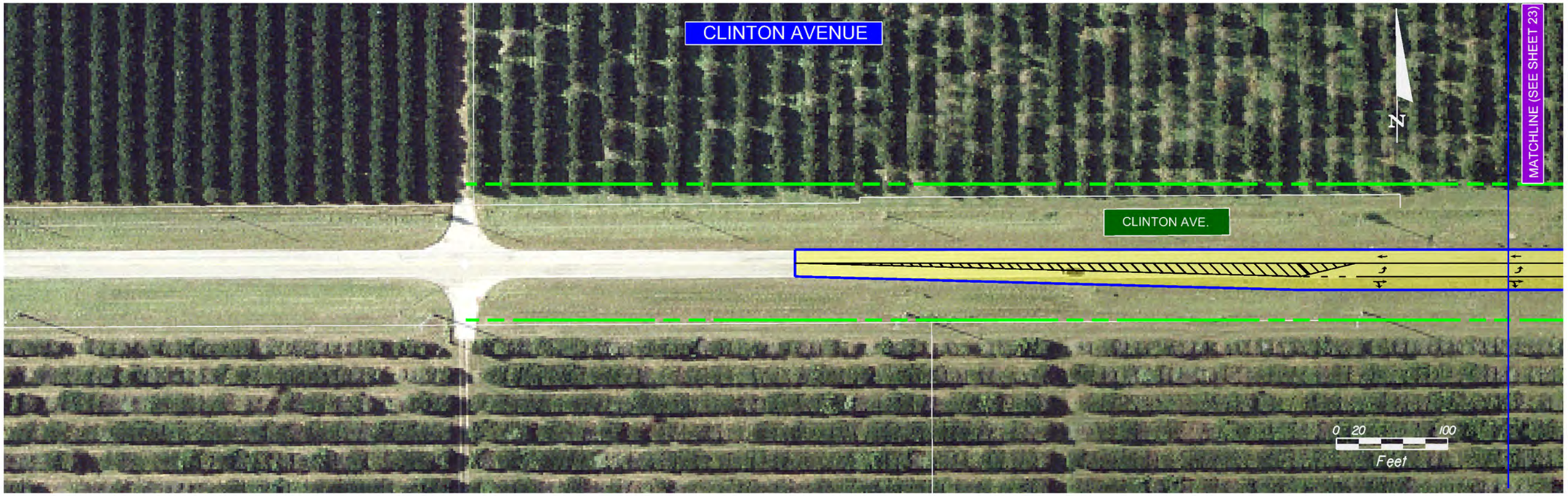

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. STREET NAME
PLACE PLACE NAME
PROPERTY LINES
R RESIDENCE RELOCATION
B BUSINESS RELOCATION
CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

HDR Engineering, Inc.
5426 Bay Center Dr., Suite 400
Tampa, FL 33609-3444
HDR Engineering, Inc. CERTIFICATE OF AUTHORIZATION 4213

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

CLINTON AVENUE

SHEET NO. 32

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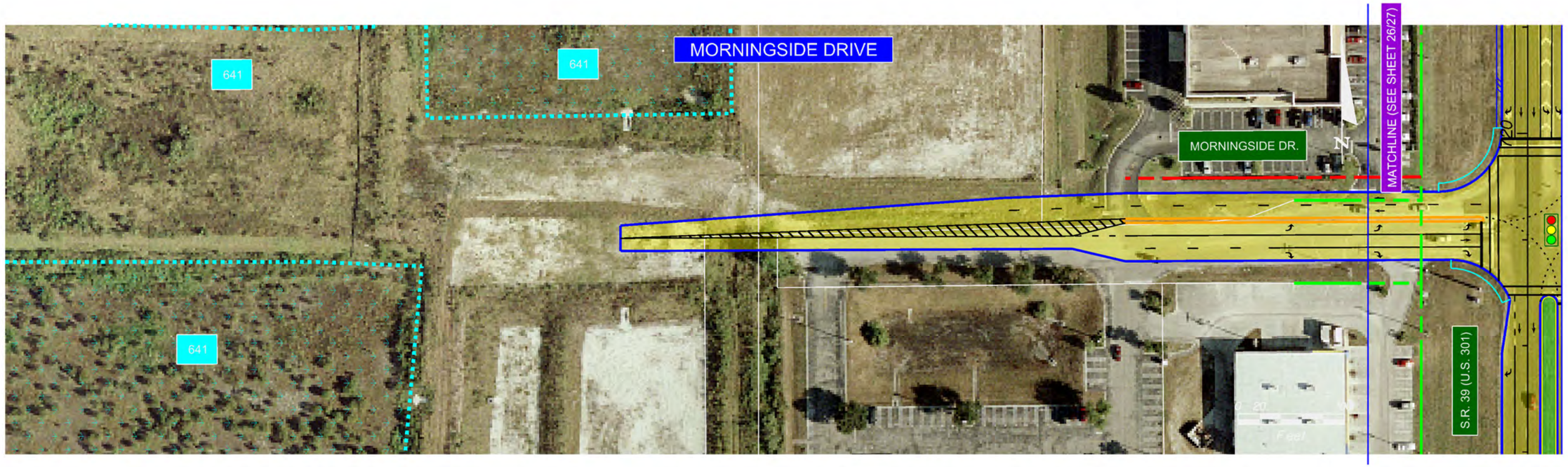

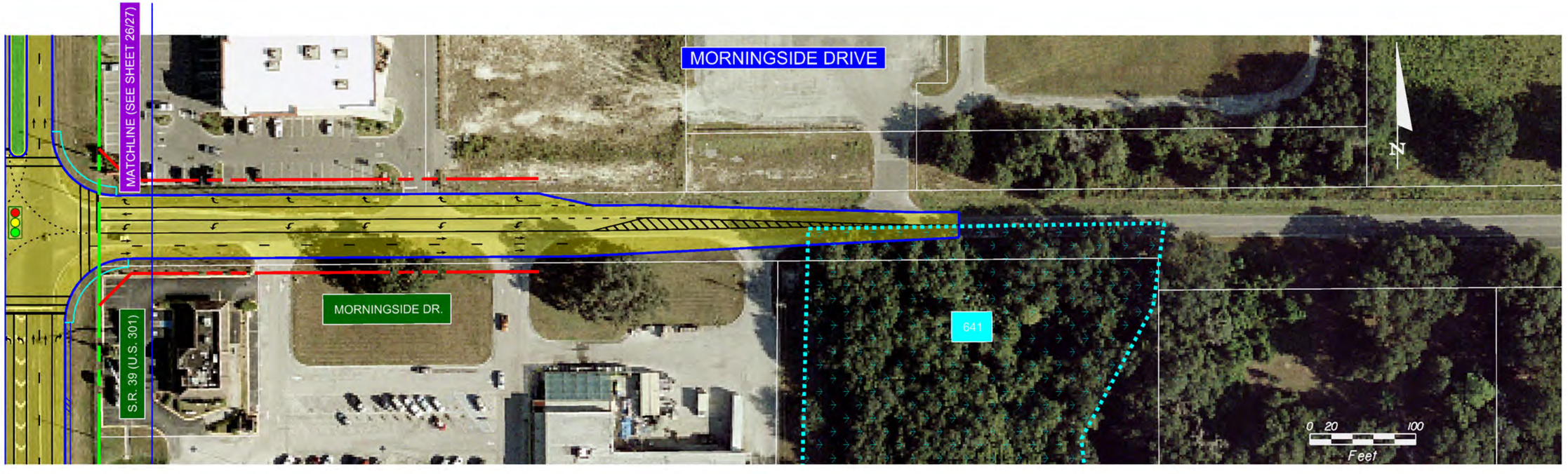

LEGEND

EOP
EXISTING R/W
PROPOSED R/W
CONC. SIDEWALK
STREET ST. — STREET NAME
PLACE — PLACE NAME
PROPERTY LINES
R — RESIDENCE RELOCATION
B — BUSINESS RELOCATION
CONTAMINATION SITE
WETLAND
PAVEMENT REMOVAL

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
39 (US 301)	PASCO	408075-1-22-01

MORNINGSIDE DRIVE

SHEET NO. 33

APPENDIX M

POND RIGHT OF WAY COST ESTIMATES

US 301 from CR 54 to south of Dade City Bypass Pond Estimates - As of 05/21/09 (Includes Mitigation)					
		Relocation			
Pond	Total Estimate	Business	Residential	Personal Property	Total # of Parcels
Pond 100	$2,818,800	0	0	0	1
Pond 200	$3,963,400	0	25	0	1
Pond 300	$2,946,700	0	0	0	1
Pond 400	$1,944,800	0	0	0	1
Pond 500	$2,559,000	0	0	0	1
Pond 600	$4,081,700	0	0	0	1
Pond 700	$1,056,200	0	0	0	1
Pond 800	$2,765,800	0	0	0	1
Pond 1000/FPC-1	$2,650,100	0	0	0	3
Pond 1100/FPC-2	$2,034,500	0	0	0	1
Pond 1200	$1,441,700	0	0	0	1
Pond 1300	$851,600	0	0	0	1